

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011121\
 Data File : P0074466.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Jan 2021 9:17
 Operator : AJ/MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 12 06:05:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0011121.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 12 06:02:45 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.934	3.993f	4850673	2250662	45.970	40.010
2)	SA Decachlor...	10.950	9.246	4582135	2426700	45.148	44.199
Target Compounds							
3)	L1 AR-1016-1	6.257	5.256	1725739	1153412	422.093	504.273
4)	L1 AR-1016-2	6.280	5.256f	2424990	1153412	425.814	365.029
5)	L1 AR-1016-3	6.346	5.446f	1450926	718438	427.560	418.537
6)	L1 AR-1016-4	6.454	5.499f	1198604	641788	421.556	456.653
7)	L1 AR-1016-5	6.770	5.725f	1178830	596095	431.012	346.649
8)	L2 AR-1221-1	5.180	4.245f	170848	101526	139.093	142.891
9)	L2 AR-1221-2	5.284	4.344f	227576	144575	252.575	270.523
10)	L2 AR-1221-3	5.371	4.431f	869177	542734	308.516	339.422
11)	L3 AR-1232-1	5.371	4.431f	869177	542734	379.512	414.044
12)	L3 AR-1232-2	5.961	5.256f	1136512	1153412	988.489	854.210
13)	L3 AR-1232-3	6.280	5.446f	2424990	718438	1005.005	979.329
14)	L3 AR-1232-4	6.454	5.543f	1198604	755187	997.243	1187.486
15)	L3 AR-1232-5	6.552	5.725f	958168	596095	1177.611	858.433 #
16)	L4 AR-1242-1	6.257	5.256	1725739	1153412	535.929	625.780
17)	L4 AR-1242-2	6.280	5.290f	2424990	37130	537.350	14.750 #
18)	L4 AR-1242-3	6.346	5.446f	1450926	718438	532.284	529.064
19)	L4 AR-1242-4	6.454	5.575f	1198604	265184	528.177	202.901 #
20)	L4 AR-1242-5	7.240	6.102f	312464	635591	124.167	363.023 #
21)	L5 AR-1248-1	6.257	5.256	1725739	1153412	716.829	838.648
22)	L5 AR-1248-2	6.552	5.499	958168	641788	308.087	341.495
23)	L5 AR-1248-3	6.770	5.543	1178830	755187	325.529	400.075
24)	L5 AR-1248-4	7.199	5.725	314649	596095	70.557	264.654 #
25)	L5 AR-1248-5	7.240	6.145	312464	124414	74.146	52.920 #
26)	L6 AR-1254-1	7.169	6.102	917256	635591	208.555	175.966
27)	L6 AR-1254-2	7.398	6.261	1180891	584843	173.386	187.658
28)	L6 AR-1254-3	7.782	6.696	537113	1147388	76.574	233.974 #
29)	L6 AR-1254-4	8.077	6.915	568498	238839	93.739	68.874 #
30)	L6 AR-1254-5	8.507	7.341f	3459993	1971910	595.633	435.691 #
31)	L7 AR-1260-1	7.949	6.813f	2175288	1436355	436.040	450.228
32)	L7 AR-1260-2	8.215	7.010	2976898	1861699	437.644	437.939
33)	L7 AR-1260-3	8.581	7.163f	2682802	1559894	468.062	432.887
34)	L7 AR-1260-4	8.812	7.642f	2747542	1370983	502.172	437.829
35)	L7 AR-1260-5	9.138	7.889	5603901	3623174	448.492	455.822
36)	L8 AR-1262-1	8.581	7.341	2682802	1971910	301.297	774.946 #
37)	L8 AR-1262-2	9.138	7.889	5603901	3623174	366.022	394.065
38)	L8 AR-1262-3	9.449	8.173	1404759	906284	140.254	229.189 #
39)	L8 AR-1262-4	9.523	8.235	2269371	2505423	304.722	378.165
40)	L8 AR-1262-5	10.206	8.731	1599630	952733	305.764	308.585
41)	L9 AR-1268-1	9.449	8.173	1404759	906284	75.187	80.956

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Data File : P0074466.D
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Acq On : 11 Jan 2021 9:17
Operator : AJ/MA
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

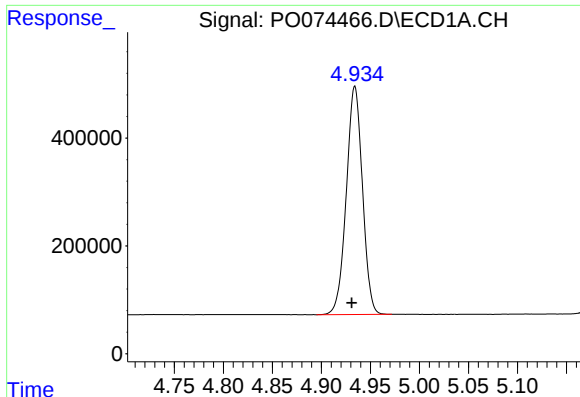
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 12 06:05:37 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0011121.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 12 06:02:45 2021
Response via : Initial Calibration
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	9.523f	8.235f	2269371	2505423	142.236	261.876 #
43)	L9 AR-1268-3	9.770	8.443	184834	78891	13.015	9.495 #
44)	L9 AR-1268-4	10.206	8.731	1599630	952733	273.042	274.630
45)	L9 AR-1268-5	10.618	9.006	572296	312382	13.695	13.192

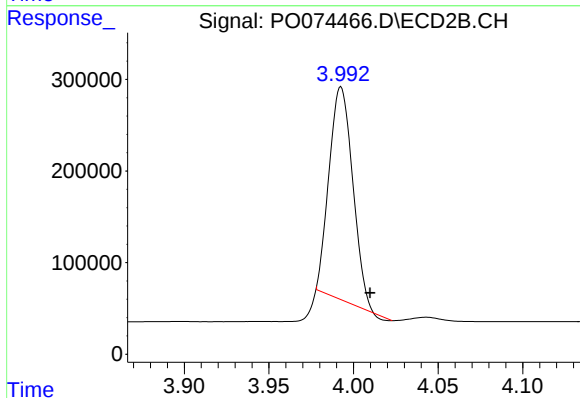
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

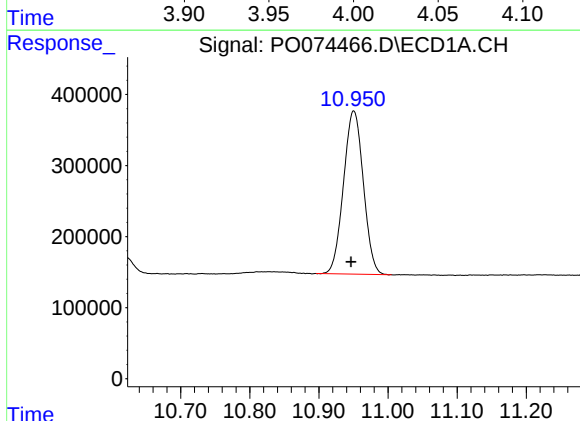
R.T.: 4.934 min
Delta R.T.: 0.003 min
Response: 4850673
Conc: 45.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



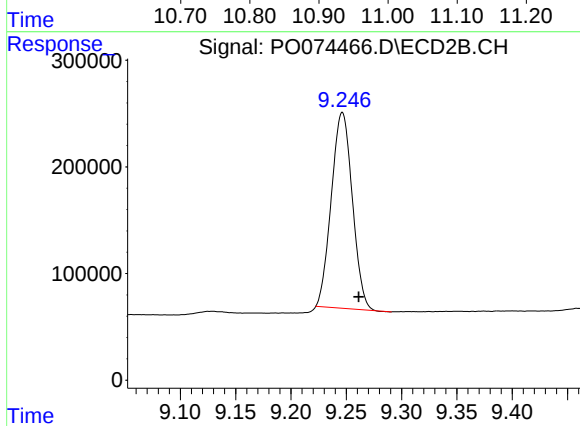
#1 Tetrachloro-m-xylene

R.T.: 3.993 min
Delta R.T.: -0.017 min
Response: 2250662
Conc: 40.01 ng/ml



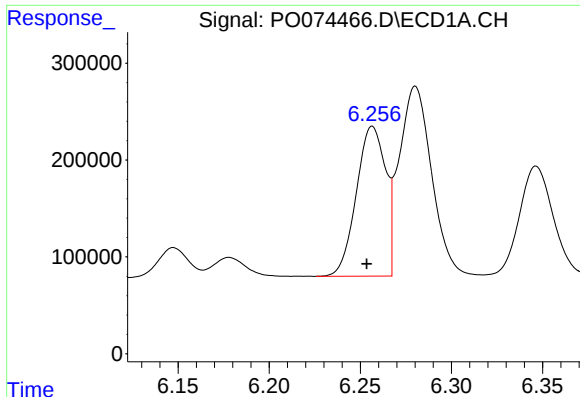
#2 Decachlorobiphenyl

R.T.: 10.950 min
Delta R.T.: 0.004 min
Response: 4582135
Conc: 45.15 ng/ml



#2 Decachlorobiphenyl

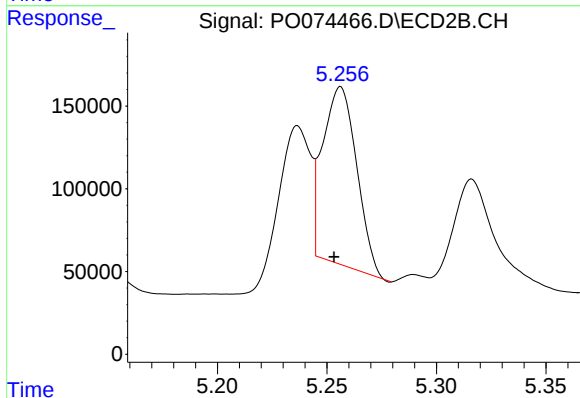
R.T.: 9.246 min
Delta R.T.: -0.015 min
Response: 2426700
Conc: 44.20 ng/ml



#3 AR-1016-1

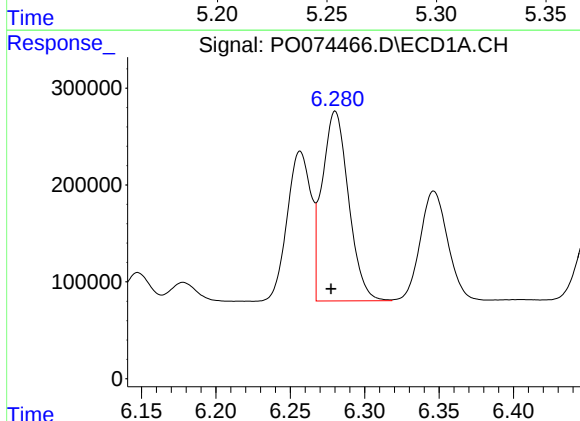
R.T.: 6.257 min
Delta R.T.: 0.003 min
Response: 1725739
Conc: 422.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



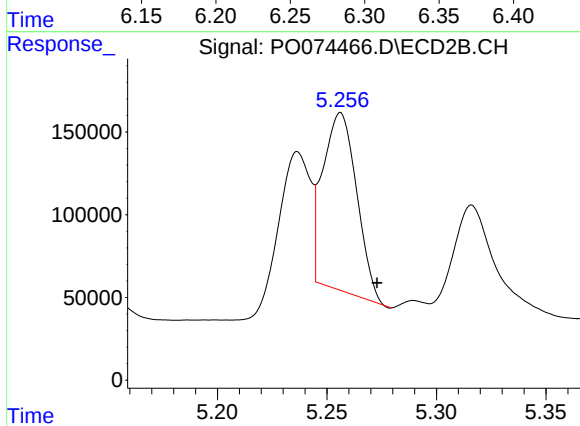
#3 AR-1016-1

R.T.: 5.256 min
Delta R.T.: 0.003 min
Response: 1153412
Conc: 504.27 ng/ml



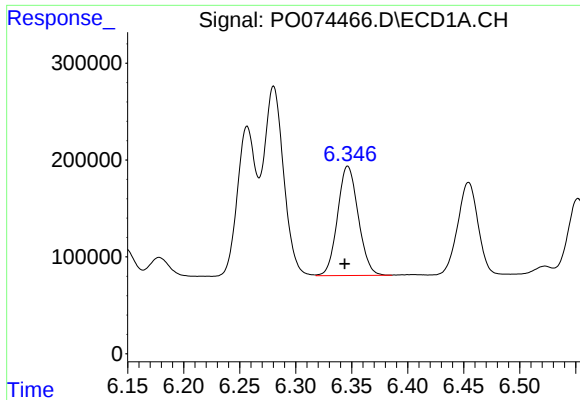
#4 AR-1016-2

R.T.: 6.280 min
Delta R.T.: 0.003 min
Response: 2424990
Conc: 425.81 ng/ml



#4 AR-1016-2

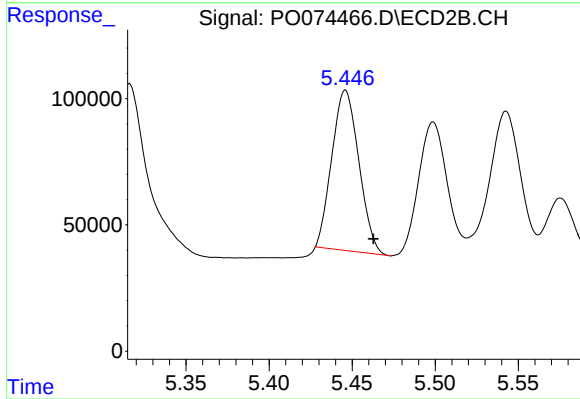
R.T.: 5.256 min
Delta R.T.: -0.017 min
Response: 1153412
Conc: 365.03 ng/ml



#5 AR-1016-3

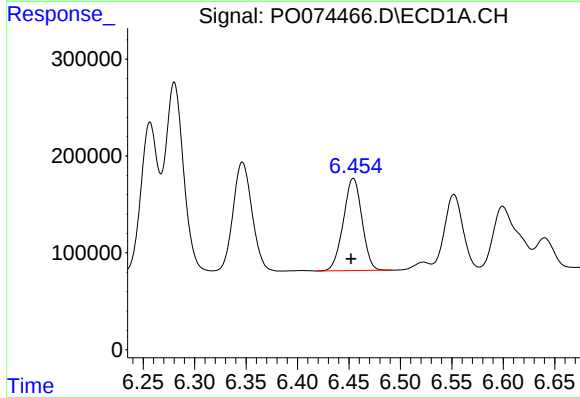
R.T.: 6.346 min
Delta R.T.: 0.003 min
Response: 1450926
Conc: 427.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



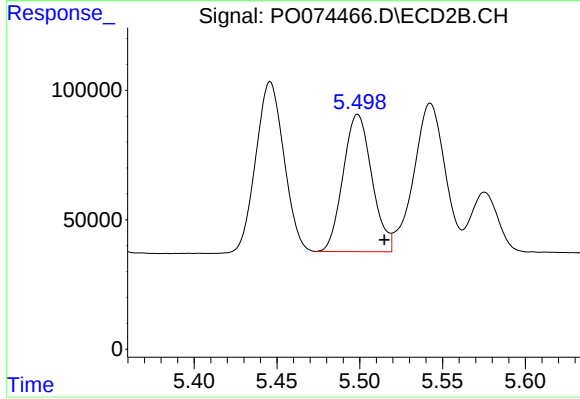
#5 AR-1016-3

R.T.: 5.446 min
Delta R.T.: -0.017 min
Response: 718438
Conc: 418.54 ng/ml



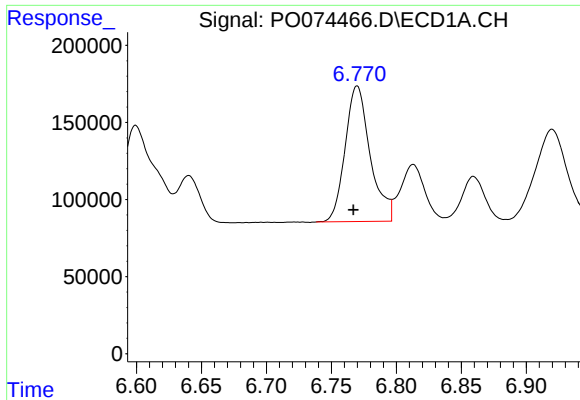
#6 AR-1016-4

R.T.: 6.454 min
Delta R.T.: 0.002 min
Response: 1198604
Conc: 421.56 ng/ml



#6 AR-1016-4

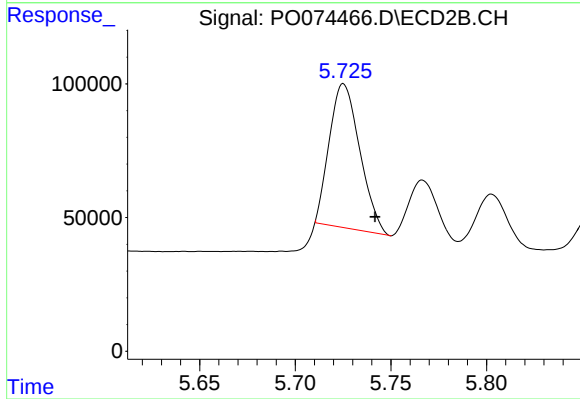
R.T.: 5.499 min
Delta R.T.: -0.016 min
Response: 641788
Conc: 456.65 ng/ml



#7 AR-1016-5

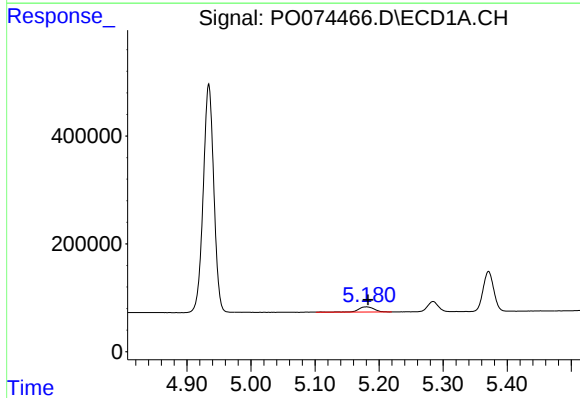
R.T.: 6.770 min
Delta R.T.: 0.003 min
Response: 1178830
Conc: 431.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



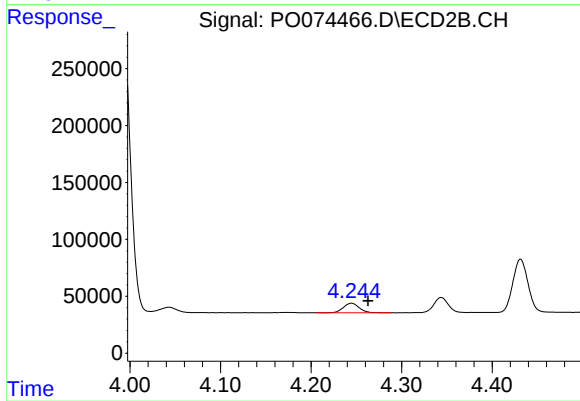
#7 AR-1016-5

R.T.: 5.725 min
Delta R.T.: -0.017 min
Response: 596095
Conc: 346.65 ng/ml



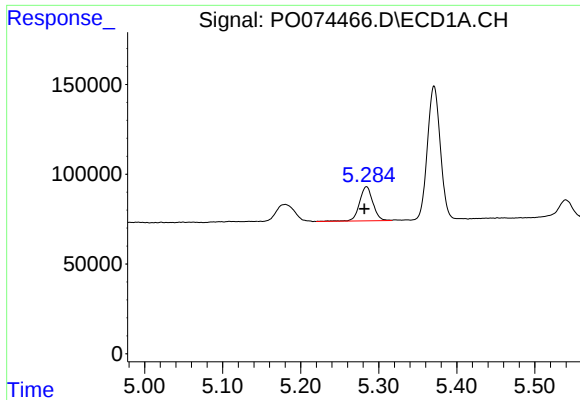
#8 AR-1221-1

R.T.: 5.180 min
Delta R.T.: -0.002 min
Response: 170848
Conc: 139.09 ng/ml



#8 AR-1221-1

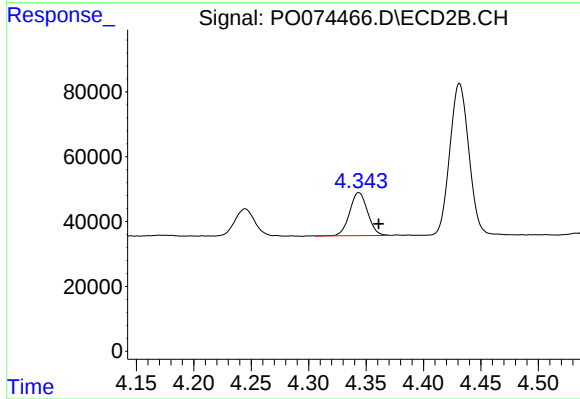
R.T.: 4.245 min
Delta R.T.: -0.018 min
Response: 101526
Conc: 142.89 ng/ml



#9 AR-1221-2

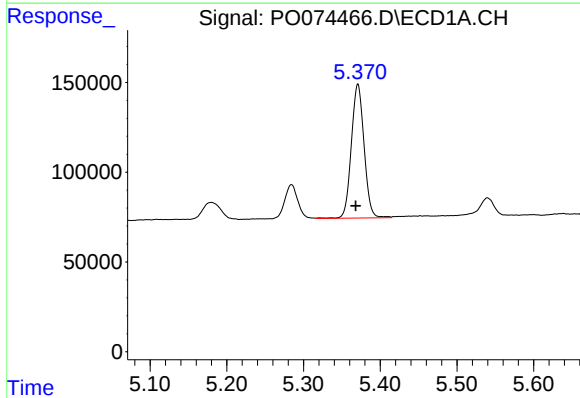
R.T.: 5.284 min
Delta R.T.: 0.003 min
Response: 227576
Conc: 252.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



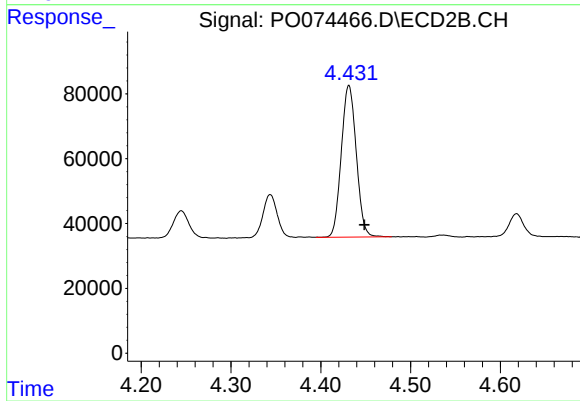
#9 AR-1221-2

R.T.: 4.344 min
Delta R.T.: -0.017 min
Response: 144575
Conc: 270.52 ng/ml



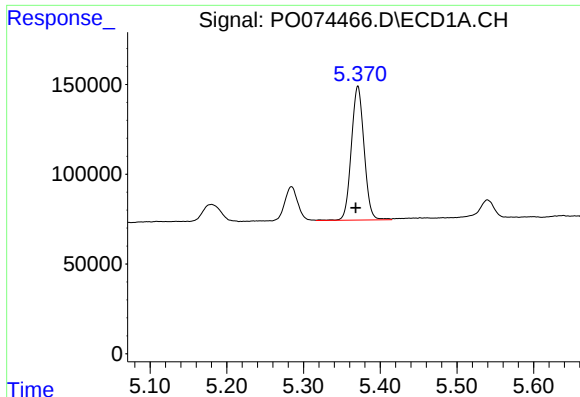
#10 AR-1221-3

R.T.: 5.371 min
Delta R.T.: 0.003 min
Response: 869177
Conc: 308.52 ng/ml



#10 AR-1221-3

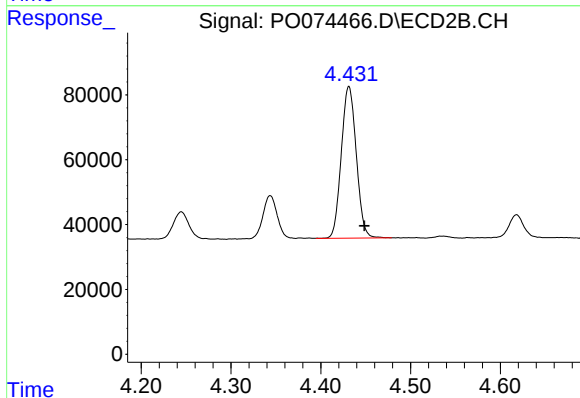
R.T.: 4.431 min
Delta R.T.: -0.017 min
Response: 542734
Conc: 339.42 ng/ml



#11 AR-1232-1

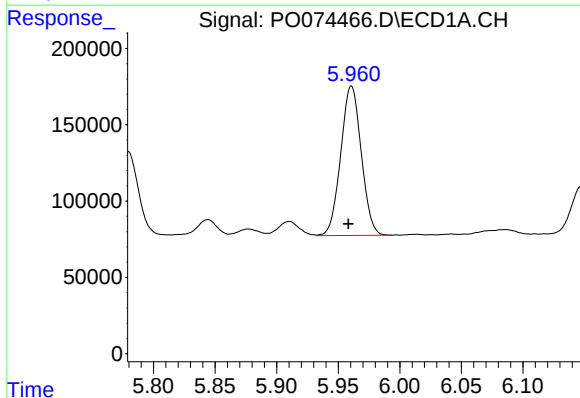
R.T.: 5.371 min
Delta R.T.: 0.003 min
Response: 869177
Conc: 379.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



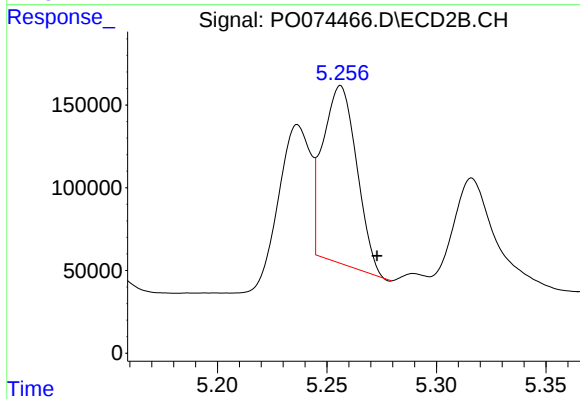
#11 AR-1232-1

R.T.: 4.431 min
Delta R.T.: -0.017 min
Response: 542734
Conc: 414.04 ng/ml



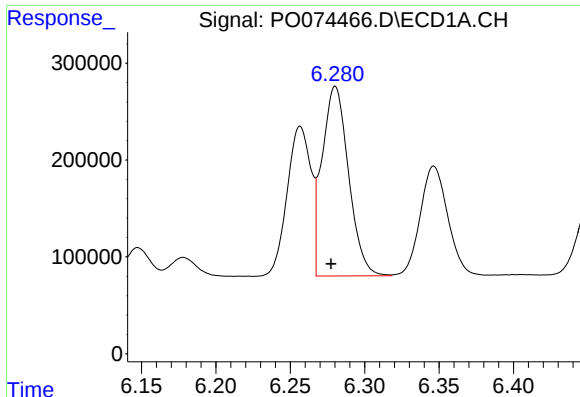
#12 AR-1232-2

R.T.: 5.961 min
Delta R.T.: 0.003 min
Response: 1136512
Conc: 988.49 ng/ml



#12 AR-1232-2

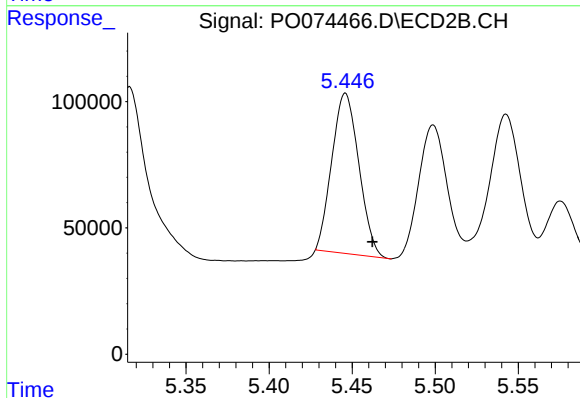
R.T.: 5.256 min
Delta R.T.: -0.017 min
Response: 1153412
Conc: 854.21 ng/ml



#13 AR-1232-3

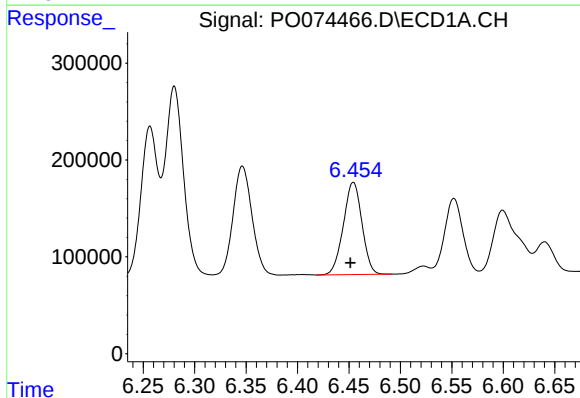
R.T.: 6.280 min
Delta R.T.: 0.003 min
Response: 2424990
Conc: 1005.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



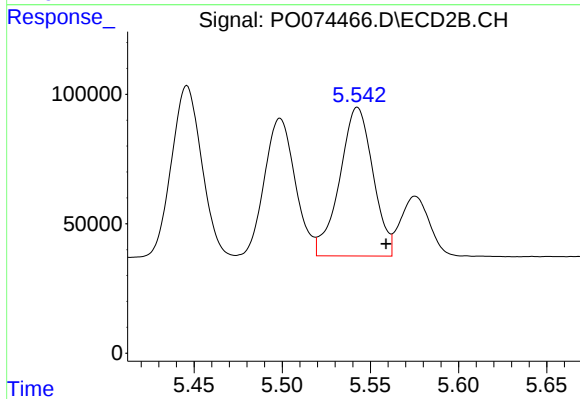
#13 AR-1232-3

R.T.: 5.446 min
Delta R.T.: -0.016 min
Response: 718438
Conc: 979.33 ng/ml



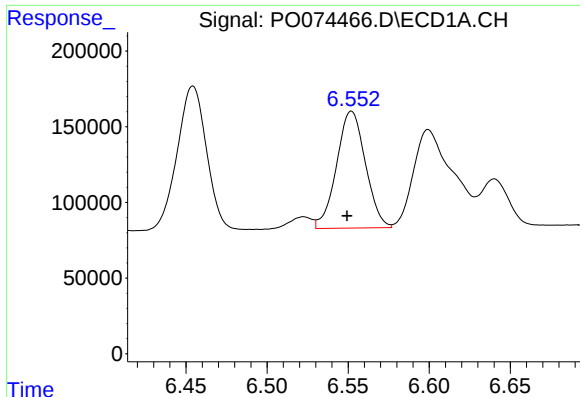
#14 AR-1232-4

R.T.: 6.454 min
Delta R.T.: 0.003 min
Response: 1198604
Conc: 997.24 ng/ml



#14 AR-1232-4

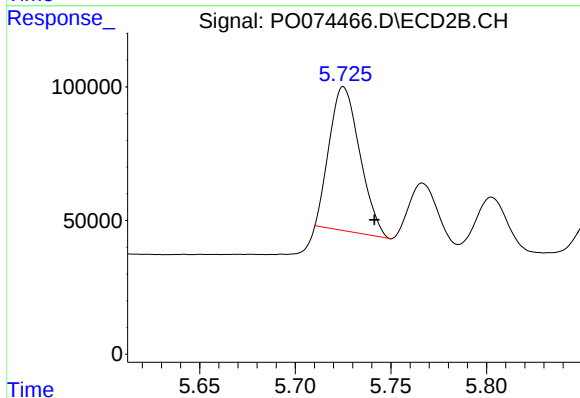
R.T.: 5.543 min
Delta R.T.: -0.016 min
Response: 755187
Conc: 1187.49 ng/ml



#15 AR-1232-5

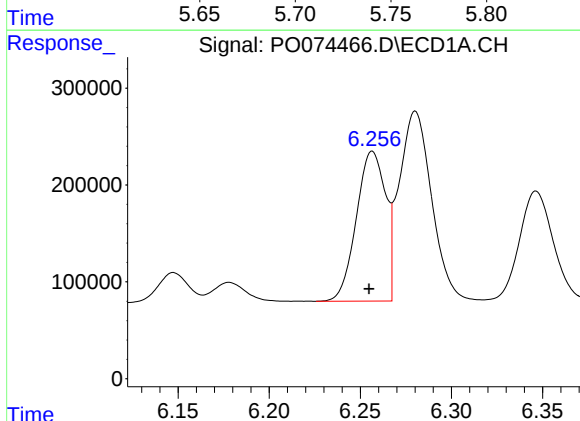
R.T.: 6.552 min
Delta R.T.: 0.003 min
Response: 958168
Conc: 1177.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



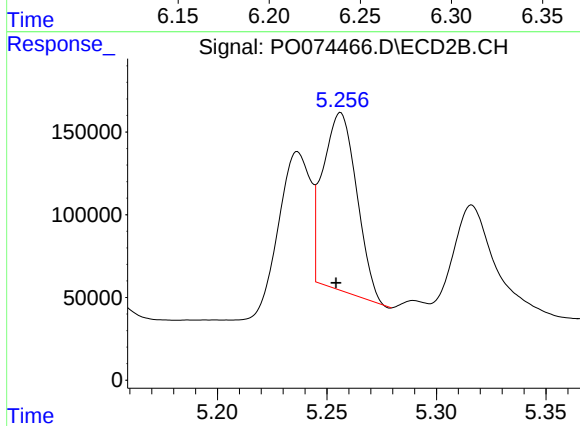
#15 AR-1232-5

R.T.: 5.725 min
Delta R.T.: -0.016 min
Response: 596095
Conc: 858.43 ng/ml



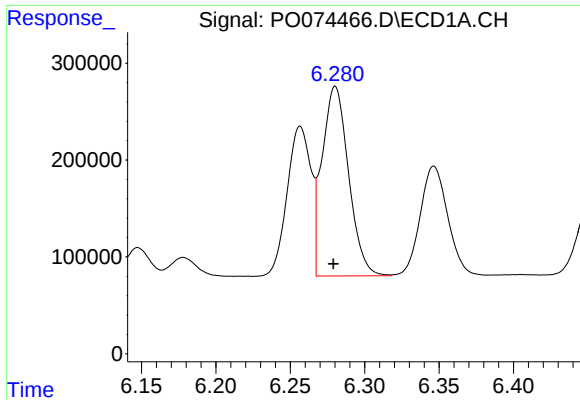
#16 AR-1242-1

R.T.: 6.257 min
Delta R.T.: 0.002 min
Response: 1725739
Conc: 535.93 ng/ml



#16 AR-1242-1

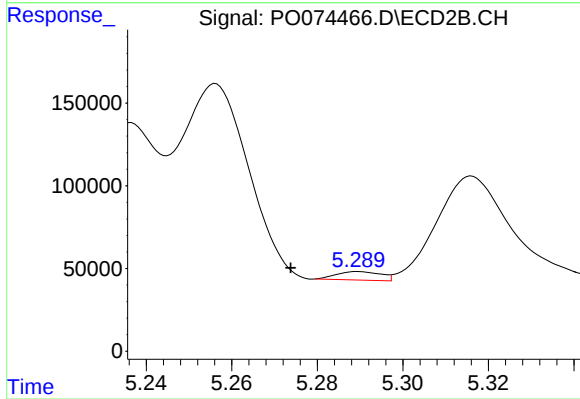
R.T.: 5.256 min
Delta R.T.: 0.002 min
Response: 1153412
Conc: 625.78 ng/ml



#17 AR-1242-2

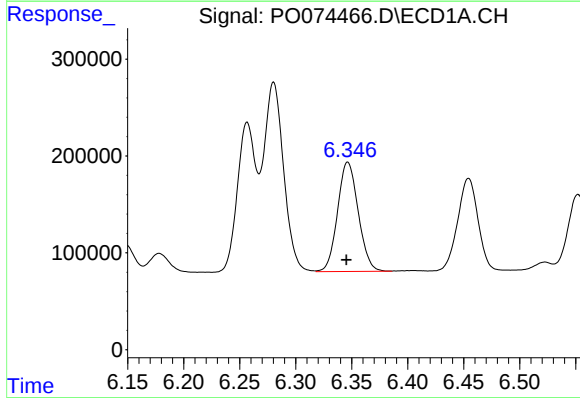
R.T.: 6.280 min
Delta R.T.: 0.001 min
Response: 2424990
Conc: 537.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



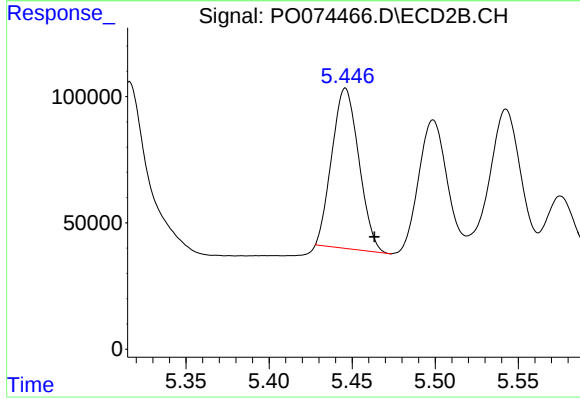
#17 AR-1242-2

R.T.: 5.290 min
Delta R.T.: 0.016 min
Response: 37130
Conc: 14.75 ng/ml



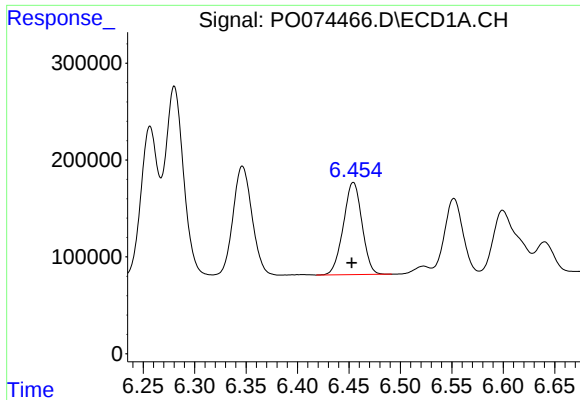
#18 AR-1242-3

R.T.: 6.346 min
Delta R.T.: 0.001 min
Response: 1450926
Conc: 532.28 ng/ml



#18 AR-1242-3

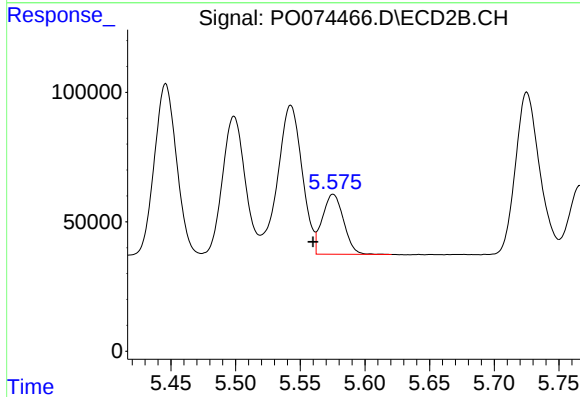
R.T.: 5.446 min
Delta R.T.: -0.017 min
Response: 718438
Conc: 529.06 ng/ml



#19 AR-1242-4

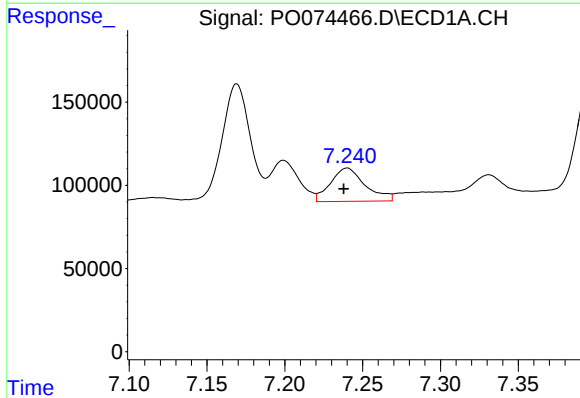
R.T.: 6.454 min
Delta R.T.: 0.002 min
Response: 1198604
Conc: 528.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



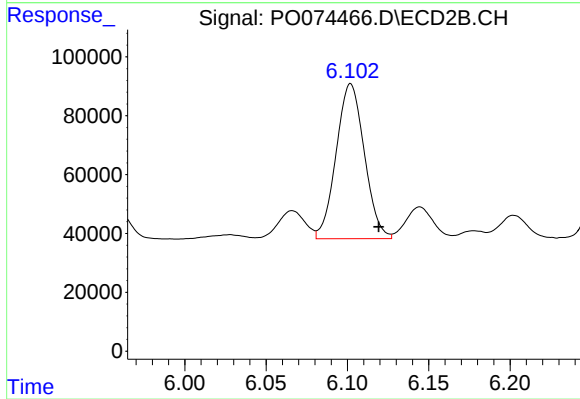
#19 AR-1242-4

R.T.: 5.575 min
Delta R.T.: 0.016 min
Response: 265184
Conc: 202.90 ng/ml



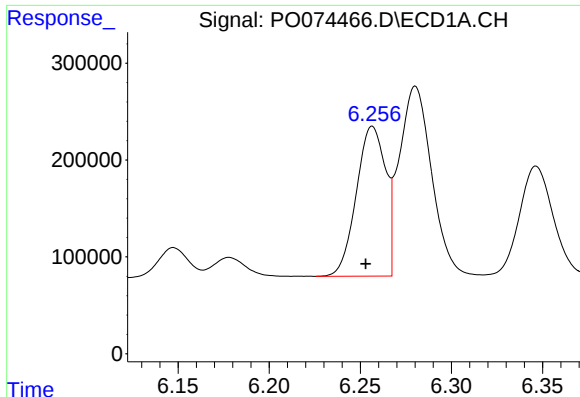
#20 AR-1242-5

R.T.: 7.240 min
Delta R.T.: 0.002 min
Response: 312464
Conc: 124.17 ng/ml



#20 AR-1242-5

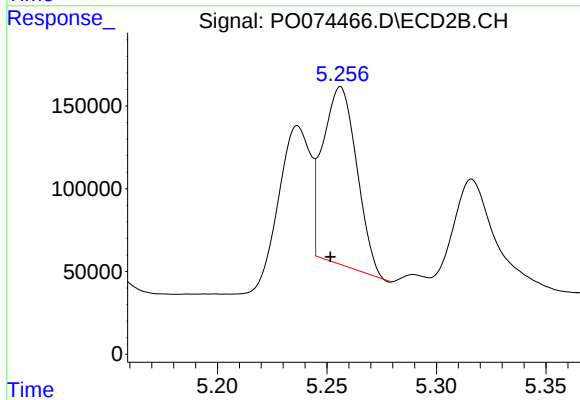
R.T.: 6.102 min
Delta R.T.: -0.017 min
Response: 635591
Conc: 363.02 ng/ml



#21 AR-1248-1

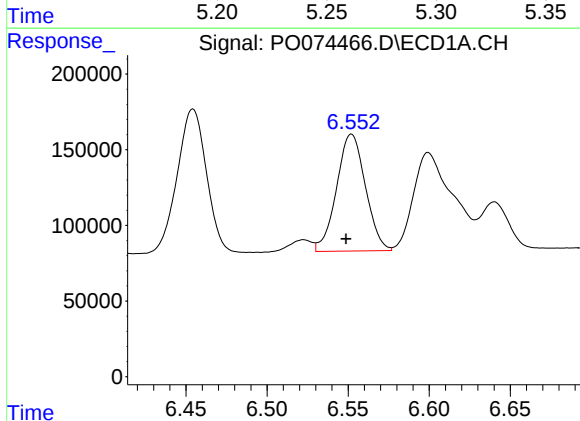
R.T.: 6.257 min
Delta R.T.: 0.004 min
Response: 1725739
Conc: 716.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



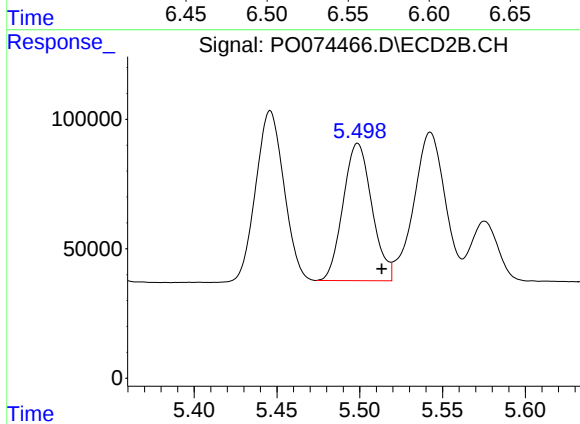
#21 AR-1248-1

R.T.: 5.256 min
Delta R.T.: 0.005 min
Response: 1153412
Conc: 838.65 ng/ml



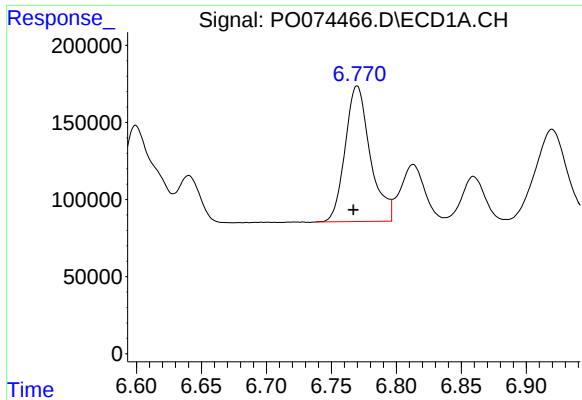
#22 AR-1248-2

R.T.: 6.552 min
Delta R.T.: 0.003 min
Response: 958168
Conc: 308.09 ng/ml



#22 AR-1248-2

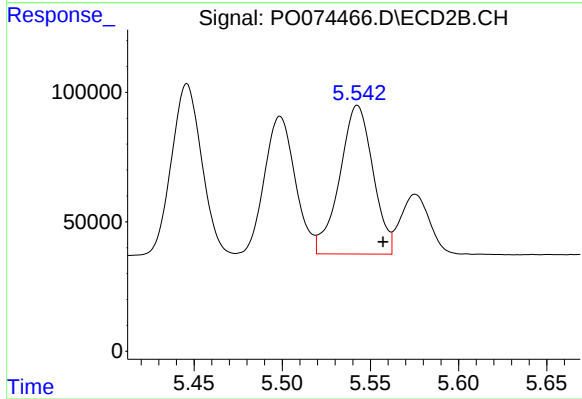
R.T.: 5.499 min
Delta R.T.: -0.014 min
Response: 641788
Conc: 341.50 ng/ml



#23 AR-1248-3

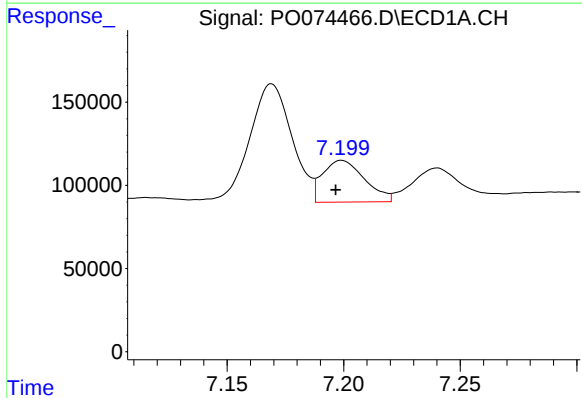
R.T.: 6.770 min
Delta R.T.: 0.003 min
Response: 1178830
Conc: 325.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



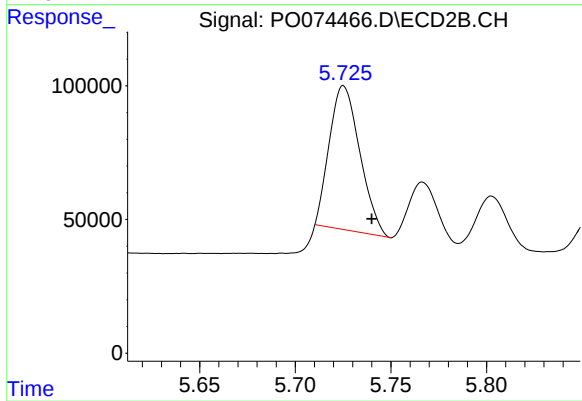
#23 AR-1248-3

R.T.: 5.543 min
Delta R.T.: -0.015 min
Response: 755187
Conc: 400.07 ng/ml



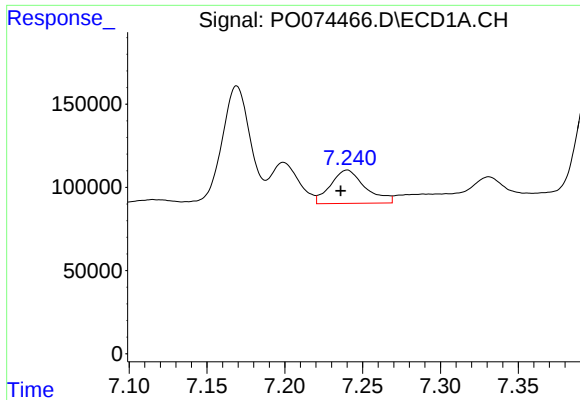
#24 AR-1248-4

R.T.: 7.199 min
Delta R.T.: 0.003 min
Response: 314649
Conc: 70.56 ng/ml



#24 AR-1248-4

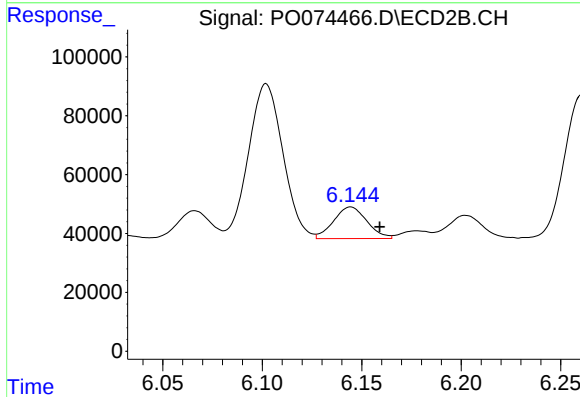
R.T.: 5.725 min
Delta R.T.: -0.015 min
Response: 596095
Conc: 264.65 ng/ml



#25 AR-1248-5

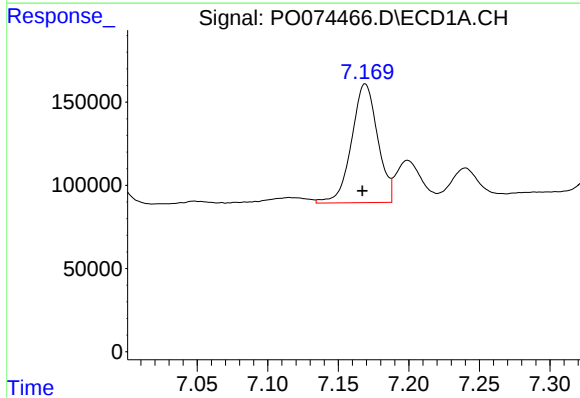
R.T.: 7.240 min
Delta R.T.: 0.004 min
Response: 312464
Conc: 74.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



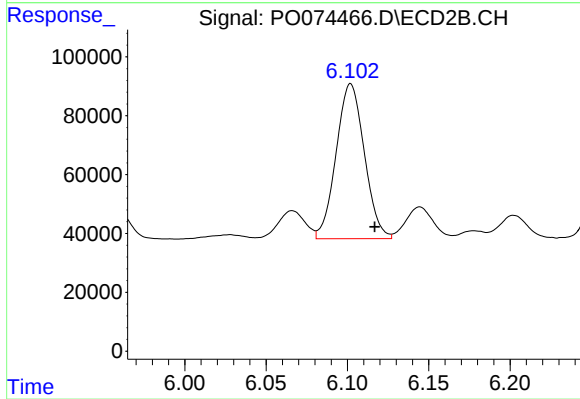
#25 AR-1248-5

R.T.: 6.145 min
Delta R.T.: -0.015 min
Response: 124414
Conc: 52.92 ng/ml



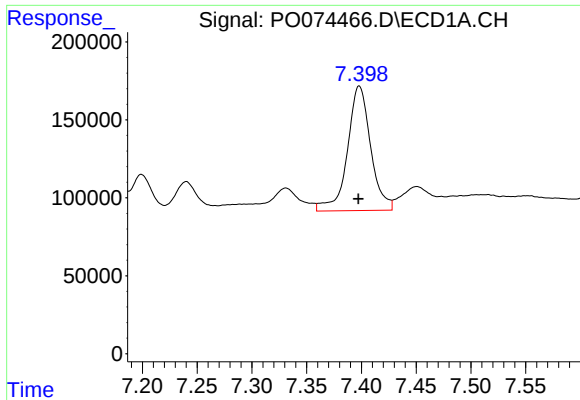
#26 AR-1254-1

R.T.: 7.169 min
Delta R.T.: 0.002 min
Response: 917256
Conc: 208.56 ng/ml



#26 AR-1254-1

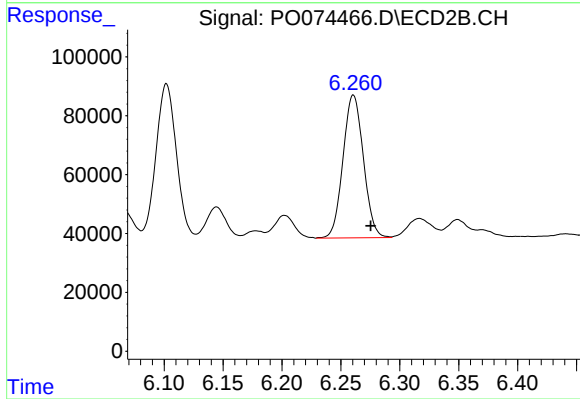
R.T.: 6.102 min
Delta R.T.: -0.015 min
Response: 635591
Conc: 175.97 ng/ml



#27 AR-1254-2

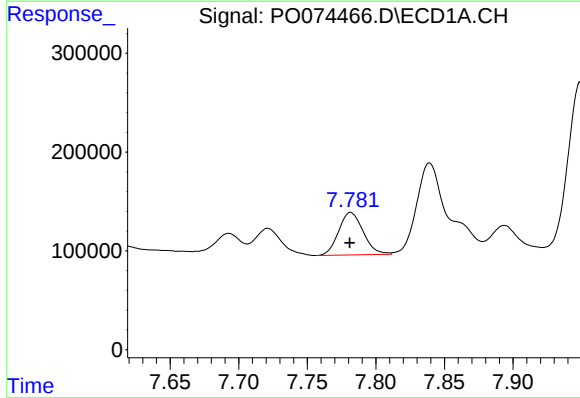
R.T.: 7.398 min
Delta R.T.: 0.000 min
Response: 1180891
Conc: 173.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



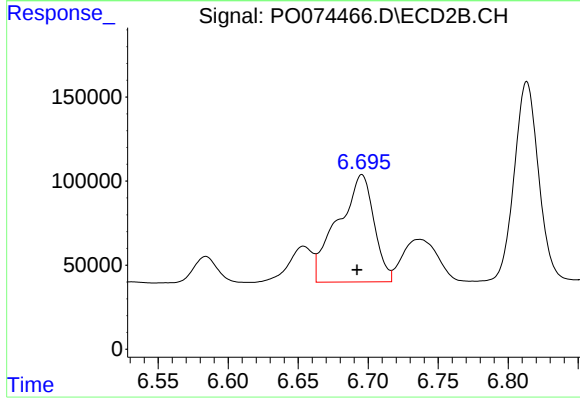
#27 AR-1254-2

R.T.: 6.261 min
Delta R.T.: -0.015 min
Response: 584843
Conc: 187.66 ng/ml



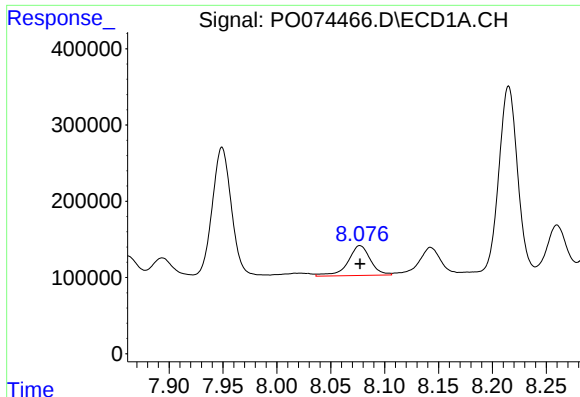
#28 AR-1254-3

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 537113
Conc: 76.57 ng/ml



#28 AR-1254-3

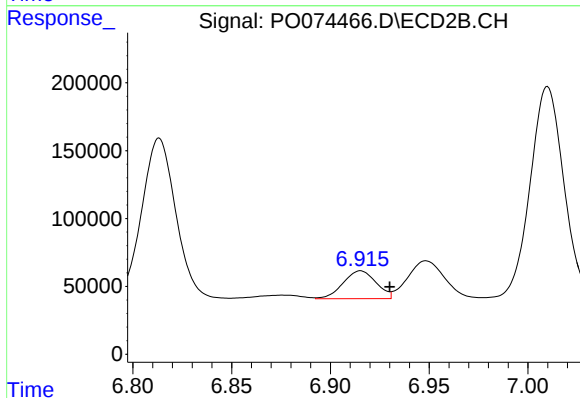
R.T.: 6.696 min
Delta R.T.: 0.003 min
Response: 1147388
Conc: 233.97 ng/ml



#29 AR-1254-4

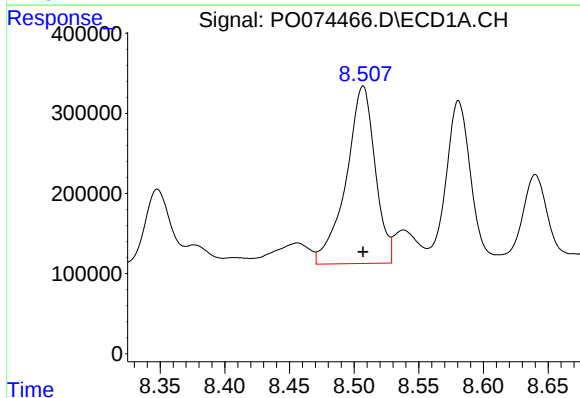
R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 568498
Conc: 93.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



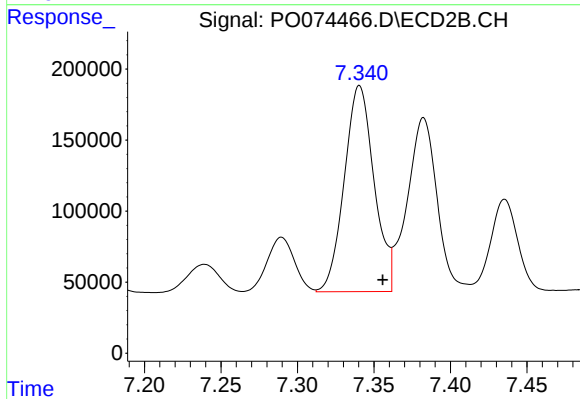
#29 AR-1254-4

R.T.: 6.915 min
Delta R.T.: -0.015 min
Response: 238839
Conc: 68.87 ng/ml



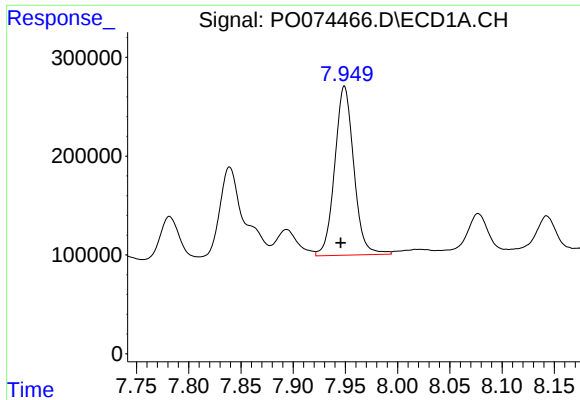
#30 AR-1254-5

R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 3459993
Conc: 595.63 ng/ml



#30 AR-1254-5

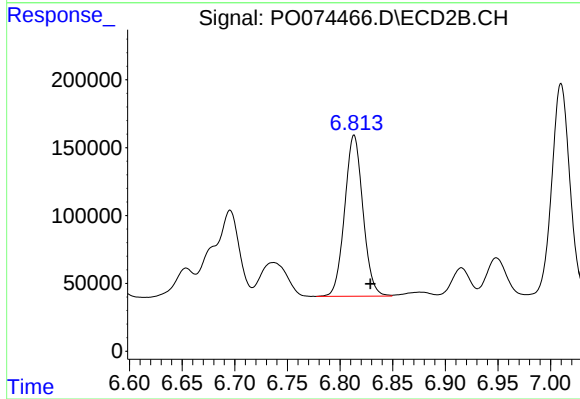
R.T.: 7.341 min
Delta R.T.: -0.015 min
Response: 1971910
Conc: 435.69 ng/ml



#31 AR-1260-1

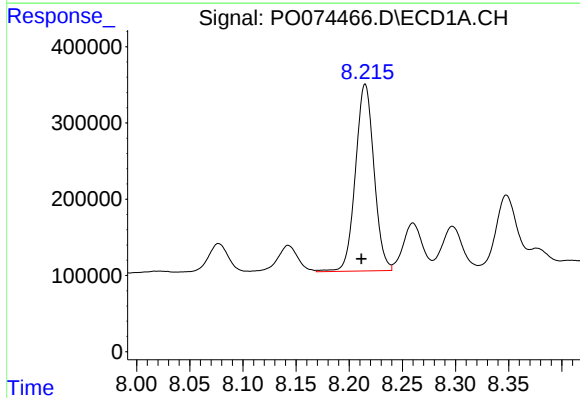
R.T.: 7.949 min
Delta R.T.: 0.003 min
Response: 2175288
Conc: 436.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



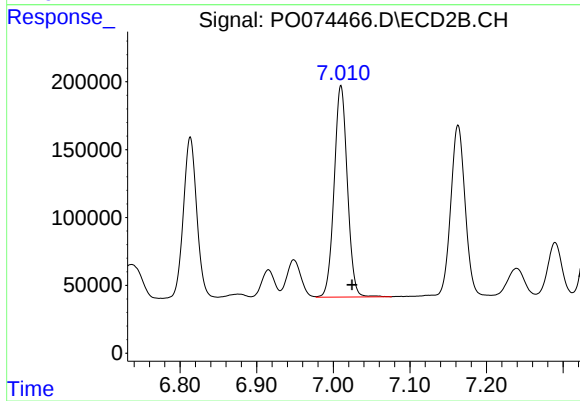
#31 AR-1260-1

R.T.: 6.813 min
Delta R.T.: -0.016 min
Response: 1436355
Conc: 450.23 ng/ml



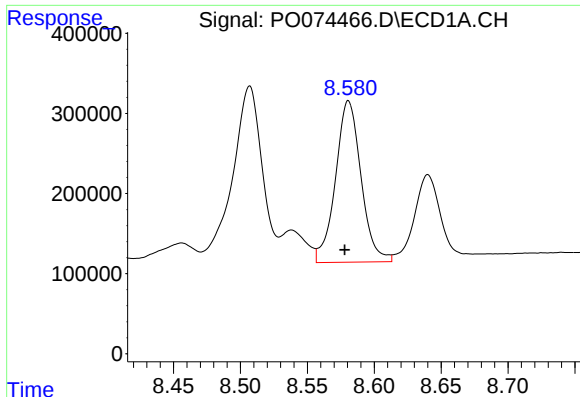
#32 AR-1260-2

R.T.: 8.215 min
Delta R.T.: 0.003 min
Response: 2976898
Conc: 437.64 ng/ml



#32 AR-1260-2

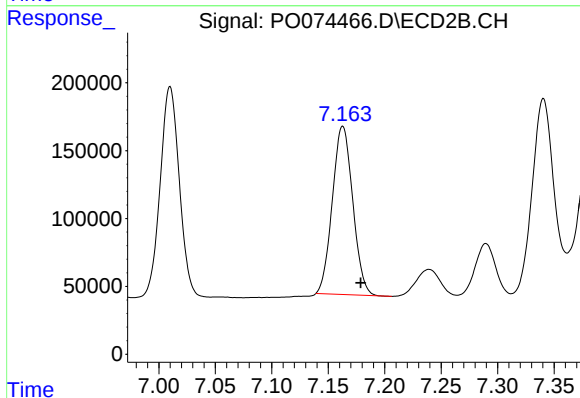
R.T.: 7.010 min
Delta R.T.: -0.015 min
Response: 1861699
Conc: 437.94 ng/ml



#33 AR-1260-3

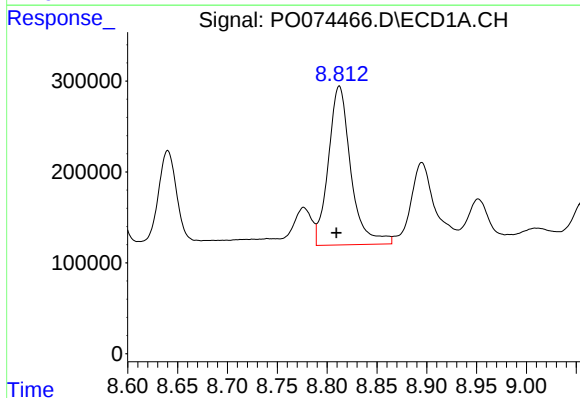
R.T.: 8.581 min
Delta R.T.: 0.003 min
Response: 2682802
Conc: 468.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



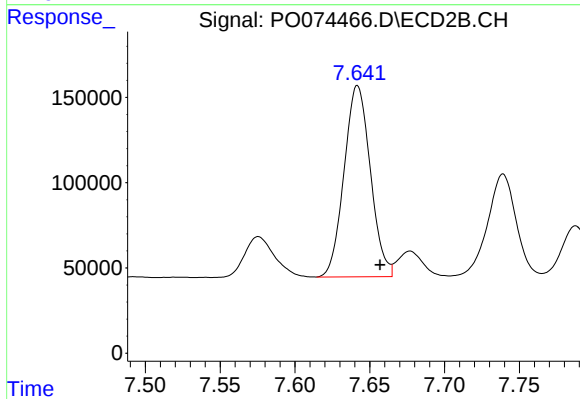
#33 AR-1260-3

R.T.: 7.163 min
Delta R.T.: -0.016 min
Response: 1559894
Conc: 432.89 ng/ml



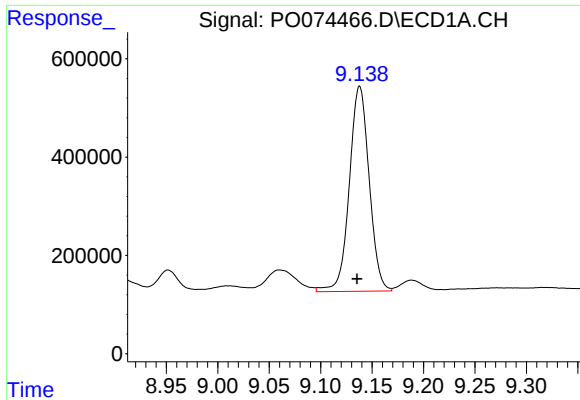
#34 AR-1260-4

R.T.: 8.812 min
Delta R.T.: 0.003 min
Response: 2747542
Conc: 502.17 ng/ml



#34 AR-1260-4

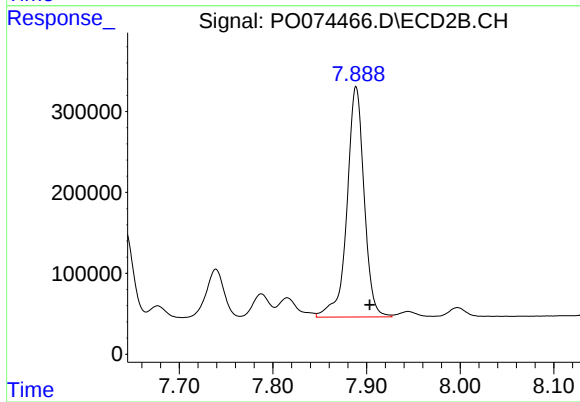
R.T.: 7.642 min
Delta R.T.: -0.015 min
Response: 1370983
Conc: 437.83 ng/ml



#35 AR-1260-5

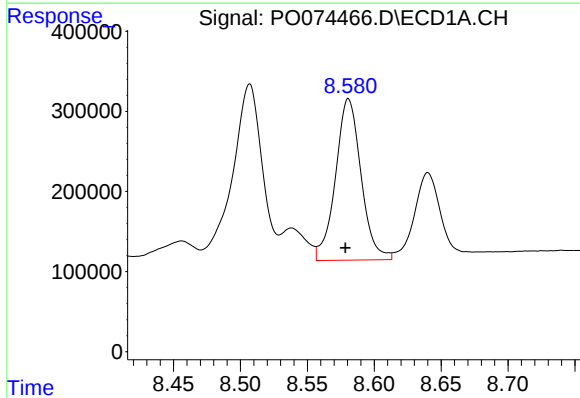
R.T.: 9.138 min
Delta R.T.: 0.002 min
Response: 5603901
Conc: 448.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



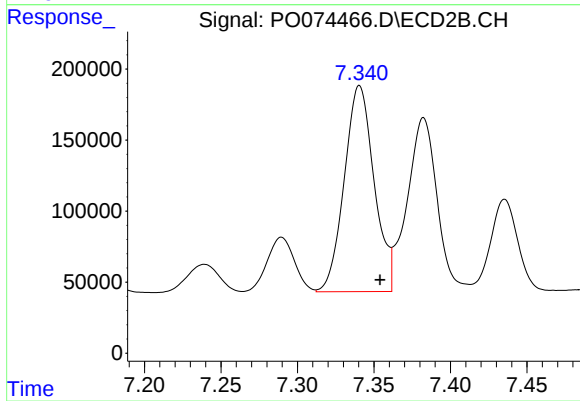
#35 AR-1260-5

R.T.: 7.889 min
Delta R.T.: -0.015 min
Response: 3623174
Conc: 455.82 ng/ml



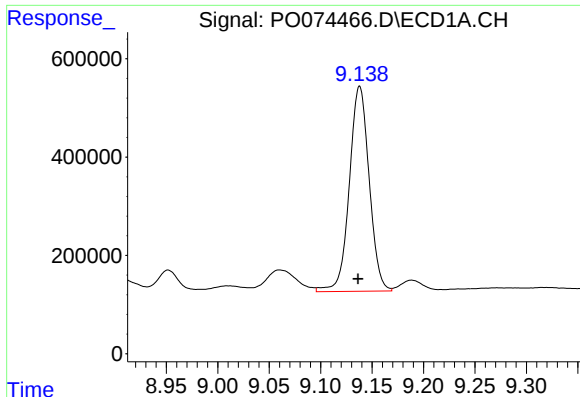
#36 AR-1262-1

R.T.: 8.581 min
Delta R.T.: 0.002 min
Response: 2682802
Conc: 301.30 ng/ml



#36 AR-1262-1

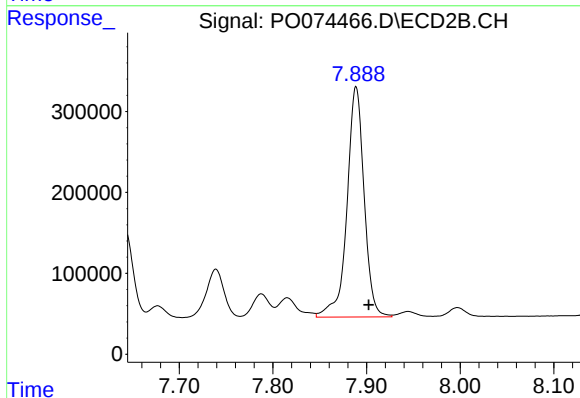
R.T.: 7.341 min
Delta R.T.: -0.013 min
Response: 1971910
Conc: 774.95 ng/ml



#37 AR-1262-2

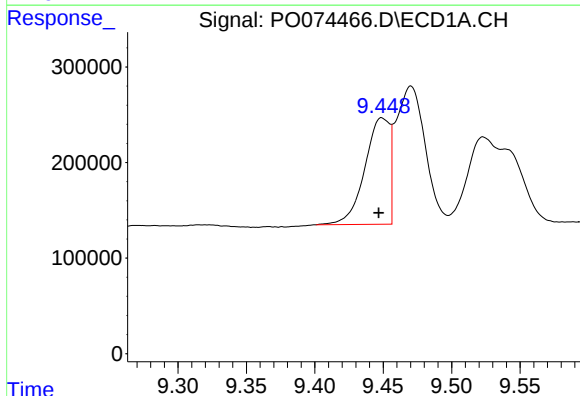
R.T.: 9.138 min
Delta R.T.: 0.002 min
Response: 5603901
Conc: 366.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



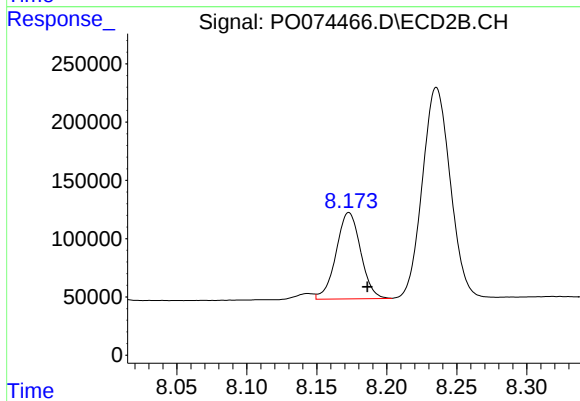
#37 AR-1262-2

R.T.: 7.889 min
Delta R.T.: -0.013 min
Response: 3623174
Conc: 394.07 ng/ml



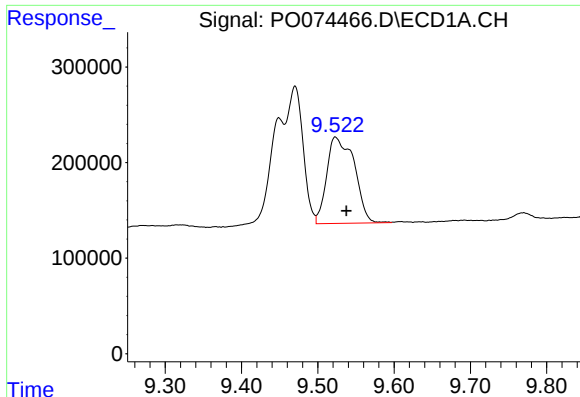
#38 AR-1262-3

R.T.: 9.449 min
Delta R.T.: 0.002 min
Response: 1404759
Conc: 140.25 ng/ml



#38 AR-1262-3

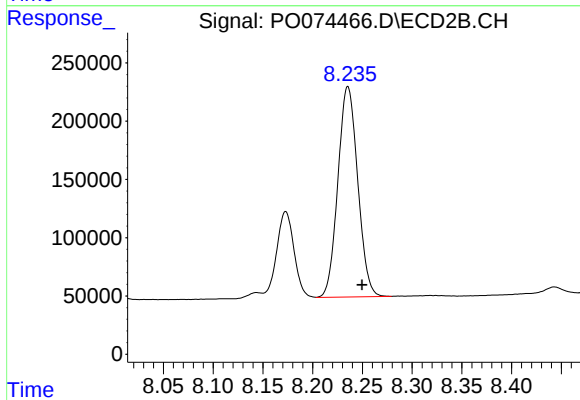
R.T.: 8.173 min
Delta R.T.: -0.013 min
Response: 906284
Conc: 229.19 ng/ml



#39 AR-1262-4

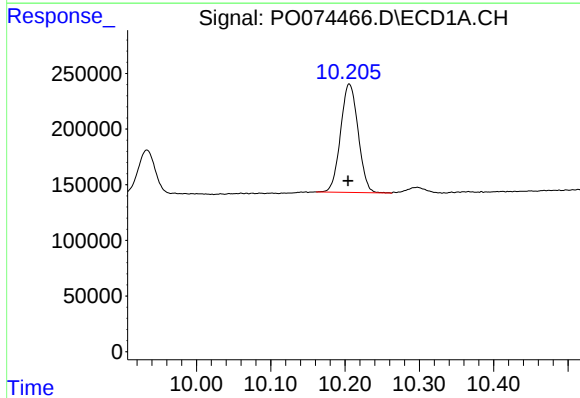
R.T.: 9.523 min
Delta R.T.: -0.014 min
Response: 2269371
Conc: 304.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



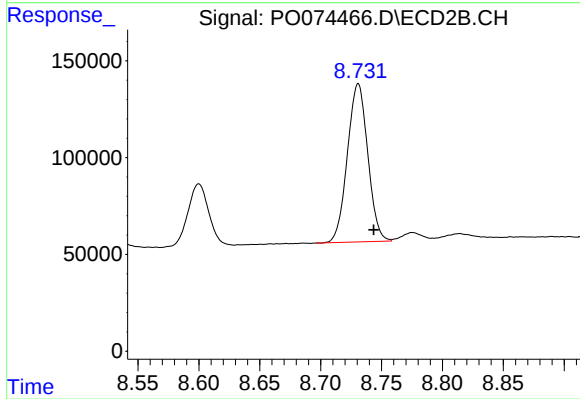
#39 AR-1262-4

R.T.: 8.235 min
Delta R.T.: -0.014 min
Response: 2505423
Conc: 378.17 ng/ml



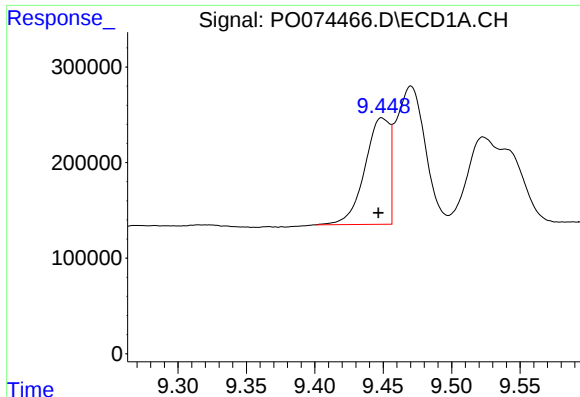
#40 AR-1262-5

R.T.: 10.206 min
Delta R.T.: 0.002 min
Response: 1599630
Conc: 305.76 ng/ml



#40 AR-1262-5

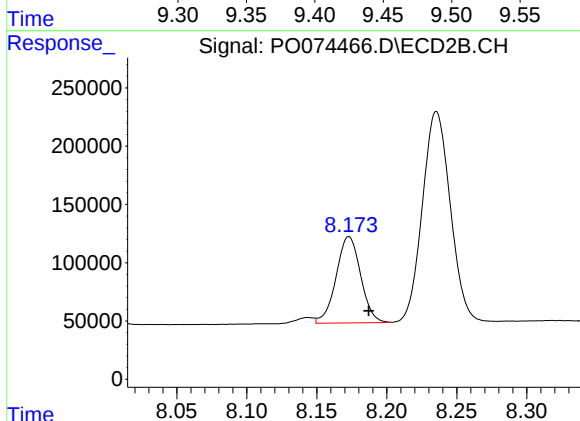
R.T.: 8.731 min
Delta R.T.: -0.013 min
Response: 952733
Conc: 308.59 ng/ml



#41 AR-1268-1

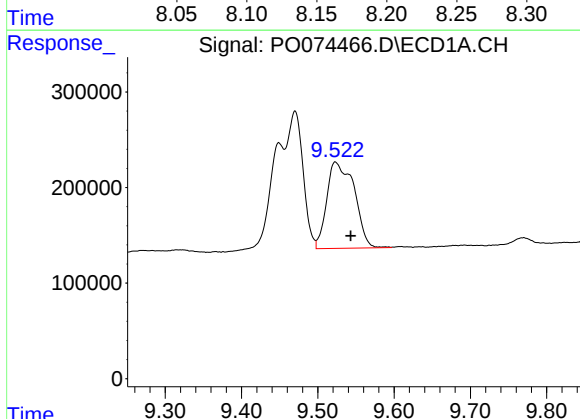
R.T.: 9.449 min
Delta R.T.: 0.003 min
Response: 1404759
Conc: 75.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



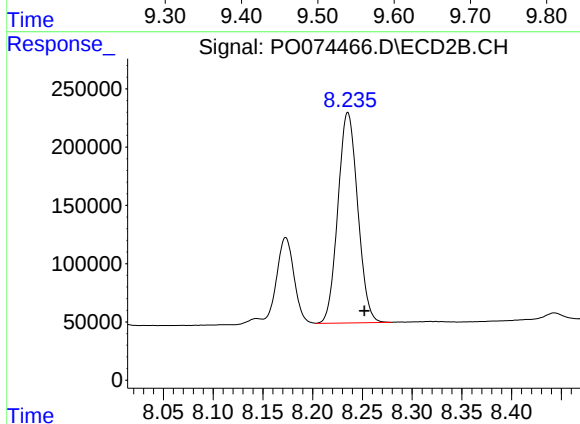
#41 AR-1268-1

R.T.: 8.173 min
Delta R.T.: -0.014 min
Response: 906284
Conc: 80.96 ng/ml



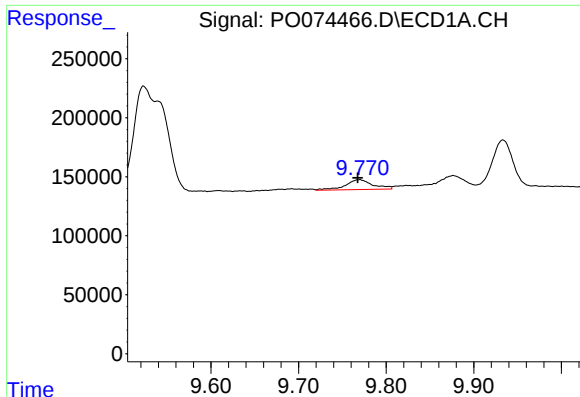
#42 AR-1268-2

R.T.: 9.523 min
Delta R.T.: -0.020 min
Response: 2269371
Conc: 142.24 ng/ml



#42 AR-1268-2

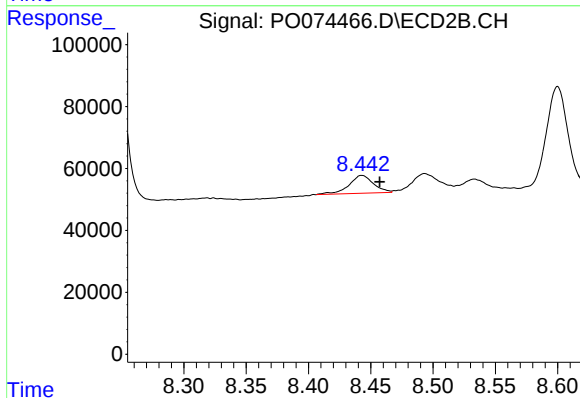
R.T.: 8.235 min
Delta R.T.: -0.016 min
Response: 2505423
Conc: 261.88 ng/ml



#43 AR-1268-3

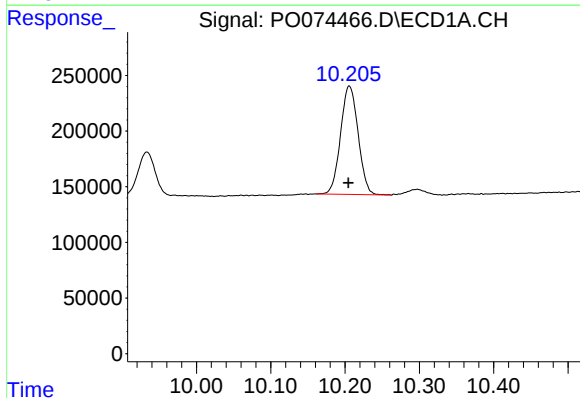
R.T.: 9.770 min
Delta R.T.: 0.002 min
Response: 184834
Conc: 13.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



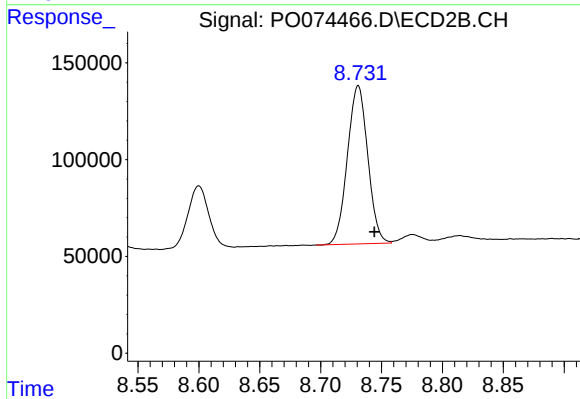
#43 AR-1268-3

R.T.: 8.443 min
Delta R.T.: -0.014 min
Response: 78891
Conc: 9.49 ng/ml



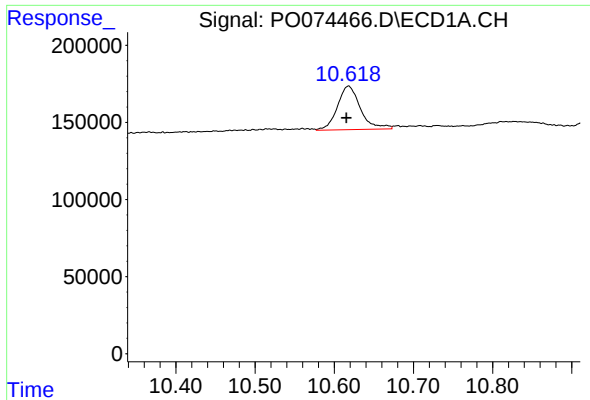
#44 AR-1268-4

R.T.: 10.206 min
Delta R.T.: 0.002 min
Response: 1599630
Conc: 273.04 ng/ml



#44 AR-1268-4

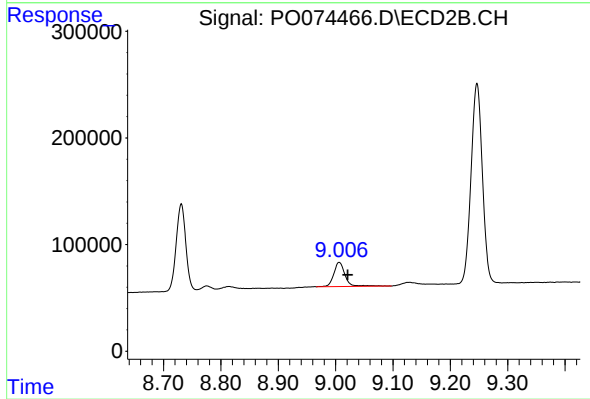
R.T.: 8.731 min
Delta R.T.: -0.013 min
Response: 952733
Conc: 274.63 ng/ml



#45 AR-1268-5

R.T.: 10.618 min
Delta R.T.: 0.002 min
Response: 572296
Conc: 13.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.006 min
Delta R.T.: -0.015 min
Response: 312382
Conc: 13.19 ng/ml