

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110320\
 Data File : PO073028.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Nov 2020 17:35
 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: Nov 04 05:45:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102620.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 31 07:06:26 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...	4.948	4.022	2561470	1650526	55.555	47.094
2) SA Decachlor...	10.979	9.303	2244873	1822399	60.762	54.647
Target Compounds						
3) L1 AR-1016-1	6.271	5.275	982772	693560	575.703	483.170
4) L1 AR-1016-2	6.295	5.295	1368445	944007	580.025	487.879
5) L1 AR-1016-3	6.362	5.485	829229	501437	574.708	478.230
6) L1 AR-1016-4	6.469	5.538	683305	421864	581.597	486.929
7) L1 AR-1016-5	6.786	5.765	650786	521493	606.552	485.253
8) L2 AR-1221-1	5.193	4.277	89253	61887	131.361	126.729
9) L2 AR-1221-2	5.298	4.377	130953	90817	260.684	249.272
10) L2 AR-1221-3	5.385	4.465	486322	339699	314.294	296.011
11) L3 AR-1232-1	5.385	4.465	486322	339699	456.496	387.501
12) L3 AR-1232-2	5.976	5.295	650134	944007	1228.062	1077.781
13) L3 AR-1232-3	6.295	5.485	1368445	501437	1323.587	1067.331
14) L3 AR-1232-4	6.469	5.582	683305	507436	1329.563	1191.633
15) L3 AR-1232-5	6.567	5.765	542228	521493	1531.997	1117.675 #
16) L4 AR-1242-1	6.271	5.275	982772	693560	706.407	589.878
17) L4 AR-1242-2	6.295	5.295	1368445	944007	715.844	594.440
18) L4 AR-1242-3	6.362	5.485	829229	501437	700.267	580.056
19) L4 AR-1242-4	6.469	5.582	683305	507436	705.789	611.369
20) L4 AR-1242-5	7.255	6.143	121327	428311	118.442	399.139 #
21) L5 AR-1248-1	6.271	5.275	982772	693560	952.408	731.583
22) L5 AR-1248-2	6.567	5.538	542228	421864	412.432	335.409
23) L5 AR-1248-3	6.786	5.582	650786	507436	439.234	392.368
24) L5 AR-1248-4	7.215	5.765	155057	521493	85.860	335.650 #
25) L5 AR-1248-5	7.255	6.184	121327	76058	70.388	49.400 #
26) L6 AR-1254-1	7.185	6.143	511108	428311	294.920	190.293 #
27) L6 AR-1254-2	7.414	6.302	484353	373860	181.272	186.137
28) L6 AR-1254-3	7.798	6.739f	297253	767668	109.988	241.623 #
29) L6 AR-1254-4	8.093	6.957	276490	140949	126.168	64.806 #
30) L6 AR-1254-5	8.522	7.385	1359719	1344359	629.092	483.011
31) L7 AR-1260-1	7.965	6.857	1125675	1052205	605.247	529.142
32) L7 AR-1260-2	8.231	7.053	1417520	1236299	623.667	493.408
33) L7 AR-1260-3	8.598	7.207	944179	1102880	550.657	500.364
34) L7 AR-1260-4	8.829	7.688	1222823	954582	612.149	518.671
35) L7 AR-1260-5	9.156	7.934	2451345	2296842	604.349	522.594
36) L8 AR-1262-1	8.598	7.385	944179	1344359	394.767	969.569 #
37) L8 AR-1262-2	9.156	7.934	2451345	2296842	554.078	503.476
38) L8 AR-1262-3	9.489f	8.220	1653669	531997	514.047	290.732 #
39) L8 AR-1262-4	9.543f	8.281	1032961	1676500	430.633	503.585
40) L8 AR-1262-5	10.229	8.776	782321	666062	465.906	406.747
41) L9 AR-1268-1	9.489f	8.220	1653669	531997	224.585	89.218 #

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 Sample : AR1660CCC500
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 ALS Vial : 3 Sample Multiplier: 1

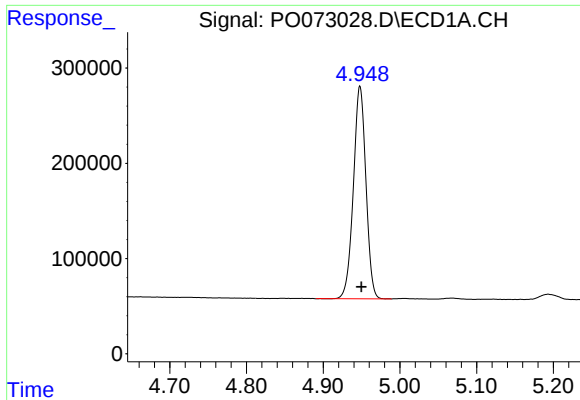
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 05:45:36 2020
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 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	9.543f	8.281	1032961	1676500	156.661	308.689 #
43) L9	AR-1268-3	9.791	8.493	122086	60384	21.916	12.388 #
44) L9	AR-1268-4	10.229	8.776	782321	666062	335.466	305.046
45) L9	AR-1268-5	10.643	9.057	212431	174040	12.528	12.085

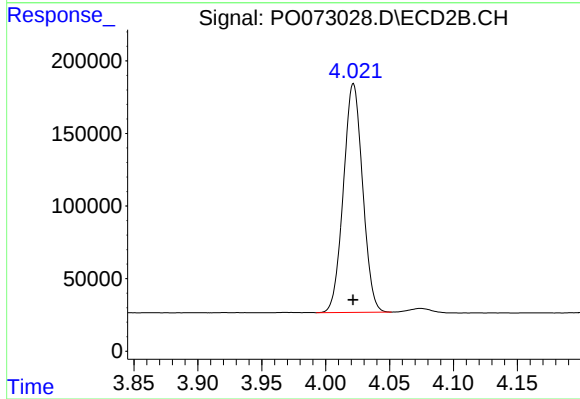
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

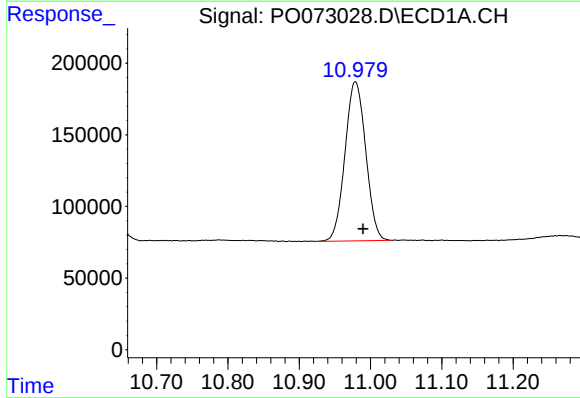
R.T.: 4.948 min
Delta R.T.: -0.002 min
Response: 2561470
Conc: 55.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



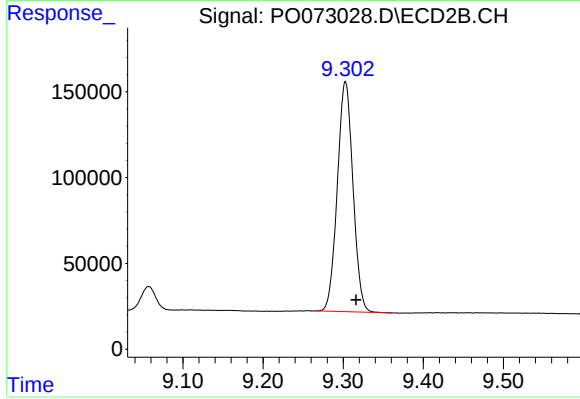
#1 Tetrachloro-m-xylene

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 1650526
Conc: 47.09 ng/ml



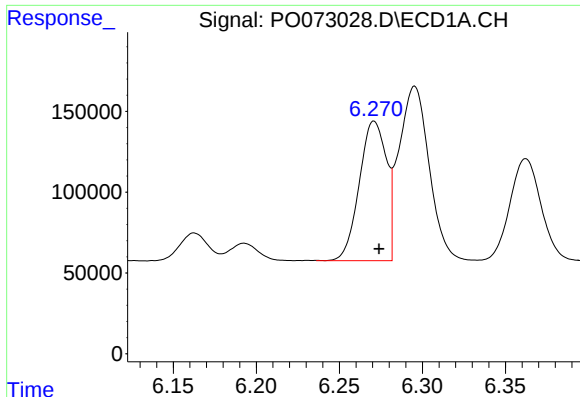
#2 Decachlorobiphenyl

R.T.: 10.979 min
Delta R.T.: -0.011 min
Response: 2244873
Conc: 60.76 ng/ml



#2 Decachlorobiphenyl

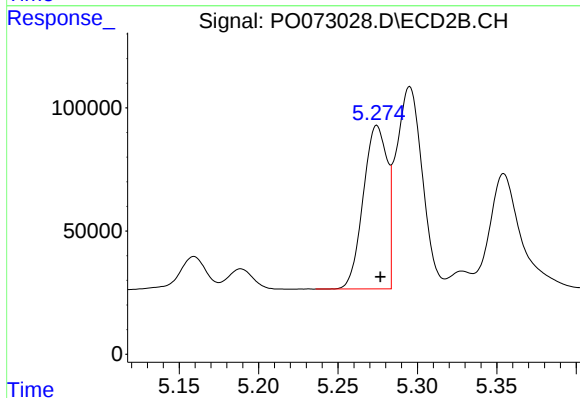
R.T.: 9.303 min
Delta R.T.: -0.013 min
Response: 1822399
Conc: 54.65 ng/ml



#3 AR-1016-1

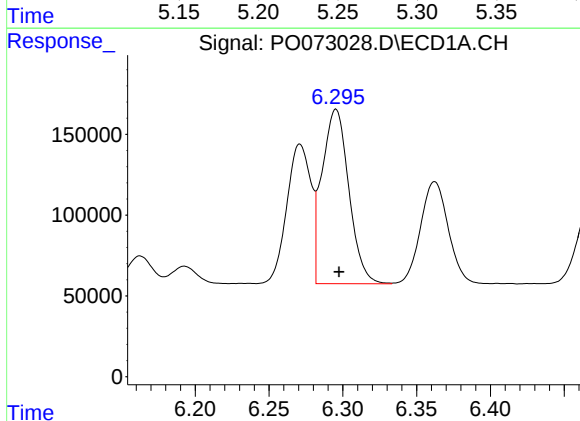
R.T.: 6.271 min
Delta R.T.: -0.003 min
Response: 982772
Conc: 575.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



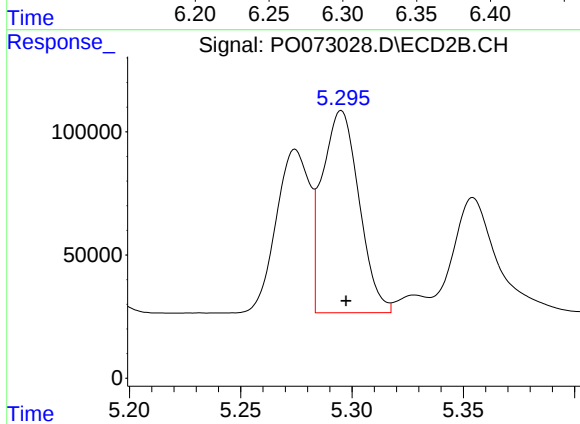
#3 AR-1016-1

R.T.: 5.275 min
Delta R.T.: -0.002 min
Response: 693560
Conc: 483.17 ng/ml



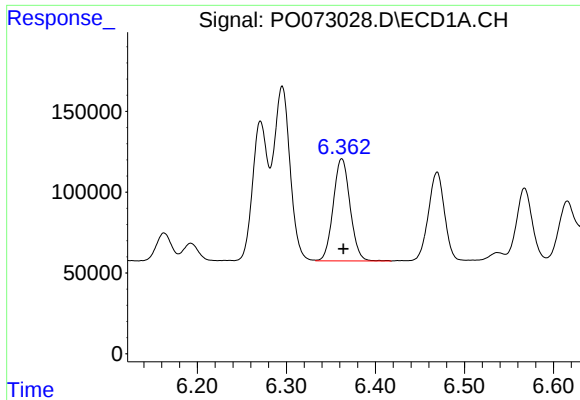
#4 AR-1016-2

R.T.: 6.295 min
Delta R.T.: -0.002 min
Response: 1368445
Conc: 580.03 ng/ml



#4 AR-1016-2

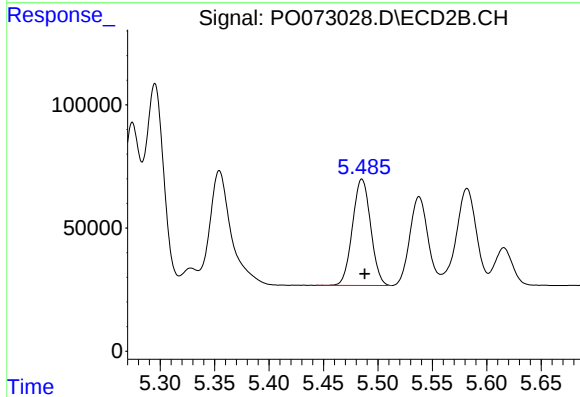
R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 944007
Conc: 487.88 ng/ml



#5 AR-1016-3

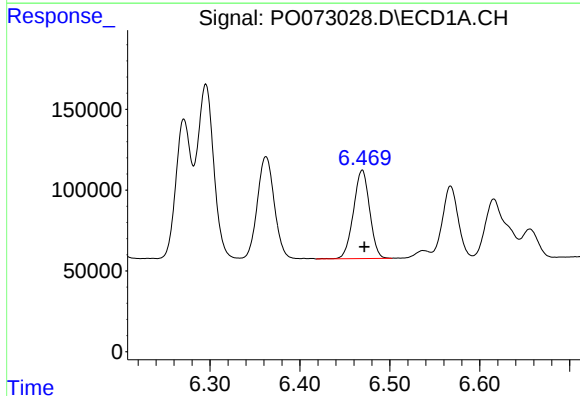
R.T.: 6.362 min
Delta R.T.: -0.002 min
Response: 829229
Conc: 574.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



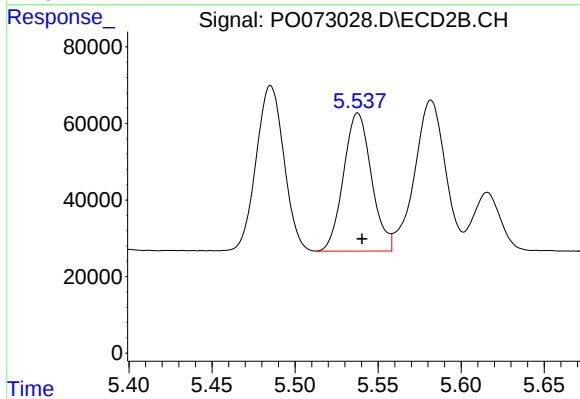
#5 AR-1016-3

R.T.: 5.485 min
Delta R.T.: -0.003 min
Response: 501437
Conc: 478.23 ng/ml



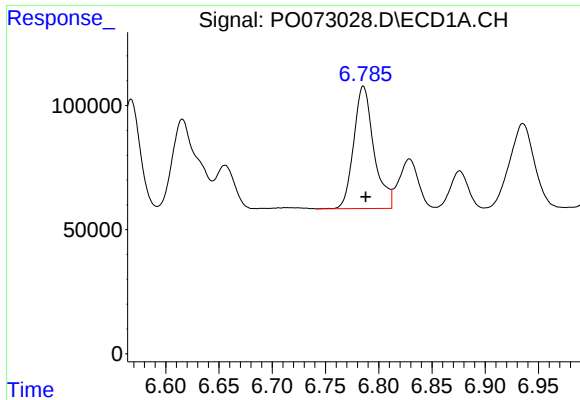
#6 AR-1016-4

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 683305
Conc: 581.60 ng/ml



#6 AR-1016-4

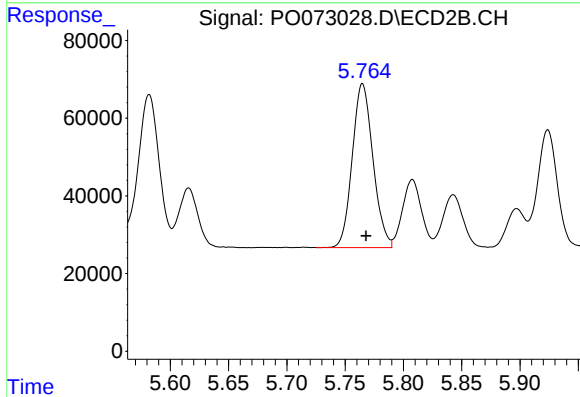
R.T.: 5.538 min
Delta R.T.: -0.003 min
Response: 421864
Conc: 486.93 ng/ml



#7 AR-1016-5

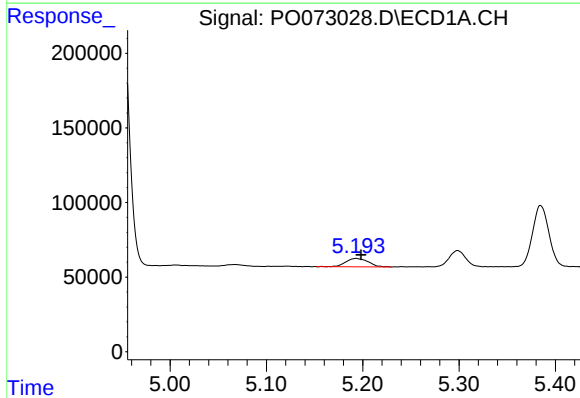
R.T.: 6.786 min
Delta R.T.: -0.002 min
Response: 650786
Conc: 606.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



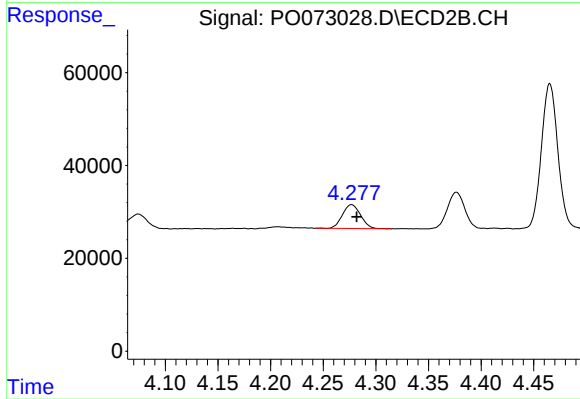
#7 AR-1016-5

R.T.: 5.765 min
Delta R.T.: -0.003 min
Response: 521493
Conc: 485.25 ng/ml



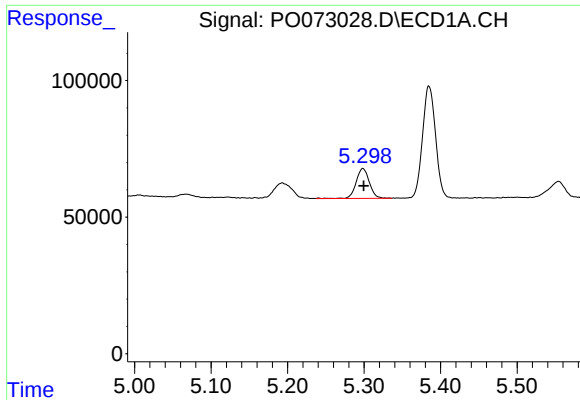
#8 AR-1221-1

R.T.: 5.193 min
Delta R.T.: -0.005 min
Response: 89253
Conc: 131.36 ng/ml



#8 AR-1221-1

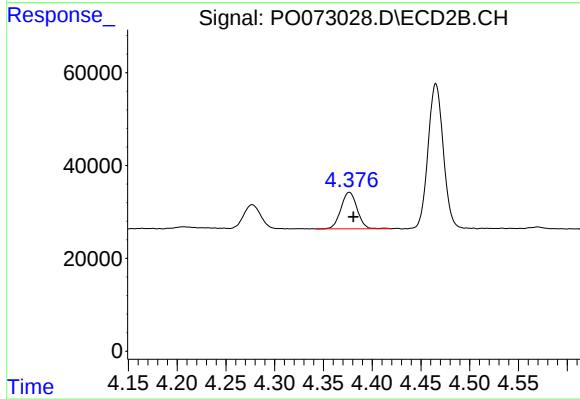
R.T.: 4.277 min
Delta R.T.: -0.005 min
Response: 61887
Conc: 126.73 ng/ml



#9 AR-1221-2

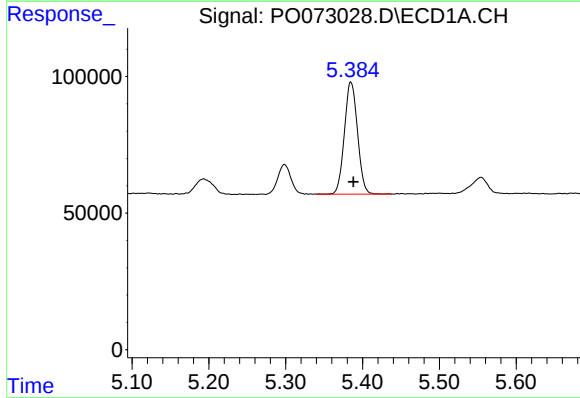
R.T.: 5.298 min
Delta R.T.: 0.000 min
Response: 130953
Conc: 260.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



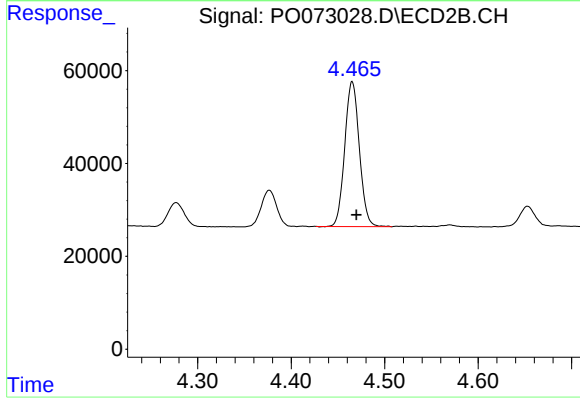
#9 AR-1221-2

R.T.: 4.377 min
Delta R.T.: -0.004 min
Response: 90817
Conc: 249.27 ng/ml



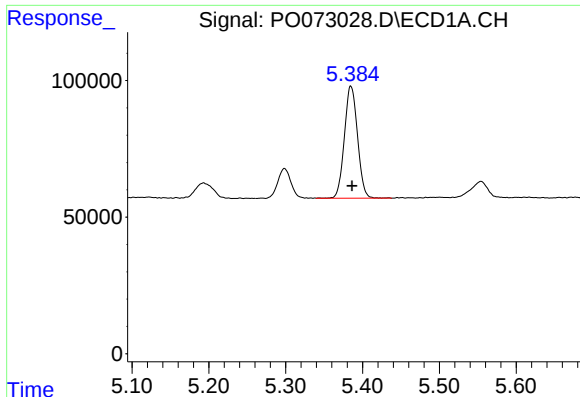
#10 AR-1221-3

R.T.: 5.385 min
Delta R.T.: -0.003 min
Response: 486322
Conc: 314.29 ng/ml



#10 AR-1221-3

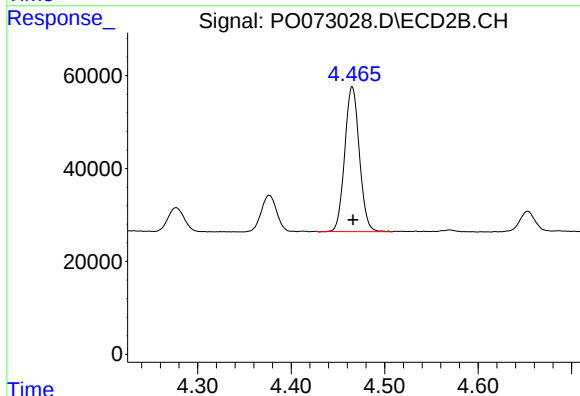
R.T.: 4.465 min
Delta R.T.: -0.005 min
Response: 339699
Conc: 296.01 ng/ml



#11 AR-1232-1

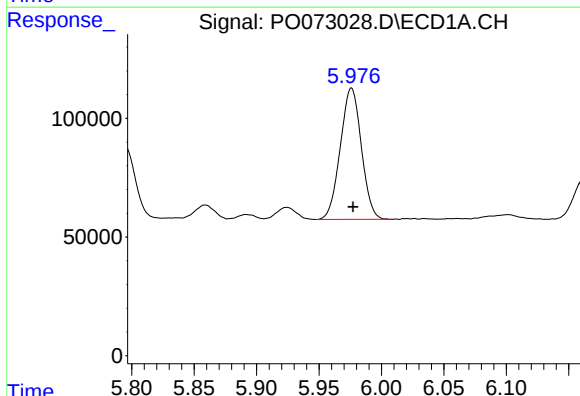
R.T.: 5.385 min
Delta R.T.: -0.001 min
Response: 486322
Conc: 456.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



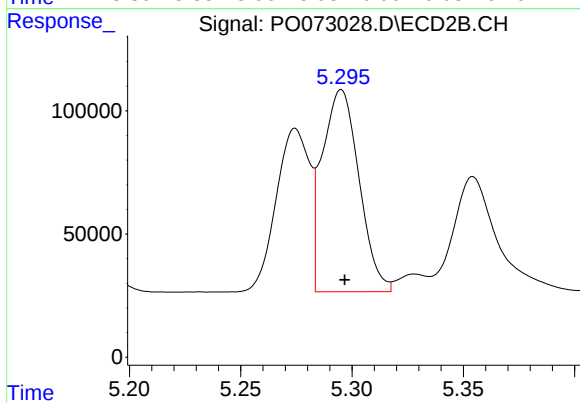
#11 AR-1232-1

R.T.: 4.465 min
Delta R.T.: 0.000 min
Response: 339699
Conc: 387.50 ng/ml



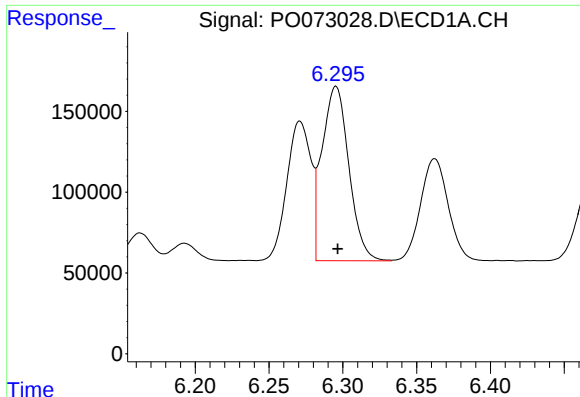
#12 AR-1232-2

R.T.: 5.976 min
Delta R.T.: -0.001 min
Response: 650134
Conc: 1228.06 ng/ml



#12 AR-1232-2

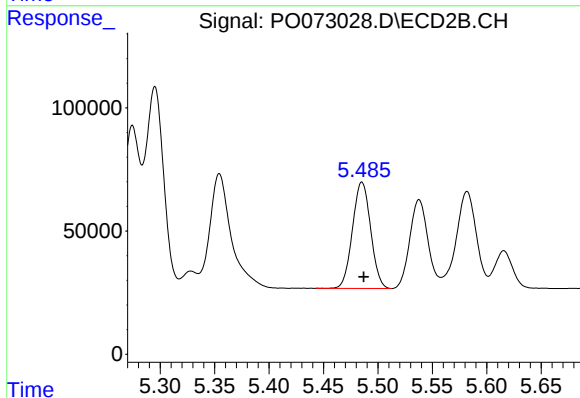
R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 944007
Conc: 1077.78 ng/ml



#13 AR-1232-3

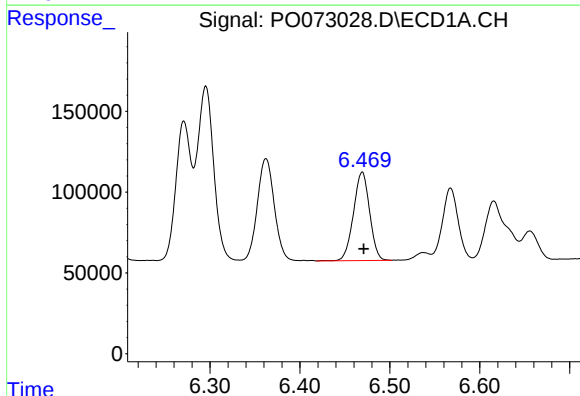
R.T.: 6.295 min
Delta R.T.: -0.001 min
Response: 1368445
Conc: 1323.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



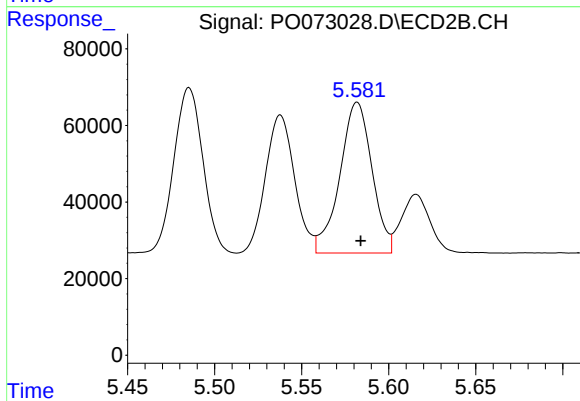
#13 AR-1232-3

R.T.: 5.485 min
Delta R.T.: -0.001 min
Response: 501437
Conc: 1067.33 ng/ml



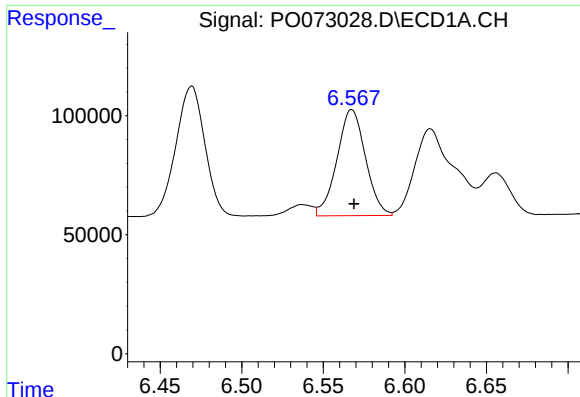
#14 AR-1232-4

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 683305
Conc: 1329.56 ng/ml



#14 AR-1232-4

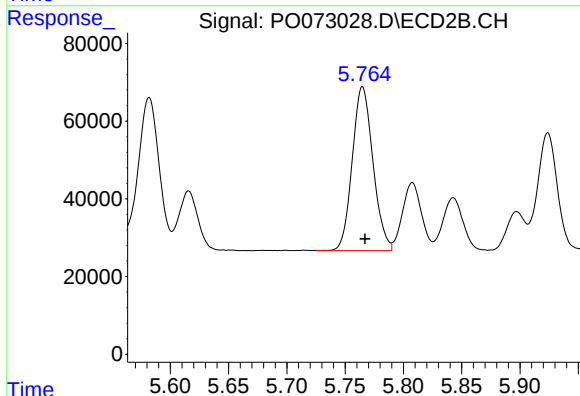
R.T.: 5.582 min
Delta R.T.: -0.002 min
Response: 507436
Conc: 1191.63 ng/ml



#15 AR-1232-5

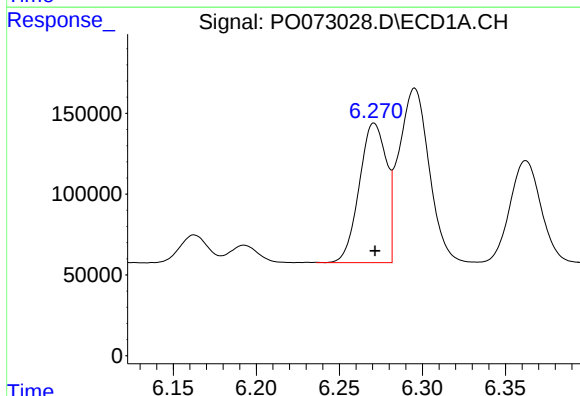
R.T.: 6.567 min
Delta R.T.: -0.001 min
Response: 542228
Conc: 1532.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



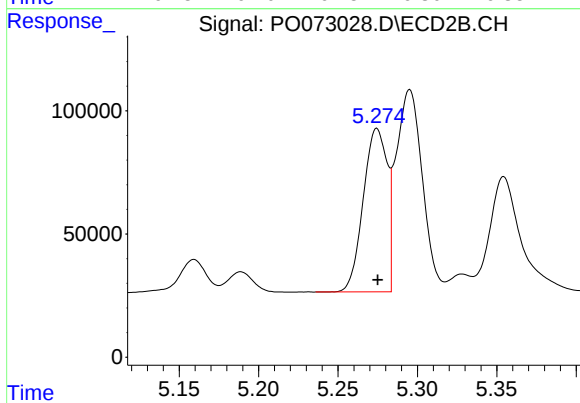
#15 AR-1232-5

R.T.: 5.765 min
Delta R.T.: -0.002 min
Response: 521493
Conc: 1117.68 ng/ml



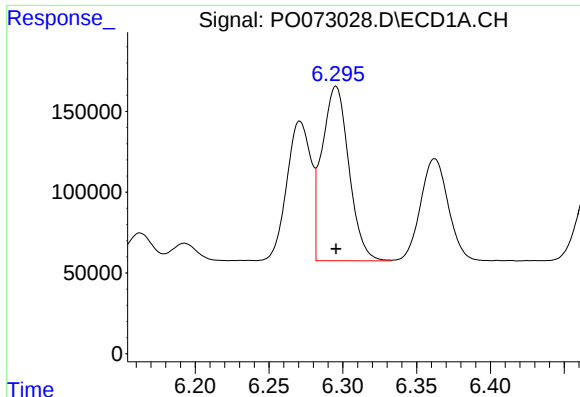
#16 AR-1242-1

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 982772
Conc: 706.41 ng/ml



#16 AR-1242-1

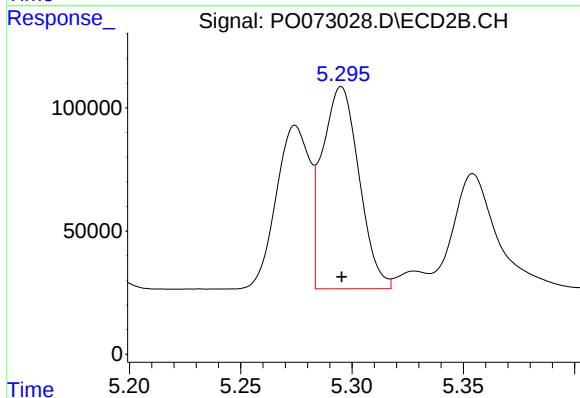
R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 693560
Conc: 589.88 ng/ml



#17 AR-1242-2

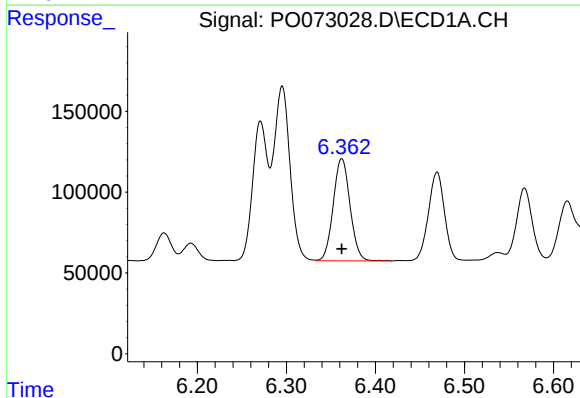
R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 1368445
Conc: 715.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



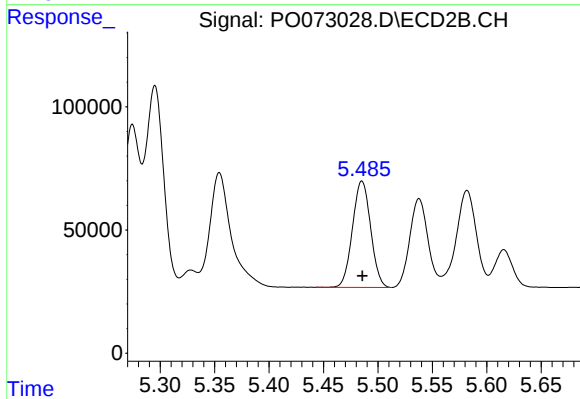
#17 AR-1242-2

R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 944007
Conc: 594.44 ng/ml



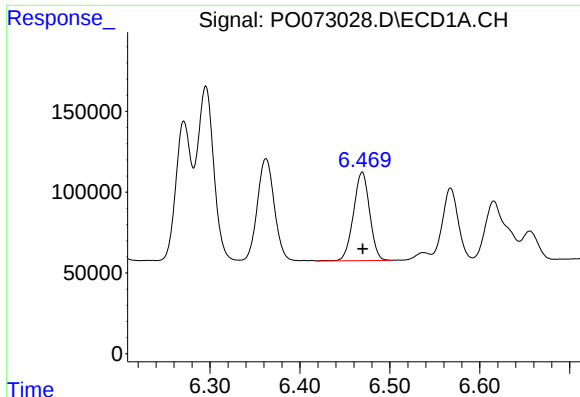
#18 AR-1242-3

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 829229
Conc: 700.27 ng/ml



#18 AR-1242-3

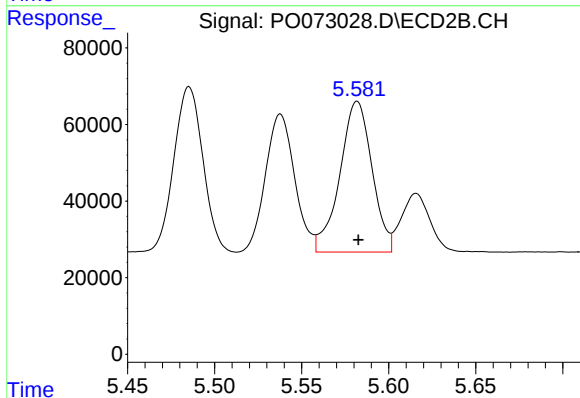
R.T.: 5.485 min
Delta R.T.: 0.000 min
Response: 501437
Conc: 580.06 ng/ml



#19 AR-1242-4

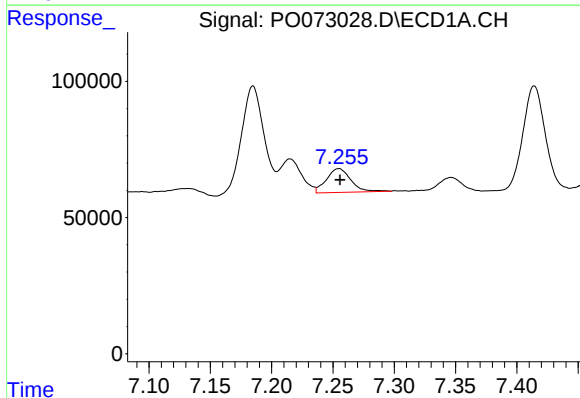
R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 683305
Conc: 705.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



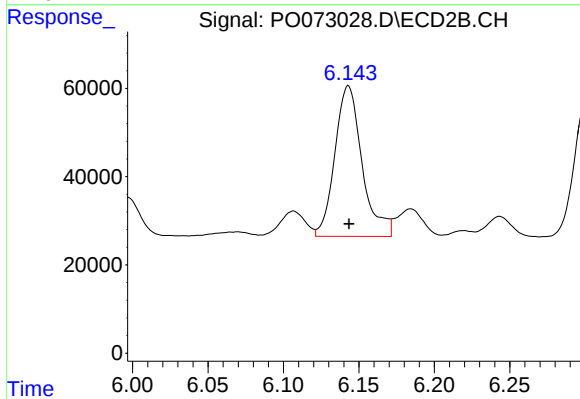
#19 AR-1242-4

R.T.: 5.582 min
Delta R.T.: 0.000 min
Response: 507436
Conc: 611.37 ng/ml



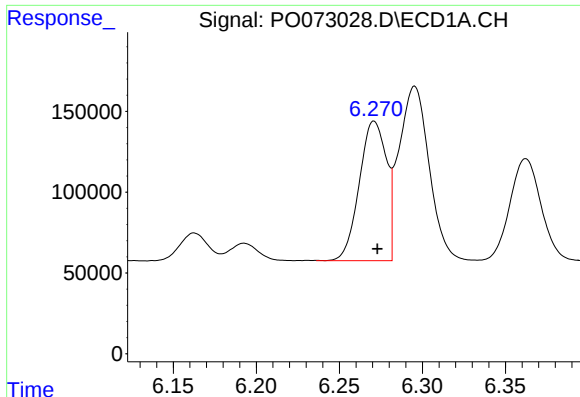
#20 AR-1242-5

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 121327
Conc: 118.44 ng/ml



#20 AR-1242-5

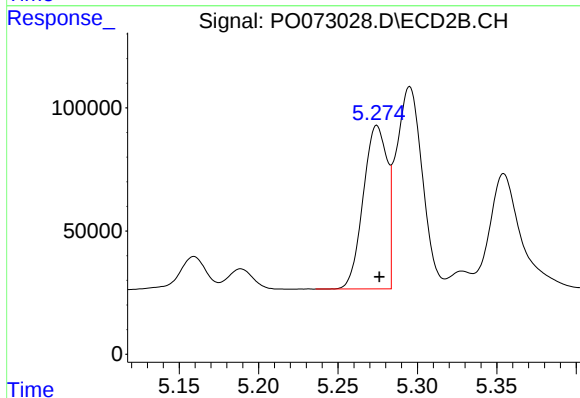
R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 428311
Conc: 399.14 ng/ml



#21 AR-1248-1

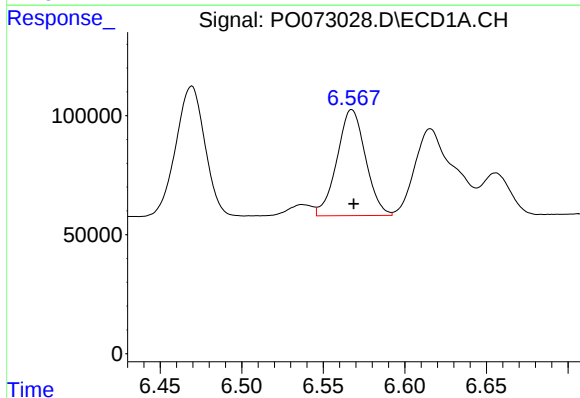
R.T.: 6.271 min
Delta R.T.: -0.002 min
Response: 982772
Conc: 952.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



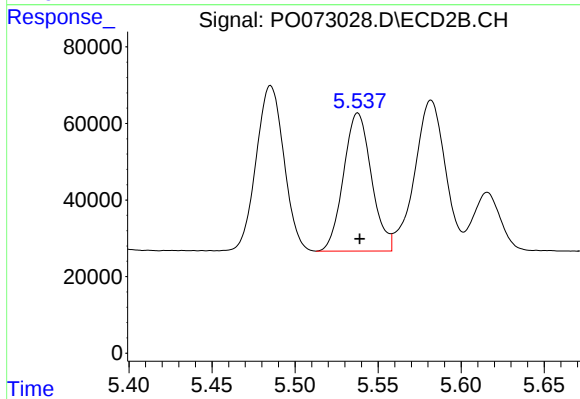
#21 AR-1248-1

R.T.: 5.275 min
Delta R.T.: -0.002 min
Response: 693560
Conc: 731.58 ng/ml



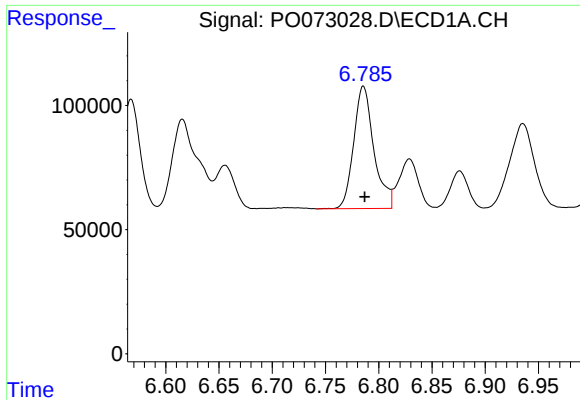
#22 AR-1248-2

R.T.: 6.567 min
Delta R.T.: -0.001 min
Response: 542228
Conc: 412.43 ng/ml



#22 AR-1248-2

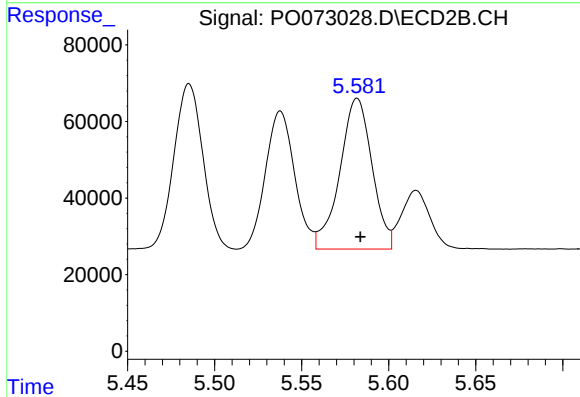
R.T.: 5.538 min
Delta R.T.: -0.001 min
Response: 421864
Conc: 335.41 ng/ml



#23 AR-1248-3

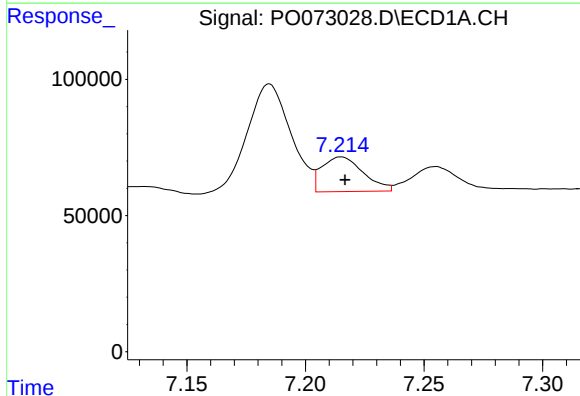
R.T.: 6.786 min
Delta R.T.: -0.001 min
Response: 650786
Conc: 439.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



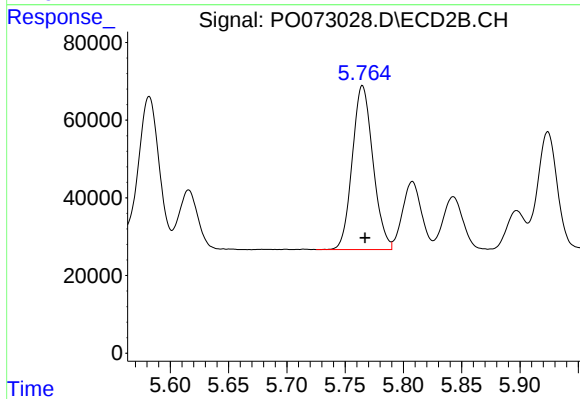
#23 AR-1248-3

R.T.: 5.582 min
Delta R.T.: -0.002 min
Response: 507436
Conc: 392.37 ng/ml



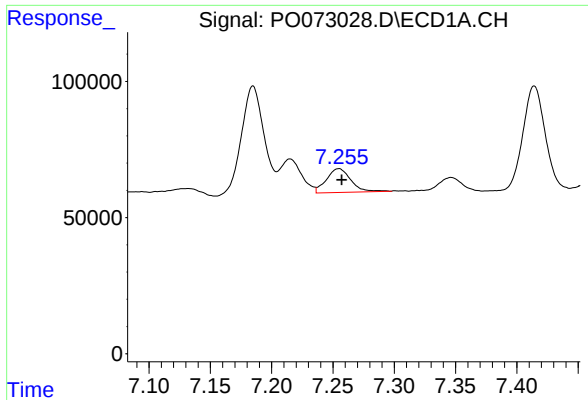
#24 AR-1248-4

R.T.: 7.215 min
Delta R.T.: -0.002 min
Response: 155057
Conc: 85.86 ng/ml



#24 AR-1248-4

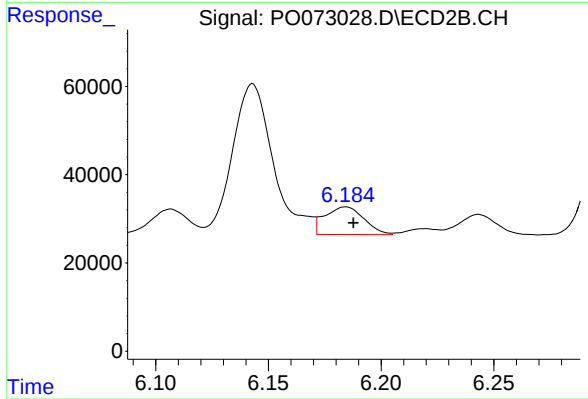
R.T.: 5.765 min
Delta R.T.: -0.002 min
Response: 521493
Conc: 335.65 ng/ml



#25 AR-1248-5

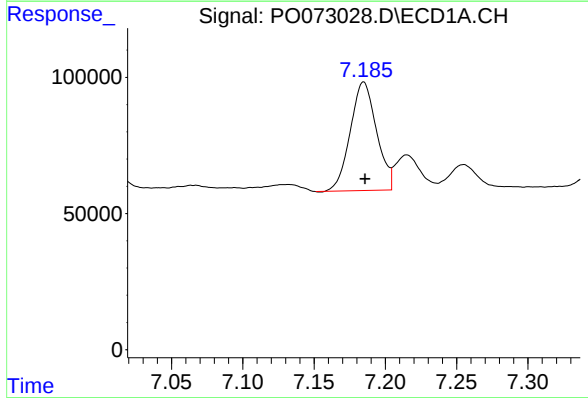
R.T.: 7.255 min
Delta R.T.: -0.002 min
Response: 121327
Conc: 70.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



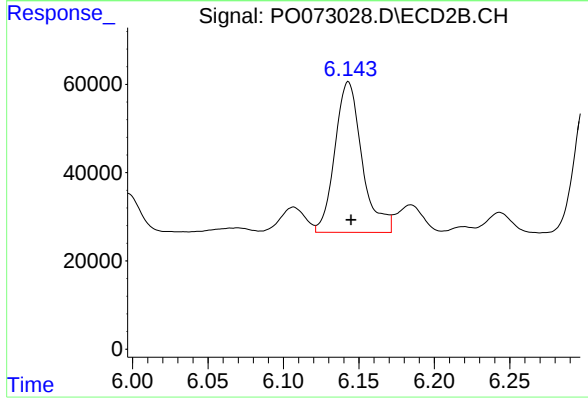
#25 AR-1248-5

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 76058
Conc: 49.40 ng/ml



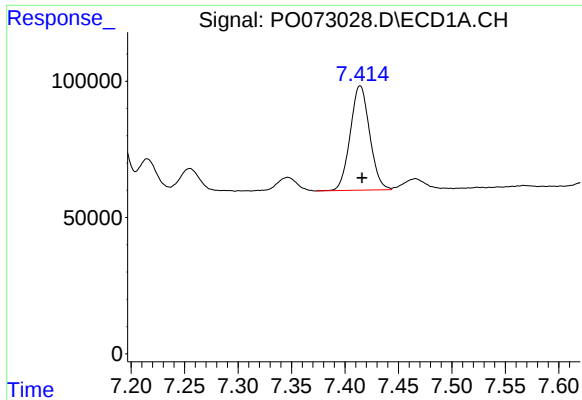
#26 AR-1254-1

R.T.: 7.185 min
Delta R.T.: -0.001 min
Response: 511108
Conc: 294.92 ng/ml



#26 AR-1254-1

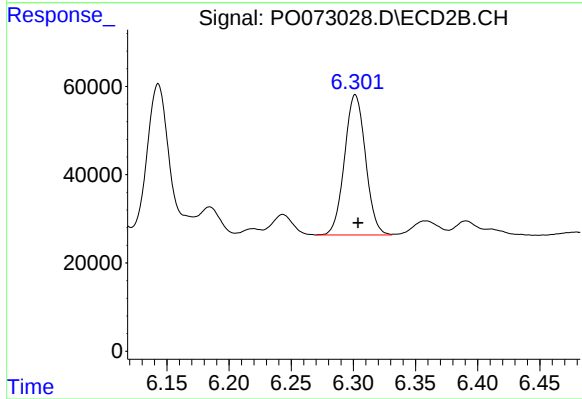
R.T.: 6.143 min
Delta R.T.: -0.002 min
Response: 428311
Conc: 190.29 ng/ml



#27 AR-1254-2

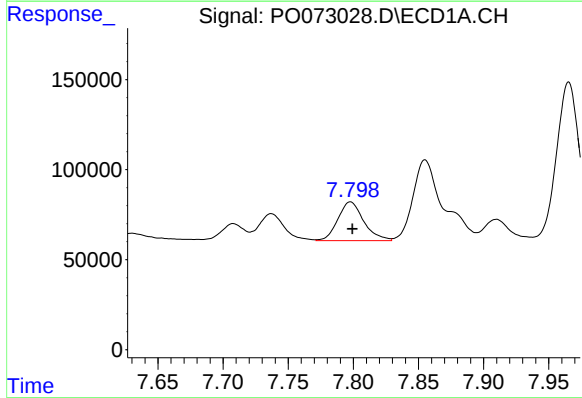
R.T.: 7.414 min
Delta R.T.: -0.002 min
Response: 484353
Conc: 181.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



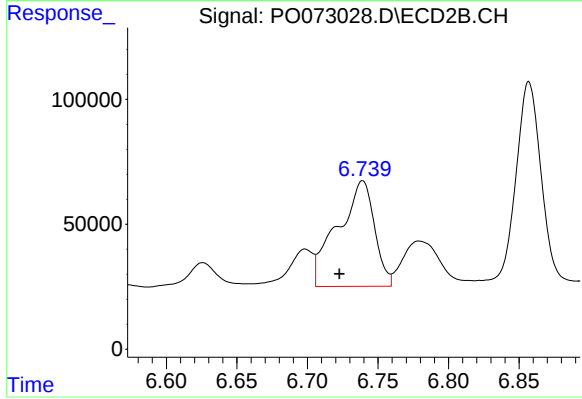
#27 AR-1254-2

R.T.: 6.302 min
Delta R.T.: -0.002 min
Response: 373860
Conc: 186.14 ng/ml



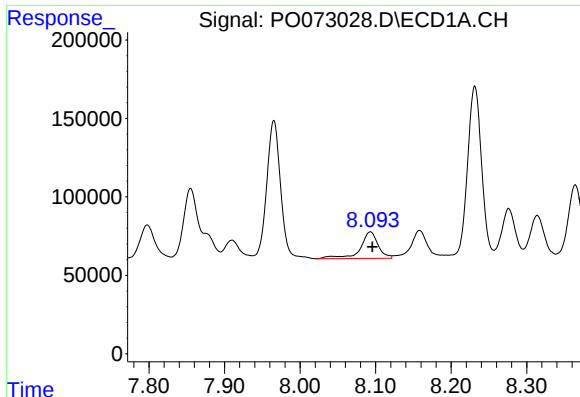
#28 AR-1254-3

R.T.: 7.798 min
Delta R.T.: -0.001 min
Response: 297253
Conc: 109.99 ng/ml



#28 AR-1254-3

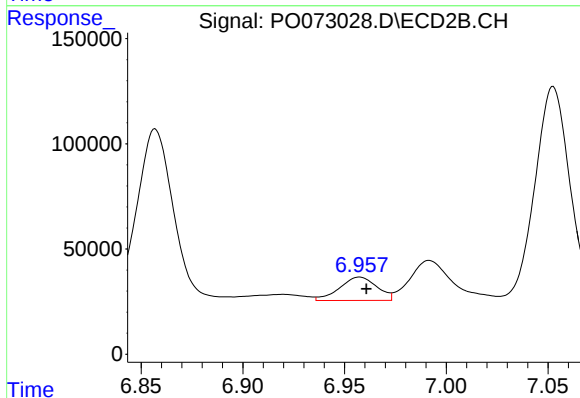
R.T.: 6.739 min
Delta R.T.: 0.016 min
Response: 767668
Conc: 241.62 ng/ml



#29 AR-1254-4

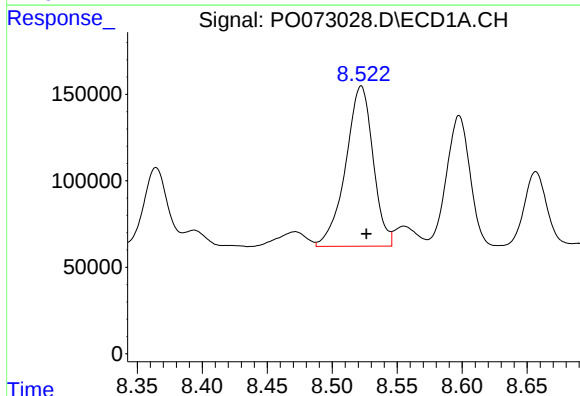
R.T.: 8.093 min
Delta R.T.: -0.003 min
Response: 276490
Conc: 126.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



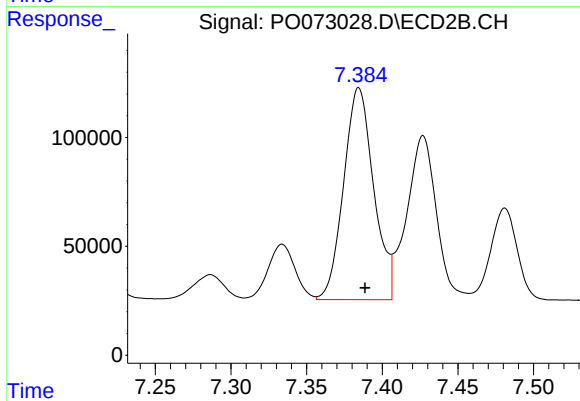
#29 AR-1254-4

R.T.: 6.957 min
Delta R.T.: -0.003 min
Response: 140949
Conc: 64.81 ng/ml



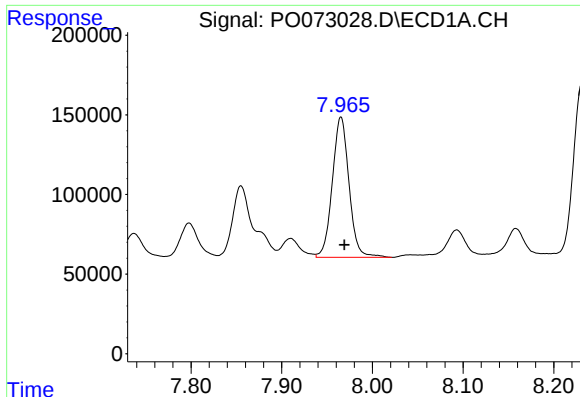
#30 AR-1254-5

R.T.: 8.522 min
Delta R.T.: -0.004 min
Response: 1359719
Conc: 629.09 ng/ml



#30 AR-1254-5

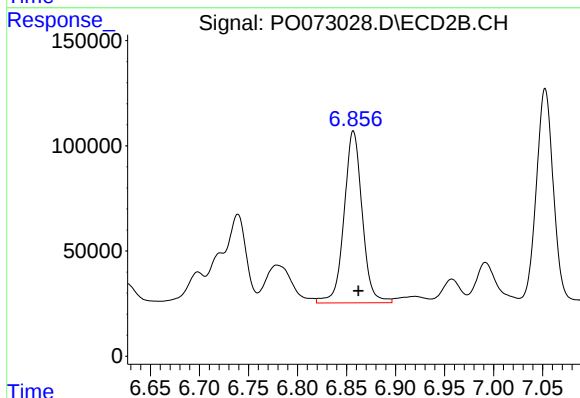
R.T.: 7.385 min
Delta R.T.: -0.004 min
Response: 1344359
Conc: 483.01 ng/ml



#31 AR-1260-1

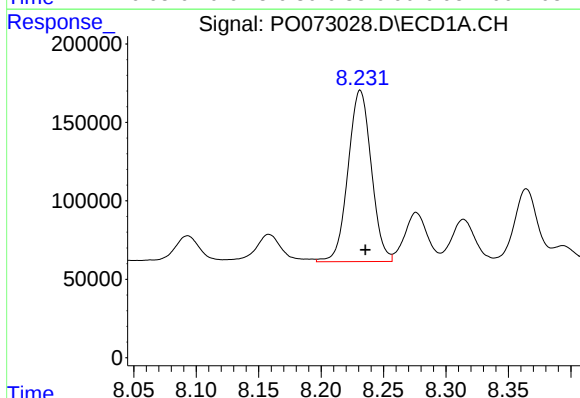
R.T.: 7.965 min
Delta R.T.: -0.004 min
Response: 1125675
Conc: 605.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



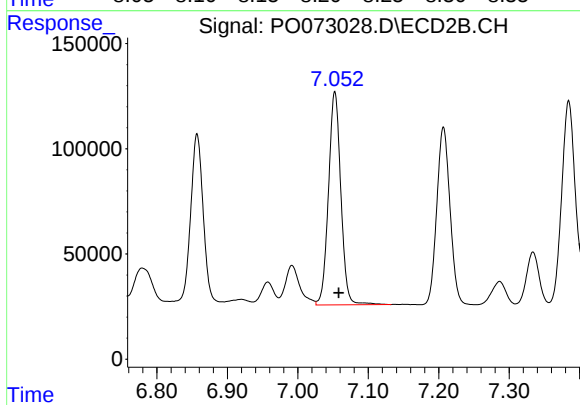
#31 AR-1260-1

R.T.: 6.857 min
Delta R.T.: -0.005 min
Response: 1052205
Conc: 529.14 ng/ml



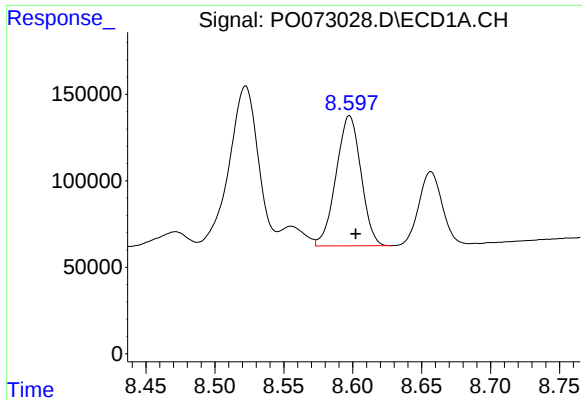
#32 AR-1260-2

R.T.: 8.231 min
Delta R.T.: -0.004 min
Response: 1417520
Conc: 623.67 ng/ml



#32 AR-1260-2

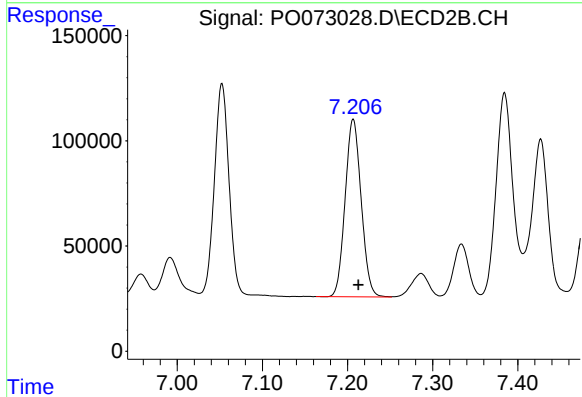
R.T.: 7.053 min
Delta R.T.: -0.005 min
Response: 1236299
Conc: 493.41 ng/ml



#33 AR-1260-3

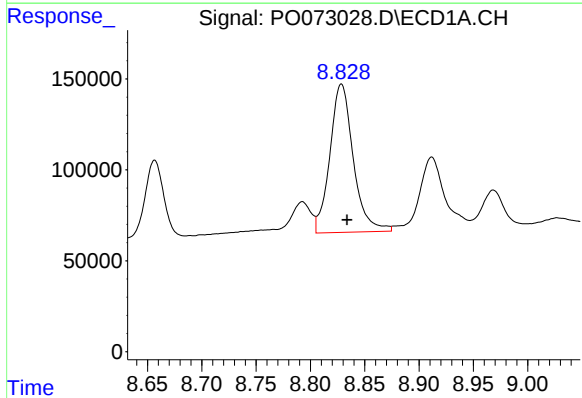
R.T.: 8.598 min
Delta R.T.: -0.004 min
Response: 944179
Conc: 550.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



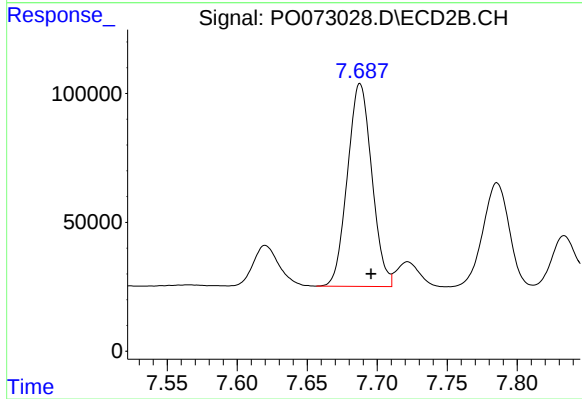
#33 AR-1260-3

R.T.: 7.207 min
Delta R.T.: -0.006 min
Response: 1102880
Conc: 500.36 ng/ml



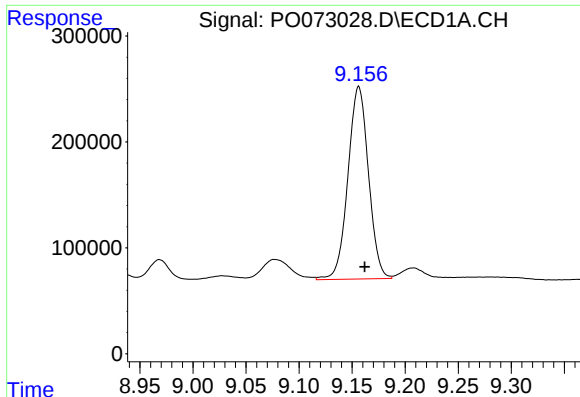
#34 AR-1260-4

R.T.: 8.829 min
Delta R.T.: -0.005 min
Response: 1222823
Conc: 612.15 ng/ml



#34 AR-1260-4

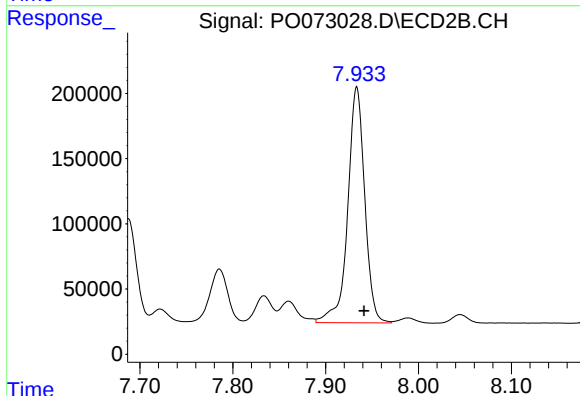
R.T.: 7.688 min
Delta R.T.: -0.008 min
Response: 954582
Conc: 518.67 ng/ml



#35 AR-1260-5

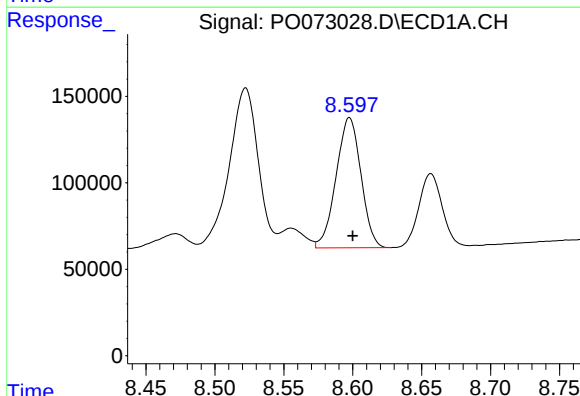
R.T.: 9.156 min
Delta R.T.: -0.005 min
Response: 2451345
Conc: 604.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



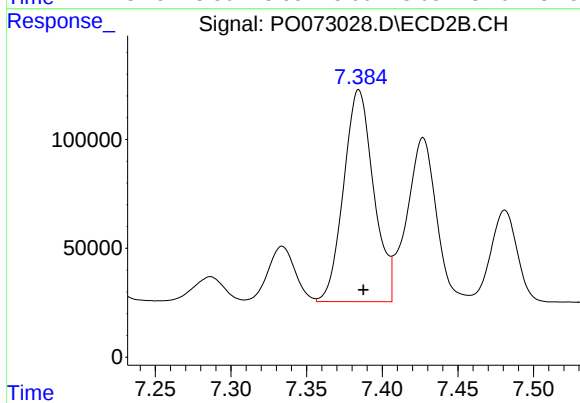
#35 AR-1260-5

R.T.: 7.934 min
Delta R.T.: -0.008 min
Response: 2296842
Conc: 522.59 ng/ml



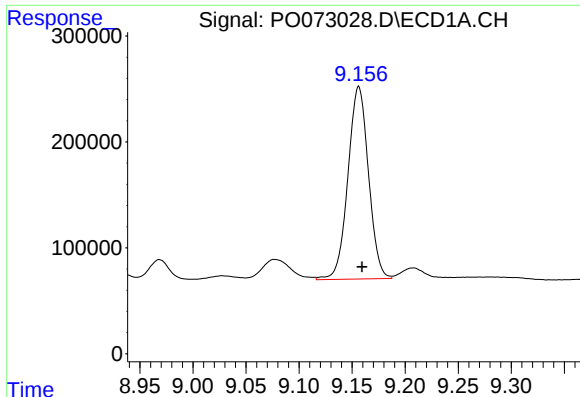
#36 AR-1262-1

R.T.: 8.598 min
Delta R.T.: -0.002 min
Response: 944179
Conc: 394.77 ng/ml



#36 AR-1262-1

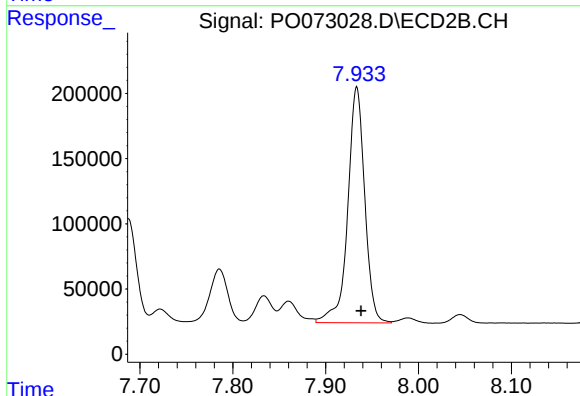
R.T.: 7.385 min
Delta R.T.: -0.003 min
Response: 1344359
Conc: 969.57 ng/ml



#37 AR-1262-2

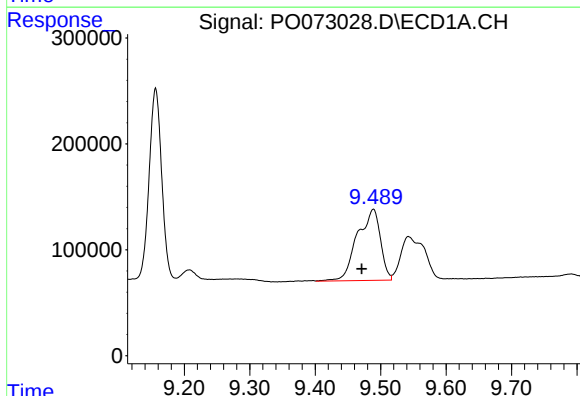
R.T.: 9.156 min
Delta R.T.: -0.003 min
Response: 2451345
Conc: 554.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



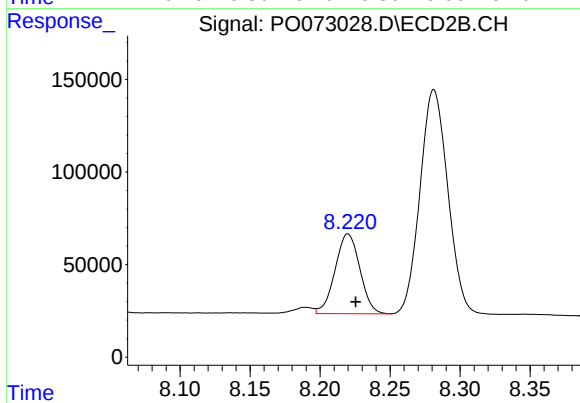
#37 AR-1262-2

R.T.: 7.934 min
Delta R.T.: -0.005 min
Response: 2296842
Conc: 503.48 ng/ml



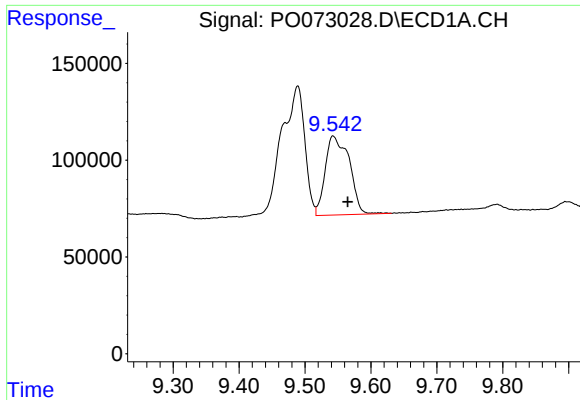
#38 AR-1262-3

R.T.: 9.489 min
Delta R.T.: 0.018 min
Response: 1653669
Conc: 514.05 ng/ml



#38 AR-1262-3

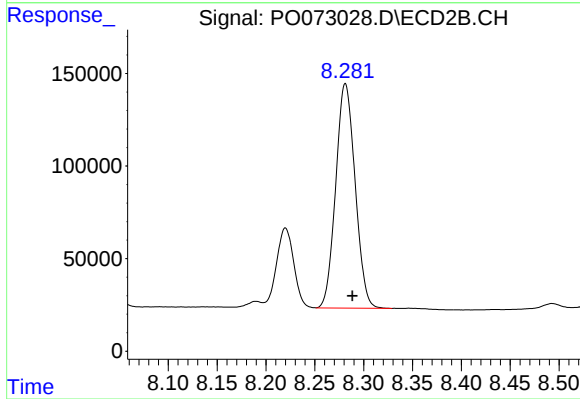
R.T.: 8.220 min
Delta R.T.: -0.005 min
Response: 531997
Conc: 290.73 ng/ml



#39 AR-1262-4

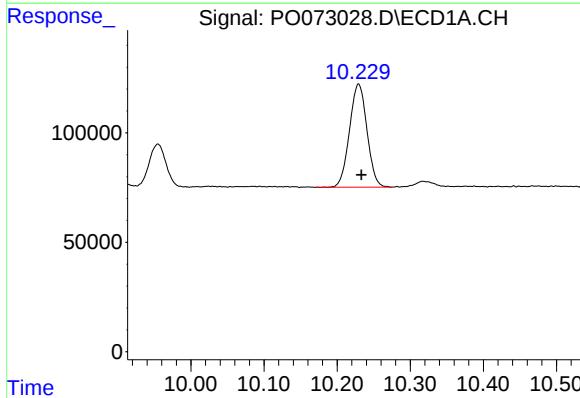
R.T.: 9.543 min
Delta R.T.: -0.022 min
Response: 1032961
Conc: 430.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



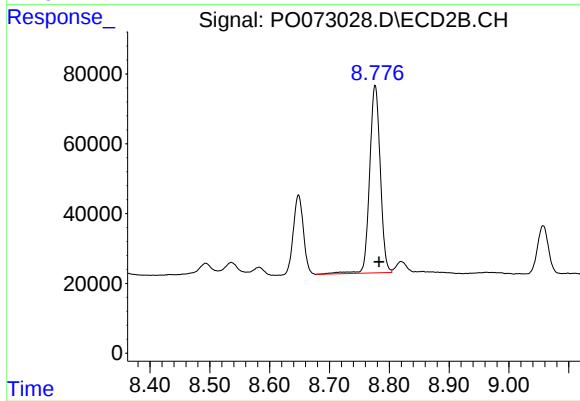
#39 AR-1262-4

R.T.: 8.281 min
Delta R.T.: -0.007 min
Response: 1676500
Conc: 503.59 ng/ml



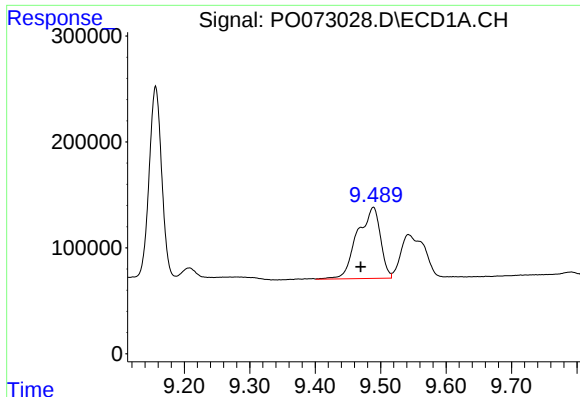
#40 AR-1262-5

R.T.: 10.229 min
Delta R.T.: -0.004 min
Response: 782321
Conc: 465.91 ng/ml



#40 AR-1262-5

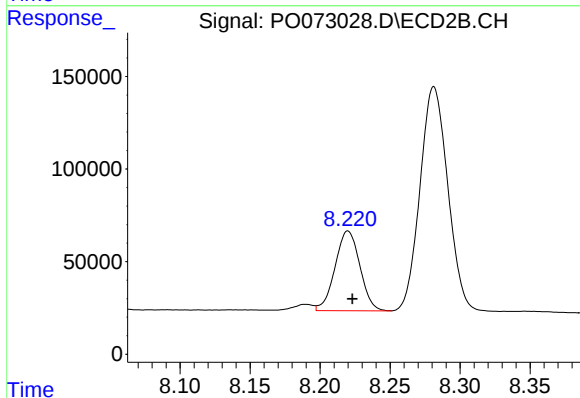
R.T.: 8.776 min
Delta R.T.: -0.006 min
Response: 666062
Conc: 406.75 ng/ml



#41 AR-1268-1

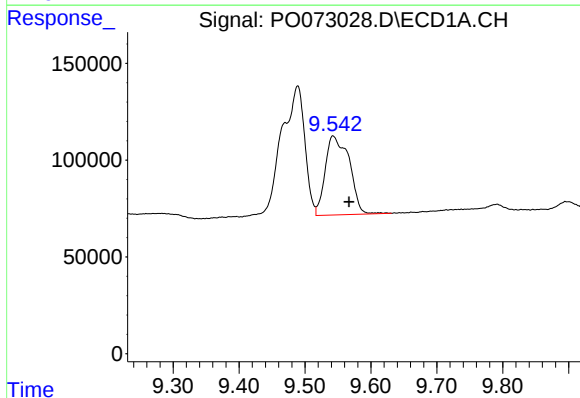
R.T.: 9.489 min
Delta R.T.: 0.019 min
Response: 1653669
Conc: 224.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



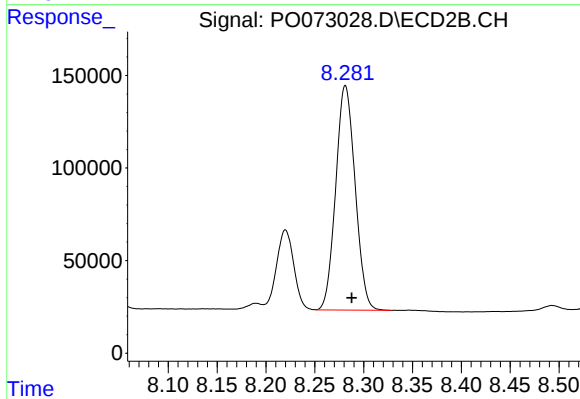
#41 AR-1268-1

R.T.: 8.220 min
Delta R.T.: -0.003 min
Response: 531997
Conc: 89.22 ng/ml



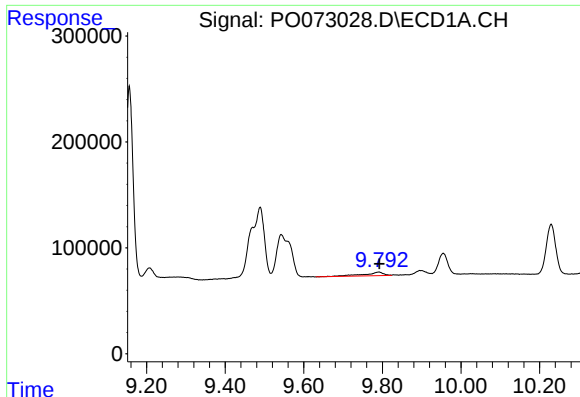
#42 AR-1268-2

R.T.: 9.543 min
Delta R.T.: -0.024 min
Response: 1032961
Conc: 156.66 ng/ml



#42 AR-1268-2

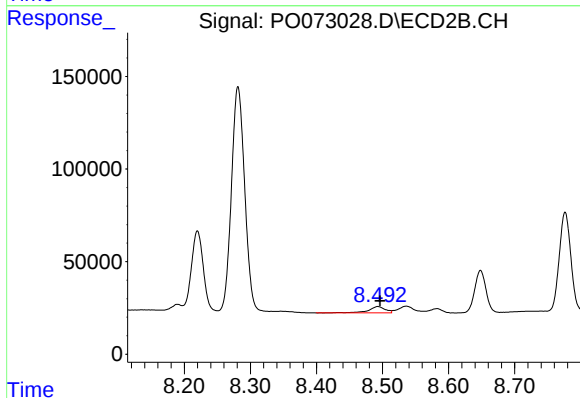
R.T.: 8.281 min
Delta R.T.: -0.007 min
Response: 1676500
Conc: 308.69 ng/ml



#43 AR-1268-3

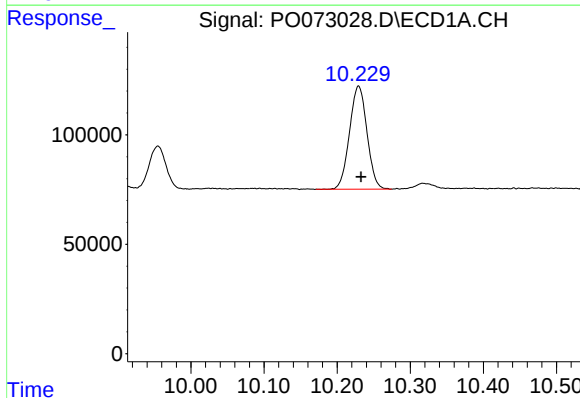
R.T.: 9.791 min
Delta R.T.: -0.001 min
Response: 122086
Conc: 21.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



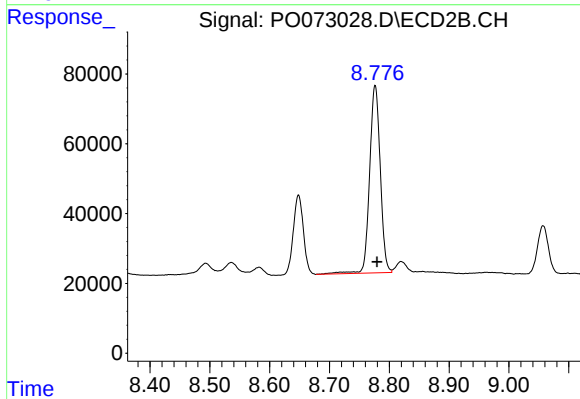
#43 AR-1268-3

R.T.: 8.493 min
Delta R.T.: -0.003 min
Response: 60384
Conc: 12.39 ng/ml



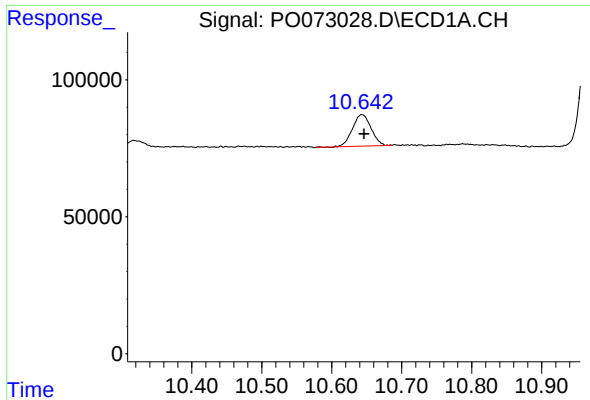
#44 AR-1268-4

R.T.: 10.229 min
Delta R.T.: -0.003 min
Response: 782321
Conc: 335.47 ng/ml



#44 AR-1268-4

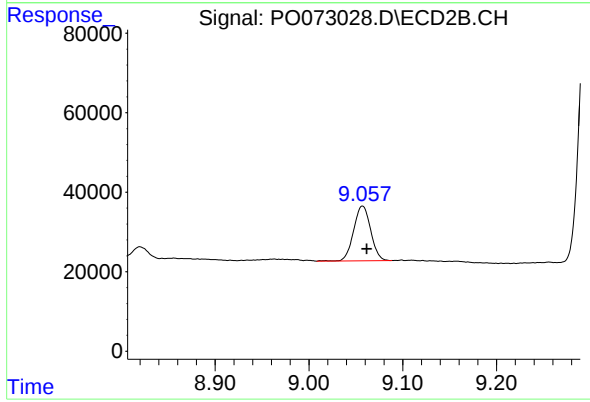
R.T.: 8.776 min
Delta R.T.: -0.003 min
Response: 666062
Conc: 305.05 ng/ml



#45 AR-1268-5

R.T.: 10.643 min
Delta R.T.: -0.003 min
Response: 212431
Conc: 12.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.057 min
Delta R.T.: -0.004 min
Response: 174040
Conc: 12.08 ng/ml