

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011421\
 Data File : P0074728.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Jan 2021 7:28
 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 15 08:06:07 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...	4.932	4.004	5522471	2748443	52.337	48.859
2)	SA Decachlor...	10.950	9.256	4868694	2478489	47.971	45.142
Target Compounds							
3)	L1 AR-1016-1	6.254	5.248	2122101	1079703	519.037	472.048
4)	L1 AR-1016-2	6.278	5.268	2905882	1505083	510.256	476.326
5)	L1 AR-1016-3	6.344	5.458	1736807	824324	511.803	480.222
6)	L1 AR-1016-4	6.452	5.510	1449995	659709	509.972	469.405
7)	L1 AR-1016-5	6.768	5.736	1387702	709971	507.381	412.872
8)	L2 AR-1221-1	5.177	4.256	185443	100470	150.976	141.403
9)	L2 AR-1221-2	5.282	4.355	254287	142962	282.220	267.504
10)	L2 AR-1221-3	5.369	4.444	994475	546610	352.990	341.845
11)	L3 AR-1232-1	5.369	4.444	994475	546610	434.221	417.001
12)	L3 AR-1232-2	5.959	5.268	1371180	1505083	1192.594	1114.655
13)	L3 AR-1232-3	6.278	5.458	2905882	824324	1204.305	1123.667
14)	L3 AR-1232-4	6.452	5.554	1449995	779775	1206.401	1226.148
15)	L3 AR-1232-5	6.550	5.736	1160438	709971	1426.205	1022.425 #
16)	L4 AR-1242-1	6.254	5.248	2122101	1079703	659.020	585.790
17)	L4 AR-1242-2	6.278	5.268	2905882	1505083	643.910	597.899
18)	L4 AR-1242-3	6.344	5.458	1736807	824324	637.162	607.040
19)	L4 AR-1242-4	6.452	5.554	1449995	779775	638.955	596.630
20)	L4 AR-1242-5	7.238	6.113	261515	713430	103.921	407.481 #
21)	L5 AR-1248-1	6.254	5.248	2122101	1079703	881.469	785.054
22)	L5 AR-1248-2	6.550	5.510	1160438	659709	373.124	351.031
23)	L5 AR-1248-3	6.768	5.554	1387702	779775	383.208	413.100
24)	L5 AR-1248-4	7.198	5.736	346927	709971	77.795	315.212 #
25)	L5 AR-1248-5	7.238	6.155	261515	118373	62.056	50.350
26)	L6 AR-1254-1	7.168	6.113	1254750	713430	285.291	197.516 #
27)	L6 AR-1254-2	7.396	6.272	1077337	575871	158.181	184.779
28)	L6 AR-1254-3	7.780	6.707	690945	1220408	98.505	248.864 #
29)	L6 AR-1254-4	8.075	6.926	705294	220788	116.296	63.669 #
30)	L6 AR-1254-5	8.505	7.351	3533280	1951285	608.249	431.134 #
31)	L7 AR-1260-1	7.947	6.824	2591917	1549505	519.554	485.695
32)	L7 AR-1260-2	8.214	7.021	3399414	1882488	499.759	442.829
33)	L7 AR-1260-3	8.580	7.174	2725505	1633083	475.512	453.197
34)	L7 AR-1260-4	8.811	7.653	2586893	1390216	472.810	443.971
35)	L7 AR-1260-5	9.137	7.899	5951771	3476894	476.333	437.419
36)	L8 AR-1262-1	8.580	7.351	2725505	1951285	306.093	766.840 #
37)	L8 AR-1262-2	9.137	7.899	5951771	3476894	388.744	378.156
38)	L8 AR-1262-3	9.449	8.183	1387924	869790	138.574	219.960 #
39)	L8 AR-1262-4	9.523	8.246	2309229	2467453	310.074	372.434
40)	L8 AR-1262-5	10.207	8.741	1719140	929199	328.608	300.963
41)	L9 AR-1268-1	9.449	8.183	1387924	869790	74.286	77.696

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

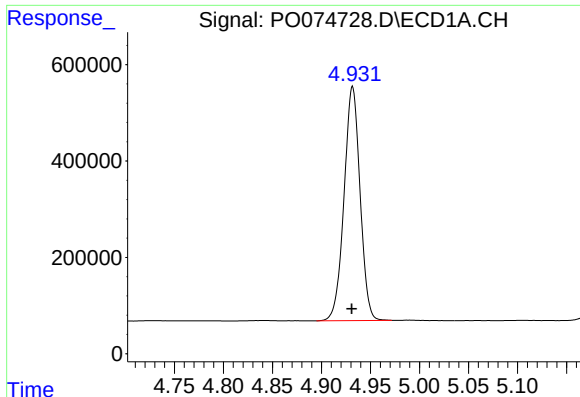
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	8.246	2309229	2467453	144.735	257.907 #
43) L9	AR-1268-3	9.768	8.453	94061	52514	6.623	6.320
44) L9	AR-1268-4	10.207	8.741	1719140	929199	293.442	267.846
45) L9	AR-1268-5	10.616	9.017	477098	257867	11.417	10.890

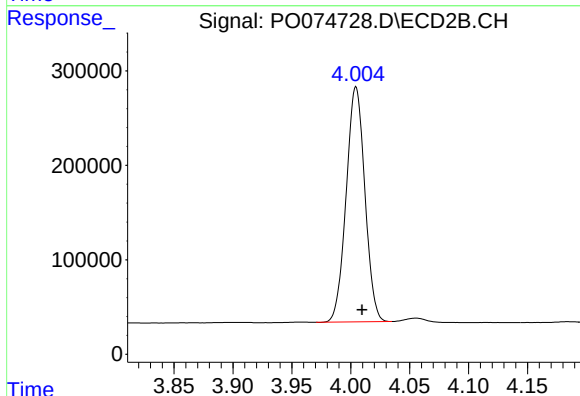
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

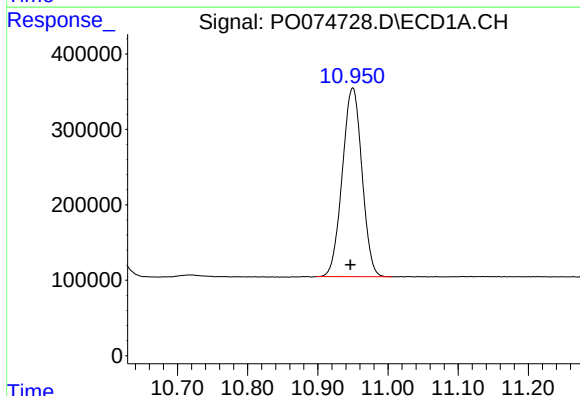
R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 5522471
Conc: 52.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



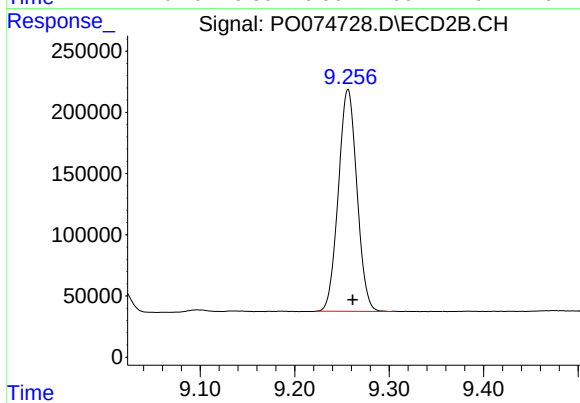
#1 Tetrachloro-m-xylene

R.T.: 4.004 min
Delta R.T.: -0.005 min
Response: 2748443
Conc: 48.86 ng/ml



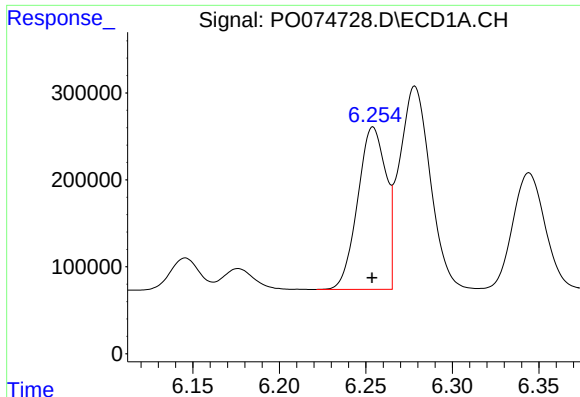
#2 Decachlorobiphenyl

R.T.: 10.950 min
Delta R.T.: 0.004 min
Response: 4868694
Conc: 47.97 ng/ml



#2 Decachlorobiphenyl

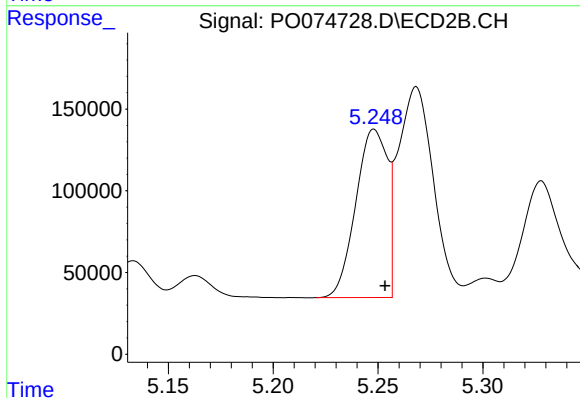
R.T.: 9.256 min
Delta R.T.: -0.005 min
Response: 2478489
Conc: 45.14 ng/ml



#3 AR-1016-1

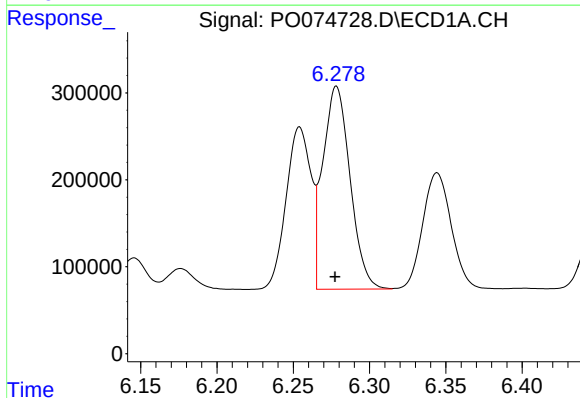
R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 2122101
Conc: 519.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



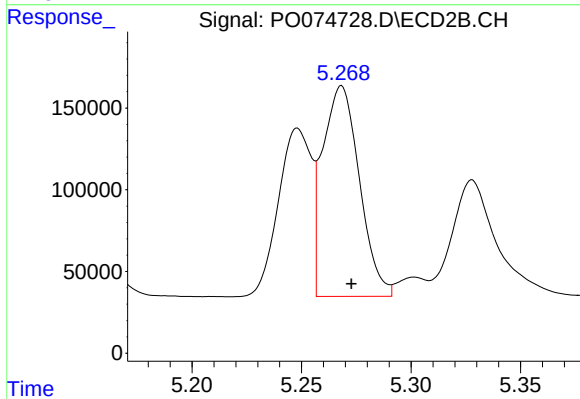
#3 AR-1016-1

R.T.: 5.248 min
Delta R.T.: -0.005 min
Response: 1079703
Conc: 472.05 ng/ml



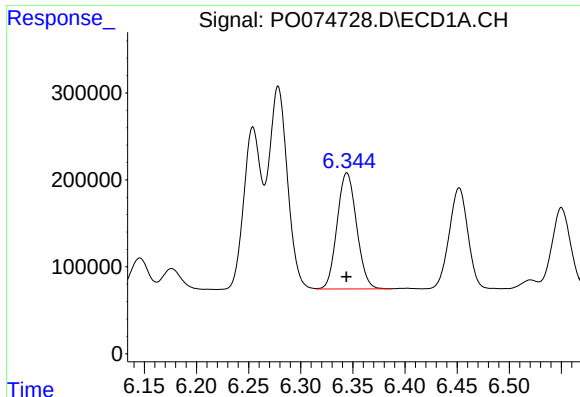
#4 AR-1016-2

R.T.: 6.278 min
Delta R.T.: 0.000 min
Response: 2905882
Conc: 510.26 ng/ml



#4 AR-1016-2

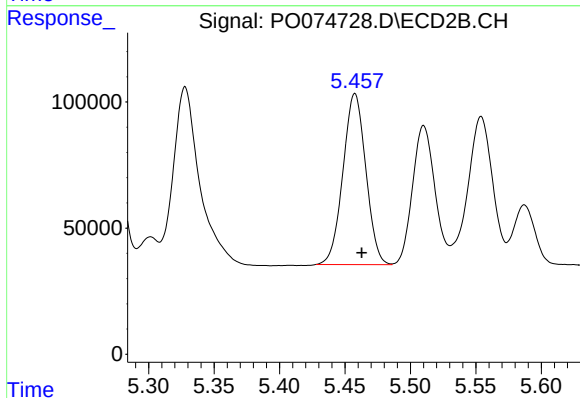
R.T.: 5.268 min
Delta R.T.: -0.005 min
Response: 1505083
Conc: 476.33 ng/ml



#5 AR-1016-3

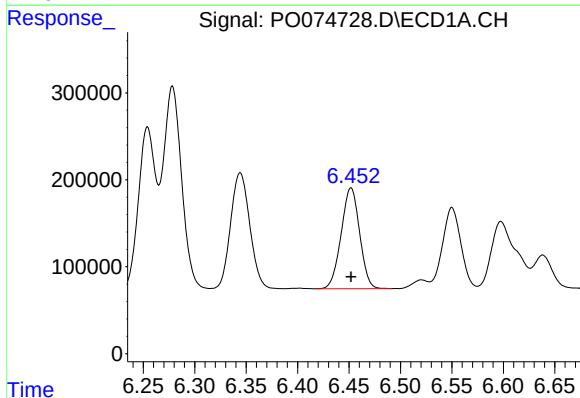
R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 1736807
Conc: 511.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



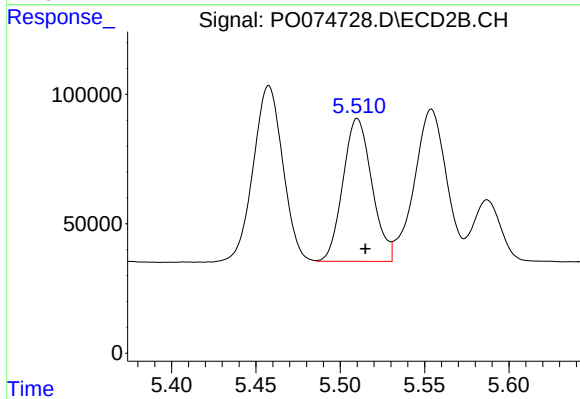
#5 AR-1016-3

R.T.: 5.458 min
Delta R.T.: -0.005 min
Response: 824324
Conc: 480.22 ng/ml



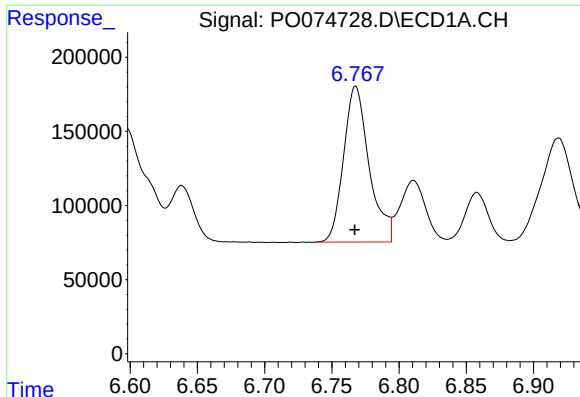
#6 AR-1016-4

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 1449995
Conc: 509.97 ng/ml



#6 AR-1016-4

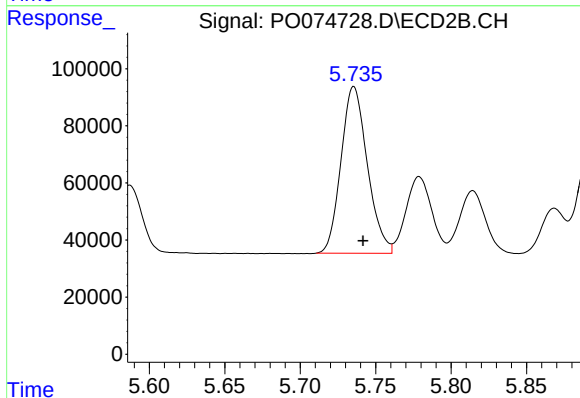
R.T.: 5.510 min
Delta R.T.: -0.005 min
Response: 659709
Conc: 469.41 ng/ml



#7 AR-1016-5

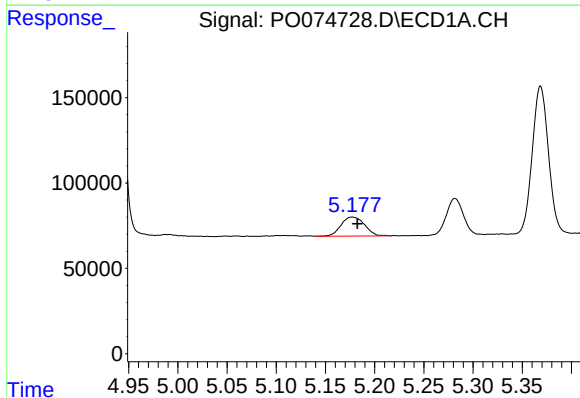
R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 1387702
Conc: 507.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



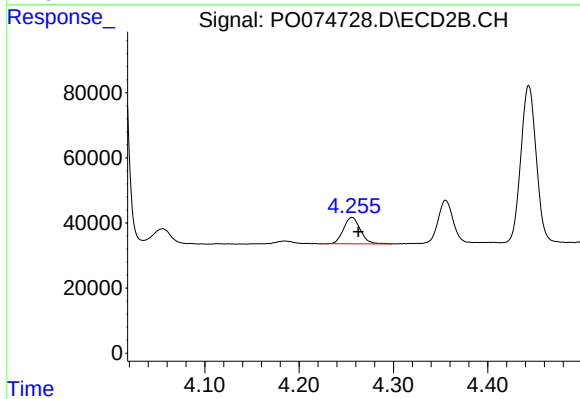
#7 AR-1016-5

R.T.: 5.736 min
Delta R.T.: -0.006 min
Response: 709971
Conc: 412.87 ng/ml



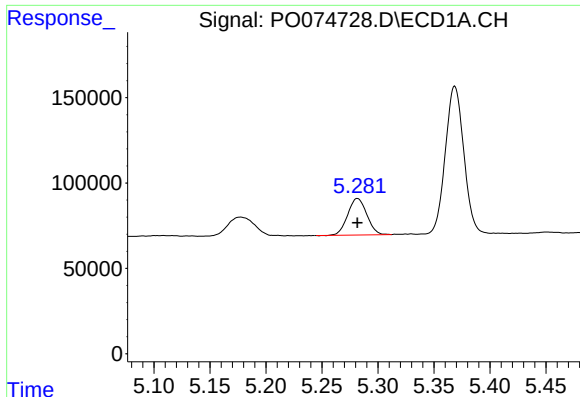
#8 AR-1221-1

R.T.: 5.177 min
Delta R.T.: -0.005 min
Response: 185443
Conc: 150.98 ng/ml



#8 AR-1221-1

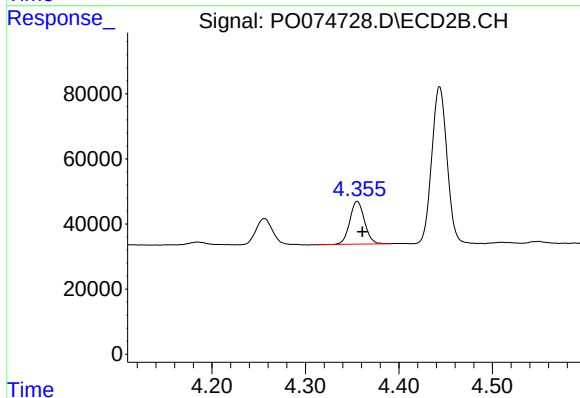
R.T.: 4.256 min
Delta R.T.: -0.007 min
Response: 100470
Conc: 141.40 ng/ml



#9 AR-1221-2

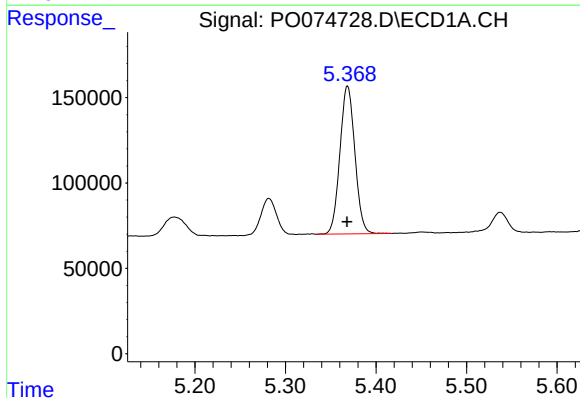
R.T.: 5.282 min
Delta R.T.: 0.000 min
Response: 254287
Conc: 282.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



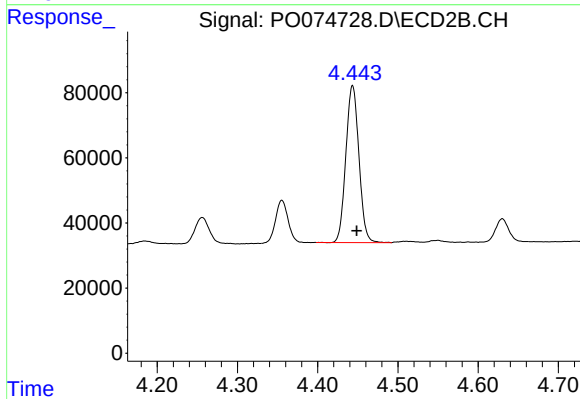
#9 AR-1221-2

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 142962
Conc: 267.50 ng/ml



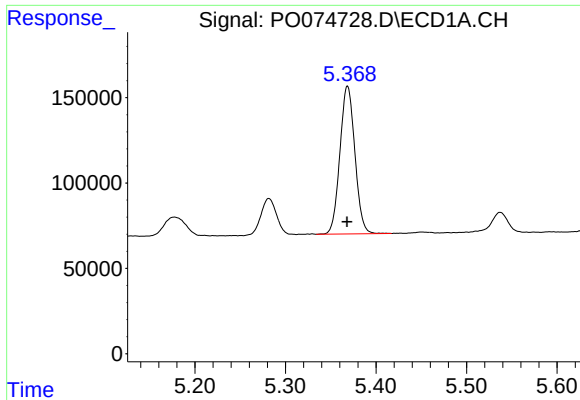
#10 AR-1221-3

R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 994475
Conc: 352.99 ng/ml



#10 AR-1221-3

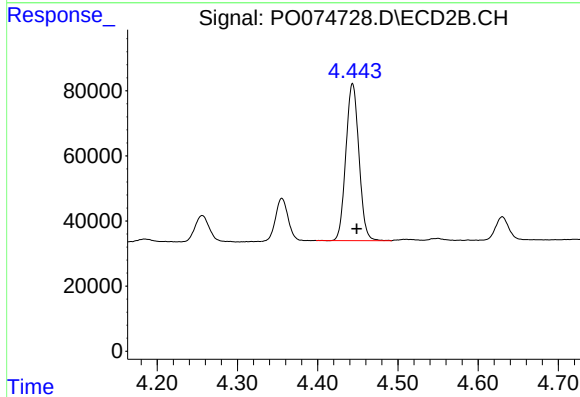
R.T.: 4.444 min
Delta R.T.: -0.005 min
Response: 546610
Conc: 341.85 ng/ml



#11 AR-1232-1

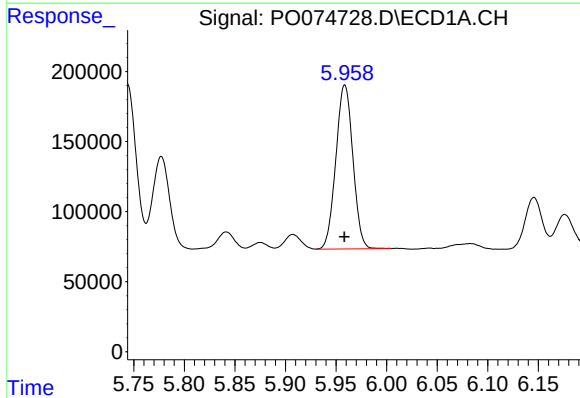
R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 994475
Conc: 434.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



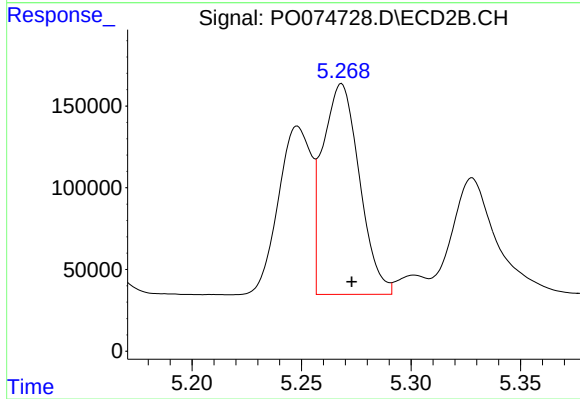
#11 AR-1232-1

R.T.: 4.444 min
Delta R.T.: -0.005 min
Response: 546610
Conc: 417.00 ng/ml



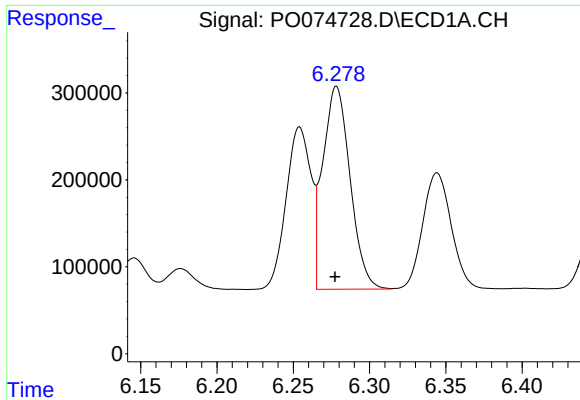
#12 AR-1232-2

R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 1371180
Conc: 1192.59 ng/ml



#12 AR-1232-2

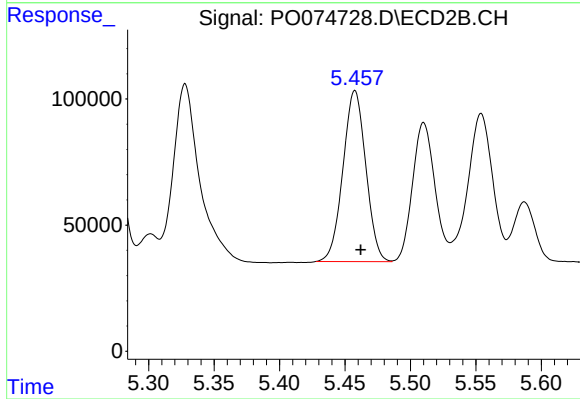
R.T.: 5.268 min
Delta R.T.: -0.005 min
Response: 1505083
Conc: 1114.66 ng/ml



#13 AR-1232-3

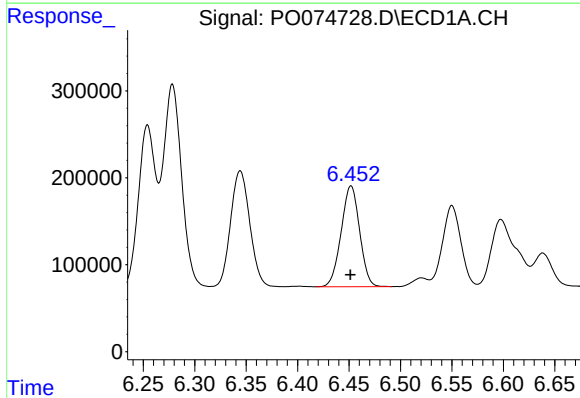
R.T.: 6.278 min
Delta R.T.: 0.001 min
Response: 2905882
Conc: 1204.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



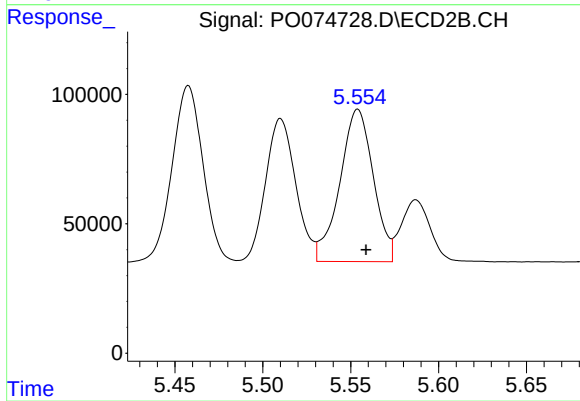
#13 AR-1232-3

R.T.: 5.458 min
Delta R.T.: -0.004 min
Response: 824324
Conc: 1123.67 ng/ml



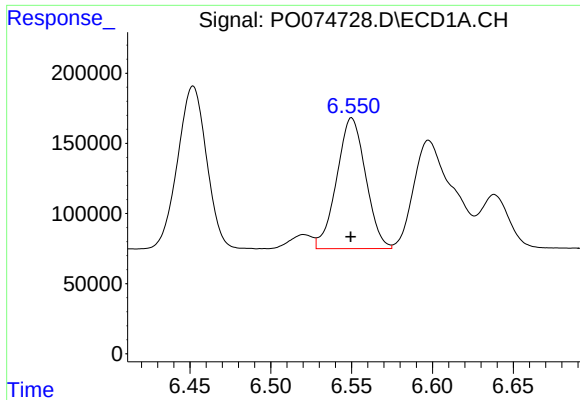
#14 AR-1232-4

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 1449995
Conc: 1206.40 ng/ml



#14 AR-1232-4

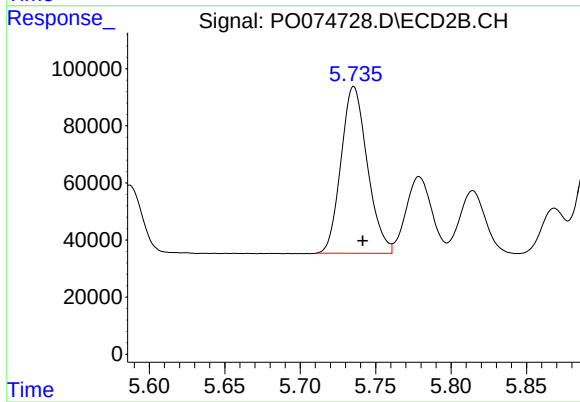
R.T.: 5.554 min
Delta R.T.: -0.005 min
Response: 779775
Conc: 1226.15 ng/ml



#15 AR-1232-5

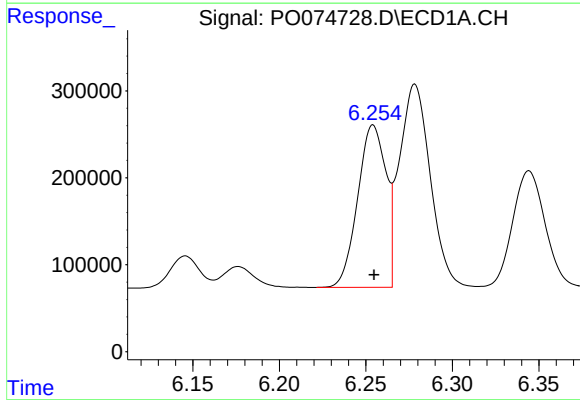
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 1160438
Conc: 1426.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



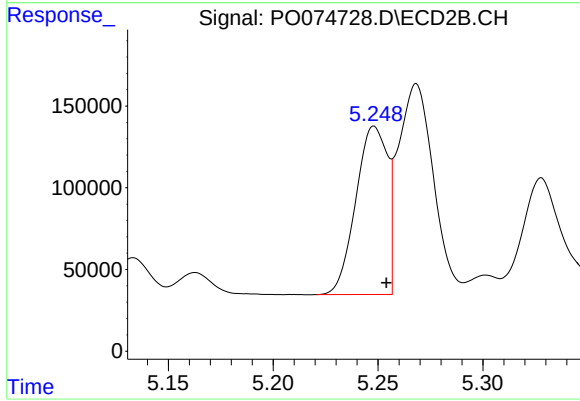
#15 AR-1232-5

R.T.: 5.736 min
Delta R.T.: -0.006 min
Response: 709971
Conc: 1022.43 ng/ml



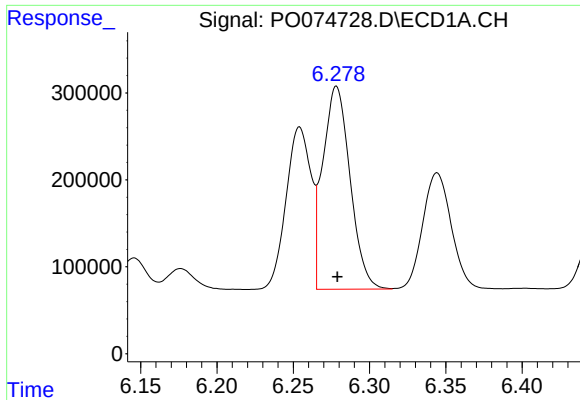
#16 AR-1242-1

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 2122101
Conc: 659.02 ng/ml



#16 AR-1242-1

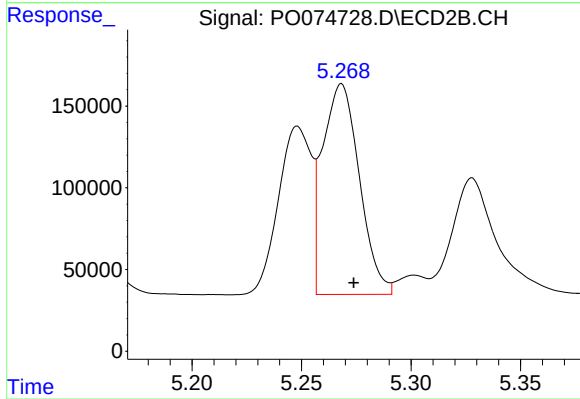
R.T.: 5.248 min
Delta R.T.: -0.006 min
Response: 1079703
Conc: 585.79 ng/ml



#17 AR-1242-2

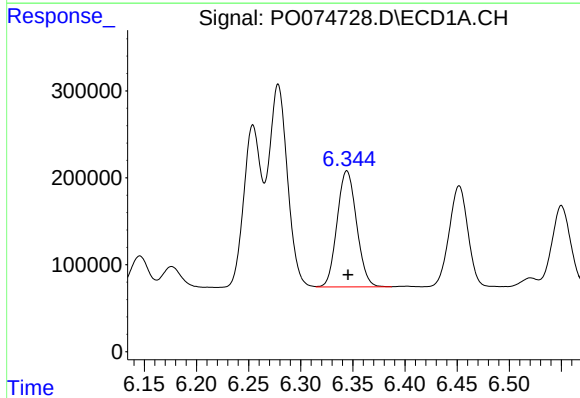
R.T.: 6.278 min
Delta R.T.: 0.000 min
Response: 2905882
Conc: 643.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



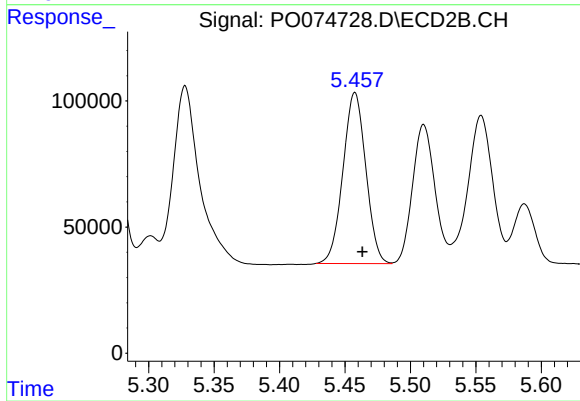
#17 AR-1242-2

R.T.: 5.268 min
Delta R.T.: -0.006 min
Response: 1505083
Conc: 597.90 ng/ml



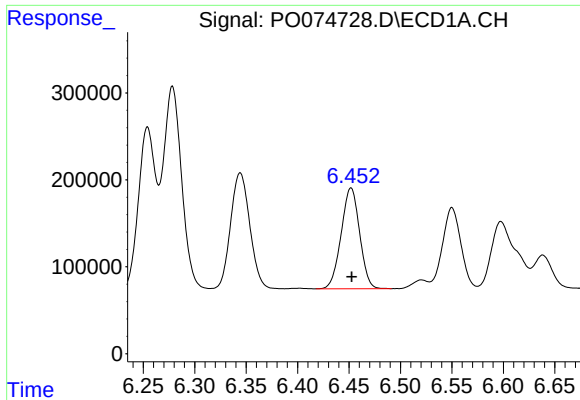
#18 AR-1242-3

R.T.: 6.344 min
Delta R.T.: -0.001 min
Response: 1736807
Conc: 637.16 ng/ml



#18 AR-1242-3

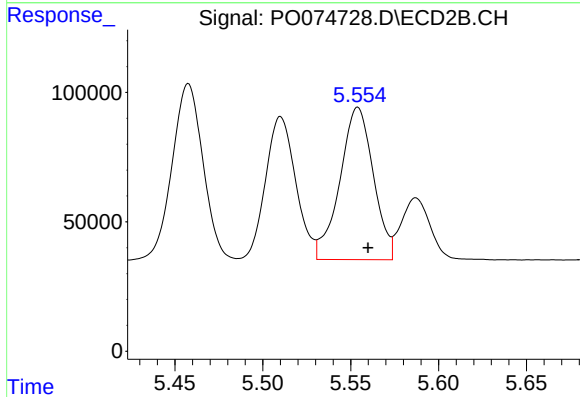
R.T.: 5.458 min
Delta R.T.: -0.006 min
Response: 824324
Conc: 607.04 ng/ml



#19 AR-1242-4

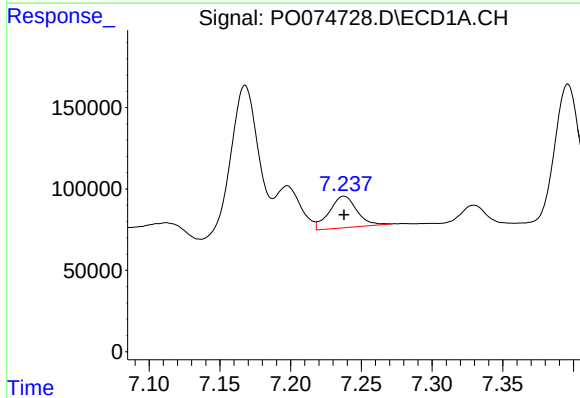
R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 1449995
Conc: 638.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



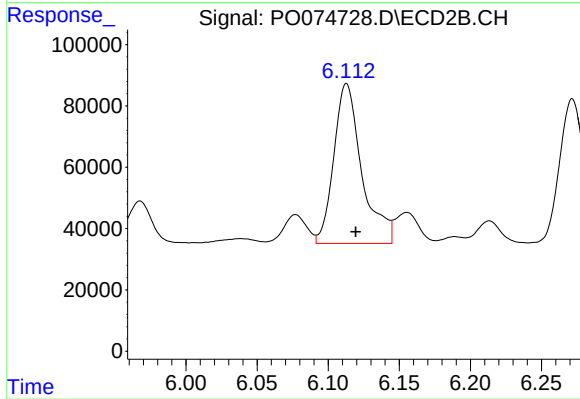
#19 AR-1242-4

R.T.: 5.554 min
Delta R.T.: -0.006 min
Response: 779775
Conc: 596.63 ng/ml



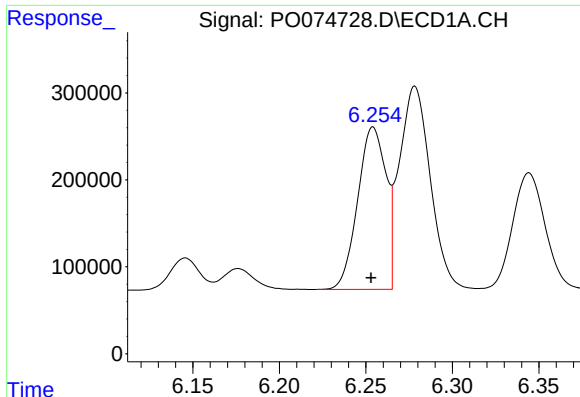
#20 AR-1242-5

R.T.: 7.238 min
Delta R.T.: 0.000 min
Response: 261515
Conc: 103.92 ng/ml



#20 AR-1242-5

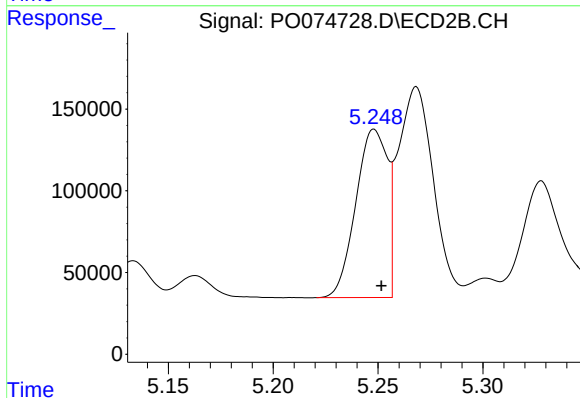
R.T.: 6.113 min
Delta R.T.: -0.006 min
Response: 713430
Conc: 407.48 ng/ml



#21 AR-1248-1

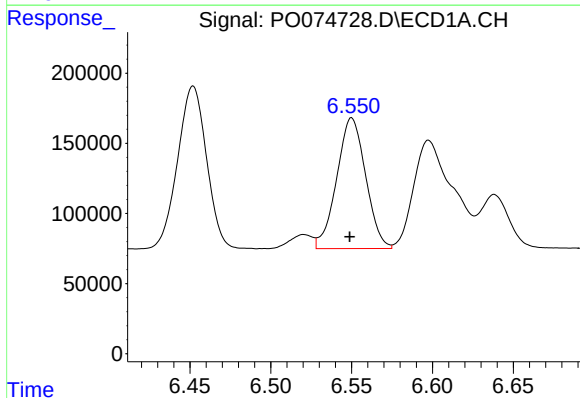
R.T.: 6.254 min
Delta R.T.: 0.001 min
Response: 2122101
Conc: 881.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



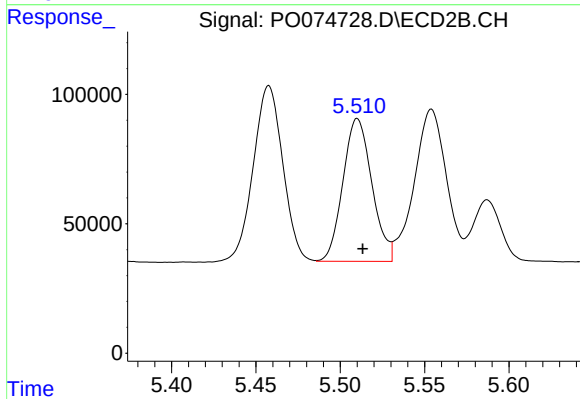
#21 AR-1248-1

R.T.: 5.248 min
Delta R.T.: -0.003 min
Response: 1079703
Conc: 785.05 ng/ml



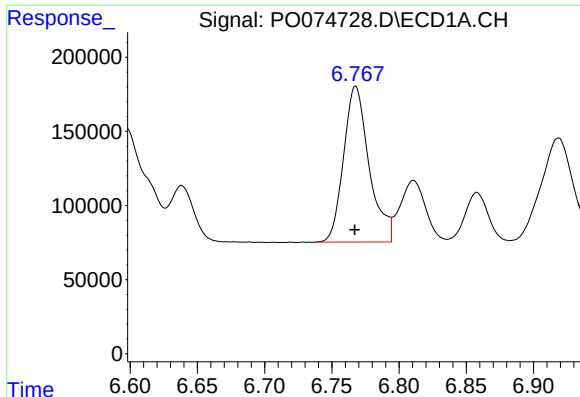
#22 AR-1248-2

R.T.: 6.550 min
Delta R.T.: 0.001 min
Response: 1160438
Conc: 373.12 ng/ml



#22 AR-1248-2

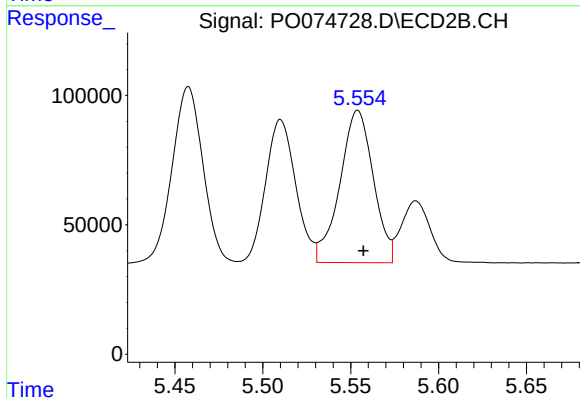
R.T.: 5.510 min
Delta R.T.: -0.003 min
Response: 659709
Conc: 351.03 ng/ml



#23 AR-1248-3

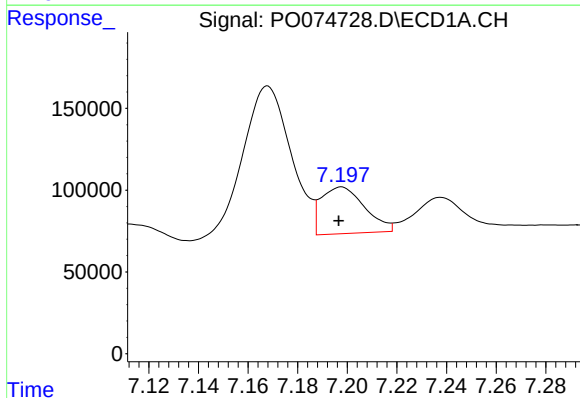
R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 1387702
Conc: 383.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



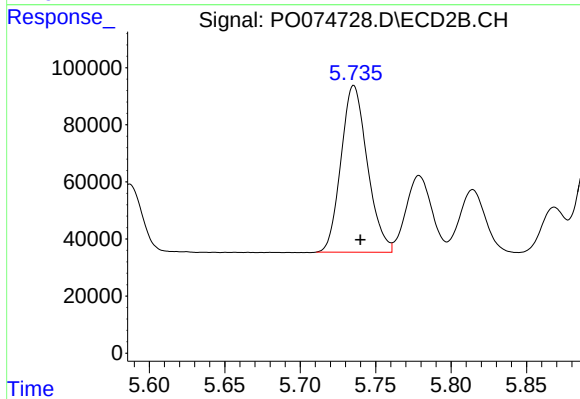
#23 AR-1248-3

R.T.: 5.554 min
Delta R.T.: -0.003 min
Response: 779775
Conc: 413.10 ng/ml



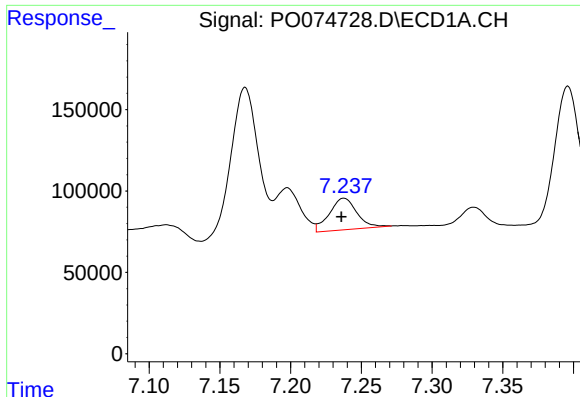
#24 AR-1248-4

R.T.: 7.198 min
Delta R.T.: 0.001 min
Response: 346927
Conc: 77.80 ng/ml



#24 AR-1248-4

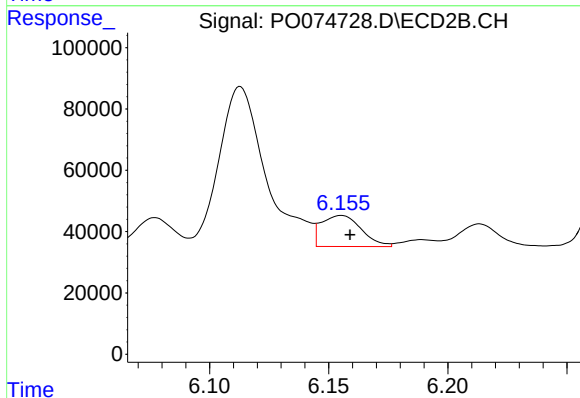
R.T.: 5.736 min
Delta R.T.: -0.004 min
Response: 709971
Conc: 315.21 ng/ml



#25 AR-1248-5

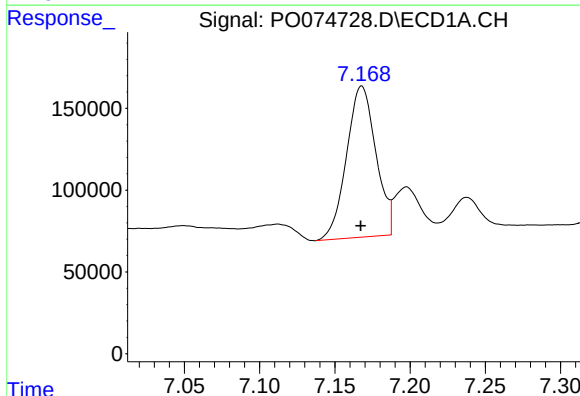
R.T.: 7.238 min
Delta R.T.: 0.002 min
Response: 261515
Conc: 62.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



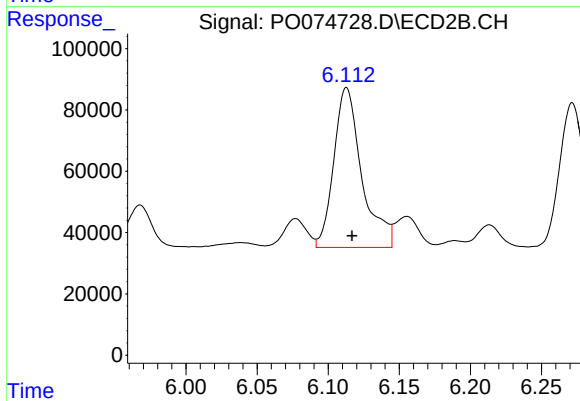
#25 AR-1248-5

R.T.: 6.155 min
Delta R.T.: -0.004 min
Response: 118373
Conc: 50.35 ng/ml



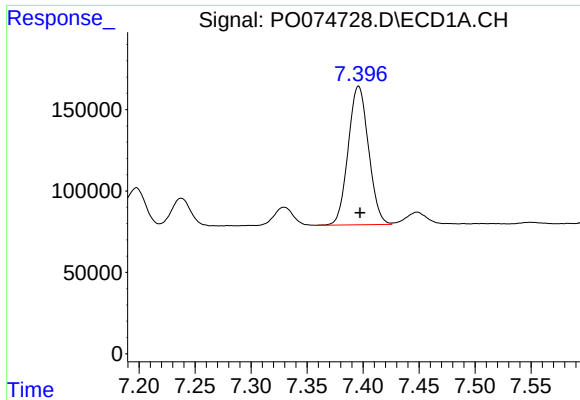
#26 AR-1254-1

R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 1254750
Conc: 285.29 ng/ml



#26 AR-1254-1

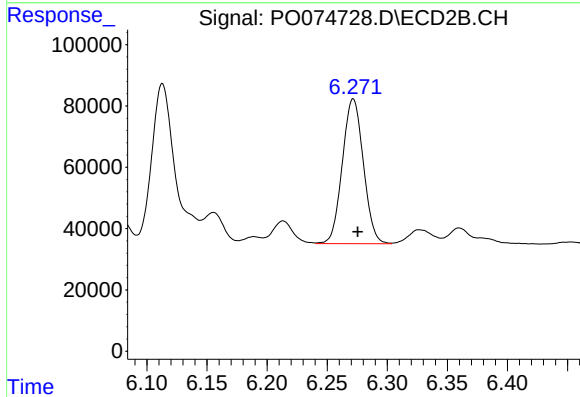
R.T.: 6.113 min
Delta R.T.: -0.004 min
Response: 713430
Conc: 197.52 ng/ml



#27 AR-1254-2

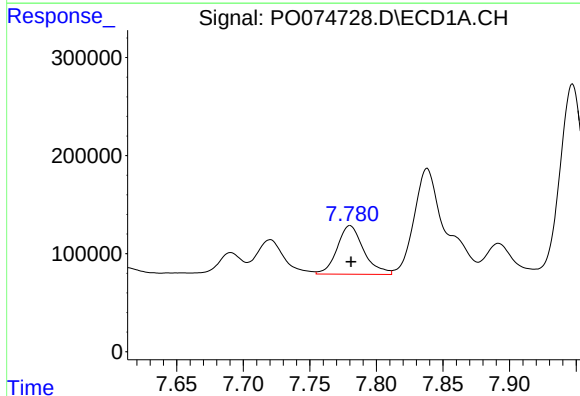
R.T.: 7.396 min
Delta R.T.: -0.001 min
Response: 1077337
Conc: 158.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



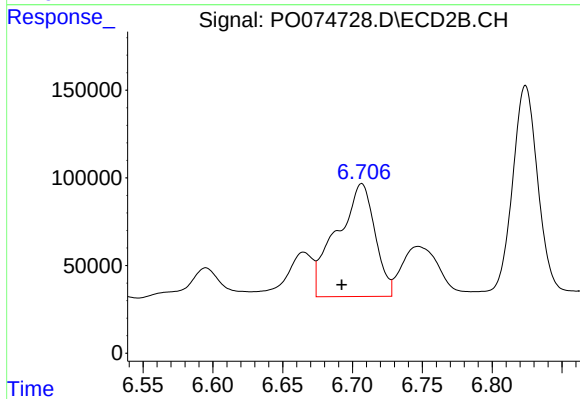
#27 AR-1254-2

R.T.: 6.272 min
Delta R.T.: -0.004 min
Response: 575871
Conc: 184.78 ng/ml



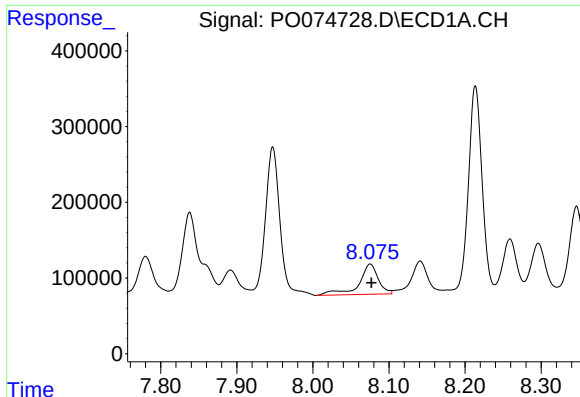
#28 AR-1254-3

R.T.: 7.780 min
Delta R.T.: 0.000 min
Response: 690945
Conc: 98.50 ng/ml



#28 AR-1254-3

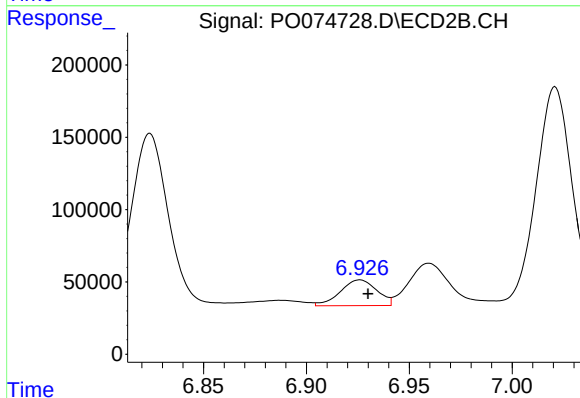
R.T.: 6.707 min
Delta R.T.: 0.014 min
Response: 1220408
Conc: 248.86 ng/ml



#29 AR-1254-4

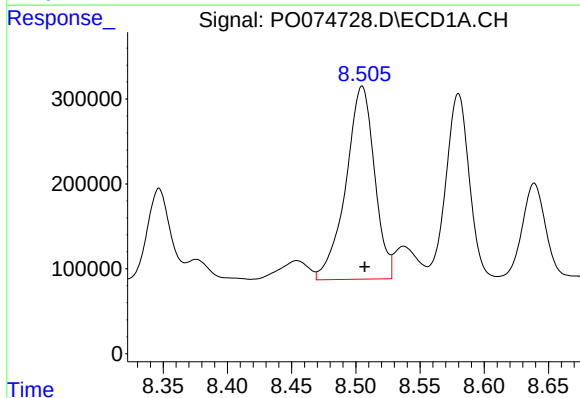
R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 705294
Conc: 116.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



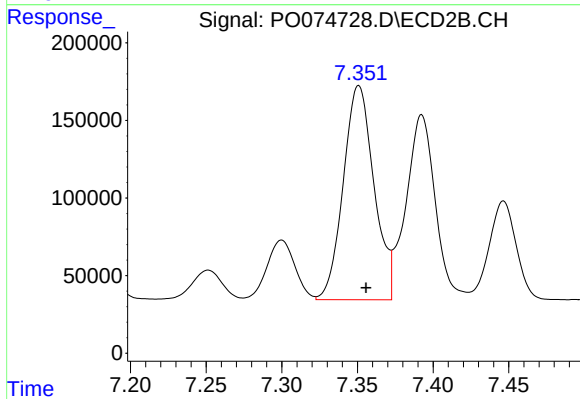
#29 AR-1254-4

R.T.: 6.926 min
Delta R.T.: -0.004 min
Response: 220788
Conc: 63.67 ng/ml



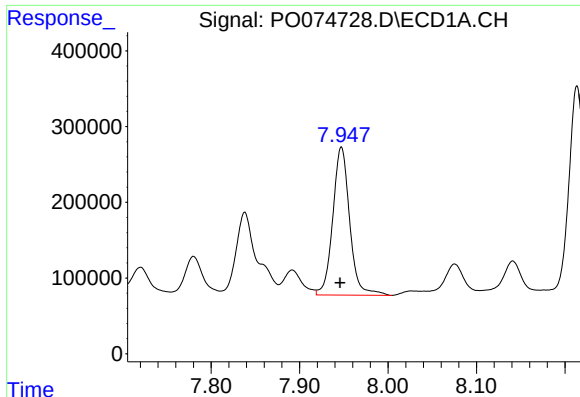
#30 AR-1254-5

R.T.: 8.505 min
Delta R.T.: -0.002 min
Response: 3533280
Conc: 608.25 ng/ml



#30 AR-1254-5

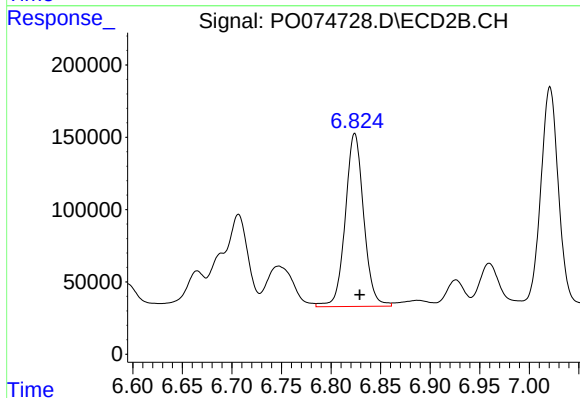
R.T.: 7.351 min
Delta R.T.: -0.005 min
Response: 1951285
Conc: 431.13 ng/ml



#31 AR-1260-1

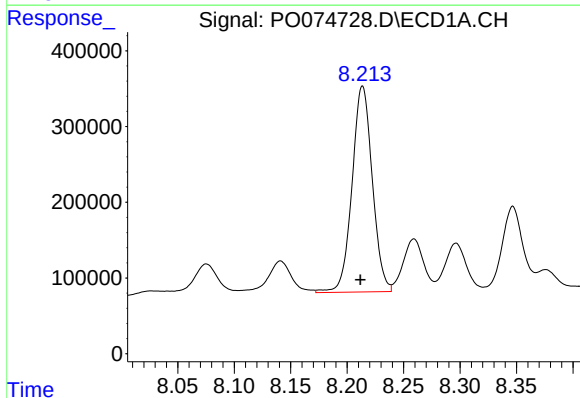
R.T.: 7.947 min
Delta R.T.: 0.002 min
Response: 2591917
Conc: 519.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



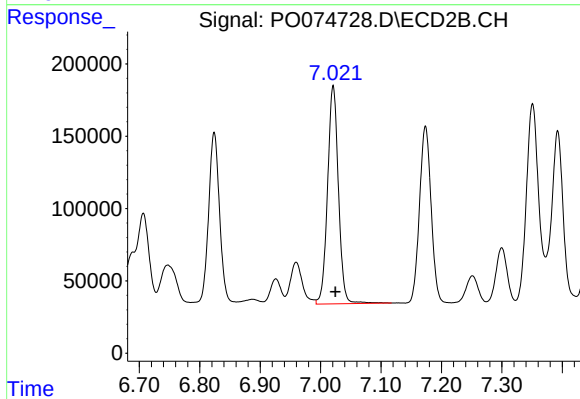
#31 AR-1260-1

R.T.: 6.824 min
Delta R.T.: -0.005 min
Response: 1549505
Conc: 485.69 ng/ml



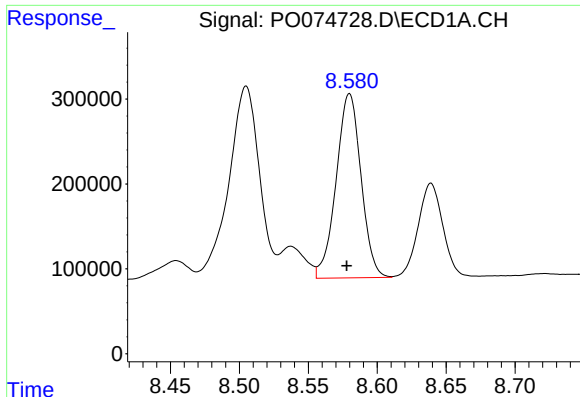
#32 AR-1260-2

R.T.: 8.214 min
Delta R.T.: 0.002 min
Response: 3399414
Conc: 499.76 ng/ml



#32 AR-1260-2

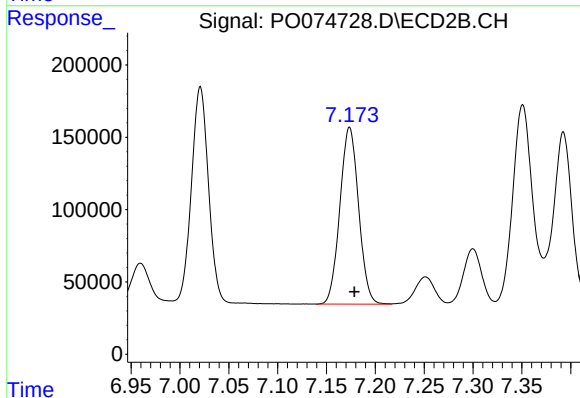
R.T.: 7.021 min
Delta R.T.: -0.004 min
Response: 1882488
Conc: 442.83 ng/ml



#33 AR-1260-3

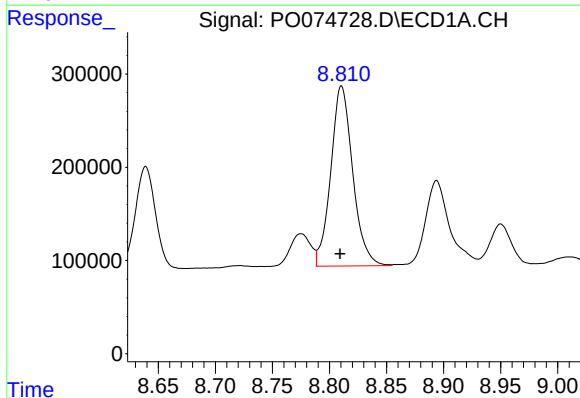
R.T.: 8.580 min
Delta R.T.: 0.002 min
Response: 2725505
Conc: 475.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



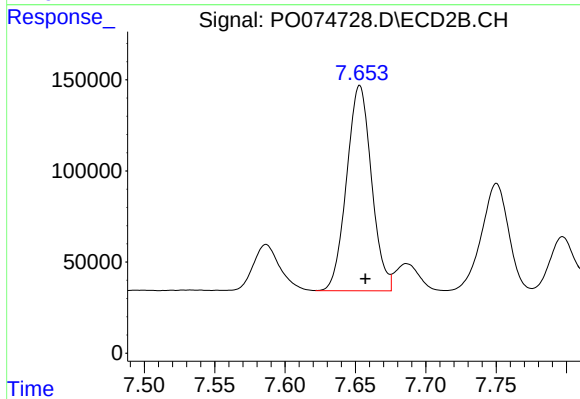
#33 AR-1260-3

R.T.: 7.174 min
Delta R.T.: -0.005 min
Response: 1633083
Conc: 453.20 ng/ml



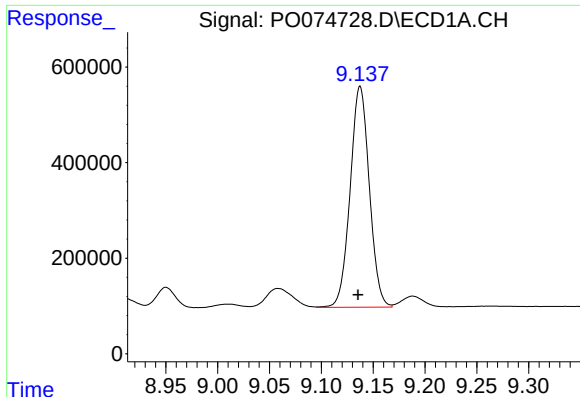
#34 AR-1260-4

R.T.: 8.811 min
Delta R.T.: 0.001 min
Response: 2586893
Conc: 472.81 ng/ml



#34 AR-1260-4

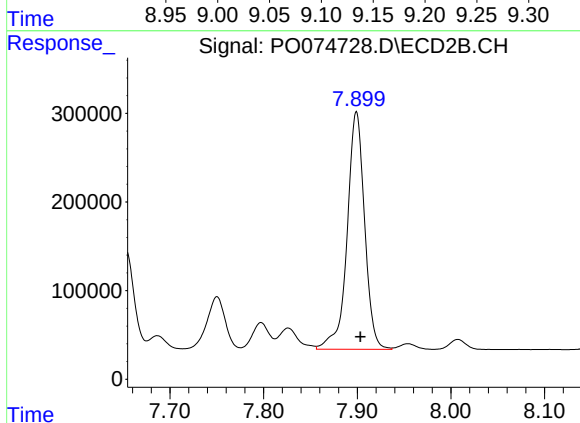
R.T.: 7.653 min
Delta R.T.: -0.004 min
Response: 1390216
Conc: 443.97 ng/ml



#35 AR-1260-5

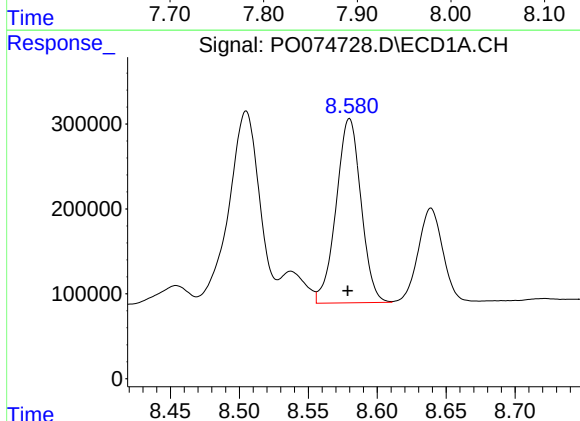
R.T.: 9.137 min
Delta R.T.: 0.002 min
Response: 5951771
Conc: 476.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



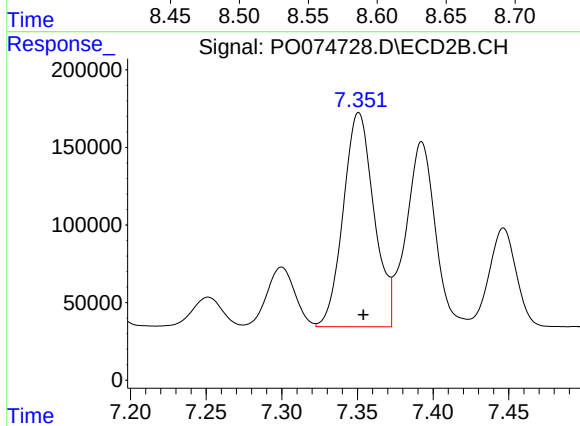
#35 AR-1260-5

R.T.: 7.899 min
Delta R.T.: -0.004 min
Response: 3476894
Conc: 437.42 ng/ml



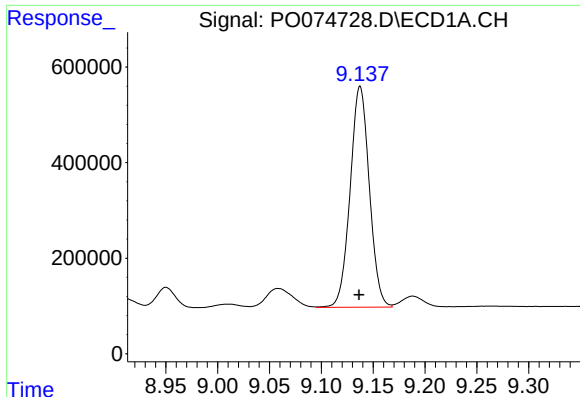
#36 AR-1262-1

R.T.: 8.580 min
Delta R.T.: 0.001 min
Response: 2725505
Conc: 306.09 ng/ml



#36 AR-1262-1

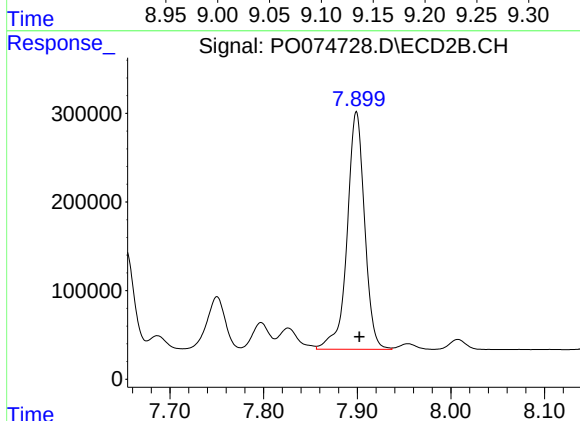
R.T.: 7.351 min
Delta R.T.: -0.003 min
Response: 1951285
Conc: 766.84 ng/ml



#37 AR-1262-2

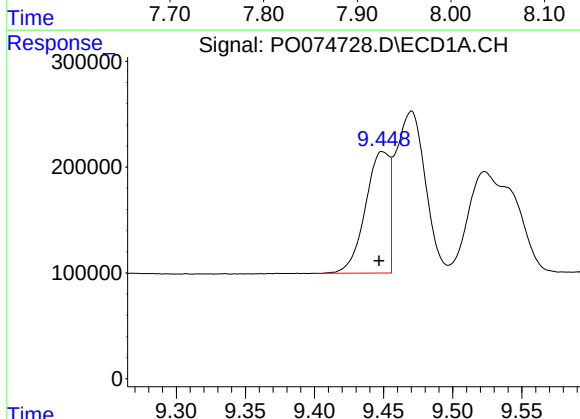
R.T.: 9.137 min
Delta R.T.: 0.000 min
Response: 5951771
Conc: 388.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



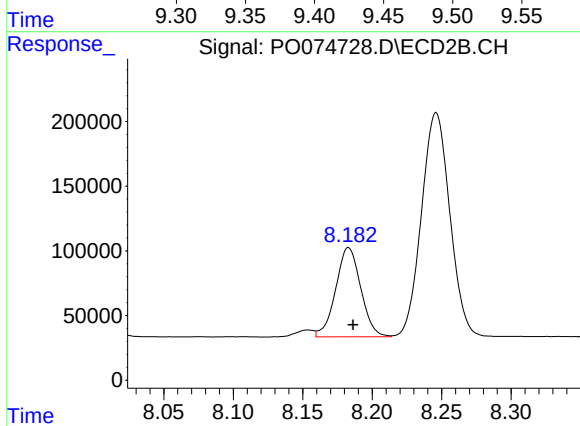
#37 AR-1262-2

R.T.: 7.899 min
Delta R.T.: -0.003 min
Response: 3476894
Conc: 378.16 ng/ml



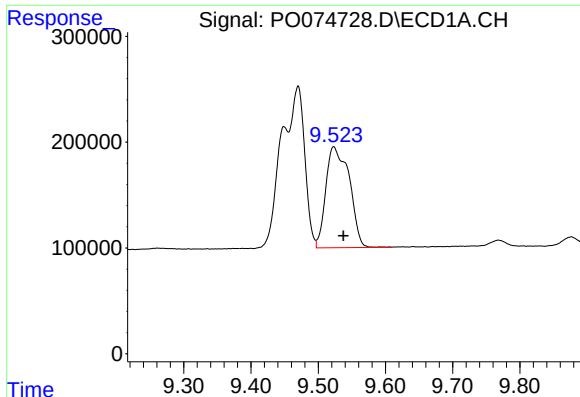
#38 AR-1262-3

R.T.: 9.449 min
Delta R.T.: 0.003 min
Response: 1387924
Conc: 138.57 ng/ml



#38 AR-1262-3

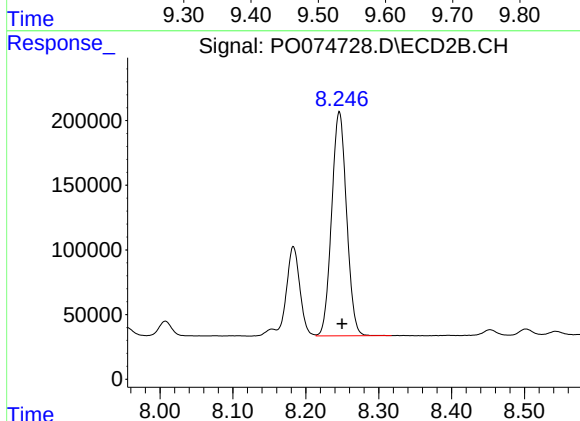
R.T.: 8.183 min
Delta R.T.: -0.003 min
Response: 869790
Conc: 219.96 ng/ml



#39 AR-1262-4

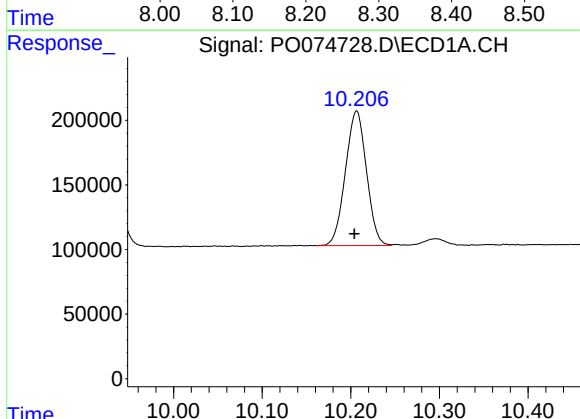
R.T.: 9.523 min
Delta R.T.: -0.014 min
Response: 2309229
Conc: 310.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



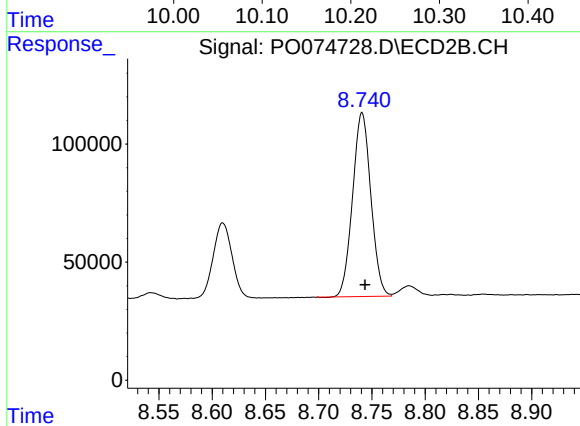
#39 AR-1262-4

R.T.: 8.246 min
Delta R.T.: -0.004 min
Response: 2467453
Conc: 372.43 ng/ml



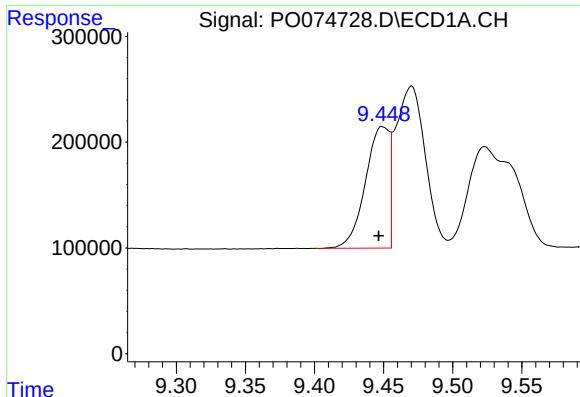
#40 AR-1262-5

R.T.: 10.207 min
Delta R.T.: 0.002 min
Response: 1719140
Conc: 328.61 ng/ml



#40 AR-1262-5

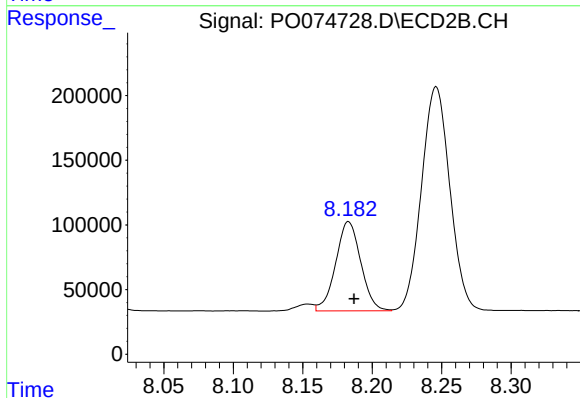
R.T.: 8.741 min
Delta R.T.: -0.003 min
Response: 929199
Conc: 300.96 ng/ml



#41 AR-1268-1

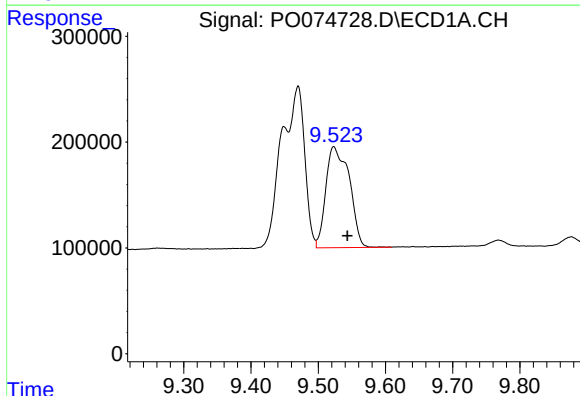
R.T.: 9.449 min
Delta R.T.: 0.003 min
Response: 1387924
Conc: 74.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



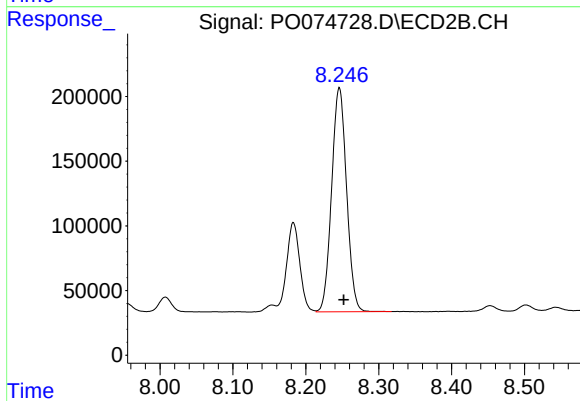
#41 AR-1268-1

R.T.: 8.183 min
Delta R.T.: -0.004 min
Response: 869790
Conc: 77.70 ng/ml



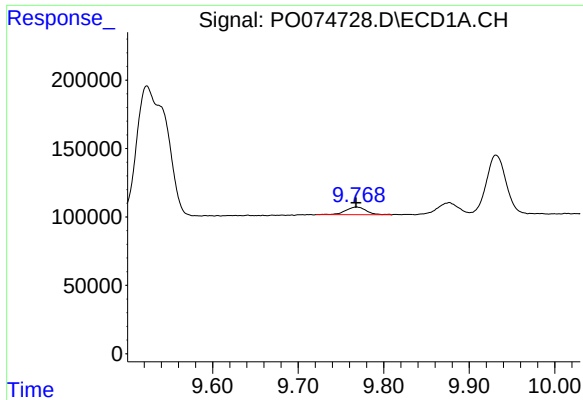
#42 AR-1268-2

R.T.: 9.523 min
Delta R.T.: -0.020 min
Response: 2309229
Conc: 144.73 ng/ml



#42 AR-1268-2

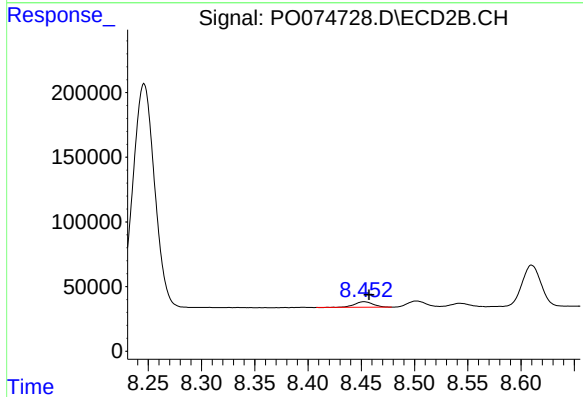
R.T.: 8.246 min
Delta R.T.: -0.006 min
Response: 2467453
Conc: 257.91 ng/ml



#43 AR-1268-3

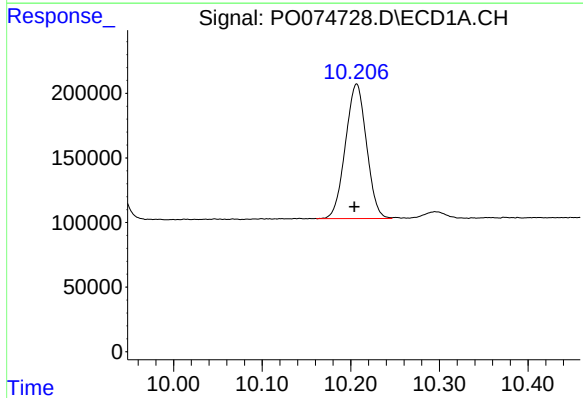
R.T.: 9.768 min
Delta R.T.: 0.000 min
Response: 94061
Conc: 6.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



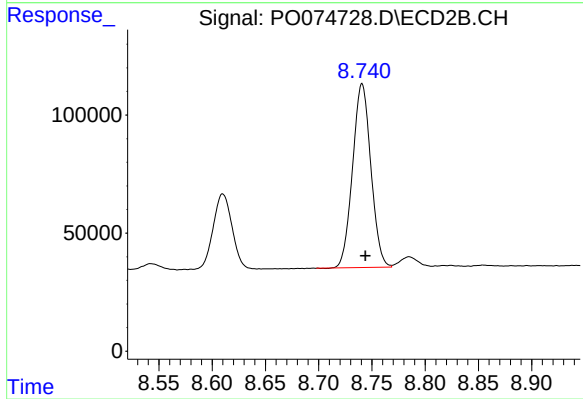
#43 AR-1268-3

R.T.: 8.453 min
Delta R.T.: -0.005 min
Response: 52514
Conc: 6.32 ng/ml



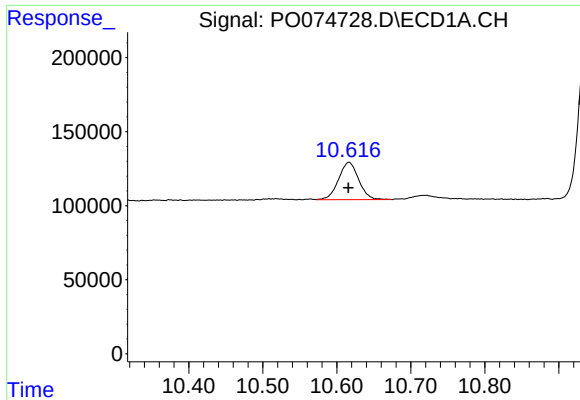
#44 AR-1268-4

R.T.: 10.207 min
Delta R.T.: 0.002 min
Response: 1719140
Conc: 293.44 ng/ml



#44 AR-1268-4

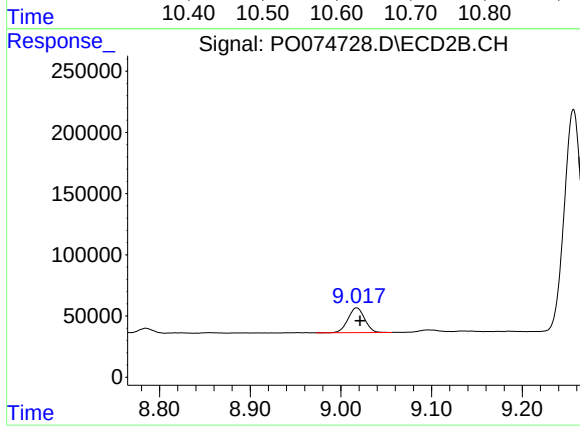
R.T.: 8.741 min
Delta R.T.: -0.003 min
Response: 929199
Conc: 267.85 ng/ml



#45 AR-1268-5

R.T.: 10.616 min
Delta R.T.: 0.000 min
Response: 477098
Conc: 11.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.017 min
Delta R.T.: -0.004 min
Response: 257867
Conc: 10.89 ng/ml