

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102720\
 Data File : PO072823.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Oct 2020 17:18
 Operator : DD\AJ
 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: Oct 28 07:32:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102620.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 27 16:48:42 2020
 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...	4.949	4.023	2097278	1563046	45.488	44.598
2)	SA Decachlor...	10.981	9.310	1923580	1809563	52.066	54.262
Target Compounds							
3)	L1 AR-1016-1	6.272	5.277	828324	655289	485.228	456.509
4)	L1 AR-1016-2	6.296	5.298	1153329	880064	488.847	454.833
5)	L1 AR-1016-3	6.362	5.488	713139	492382	494.250	469.593
6)	L1 AR-1016-4	6.470	5.540	590966	412639	503.002	476.281
7)	L1 AR-1016-5	6.786	5.768	572932	512614	533.989	476.992
8)	L2 AR-1221-1	5.195	4.279	82064	57797	148.684	128.206
9)	L2 AR-1221-2	5.299	4.378	119819	85456	294.236	251.624
10)	L2 AR-1221-3	5.386	4.467	433780	323159	351.921	317.925
11)	L3 AR-1232-1	5.386	4.467	433780	323159	407.177	368.633
12)	L3 AR-1232-2	5.977	5.298	561985	880064	1061.555	1004.778
13)	L3 AR-1232-3	6.296	5.488	1153329	492382	1115.522	1048.056
14)	L3 AR-1232-4	6.470	5.585	590966	486306	1149.892	1142.012
15)	L3 AR-1232-5	6.568	5.768	482172	512614	1362.317	1098.648
16)	L4 AR-1242-1	6.272	5.277	828324	655289	595.391	557.329
17)	L4 AR-1242-2	6.296	5.298	1153329	880064	603.315	554.176
18)	L4 AR-1242-3	6.362	5.488	713139	492382	602.232	569.581
19)	L4 AR-1242-4	6.470	5.585	590966	486306	610.412	585.911
20)	L4 AR-1242-5	7.256	6.146	100755	391066	98.360	364.430 #
21)	L5 AR-1248-1	6.272	5.277	828324	655289	802.732	691.215
22)	L5 AR-1248-2	6.568	5.540	482172	412639	366.752	328.075
23)	L5 AR-1248-3	6.786	5.585	572932	486306	386.688	376.029
24)	L5 AR-1248-4	7.216	5.768	119970	512614	66.431	329.936 #
25)	L5 AR-1248-5	7.256	6.188	100755	77381	58.453	50.259
26)	L6 AR-1254-1	7.185	6.146	401065	391066	231.423	173.746
27)	L6 AR-1254-2	7.415	6.305	419146	366085	156.868	182.266
28)	L6 AR-1254-3	7.798	6.742f	247795	721575	91.688	227.115 #
29)	L6 AR-1254-4	8.094	6.961	198350	146337	90.511	67.283 #
30)	L6 AR-1254-5	8.523	7.388	1366197	1319650	620.536	474.133
31)	L7 AR-1260-1	7.966	6.860	947889	971157	509.656	488.384
32)	L7 AR-1260-2	8.232	7.057	1180247	1245384	519.274	497.034
33)	L7 AR-1260-3	8.598	7.211	942942	1101325	549.935	499.659
34)	L7 AR-1260-4	8.829	7.692	1054357	941753	527.814	511.700
35)	L7 AR-1260-5	9.157	7.939	2152468	2255111	530.665	513.099
36)	L8 AR-1262-1	8.598	7.388	942942	1319650	394.250	951.749 #
37)	L8 AR-1262-2	9.157	7.939	2152468	2255111	486.523	494.328
38)	L8 AR-1262-3	9.490f	8.225	1420634	533330	441.607	291.460 #
39)	L8 AR-1262-4	9.562	8.287	374623	1654495	156.177	496.975 #
40)	L8 AR-1262-5	10.231	8.782	659460	643670	392.737	393.073
41)	L9 AR-1268-1	9.490f	8.225	1420634	533330	256.251	102.340 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102720\
 Data File : PO072823.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Oct 2020 17:18
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

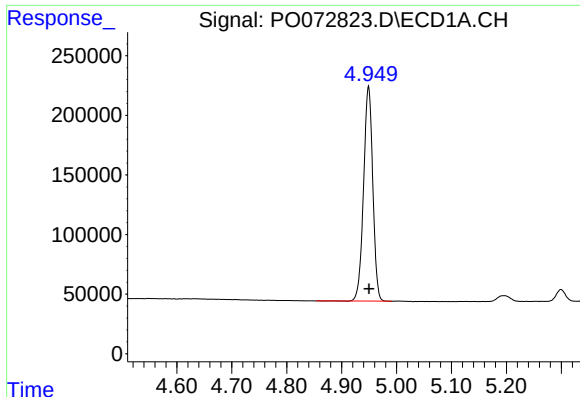
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 07:32:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102620.M
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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	9.562	8.287	374623	1654495	74.007	353.197 #
43) L9	AR-1268-3	9.791	8.498	56964	68700	13.132	16.326
44) L9	AR-1268-4	10.231	8.782	659460	643670	348.869	350.195
45) L9	AR-1268-5	10.644	9.063	196425	183970	14.159	14.205

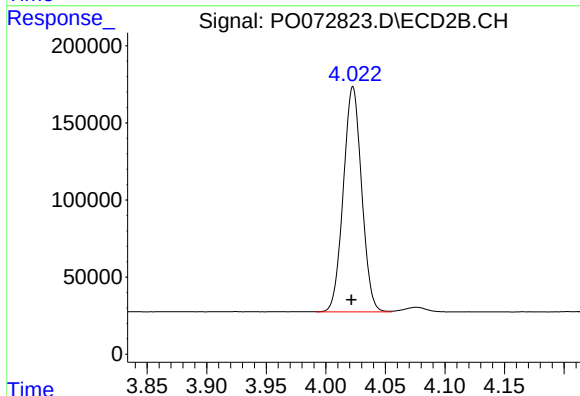
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

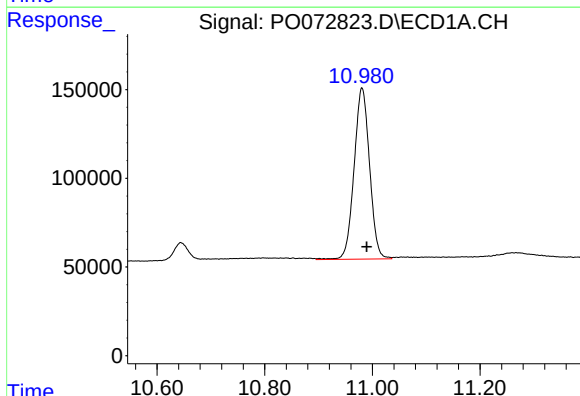
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 2097278
Conc: 45.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



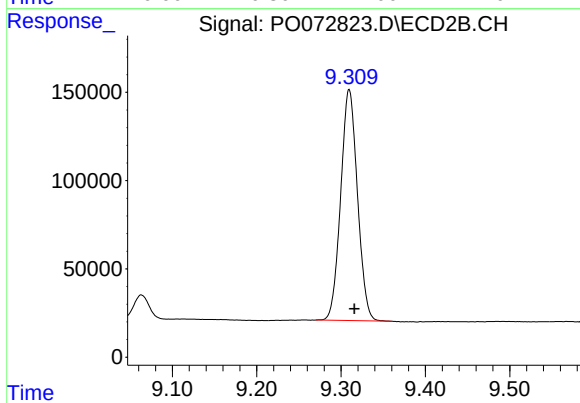
#1 Tetrachloro-m-xylene

R.T.: 4.023 min
Delta R.T.: 0.001 min
Response: 1563046
Conc: 44.60 ng/ml



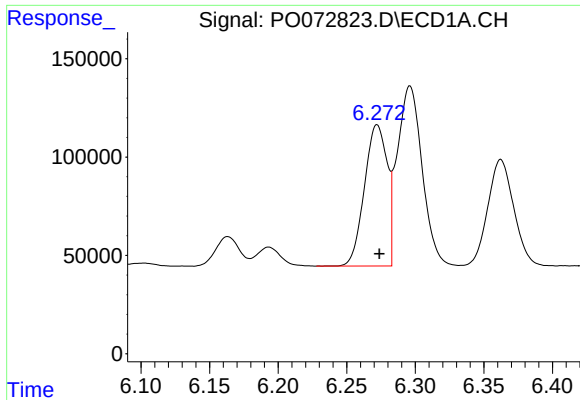
#2 Decachlorobiphenyl

R.T.: 10.981 min
Delta R.T.: -0.009 min
Response: 1923580
Conc: 52.07 ng/ml



#2 Decachlorobiphenyl

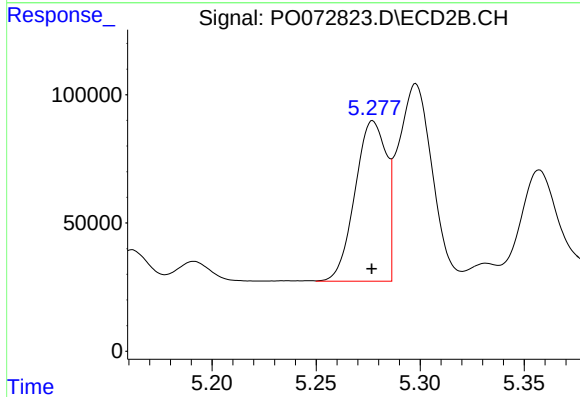
R.T.: 9.310 min
Delta R.T.: -0.006 min
Response: 1809563
Conc: 54.26 ng/ml



#3 AR-1016-1

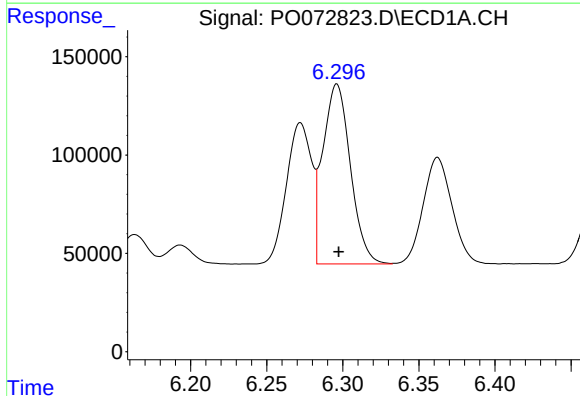
R.T.: 6.272 min
Delta R.T.: -0.002 min
Response: 828324
Conc: 485.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



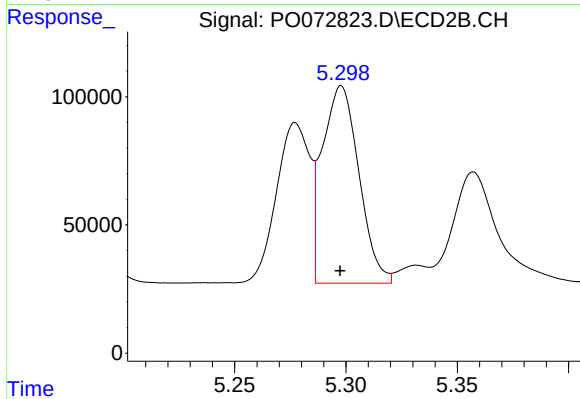
#3 AR-1016-1

R.T.: 5.277 min
Delta R.T.: 0.000 min
Response: 655289
Conc: 456.51 ng/ml



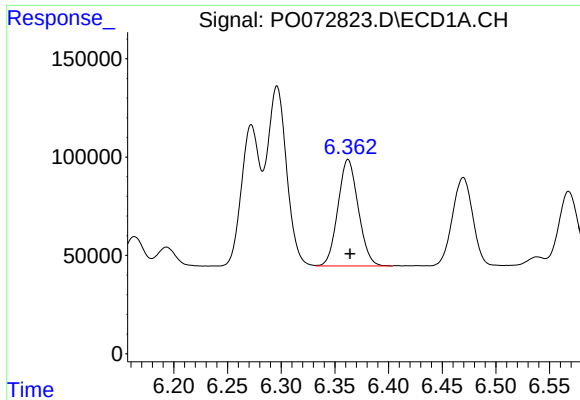
#4 AR-1016-2

R.T.: 6.296 min
Delta R.T.: -0.001 min
Response: 1153329
Conc: 488.85 ng/ml



#4 AR-1016-2

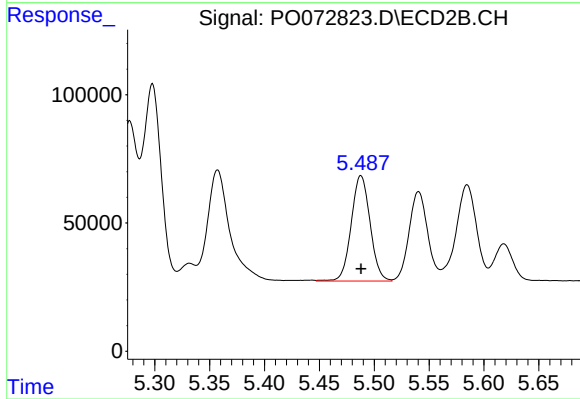
R.T.: 5.298 min
Delta R.T.: 0.000 min
Response: 880064
Conc: 454.83 ng/ml



#5 AR-1016-3

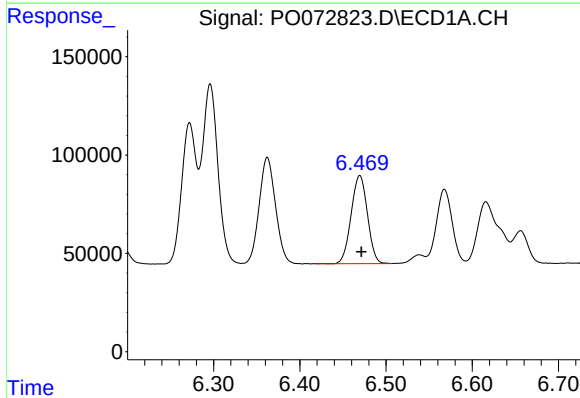
R.T.: 6.362 min
Delta R.T.: -0.002 min
Response: 713139
Conc: 494.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



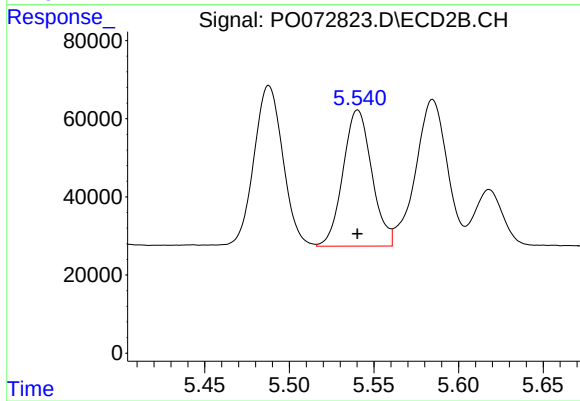
#5 AR-1016-3

R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 492382
Conc: 469.59 ng/ml



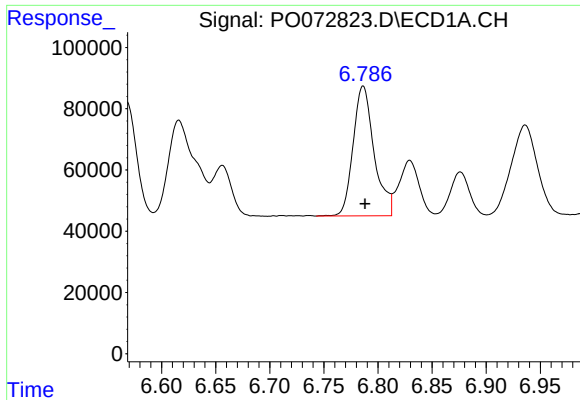
#6 AR-1016-4

R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 590966
Conc: 503.00 ng/ml



#6 AR-1016-4

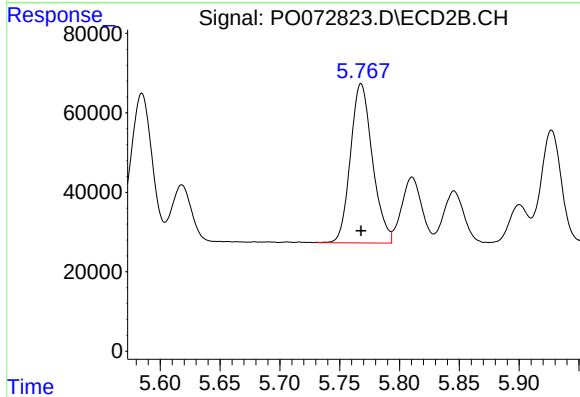
R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 412639
Conc: 476.28 ng/ml



#7 AR-1016-5

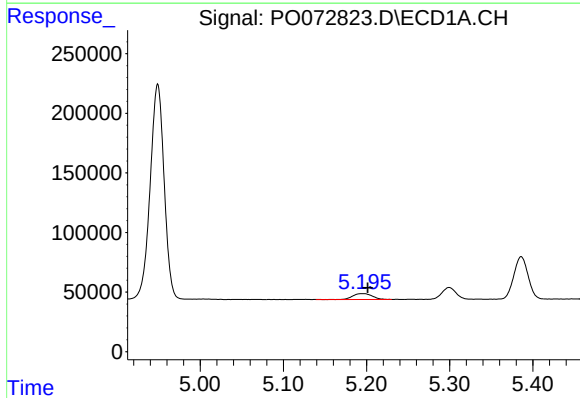
R.T.: 6.786 min
Delta R.T.: -0.002 min
Response: 572932
Conc: 533.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



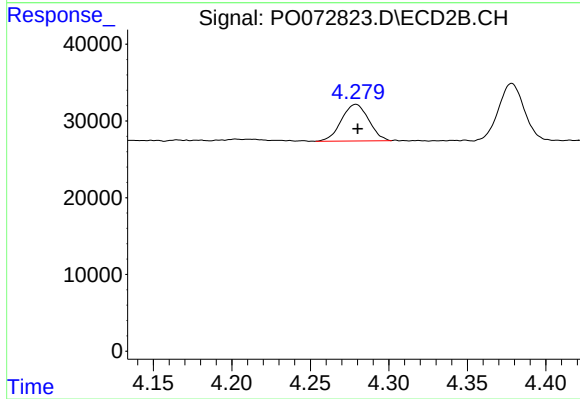
#7 AR-1016-5

R.T.: 5.768 min
Delta R.T.: 0.000 min
Response: 512614
Conc: 476.99 ng/ml



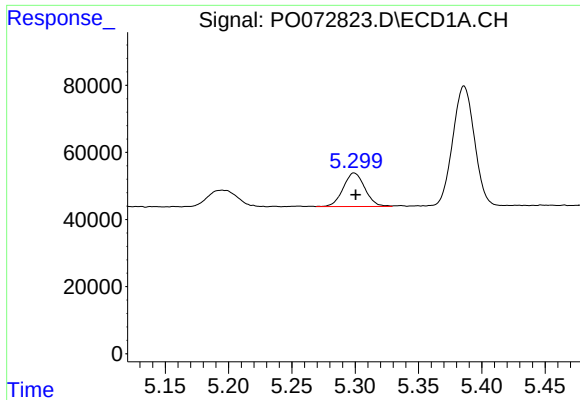
#8 AR-1221-1

R.T.: 5.195 min
Delta R.T.: -0.006 min
Response: 82064
Conc: 148.68 ng/ml



#8 AR-1221-1

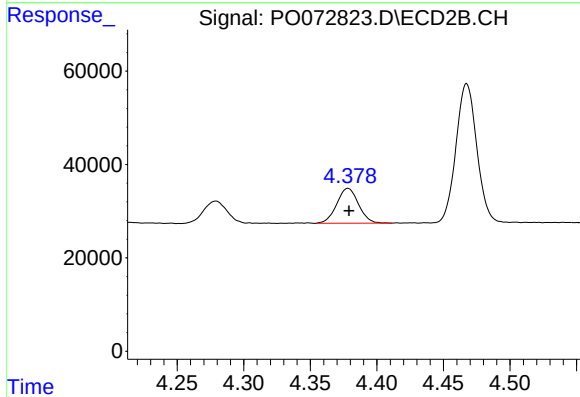
R.T.: 4.279 min
Delta R.T.: -0.001 min
Response: 57797
Conc: 128.21 ng/ml



#9 AR-1221-2

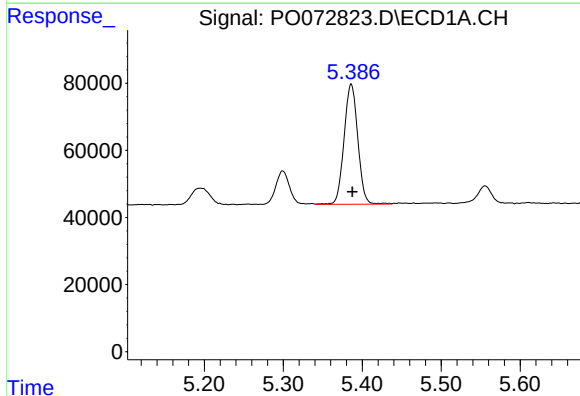
R.T.: 5.299 min
Delta R.T.: -0.001 min
Response: 119819
Conc: 294.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



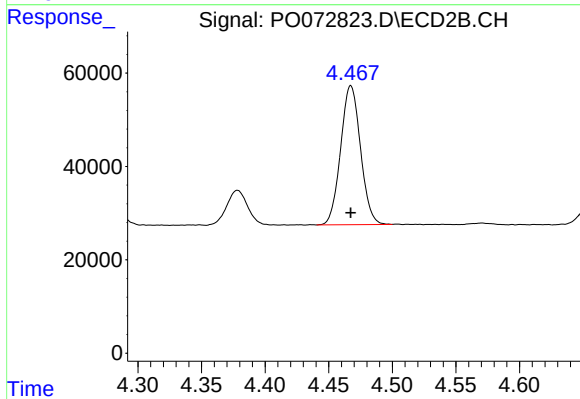
#9 AR-1221-2

R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 85456
Conc: 251.62 ng/ml



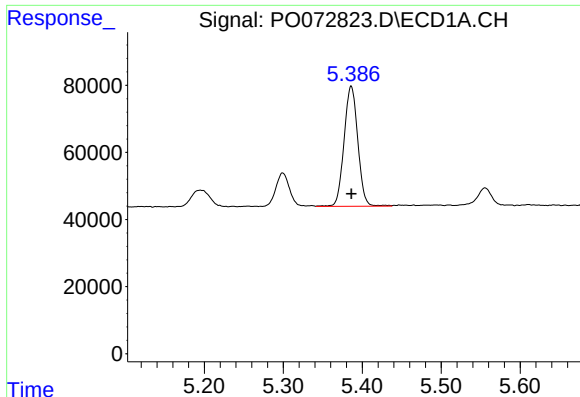
#10 AR-1221-3

R.T.: 5.386 min
Delta R.T.: -0.002 min
Response: 433780
Conc: 351.92 ng/ml



#10 AR-1221-3

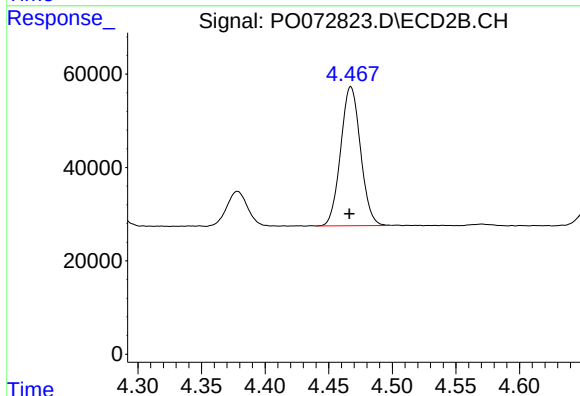
R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 323159
Conc: 317.93 ng/ml



#11 AR-1232-1

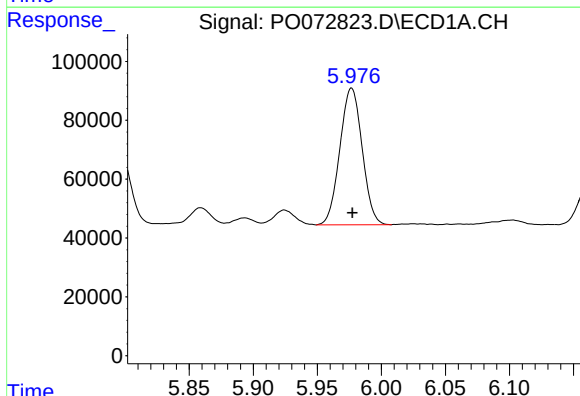
R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 433780
Conc: 407.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



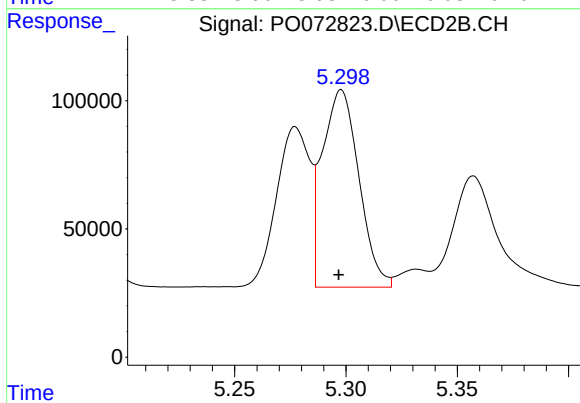
#11 AR-1232-1

R.T.: 4.467 min
Delta R.T.: 0.001 min
Response: 323159
Conc: 368.63 ng/ml



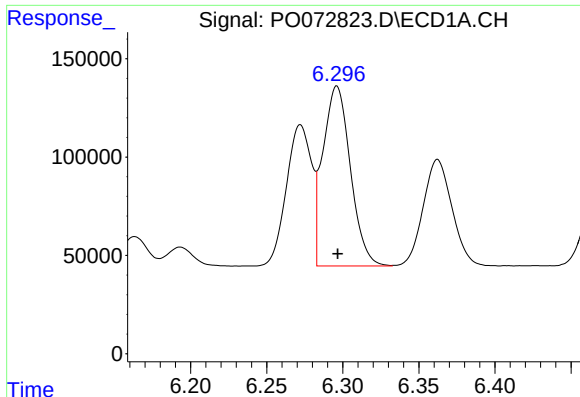
#12 AR-1232-2

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 561985
Conc: 1061.55 ng/ml



#12 AR-1232-2

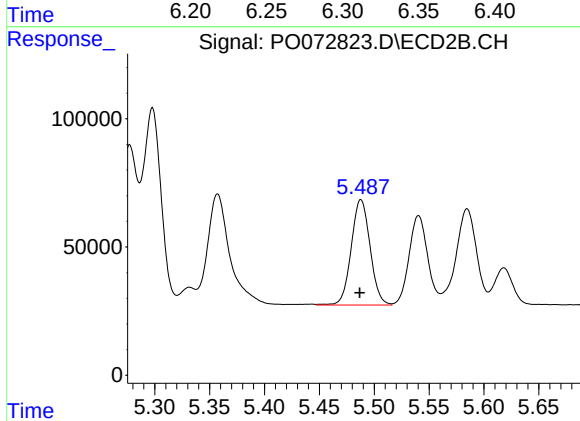
R.T.: 5.298 min
Delta R.T.: 0.001 min
Response: 880064
Conc: 1004.78 ng/ml



#13 AR-1232-3

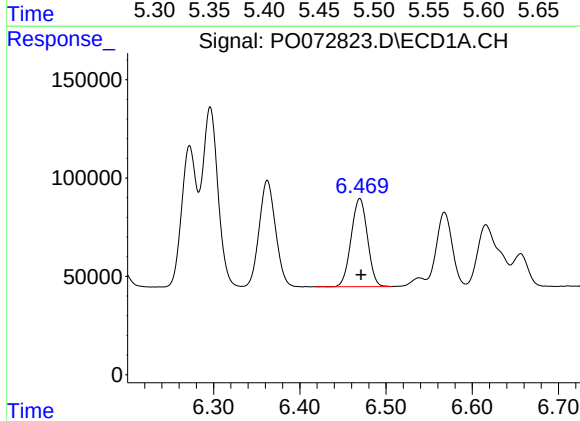
R.T.: 6.296 min
Delta R.T.: 0.000 min
Response: 1153329
Conc: 1115.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



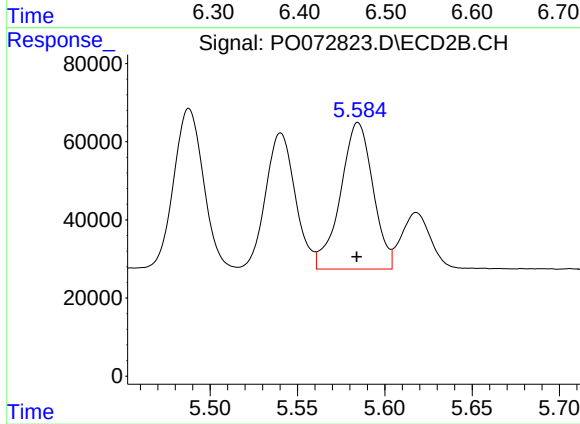
#13 AR-1232-3

R.T.: 5.488 min
Delta R.T.: 0.001 min
Response: 492382
Conc: 1048.06 ng/ml



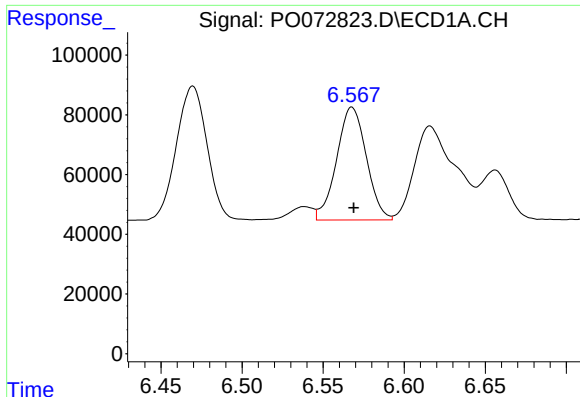
#14 AR-1232-4

R.T.: 6.470 min
Delta R.T.: -0.001 min
Response: 590966
Conc: 1149.89 ng/ml



#14 AR-1232-4

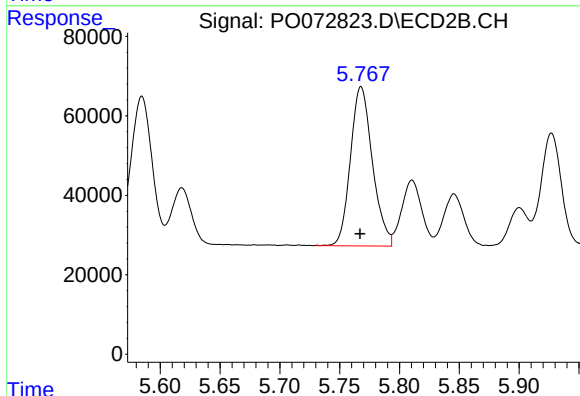
R.T.: 5.585 min
Delta R.T.: 0.000 min
Response: 486306
Conc: 1142.01 ng/ml



#15 AR-1232-5

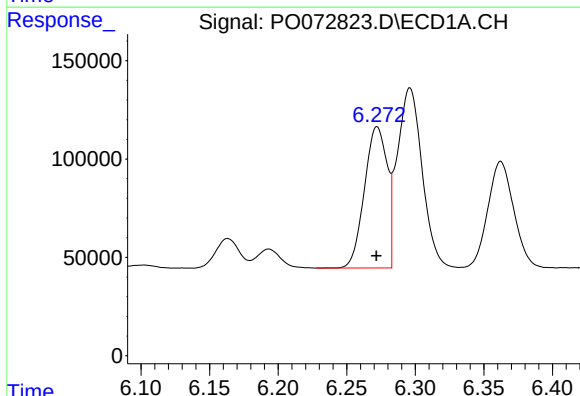
R.T.: 6.568 min
Delta R.T.: -0.001 min
Response: 482172
Conc: 1362.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



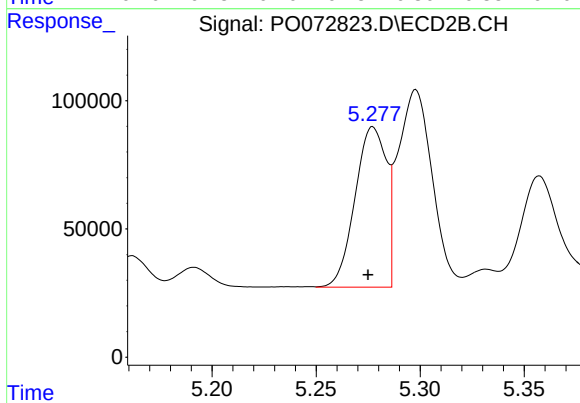
#15 AR-1232-5

R.T.: 5.768 min
Delta R.T.: 0.000 min
Response: 512614
Conc: 1098.65 ng/ml



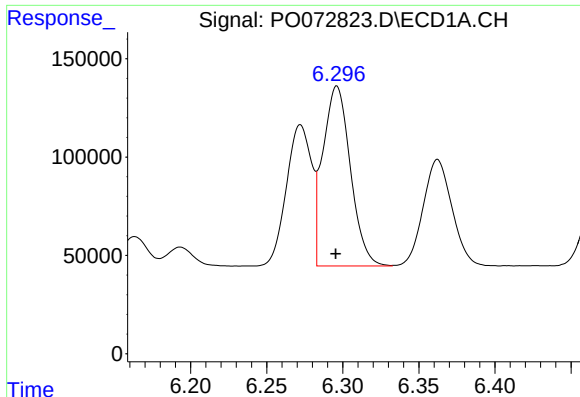
#16 AR-1242-1

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 828324
Conc: 595.39 ng/ml



#16 AR-1242-1

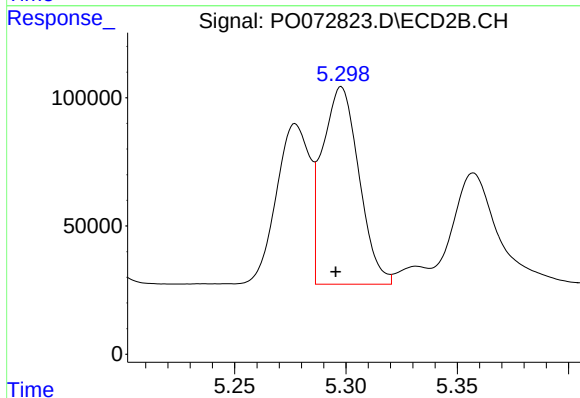
R.T.: 5.277 min
Delta R.T.: 0.002 min
Response: 655289
Conc: 557.33 ng/ml



#17 AR-1242-2

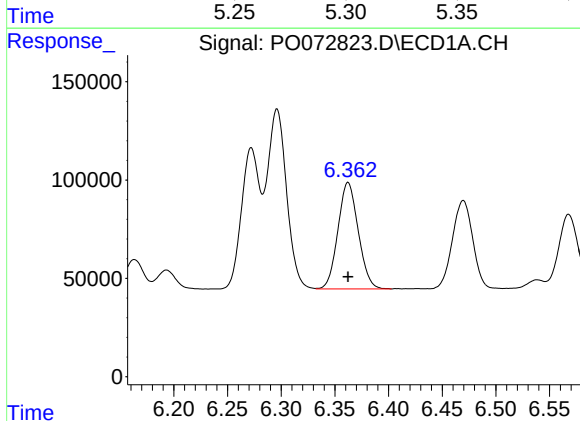
R.T.: 6.296 min
Delta R.T.: 0.000 min
Response: 1153329
Conc: 603.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



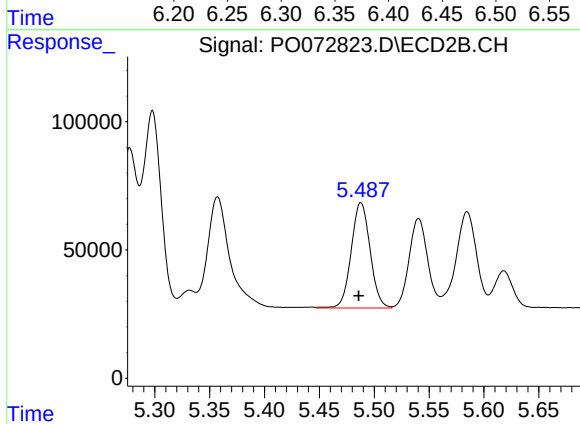
#17 AR-1242-2

R.T.: 5.298 min
Delta R.T.: 0.002 min
Response: 880064
Conc: 554.18 ng/ml



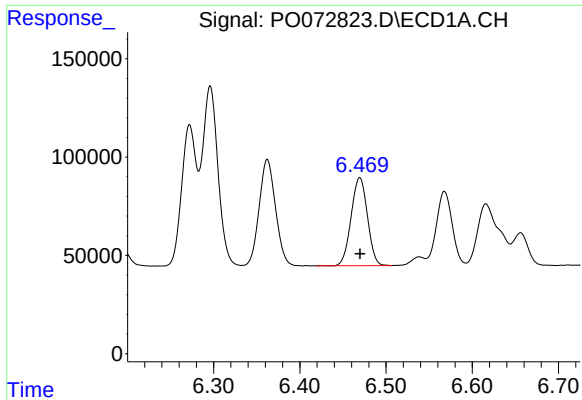
#18 AR-1242-3

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 713139
Conc: 602.23 ng/ml



#18 AR-1242-3

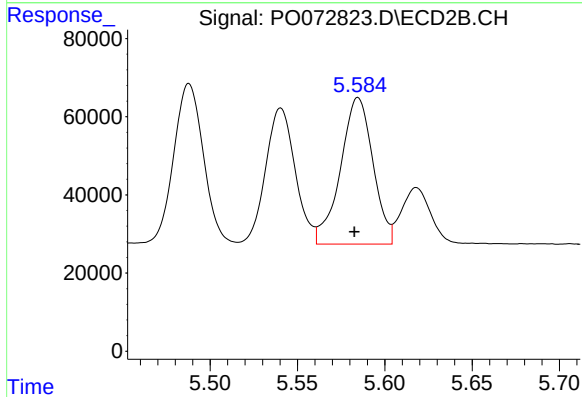
R.T.: 5.488 min
Delta R.T.: 0.002 min
Response: 492382
Conc: 569.58 ng/ml



#19 AR-1242-4

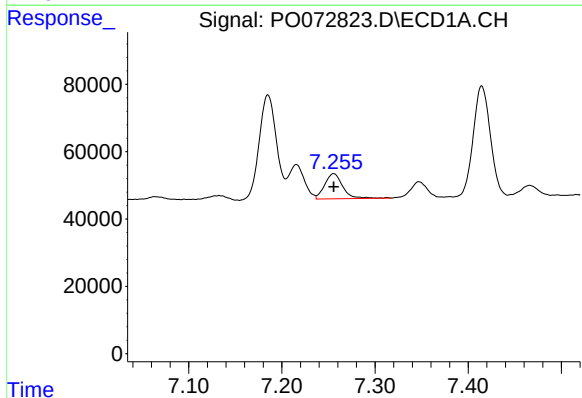
R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 590966
Conc: 610.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



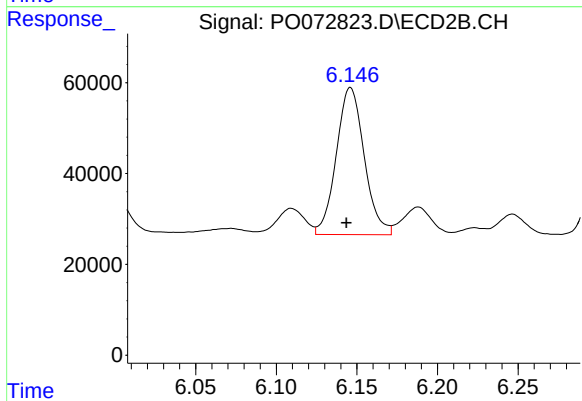
#19 AR-1242-4

R.T.: 5.585 min
Delta R.T.: 0.002 min
Response: 486306
Conc: 585.91 ng/ml



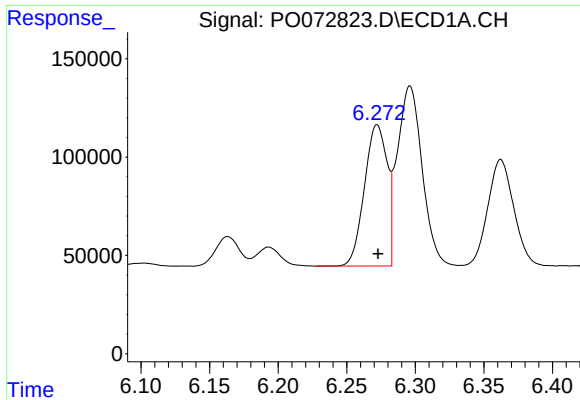
#20 AR-1242-5

R.T.: 7.256 min
Delta R.T.: 0.000 min
Response: 100755
Conc: 98.36 ng/ml



#20 AR-1242-5

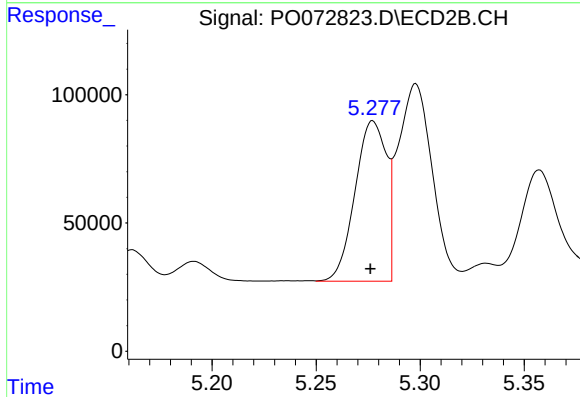
R.T.: 6.146 min
Delta R.T.: 0.002 min
Response: 391066
Conc: 364.43 ng/ml



#21 AR-1248-1

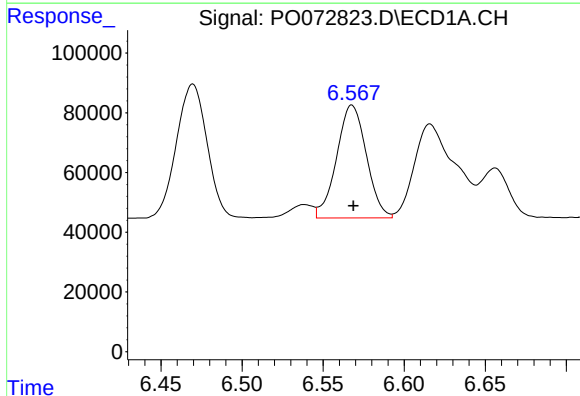
R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 828324
Conc: 802.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



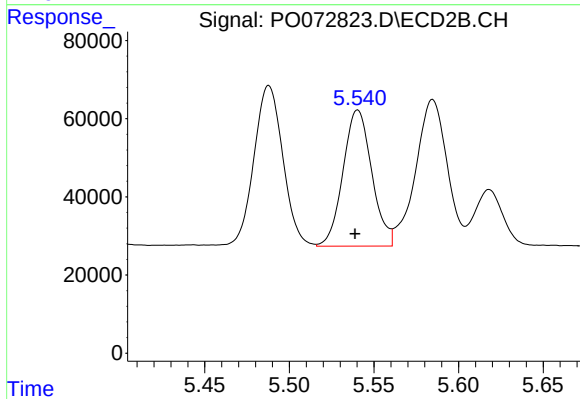
#21 AR-1248-1

R.T.: 5.277 min
Delta R.T.: 0.001 min
Response: 655289
Conc: 691.21 ng/ml



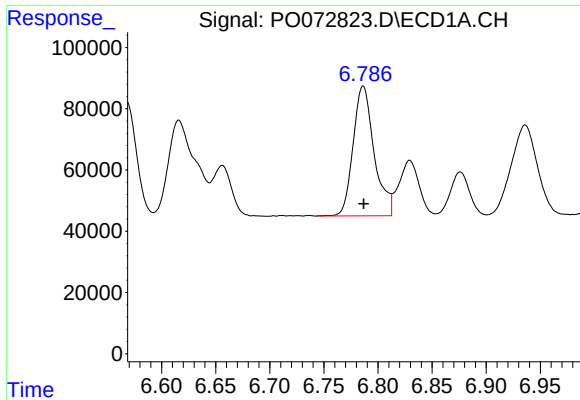
#22 AR-1248-2

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 482172
Conc: 366.75 ng/ml



#22 AR-1248-2

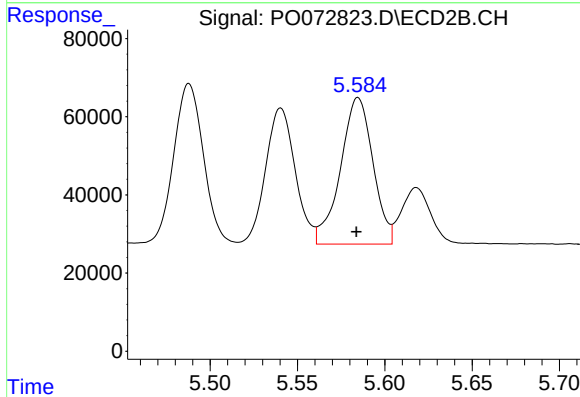
R.T.: 5.540 min
Delta R.T.: 0.002 min
Response: 412639
Conc: 328.07 ng/ml



#23 AR-1248-3

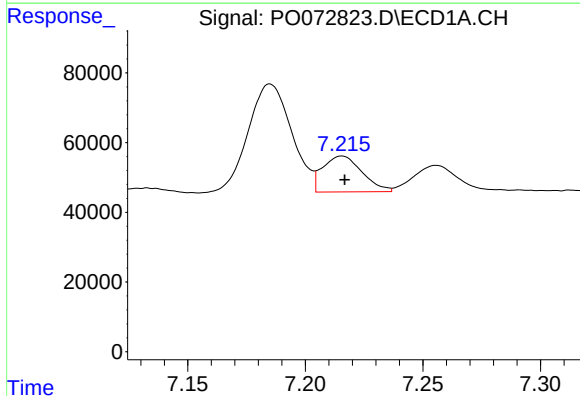
R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 572932
Conc: 386.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



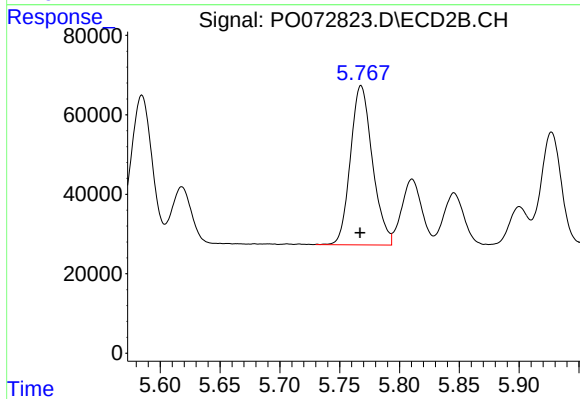
#23 AR-1248-3

R.T.: 5.585 min
Delta R.T.: 0.001 min
Response: 486306
Conc: 376.03 ng/ml



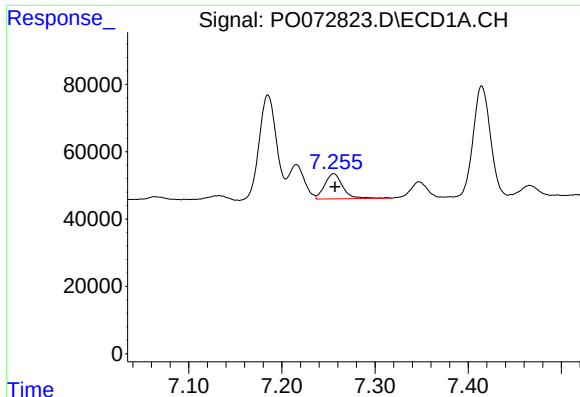
#24 AR-1248-4

R.T.: 7.216 min
Delta R.T.: -0.001 min
Response: 119970
Conc: 66.43 ng/ml



#24 AR-1248-4

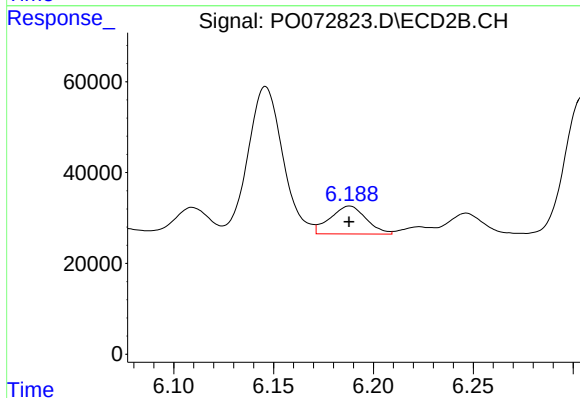
R.T.: 5.768 min
Delta R.T.: 0.000 min
Response: 512614
Conc: 329.94 ng/ml



#25 AR-1248-5

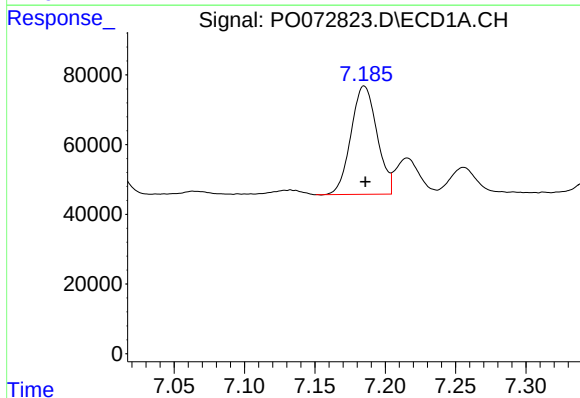
R.T.: 7.256 min
Delta R.T.: -0.001 min
Response: 100755
Conc: 58.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



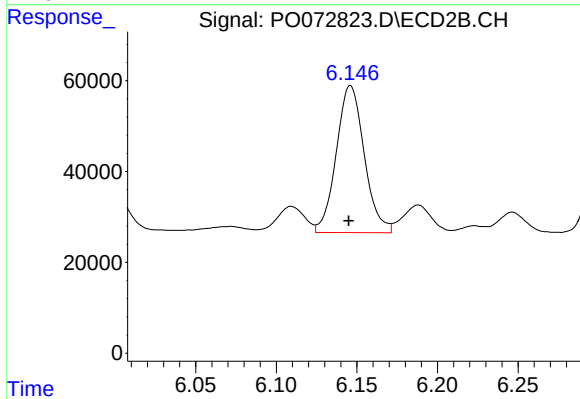
#25 AR-1248-5

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 77381
Conc: 50.26 ng/ml



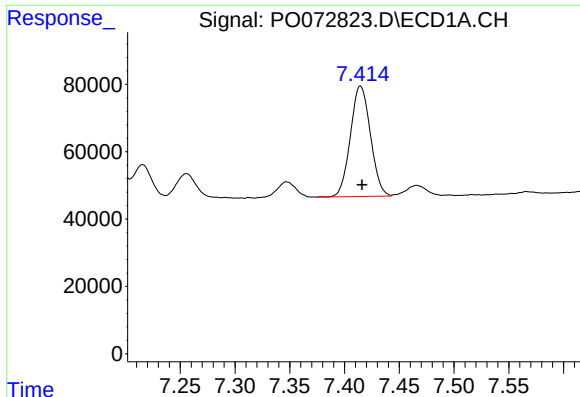
#26 AR-1254-1

R.T.: 7.185 min
Delta R.T.: 0.000 min
Response: 401065
Conc: 231.42 ng/ml



#26 AR-1254-1

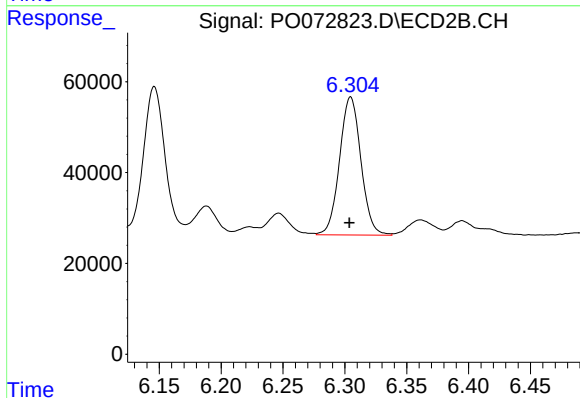
R.T.: 6.146 min
Delta R.T.: 0.001 min
Response: 391066
Conc: 173.75 ng/ml



#27 AR-1254-2

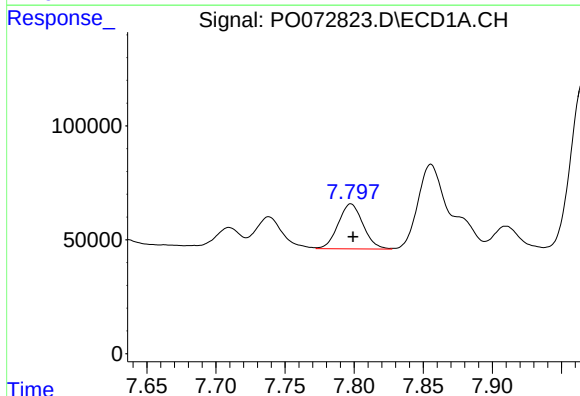
R.T.: 7.415 min
Delta R.T.: -0.001 min
Response: 419146
Conc: 156.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



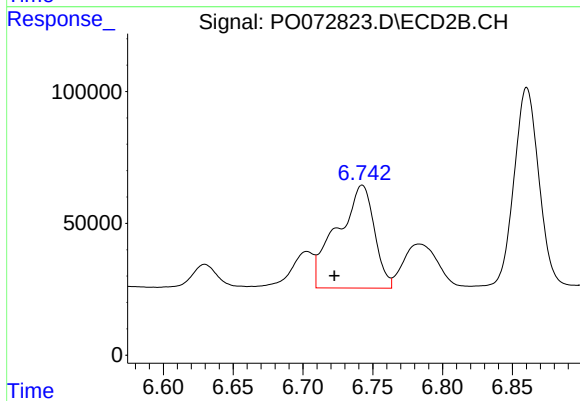
#27 AR-1254-2

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 366085
Conc: 182.27 ng/ml



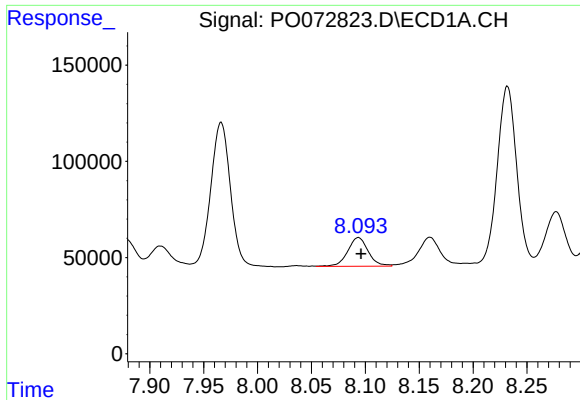
#28 AR-1254-3

R.T.: 7.798 min
Delta R.T.: -0.002 min
Response: 247795
Conc: 91.69 ng/ml



#28 AR-1254-3

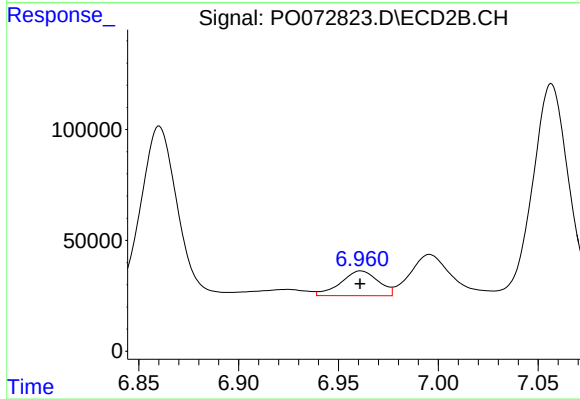
R.T.: 6.742 min
Delta R.T.: 0.020 min
Response: 721575
Conc: 227.12 ng/ml



#29 AR-1254-4

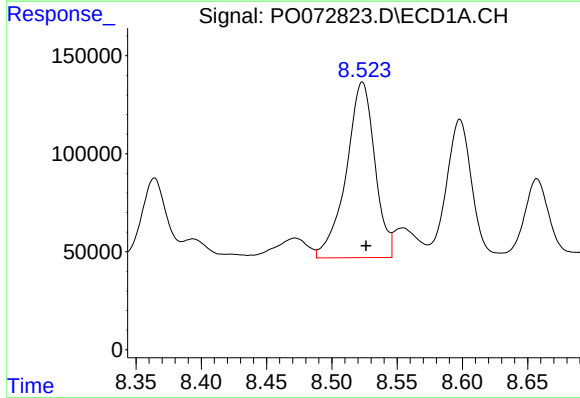
R.T.: 8.094 min
Delta R.T.: -0.002 min
Response: 198350
Conc: 90.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



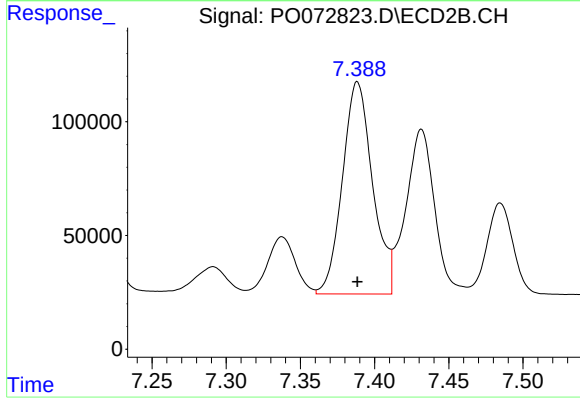
#29 AR-1254-4

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 146337
Conc: 67.28 ng/ml



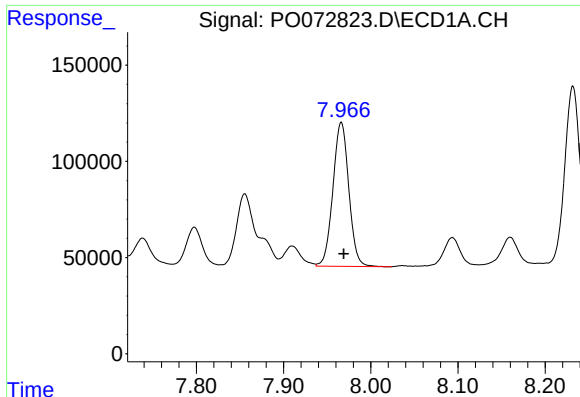
#30 AR-1254-5

R.T.: 8.523 min
Delta R.T.: -0.003 min
Response: 1366197
Conc: 620.54 ng/ml



#30 AR-1254-5

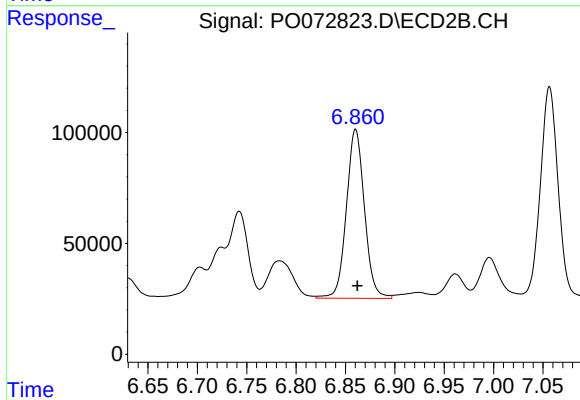
R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 1319650
Conc: 474.13 ng/ml



#31 AR-1260-1

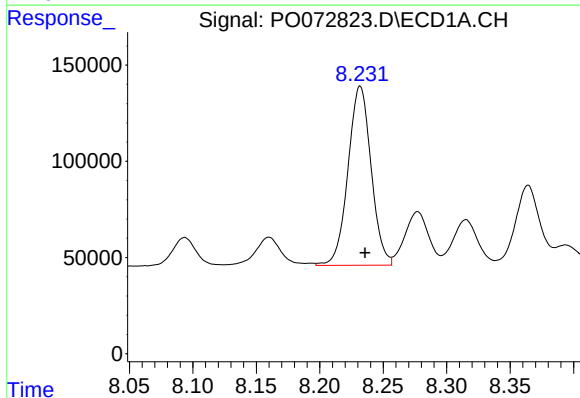
R.T.: 7.966 min
Delta R.T.: -0.003 min
Response: 947889
Conc: 509.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



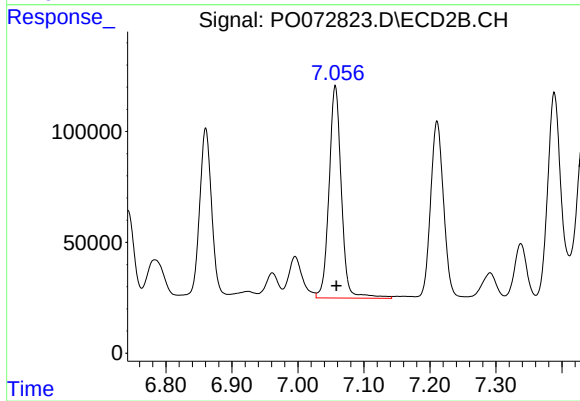
#31 AR-1260-1

R.T.: 6.860 min
Delta R.T.: -0.002 min
Response: 971157
Conc: 488.38 ng/ml



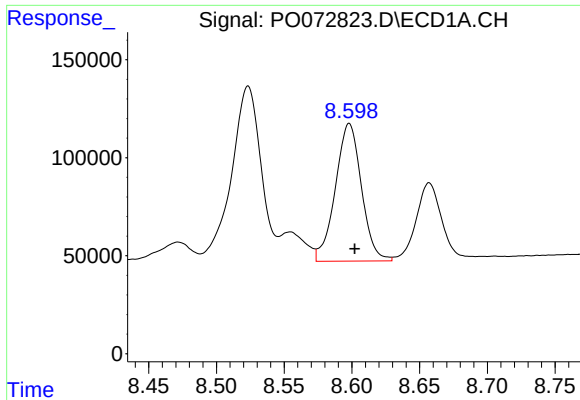
#32 AR-1260-2

R.T.: 8.232 min
Delta R.T.: -0.004 min
Response: 1180247
Conc: 519.27 ng/ml



#32 AR-1260-2

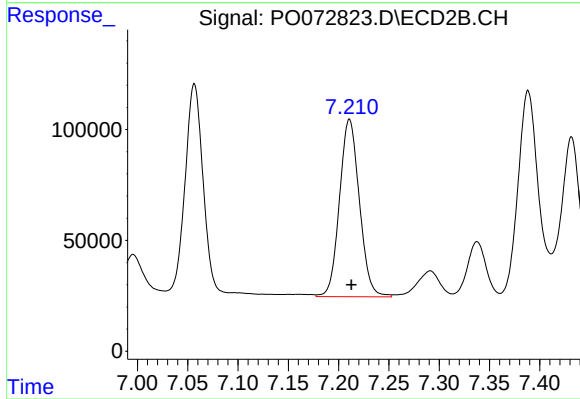
R.T.: 7.057 min
Delta R.T.: -0.001 min
Response: 1245384
Conc: 497.03 ng/ml



#33 AR-1260-3

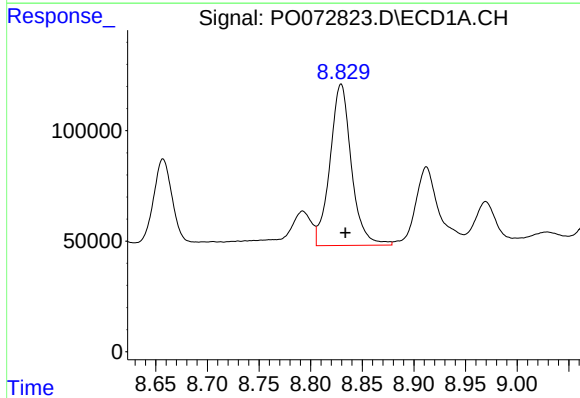
R.T.: 8.598 min
Delta R.T.: -0.004 min
Response: 942942
Conc: 549.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



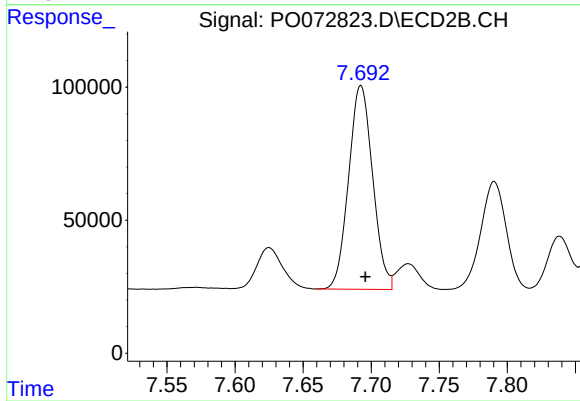
#33 AR-1260-3

R.T.: 7.211 min
Delta R.T.: -0.002 min
Response: 1101325
Conc: 499.66 ng/ml



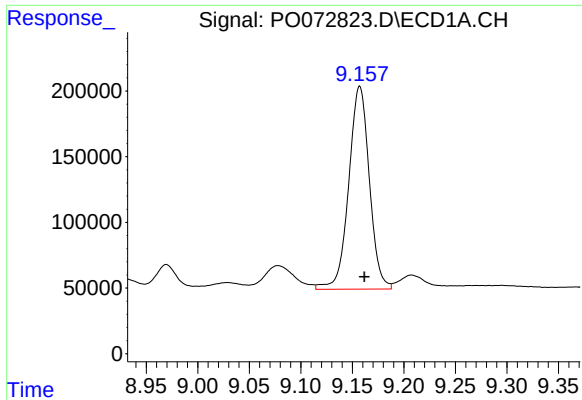
#34 AR-1260-4

R.T.: 8.829 min
Delta R.T.: -0.004 min
Response: 1054357
Conc: 527.81 ng/ml



#34 AR-1260-4

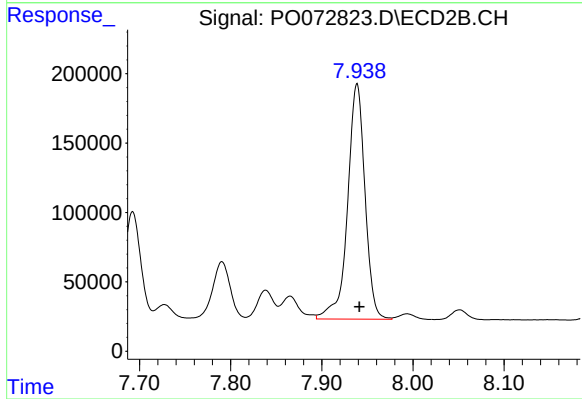
R.T.: 7.692 min
Delta R.T.: -0.003 min
Response: 941753
Conc: 511.70 ng/ml



#35 AR-1260-5

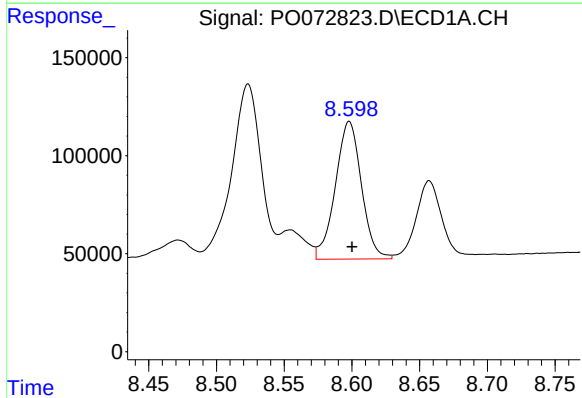
R.T.: 9.157 min
Delta R.T.: -0.005 min
Response: 2152468
Conc: 530.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



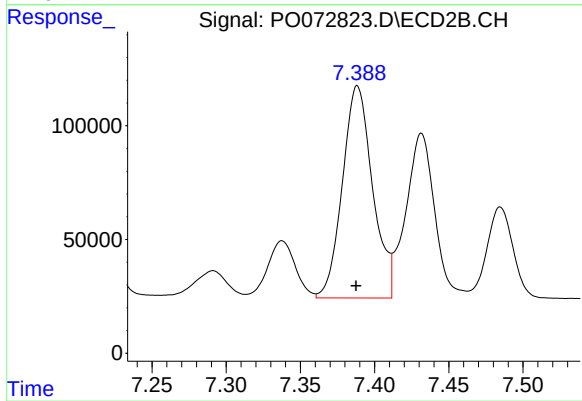
#35 AR-1260-5

R.T.: 7.939 min
Delta R.T.: -0.003 min
Response: 2255111
Conc: 513.10 ng/ml



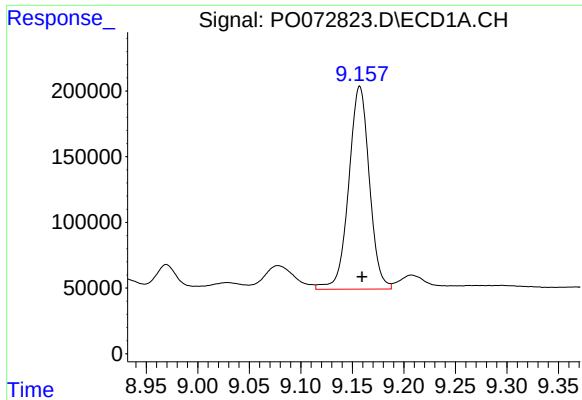
#36 AR-1262-1

R.T.: 8.598 min
Delta R.T.: -0.002 min
Response: 942942
Conc: 394.25 ng/ml



#36 AR-1262-1

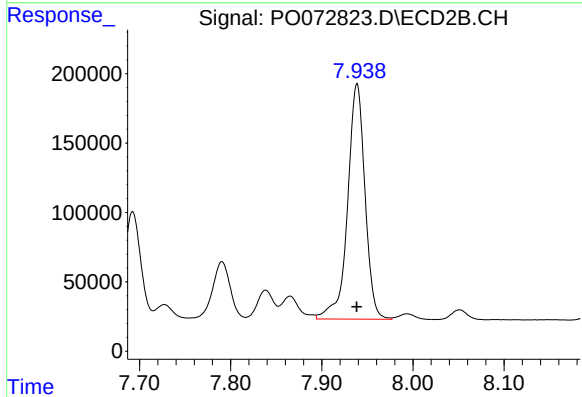
R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 1319650
Conc: 951.75 ng/ml



#37 AR-1262-2

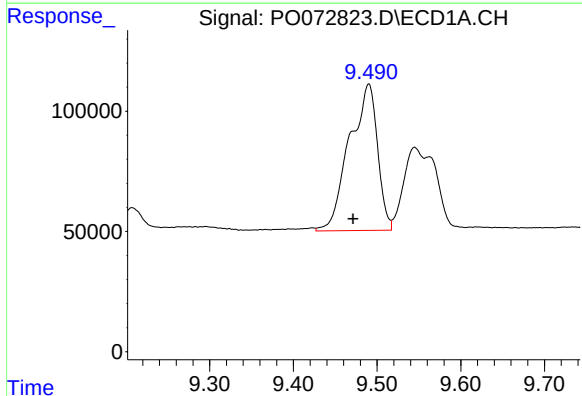
R.T.: 9.157 min
Delta R.T.: -0.002 min
Response: 2152468
Conc: 486.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



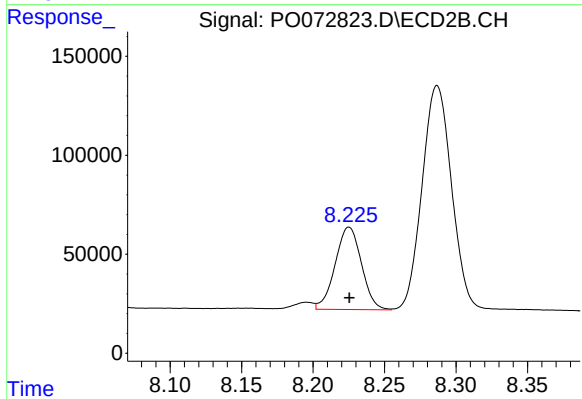
#37 AR-1262-2

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 2255111
Conc: 494.33 ng/ml



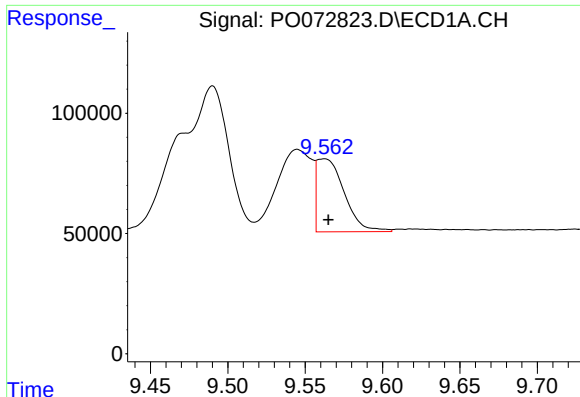
#38 AR-1262-3

R.T.: 9.490 min
Delta R.T.: 0.019 min
Response: 1420634
Conc: 441.61 ng/ml



#38 AR-1262-3

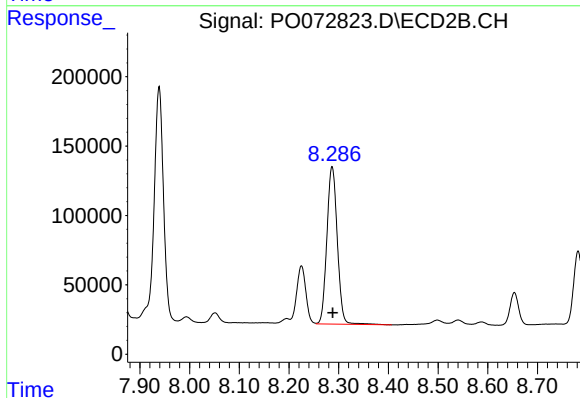
R.T.: 8.225 min
Delta R.T.: 0.000 min
Response: 533330
Conc: 291.46 ng/ml



#39 AR-1262-4

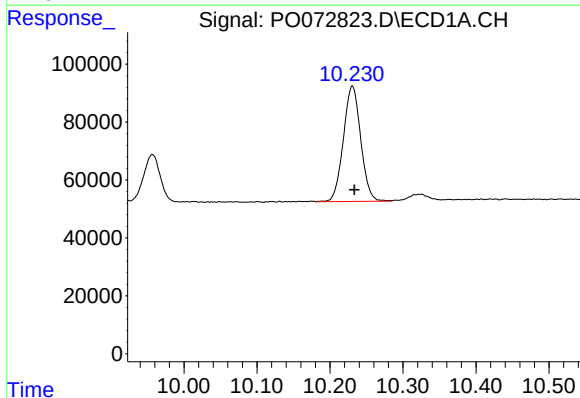
R.T.: 9.562 min
Delta R.T.: -0.003 min
Response: 374623
Conc: 156.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



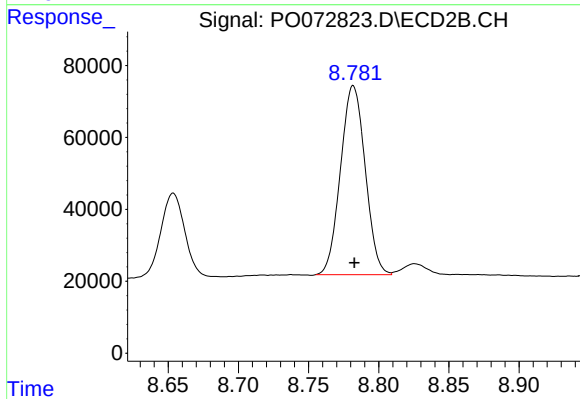
#39 AR-1262-4

R.T.: 8.287 min
Delta R.T.: -0.002 min
Response: 1654495
Conc: 496.98 ng/ml



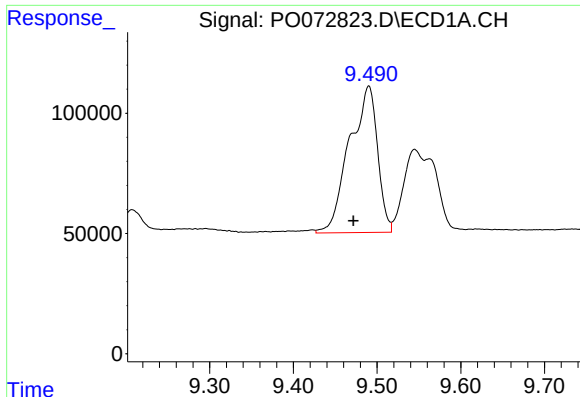
#40 AR-1262-5

R.T.: 10.231 min
Delta R.T.: -0.003 min
Response: 659460
Conc: 392.74 ng/ml



#40 AR-1262-5

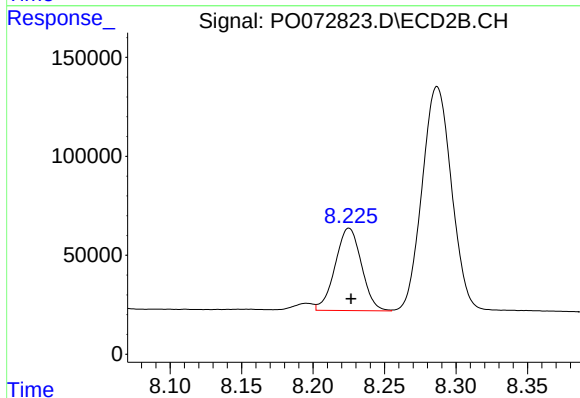
R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 643670
Conc: 393.07 ng/ml



#41 AR-1268-1

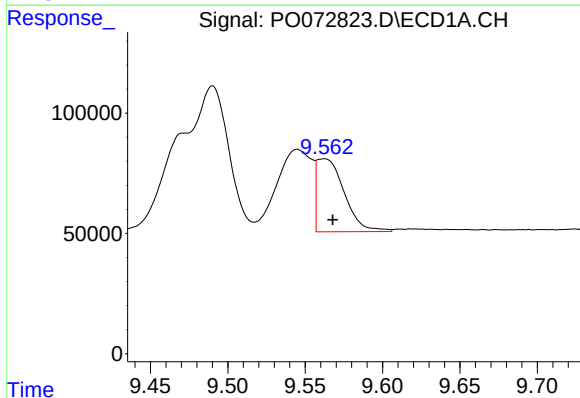
R.T.: 9.490 min
Delta R.T.: 0.018 min
Response: 1420634
Conc: 256.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



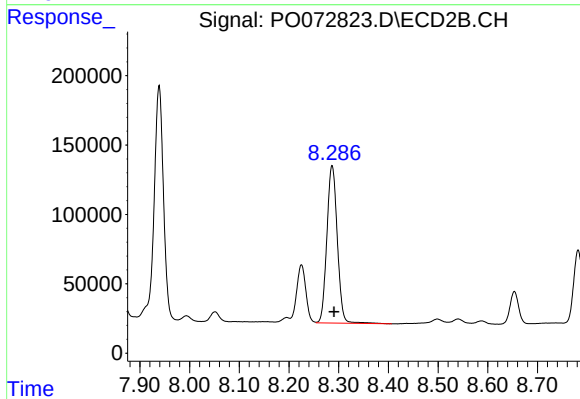
#41 AR-1268-1

R.T.: 8.225 min
Delta R.T.: -0.001 min
Response: 533330
Conc: 102.34 ng/ml



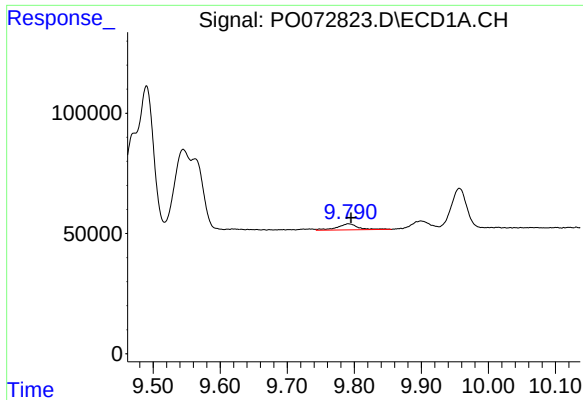
#42 AR-1268-2

R.T.: 9.562 min
Delta R.T.: -0.006 min
Response: 374623
Conc: 74.01 ng/ml



#42 AR-1268-2

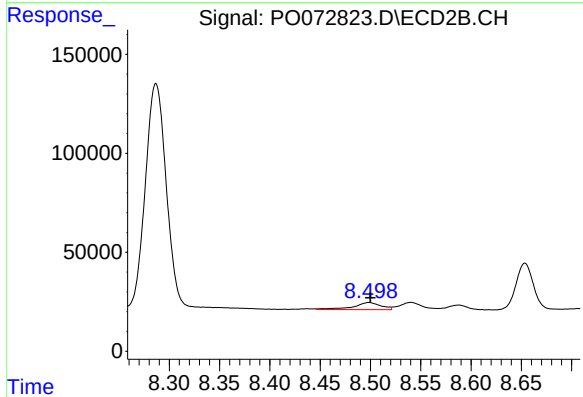
R.T.: 8.287 min
Delta R.T.: -0.004 min
Response: 1654495
Conc: 353.20 ng/ml



#43 AR-1268-3

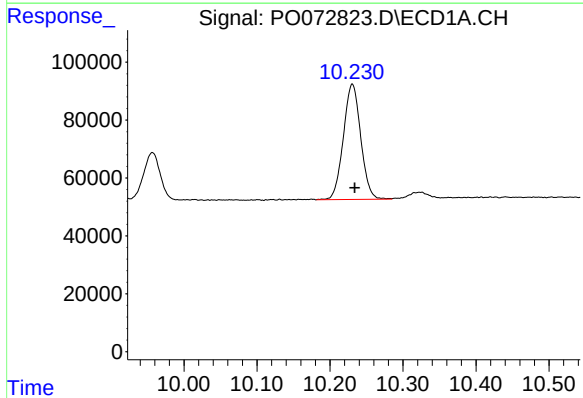
R.T.: 9.791 min
Delta R.T.: -0.004 min
Response: 56964
Conc: 13.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



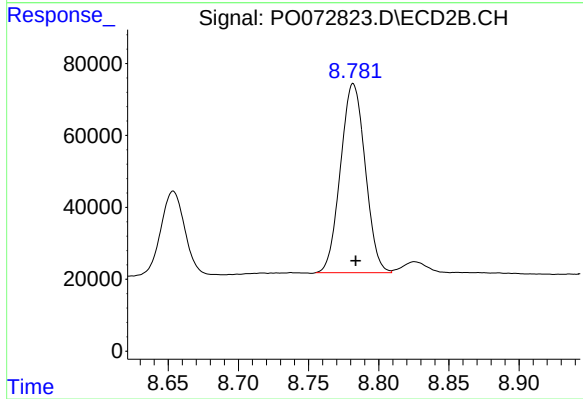
#43 AR-1268-3

R.T.: 8.498 min
Delta R.T.: -0.002 min
Response: 68700
Conc: 16.33 ng/ml



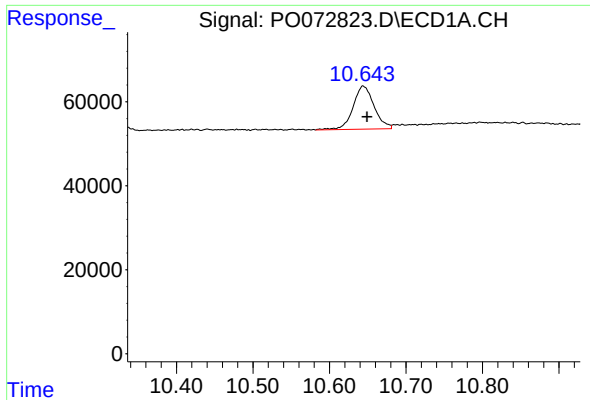
#44 AR-1268-4

R.T.: 10.231 min
Delta R.T.: -0.003 min
Response: 659460
Conc: 348.87 ng/ml



#44 AR-1268-4

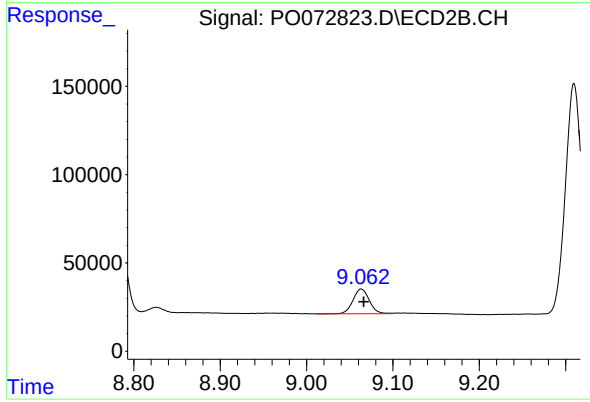
R.T.: 8.782 min
Delta R.T.: -0.002 min
Response: 643670
Conc: 350.19 ng/ml



#45 AR-1268-5

R.T.: 10.644 min
Delta R.T.: -0.005 min
Response: 196425
Conc: 14.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.063 min
Delta R.T.: -0.003 min
Response: 183970
Conc: 14.21 ng/ml