

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092821\
 Data File : P0081621.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Sep 2021 14:58
 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: Sep 28 15:18:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0092321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 24 02:21:54 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...	4.870	3.985	4351280	1244067	48.795	46.696
2)	SA Decachlor...	10.881	9.332	3413049	1077723	45.820	46.408
Target Compounds							
3)	L1 AR-1016-1	6.197	5.254	1631549	429055	503.930	476.240
4)	L1 AR-1016-2	6.221	5.273	2328734	646585	502.391	473.487
5)	L1 AR-1016-3	6.287	5.467	1438815	342482	502.558	483.064
6)	L1 AR-1016-4	6.394	5.519	1188580	297325	516.719	480.002
7)	L1 AR-1016-5	6.710	5.751	1208239	318322	530.931	450.871
8)	L2 AR-1221-1	5.117	4.244	175567	38808	160.439	134.914
9)	L2 AR-1221-2	5.222	4.346	220496	62977	279.655	261.953
10)	L2 AR-1221-3	5.309	4.436	855195	247499	339.902	318.972
11)	L3 AR-1232-1	5.309	4.436	855195	247499	438.783	412.778
12)	L3 AR-1232-2	5.900	5.273	1243660	646585	1169.116	1021.786
13)	L3 AR-1232-3	6.221	5.467	2328734	342482	1155.217	1078.582
14)	L3 AR-1232-4	6.394	5.564	1188580	344944	1163.157	1147.907
15)	L3 AR-1232-5	6.493	5.751	962073	318322	1304.802	1001.388
16)	L4 AR-1242-1	6.197	5.254	1631549	429055	638.885	584.865
17)	L4 AR-1242-2	6.221	5.273	2328734	646585	648.508	587.255
18)	L4 AR-1242-3	6.287	5.467	1438815	342482	630.512	610.921
19)	L4 AR-1242-4	6.394	5.564	1188580	344944	654.491	600.736
20)	L4 AR-1242-5	7.179	6.133	214607	288341	108.825	385.858 #
21)	L5 AR-1248-1	6.197	5.254	1631549	429055	810.555	716.924
22)	L5 AR-1248-2	6.493	5.519	962073	297325	364.763	335.060
23)	L5 AR-1248-3	6.710	5.564	1208239	344944	386.038	394.549
24)	L5 AR-1248-4	7.140	5.751	270046	318322	78.406	313.292 #
25)	L5 AR-1248-5	7.179	6.176	214607	46057	63.478	47.723
26)	L6 AR-1254-1	7.109	6.133	993353	288341	277.049	188.304 #
27)	L6 AR-1254-2	7.339	6.293	965819	260898	175.161	191.760
28)	L6 AR-1254-3	7.722	6.734	695779	470761	123.310	236.662 #
29)	L6 AR-1254-4	8.017	6.959	560727	52239	136.361	41.837 #
30)	L6 AR-1254-5	8.448	7.391	2934095	863420	636.549	461.865 #
31)	L7 AR-1260-1	7.889	6.855	2386099	659040	564.458	472.088
32)	L7 AR-1260-2	8.156	7.054	2675895	784804	515.543	480.199
33)	L7 AR-1260-3	8.521	7.210	1639340	733263	505.933	440.956
34)	L7 AR-1260-4	8.752	7.696	1890226	540131	474.211	485.970
35)	L7 AR-1260-5	9.077	7.947	3490429	1186784	471.161	480.556
36)	L8 AR-1262-1	8.521	7.391	1639340	863420	316.269	867.452 #
37)	L8 AR-1262-2	9.077	7.947	3490429	1186784	391.348	387.375
38)	L8 AR-1262-3	9.406f	8.234	2316447	271863	577.426	203.135 #
39)	L8 AR-1262-4	9.457f	8.298	1424970	890137	582.994	378.290 #
40)	L8 AR-1262-5	10.139	8.801	901530	301451	264.575	265.094
41)	L9 AR-1268-1	9.406f	8.234	2316447	271863	215.782	70.892 #

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 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

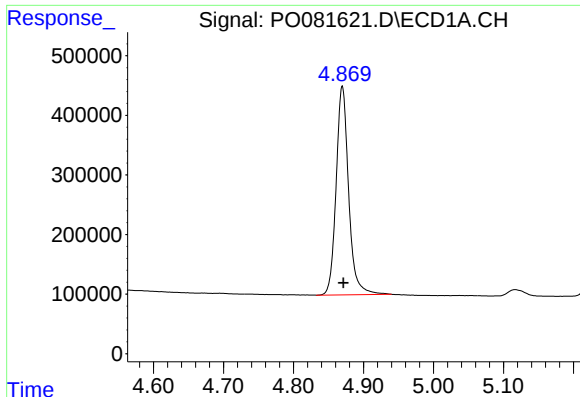
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 28 15:18:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0092321.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	9.457f	8.298	1424970	890137	141.011	255.620 #
43) L9	AR-1268-3	9.702	8.506	63552	20733	7.418	6.603
44) L9	AR-1268-4	10.139	8.801	901530	301451	234.791	233.778
45) L9	AR-1268-5	10.549	9.084	309722	99119	10.980	11.026

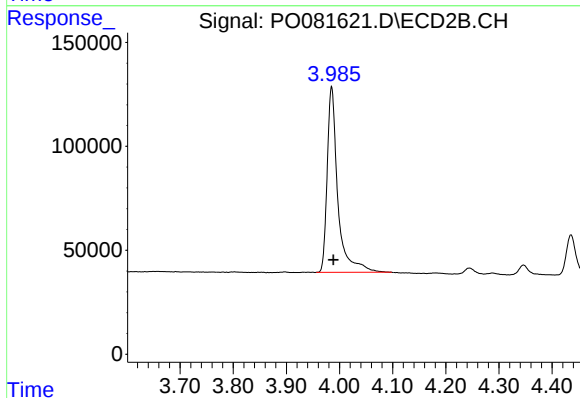
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

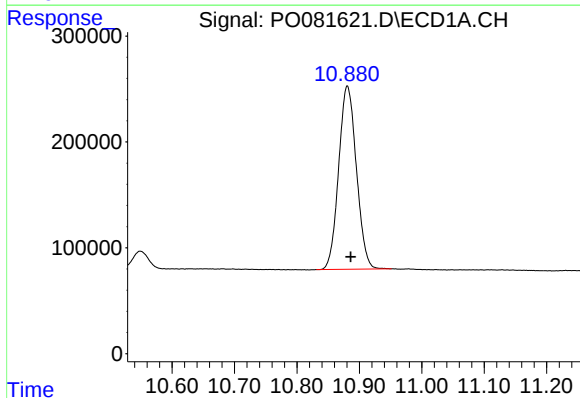
R.T.: 4.870 min
Delta R.T.: -0.001 min
Response: 4351280
Conc: 48.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



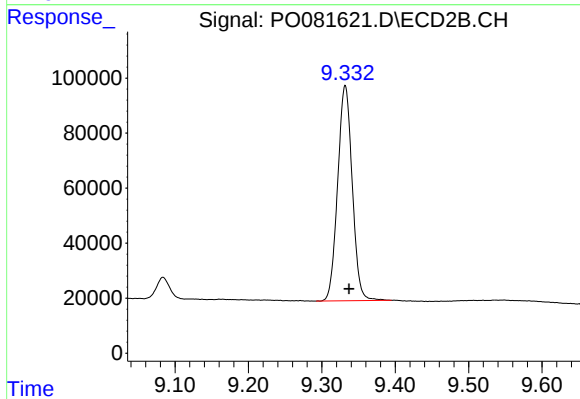
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: -0.003 min
Response: 1244067
Conc: 46.70 ng/ml



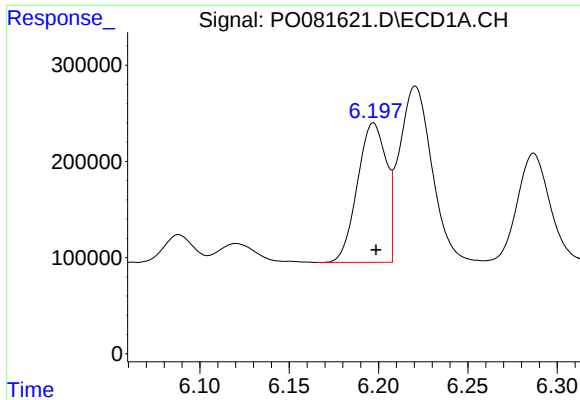
#2 Decachlorobiphenyl

R.T.: 10.881 min
Delta R.T.: -0.005 min
Response: 3413049
Conc: 45.82 ng/ml



#2 Decachlorobiphenyl

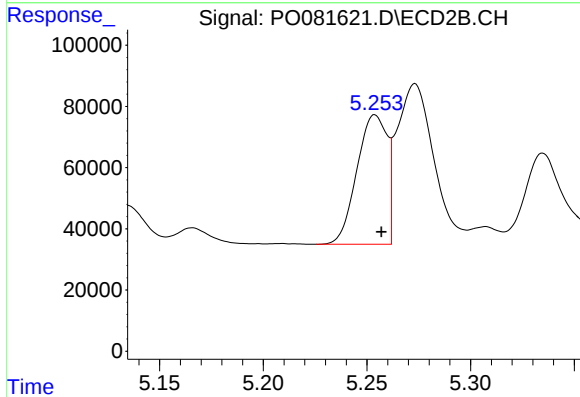
R.T.: 9.332 min
Delta R.T.: -0.005 min
Response: 1077723
Conc: 46.41 ng/ml



#3 AR-1016-1

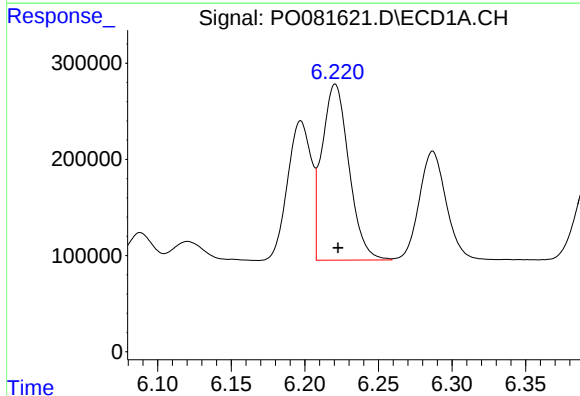
R.T.: 6.197 min
Delta R.T.: -0.001 min
Response: 1631549
Conc: 503.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



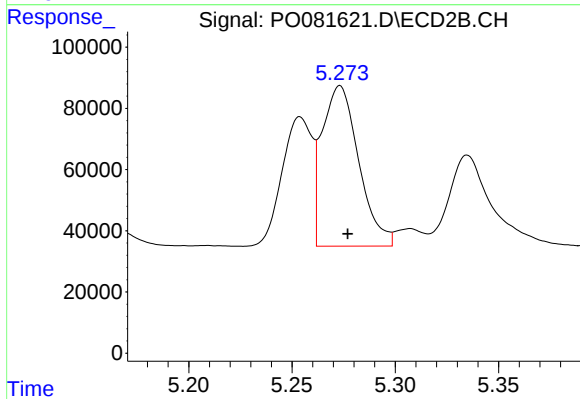
#3 AR-1016-1

R.T.: 5.254 min
Delta R.T.: -0.003 min
Response: 429055
Conc: 476.24 ng/ml



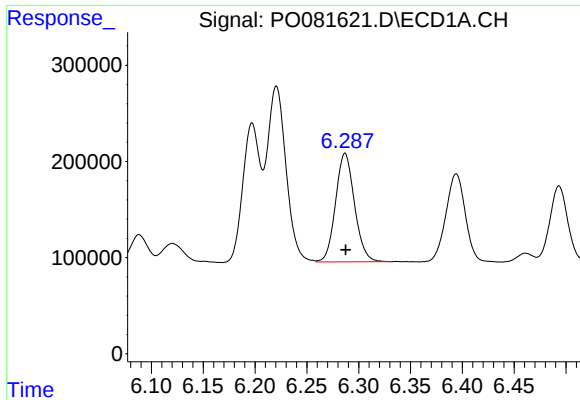
#4 AR-1016-2

R.T.: 6.221 min
Delta R.T.: -0.002 min
Response: 2328734
Conc: 502.39 ng/ml



#4 AR-1016-2

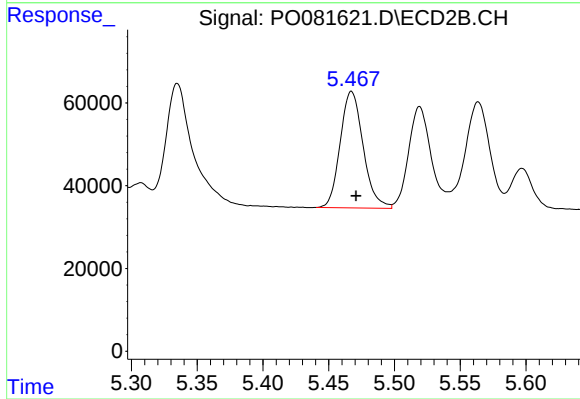
R.T.: 5.273 min
Delta R.T.: -0.004 min
Response: 646585
Conc: 473.49 ng/ml



#5 AR-1016-3

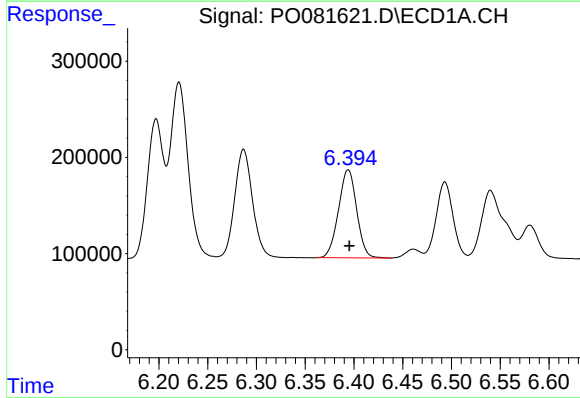
R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 1438815
Conc: 502.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



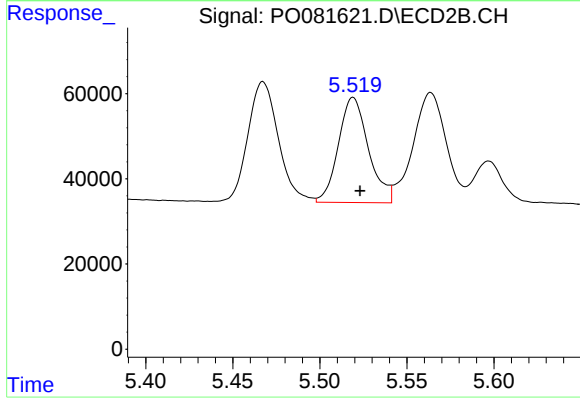
#5 AR-1016-3

R.T.: 5.467 min
Delta R.T.: -0.004 min
Response: 342482
Conc: 483.06 ng/ml



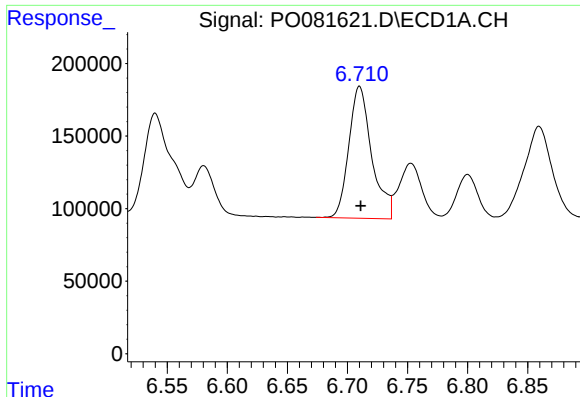
#6 AR-1016-4

R.T.: 6.394 min
Delta R.T.: -0.001 min
Response: 1188580
Conc: 516.72 ng/ml



#6 AR-1016-4

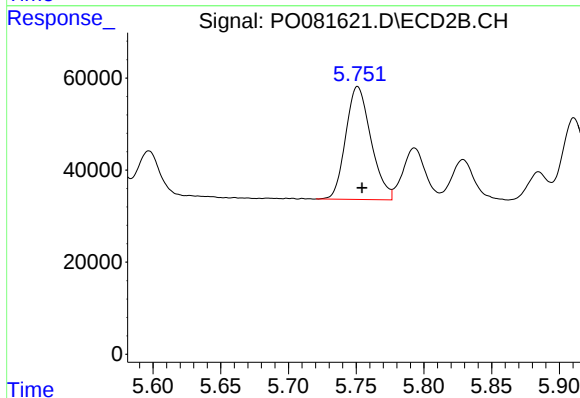
R.T.: 5.519 min
Delta R.T.: -0.004 min
Response: 297325
Conc: 480.00 ng/ml



#7 AR-1016-5

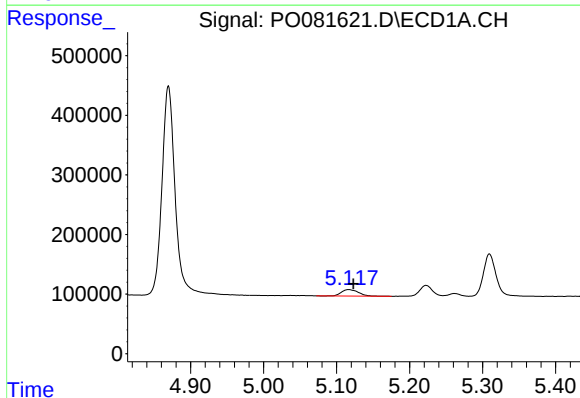
R.T.: 6.710 min
Delta R.T.: -0.001 min
Response: 1208239
Conc: 530.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



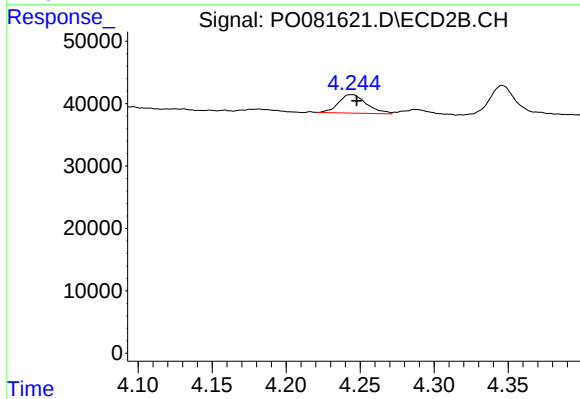
#7 AR-1016-5

R.T.: 5.751 min
Delta R.T.: -0.003 min
Response: 318322
Conc: 450.87 ng/ml



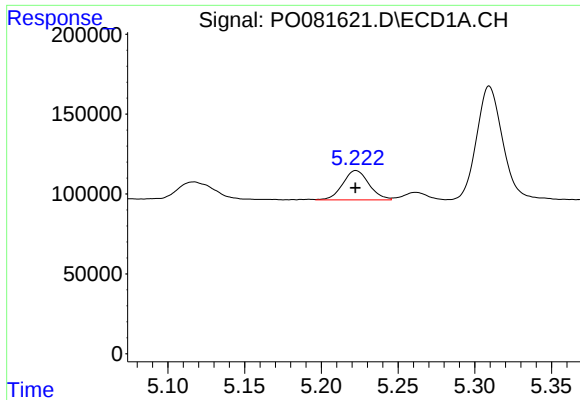
#8 AR-1221-1

R.T.: 5.117 min
Delta R.T.: -0.006 min
Response: 175567
Conc: 160.44 ng/ml



#8 AR-1221-1

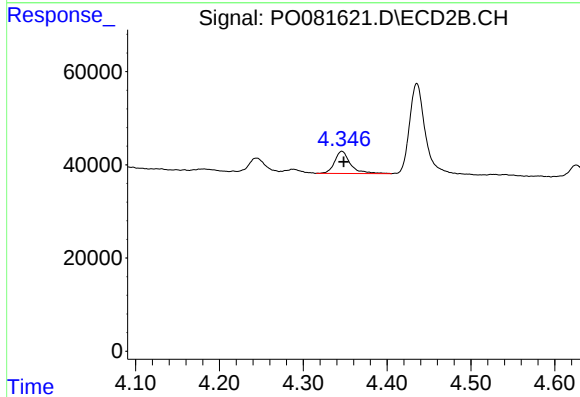
R.T.: 4.244 min
Delta R.T.: -0.003 min
Response: 38808
Conc: 134.91 ng/ml



#9 AR-1221-2

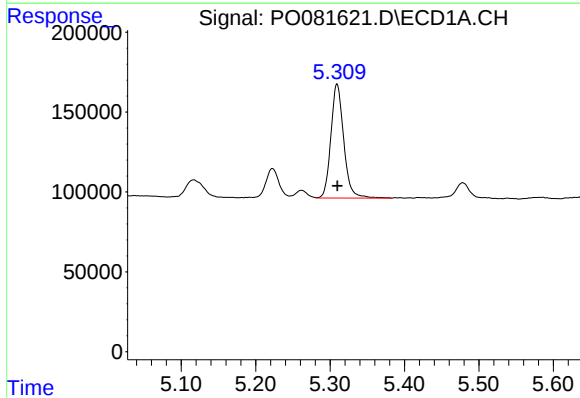
R.T.: 5.222 min
Delta R.T.: 0.000 min
Response: 220496
Conc: 279.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



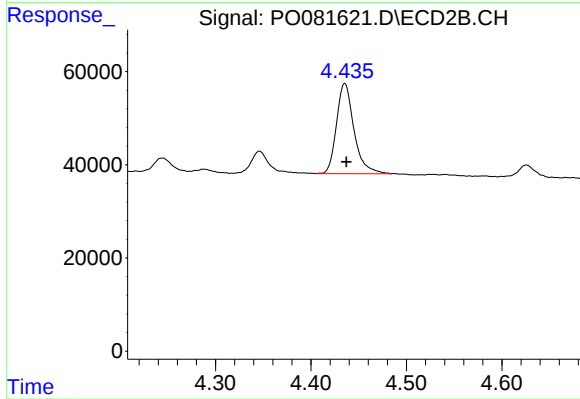
#9 AR-1221-2

R.T.: 4.346 min
Delta R.T.: -0.002 min
Response: 62977
Conc: 261.95 ng/ml



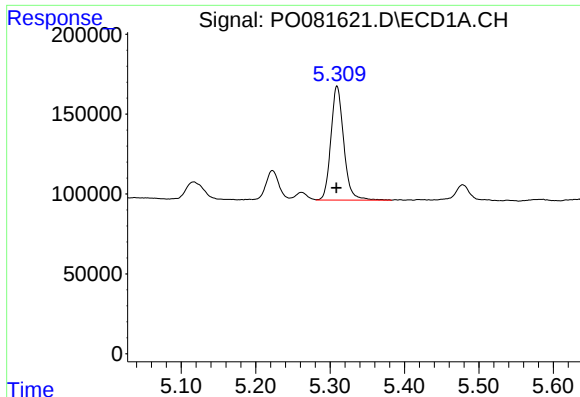
#10 AR-1221-3

R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 855195
Conc: 339.90 ng/ml



#10 AR-1221-3

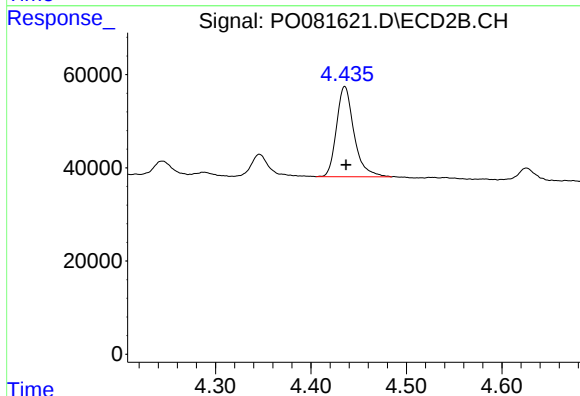
R.T.: 4.436 min
Delta R.T.: -0.002 min
Response: 247499
Conc: 318.97 ng/ml



#11 AR-1232-1

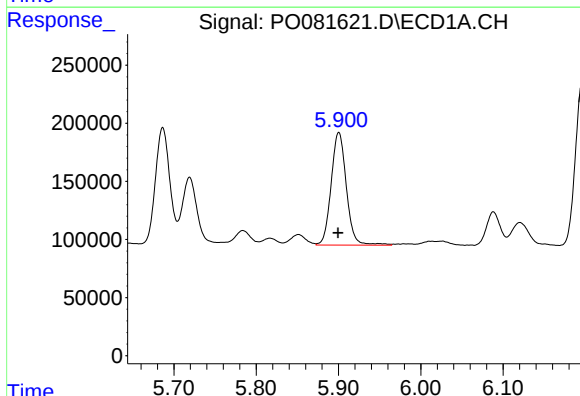
R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 855195
Conc: 438.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



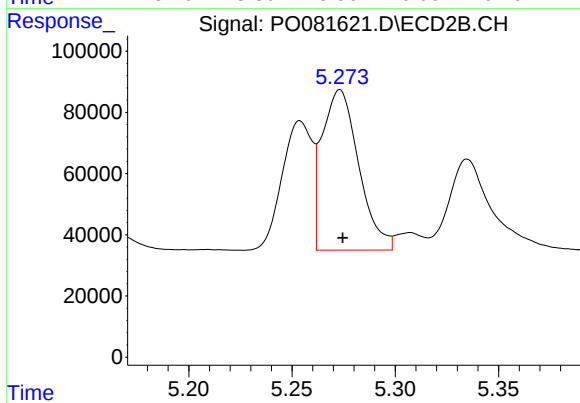
#11 AR-1232-1

R.T.: 4.436 min
Delta R.T.: -0.001 min
Response: 247499
Conc: 412.78 ng/ml



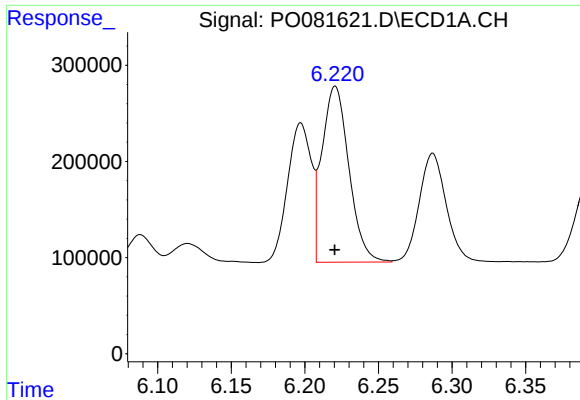
#12 AR-1232-2

R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 1243660
Conc: 1169.12 ng/ml



#12 AR-1232-2

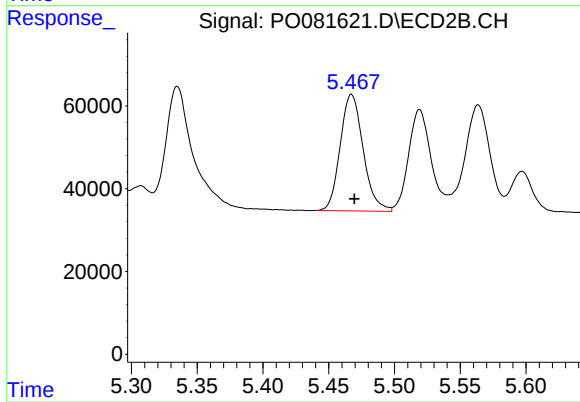
R.T.: 5.273 min
Delta R.T.: -0.001 min
Response: 646585
Conc: 1021.79 ng/ml



#13 AR-1232-3

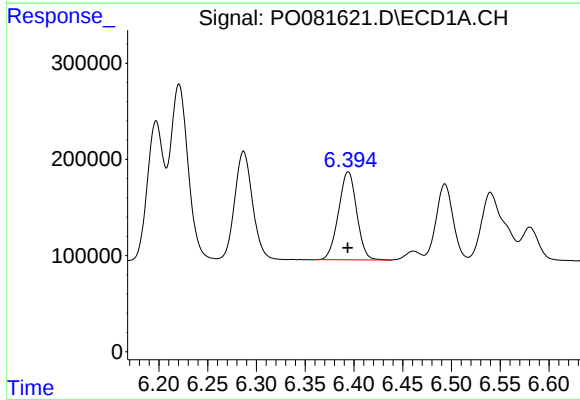
R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 2328734
Conc: 1155.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



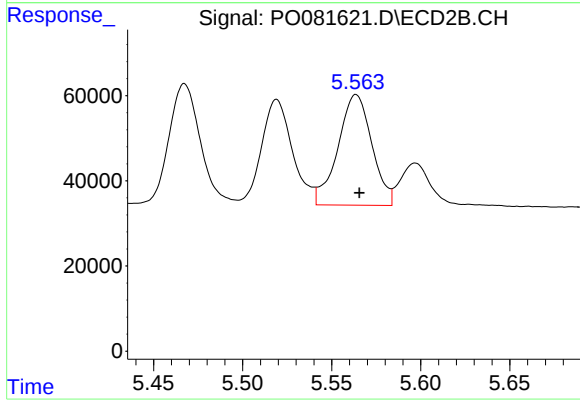
#13 AR-1232-3

R.T.: 5.467 min
Delta R.T.: -0.002 min
Response: 342482
Conc: 1078.58 ng/ml



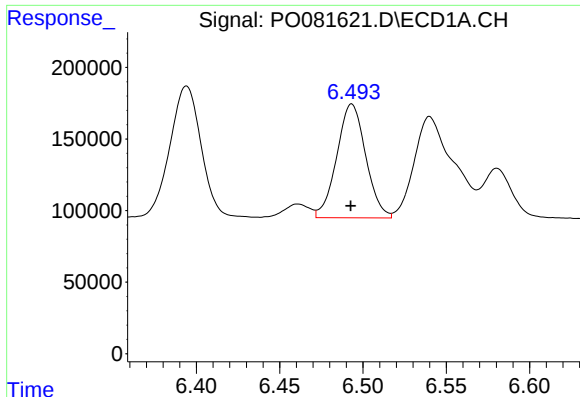
#14 AR-1232-4

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 1188580
Conc: 1163.16 ng/ml



#14 AR-1232-4

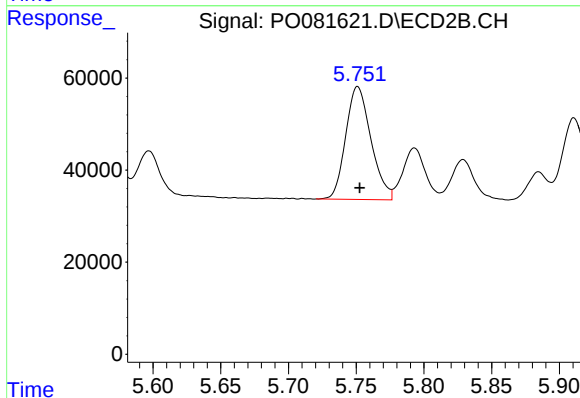
R.T.: 5.564 min
Delta R.T.: -0.002 min
Response: 344944
Conc: 1147.91 ng/ml



#15 AR-1232-5

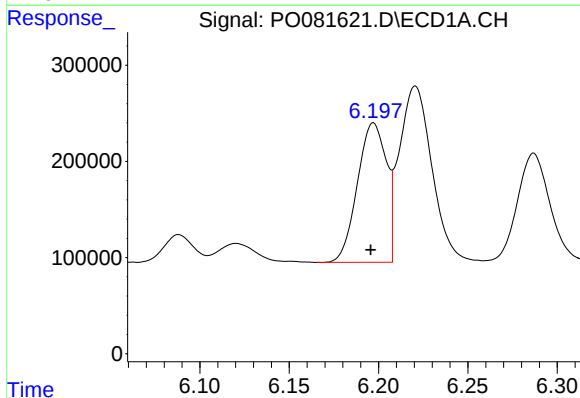
R.T.: 6.493 min
Delta R.T.: 0.000 min
Response: 962073
Conc: 1304.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



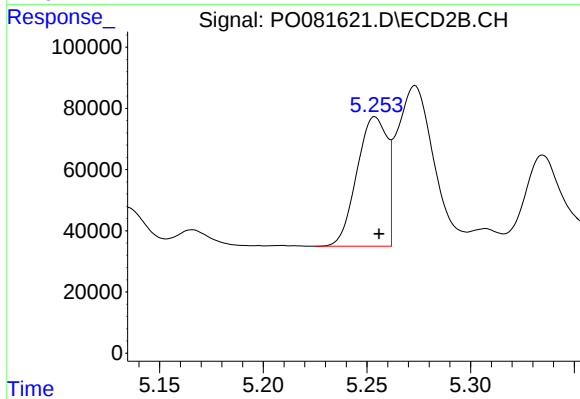
#15 AR-1232-5

R.T.: 5.751 min
Delta R.T.: -0.002 min
Response: 318322
Conc: 1001.39 ng/ml



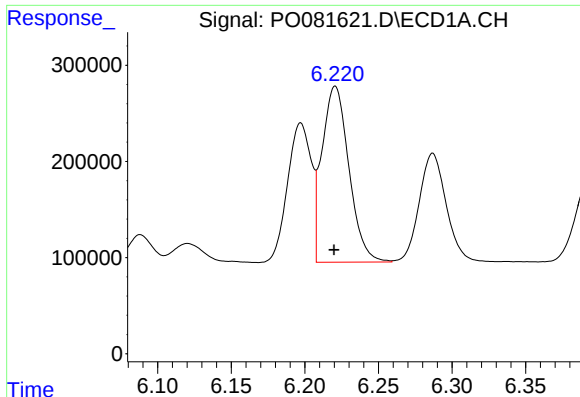
#16 AR-1242-1

R.T.: 6.197 min
Delta R.T.: 0.002 min
Response: 1631549
Conc: 638.88 ng/ml



#16 AR-1242-1

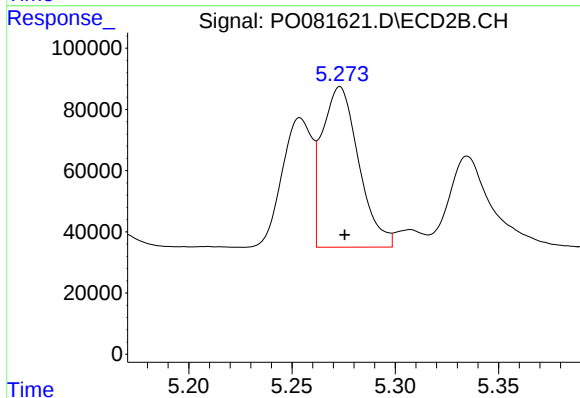
R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 429055
Conc: 584.87 ng/ml



#17 AR-1242-2

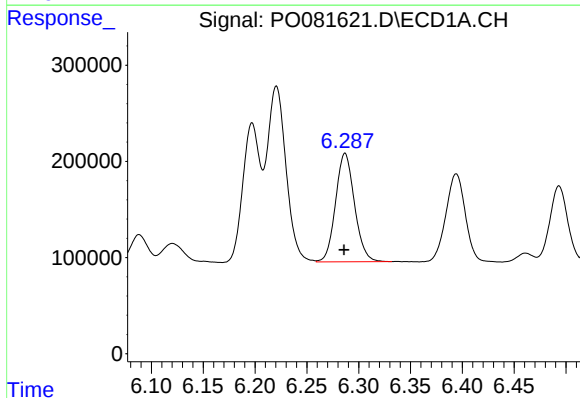
R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 2328734
Conc: 648.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



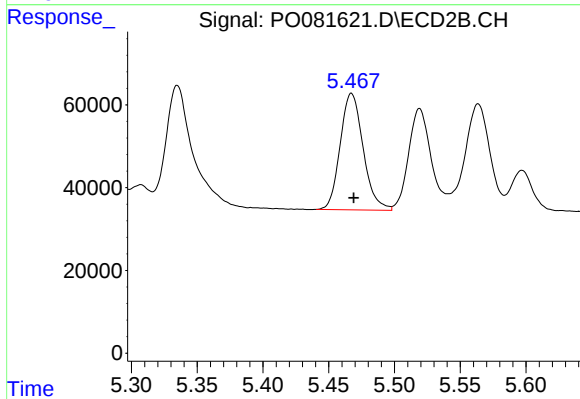
#17 AR-1242-2

R.T.: 5.273 min
Delta R.T.: -0.002 min
Response: 646585
Conc: 587.25 ng/ml



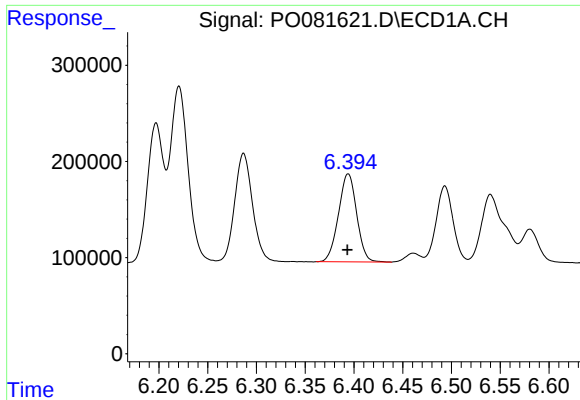
#18 AR-1242-3

R.T.: 6.287 min
Delta R.T.: 0.001 min
Response: 1438815
Conc: 630.51 ng/ml



#18 AR-1242-3

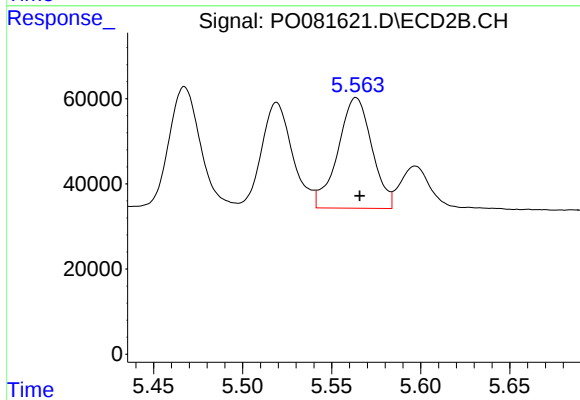
R.T.: 5.467 min
Delta R.T.: -0.002 min
Response: 342482
Conc: 610.92 ng/ml



#19 AR-1242-4

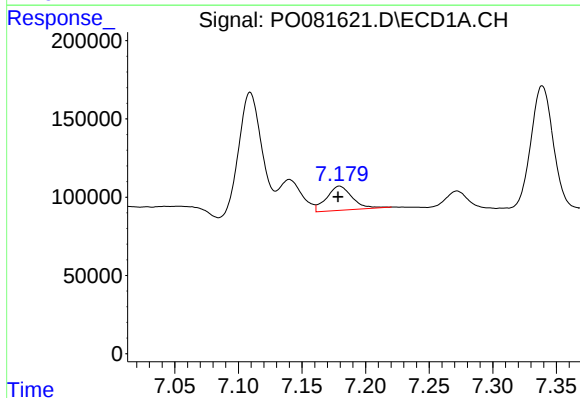
R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 1188580
Conc: 654.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



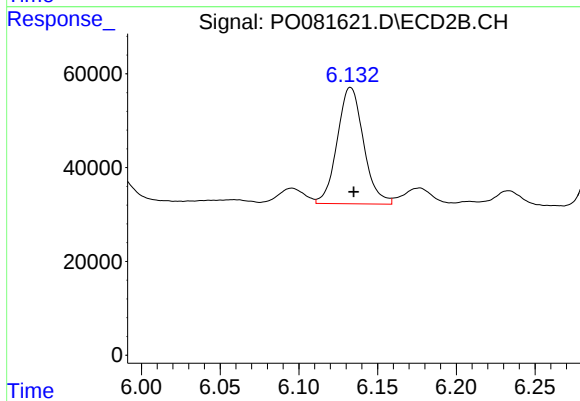
#19 AR-1242-4

R.T.: 5.564 min
Delta R.T.: -0.002 min
Response: 344944
Conc: 600.74 ng/ml



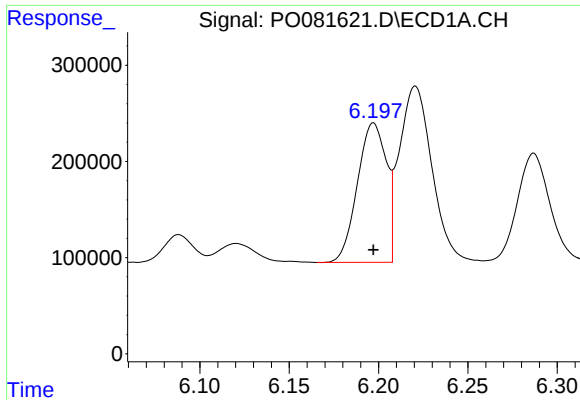
#20 AR-1242-5

R.T.: 7.179 min
Delta R.T.: 0.001 min
Response: 214607
Conc: 108.83 ng/ml



#20 AR-1242-5

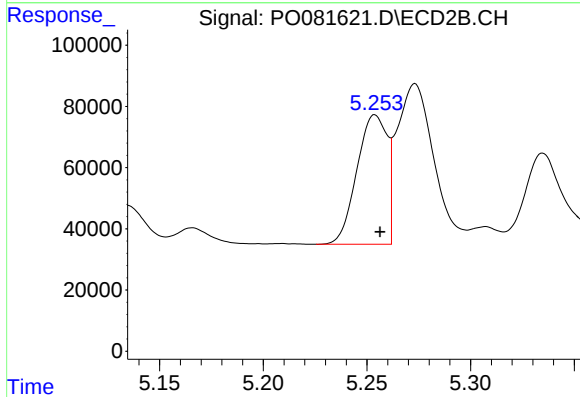
R.T.: 6.133 min
Delta R.T.: -0.002 min
Response: 288341
Conc: 385.86 ng/ml



#21 AR-1248-1

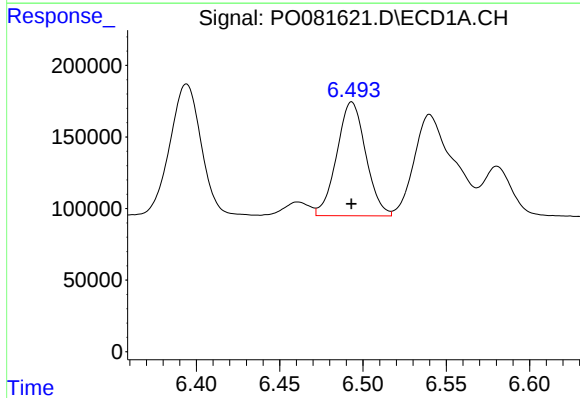
R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 1631549
Conc: 810.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



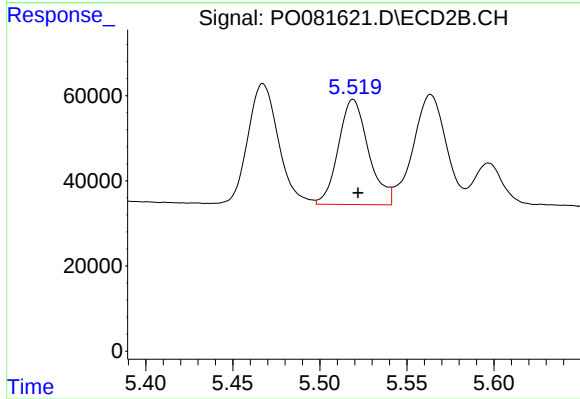
#21 AR-1248-1

R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 429055
Conc: 716.92 ng/ml



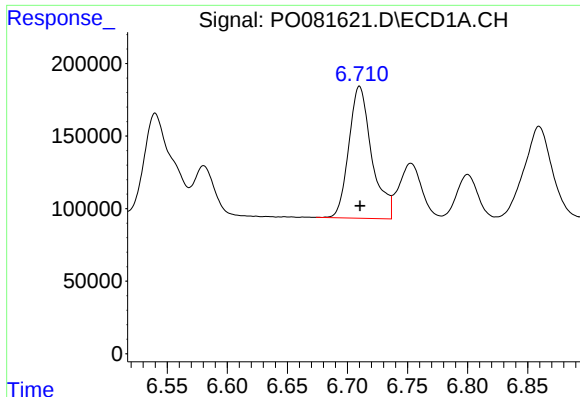
#22 AR-1248-2

R.T.: 6.493 min
Delta R.T.: 0.000 min
Response: 962073
Conc: 364.76 ng/ml



#22 AR-1248-2

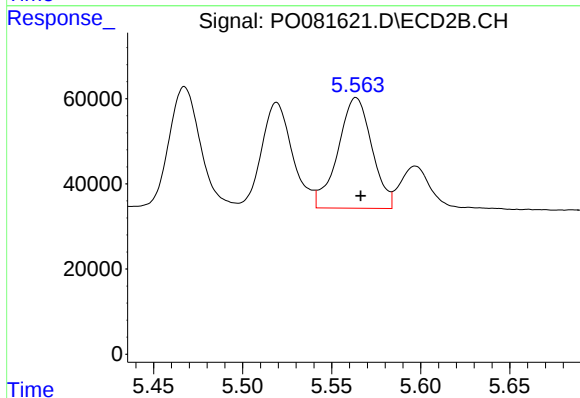
R.T.: 5.519 min
Delta R.T.: -0.003 min
Response: 297325
Conc: 335.06 ng/ml



#23 AR-1248-3

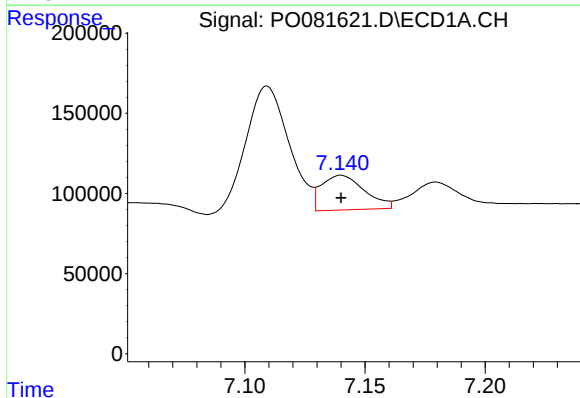
R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 1208239
Conc: 386.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



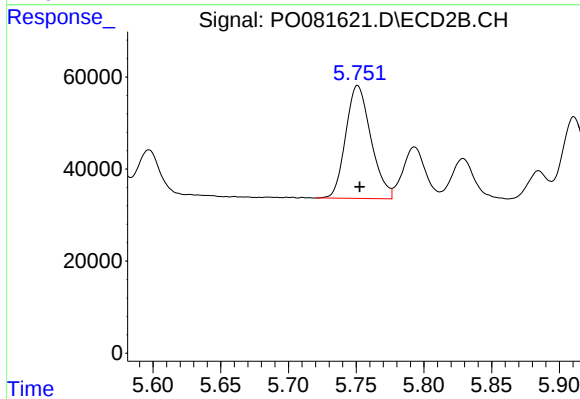
#23 AR-1248-3

R.T.: 5.564 min
Delta R.T.: -0.003 min
Response: 344944
Conc: 394.55 ng/ml



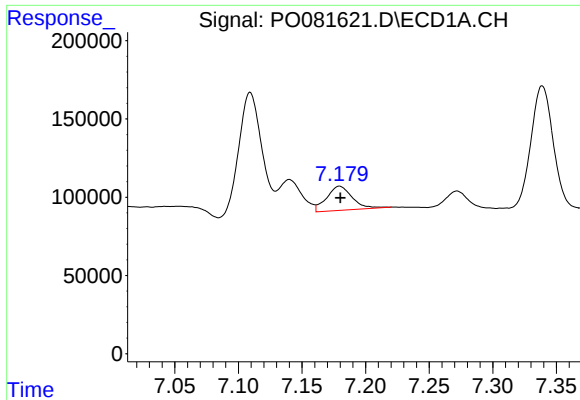
#24 AR-1248-4

R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 270046
Conc: 78.41 ng/ml



#24 AR-1248-4

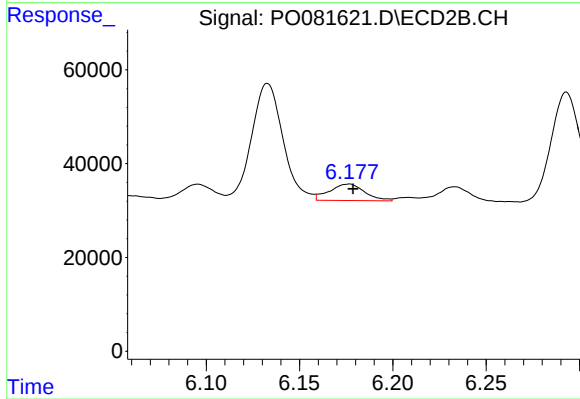
R.T.: 5.751 min
Delta R.T.: -0.001 min
Response: 318322
Conc: 313.29 ng/ml



#25 AR-1248-5

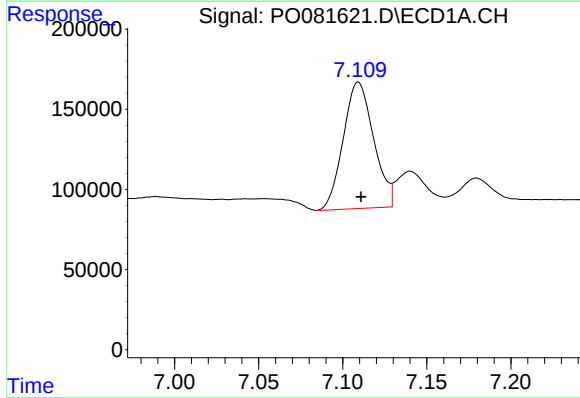
R.T.: 7.179 min
Delta R.T.: 0.000 min
Response: 214607
Conc: 63.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



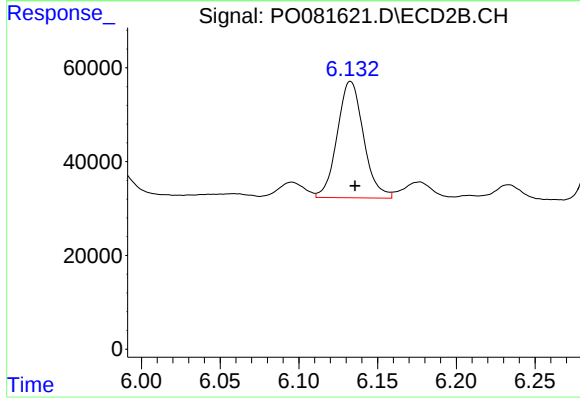
#25 AR-1248-5

R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 46057
Conc: 47.72 ng/ml



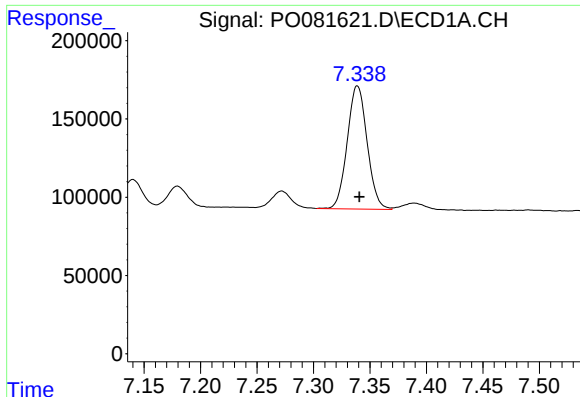
#26 AR-1254-1

R.T.: 7.109 min
Delta R.T.: -0.002 min
Response: 993353
Conc: 277.05 ng/ml



#26 AR-1254-1

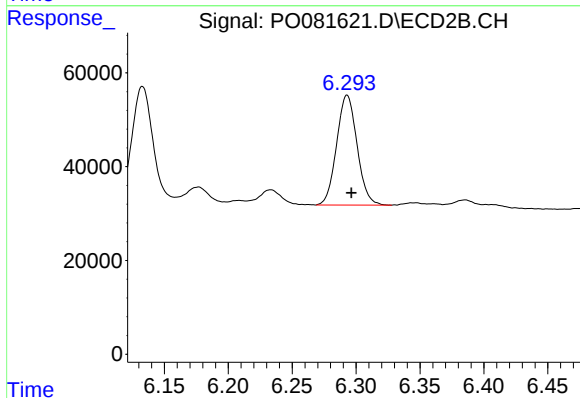
R.T.: 6.133 min
Delta R.T.: -0.003 min
Response: 288341
Conc: 188.30 ng/ml



#27 AR-1254-2

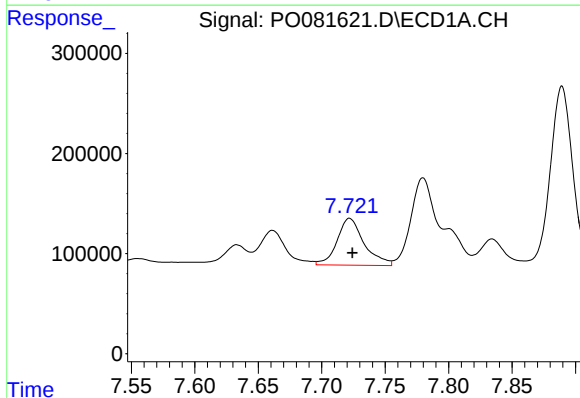
R.T.: 7.339 min
Delta R.T.: -0.002 min
Response: 965819
Conc: 175.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



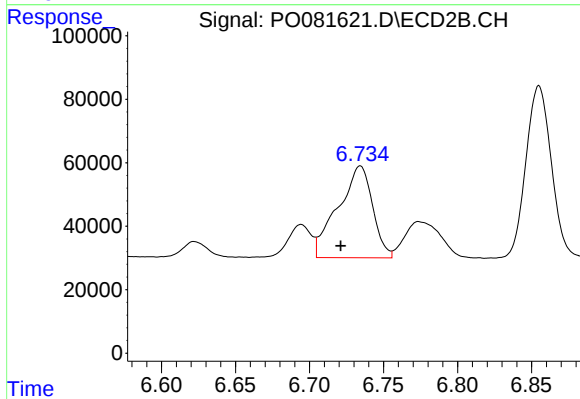
#27 AR-1254-2

R.T.: 6.293 min
Delta R.T.: -0.003 min
Response: 260898
Conc: 191.76 ng/ml



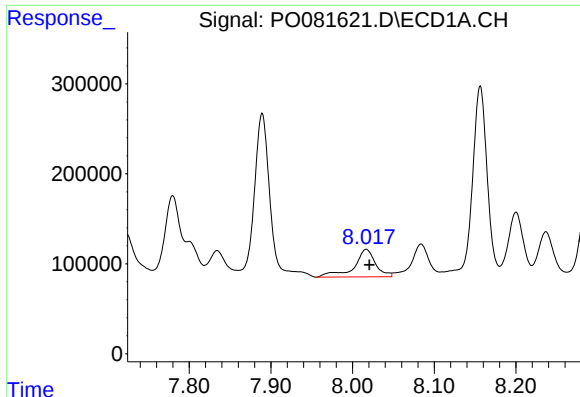
#28 AR-1254-3

R.T.: 7.722 min
Delta R.T.: -0.002 min
Response: 695779
Conc: 123.31 ng/ml



#28 AR-1254-3

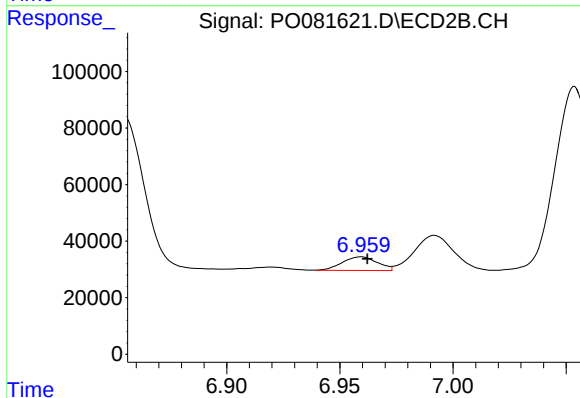
R.T.: 6.734 min
Delta R.T.: 0.013 min
Response: 470761
Conc: 236.66 ng/ml



#29 AR-1254-4

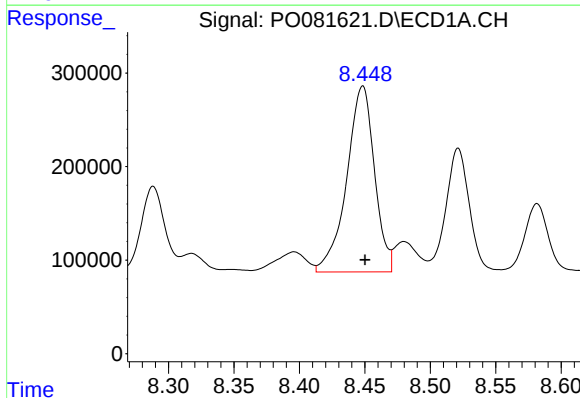
R.T.: 8.017 min
Delta R.T.: -0.004 min
Response: 560727
Conc: 136.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



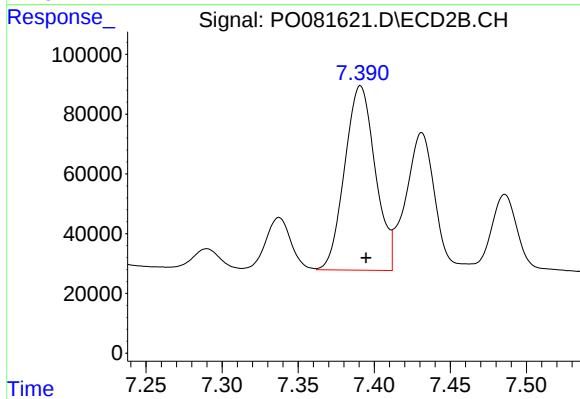
#29 AR-1254-4

R.T.: 6.959 min
Delta R.T.: -0.003 min
Response: 52239
Conc: 41.84 ng/ml



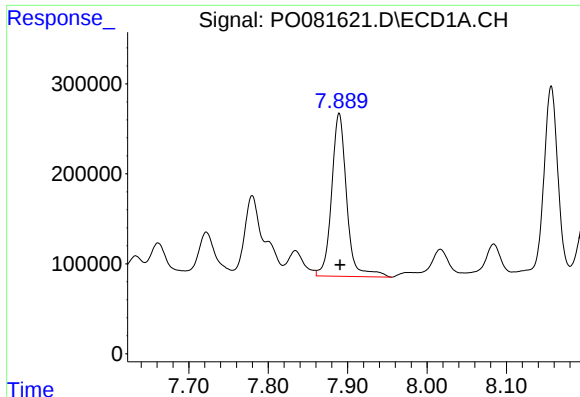
#30 AR-1254-5

R.T.: 8.448 min
Delta R.T.: -0.002 min
Response: 2934095
Conc: 636.55 ng/ml



#30 AR-1254-5

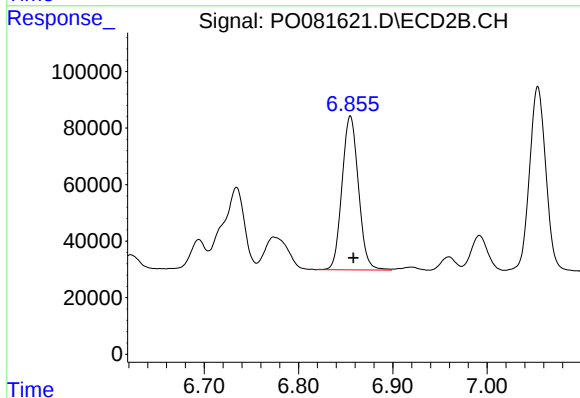
R.T.: 7.391 min
Delta R.T.: -0.004 min
Response: 863420
Conc: 461.87 ng/ml



#31 AR-1260-1

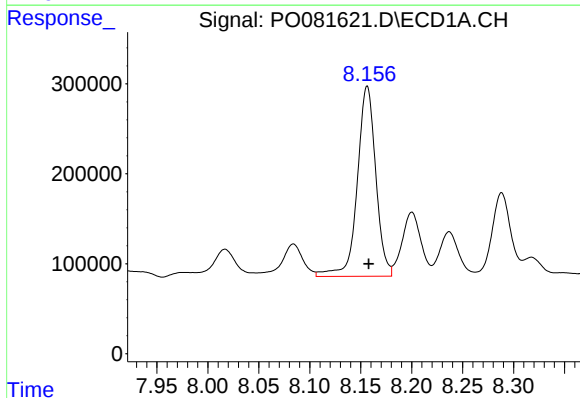
R.T.: 7.889 min
Delta R.T.: -0.001 min
Response: 2386099
Conc: 564.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



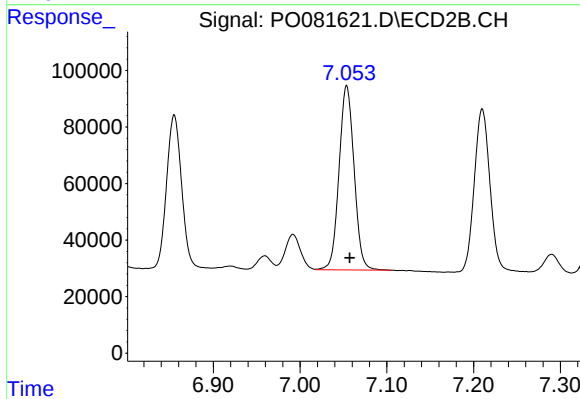
#31 AR-1260-1

R.T.: 6.855 min
Delta R.T.: -0.003 min
Response: 659040
Conc: 472.09 ng/ml



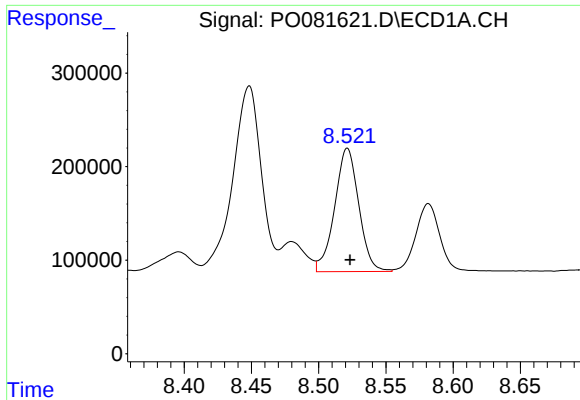
#32 AR-1260-2

R.T.: 8.156 min
Delta R.T.: -0.001 min
Response: 2675895
Conc: 515.54 ng/ml



#32 AR-1260-2

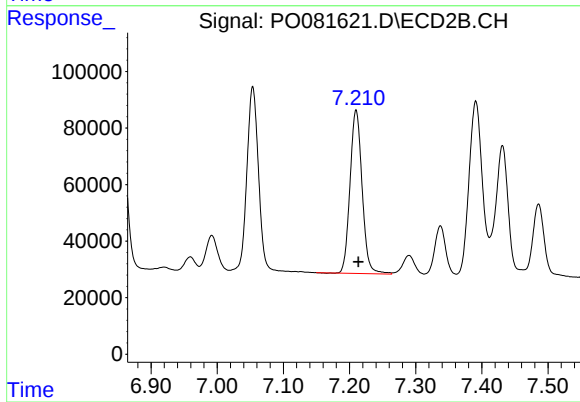
R.T.: 7.054 min
Delta R.T.: -0.003 min
Response: 784804
Conc: 480.20 ng/ml



#33 AR-1260-3

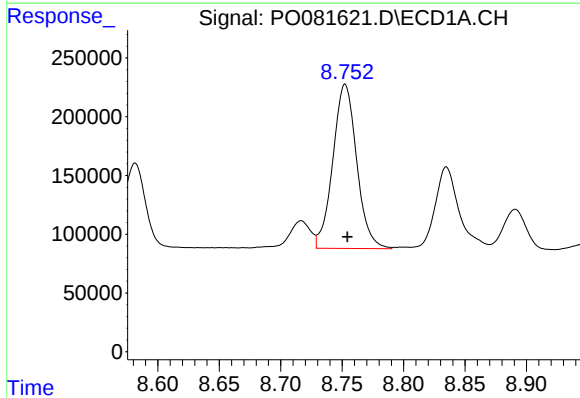
R.T.: 8.521 min
Delta R.T.: -0.002 min
Response: 1639340
Conc: 505.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



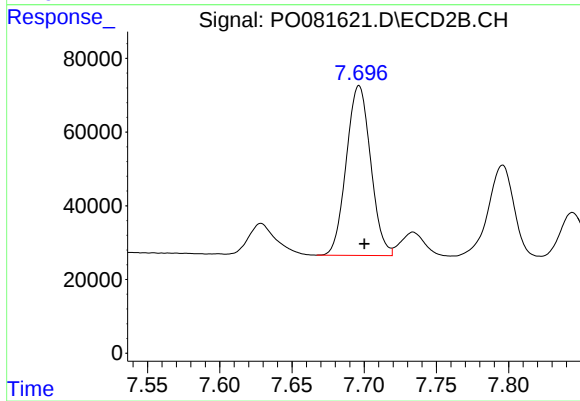
#33 AR-1260-3

R.T.: 7.210 min
Delta R.T.: -0.004 min
Response: 733263
Conc: 440.96 ng/ml



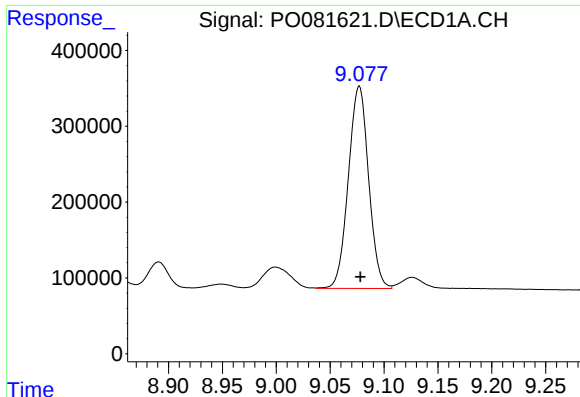
#34 AR-1260-4

R.T.: 8.752 min
Delta R.T.: -0.002 min
Response: 1890226
Conc: 474.21 ng/ml



#34 AR-1260-4

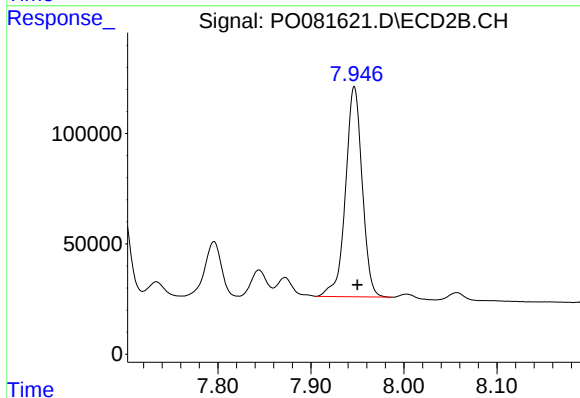
R.T.: 7.696 min
Delta R.T.: -0.004 min
Response: 540131
Conc: 485.97 ng/ml



#35 AR-1260-5

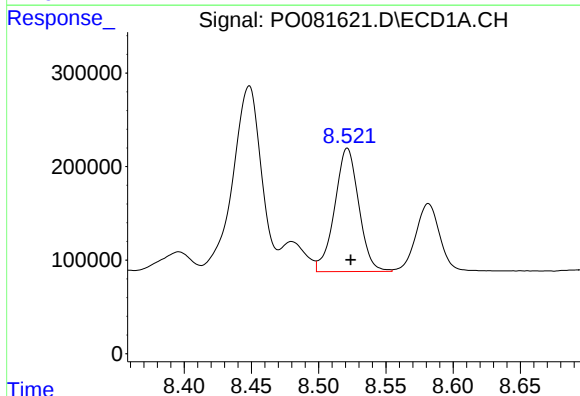
R.T.: 9.077 min
Delta R.T.: -0.001 min
Response: 3490429
Conc: 471.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



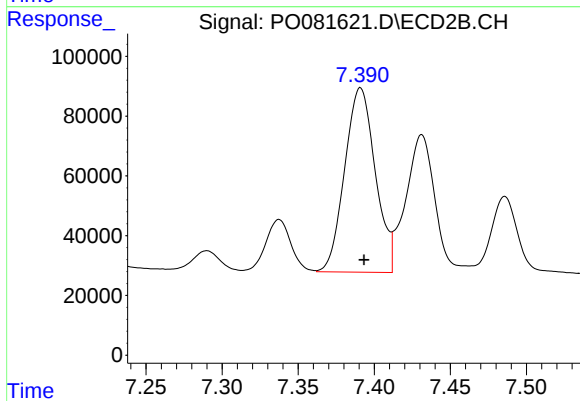
#35 AR-1260-5

R.T.: 7.947 min
Delta R.T.: -0.003 min
Response: 1186784
Conc: 480.56 ng/ml



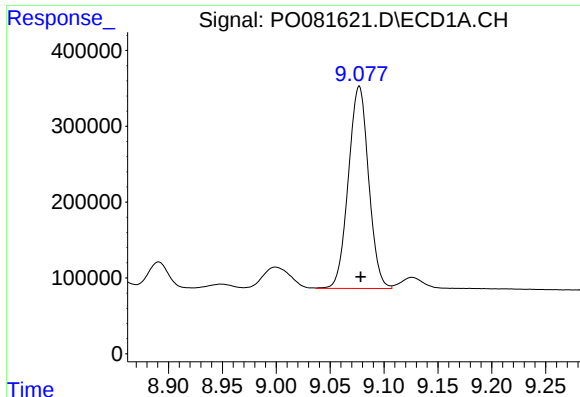
#36 AR-1262-1

R.T.: 8.521 min
Delta R.T.: -0.003 min
Response: 1639340
Conc: 316.27 ng/ml



#36 AR-1262-1

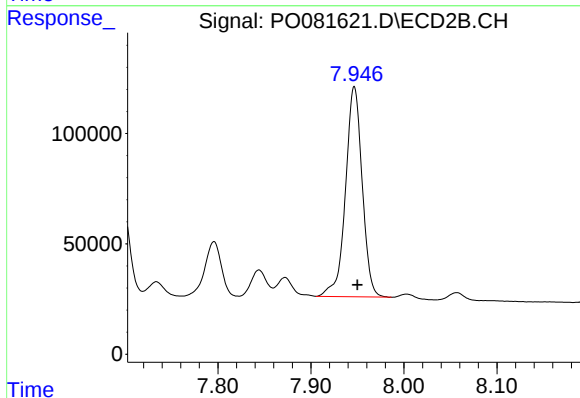
R.T.: 7.391 min
Delta R.T.: -0.002 min
Response: 863420
Conc: 867.45 ng/ml



#37 AR-1262-2

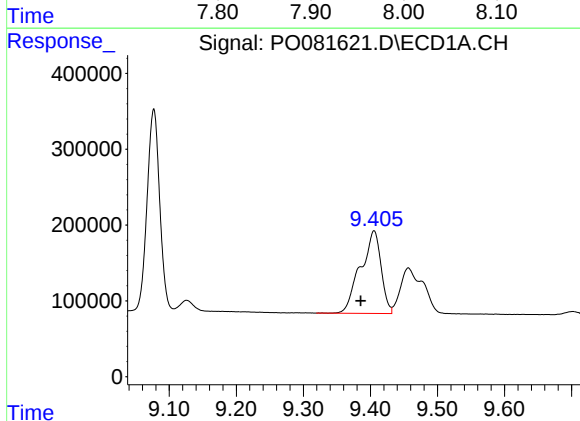
R.T.: 9.077 min
Delta R.T.: -0.001 min
Response: 3490429
Conc: 391.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



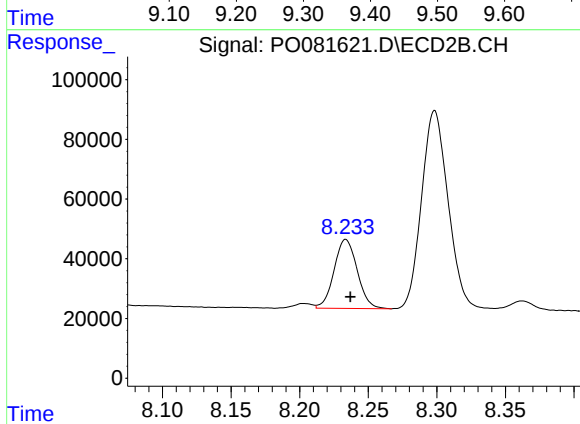
#37 AR-1262-2

R.T.: 7.947 min
Delta R.T.: -0.003 min
Response: 1186784
Conc: 387.37 ng/ml



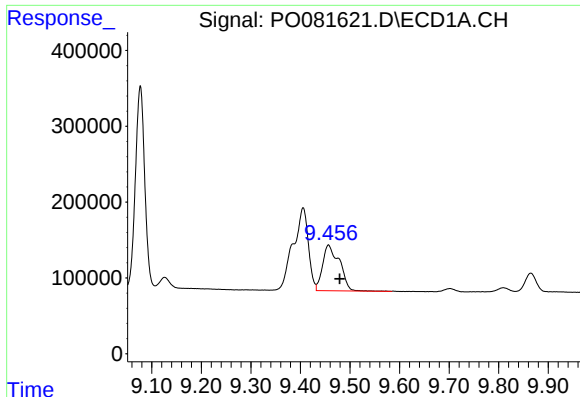
#38 AR-1262-3

R.T.: 9.406 min
Delta R.T.: 0.020 min
Response: 2316447
Conc: 577.43 ng/ml



#38 AR-1262-3

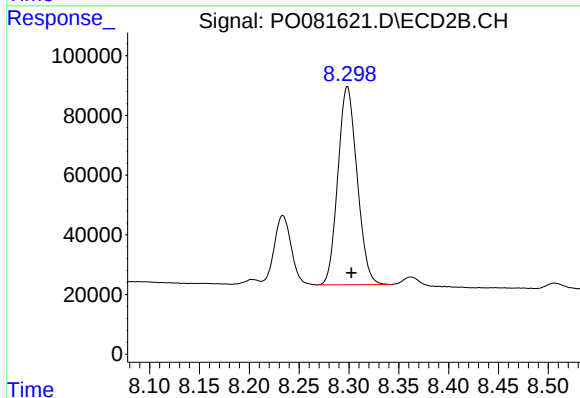
R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 271863
Conc: 203.13 ng/ml



#39 AR-1262-4

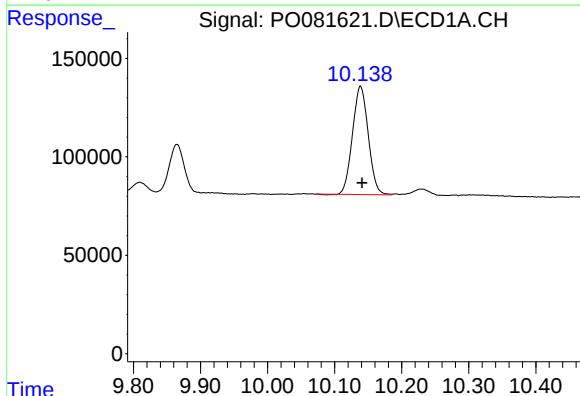
R.T.: 9.457 min
Delta R.T.: -0.023 min
Response: 1424970
Conc: 582.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



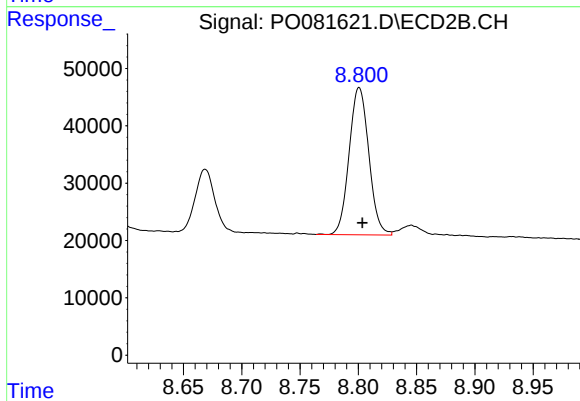
#39 AR-1262-4

R.T.: 8.298 min
Delta R.T.: -0.004 min
Response: 890137
Conc: 378.29 ng/ml



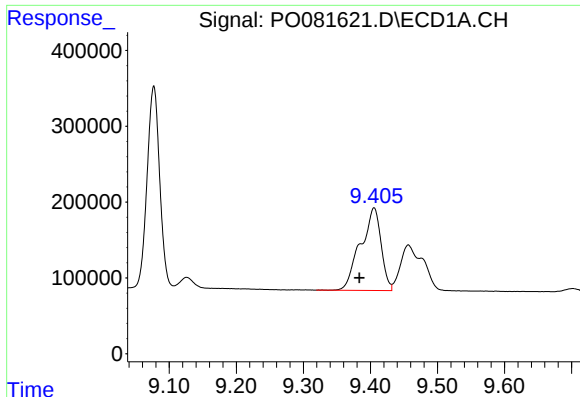
#40 AR-1262-5

R.T.: 10.139 min
Delta R.T.: -0.002 min
Response: 901530
Conc: 264.57 ng/ml



#40 AR-1262-5

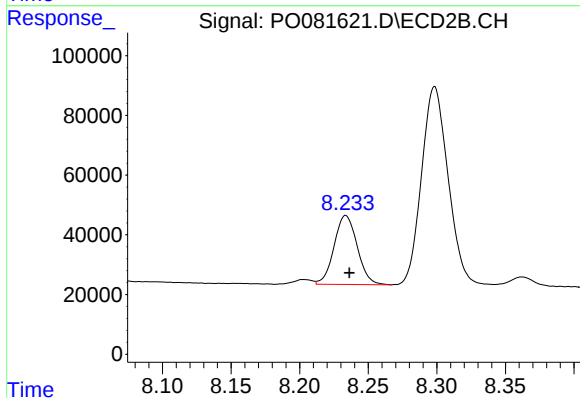
R.T.: 8.801 min
Delta R.T.: -0.003 min
Response: 301451
Conc: 265.09 ng/ml



#41 AR-1268-1

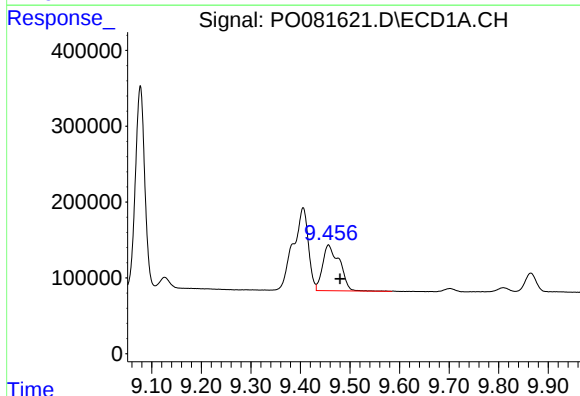
R.T.: 9.406 min
Delta R.T.: 0.022 min
Response: 2316447
Conc: 215.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



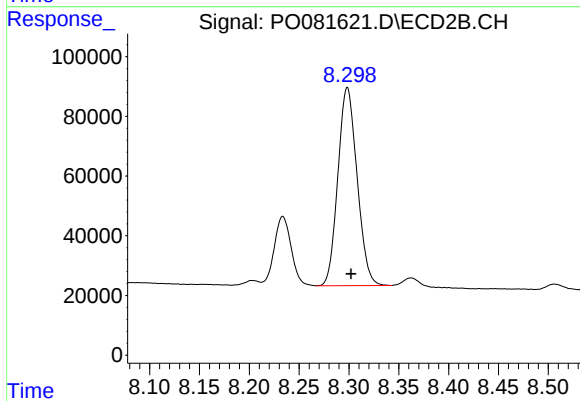
#41 AR-1268-1

R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 271863
Conc: 70.89 ng/ml



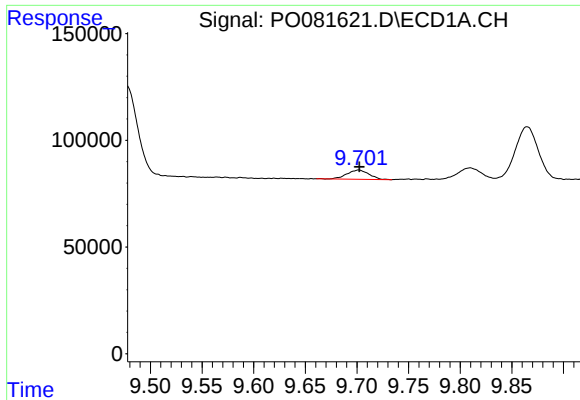
#42 AR-1268-2

R.T.: 9.457 min
Delta R.T.: -0.023 min
Response: 1424970
Conc: 141.01 ng/ml



#42 AR-1268-2

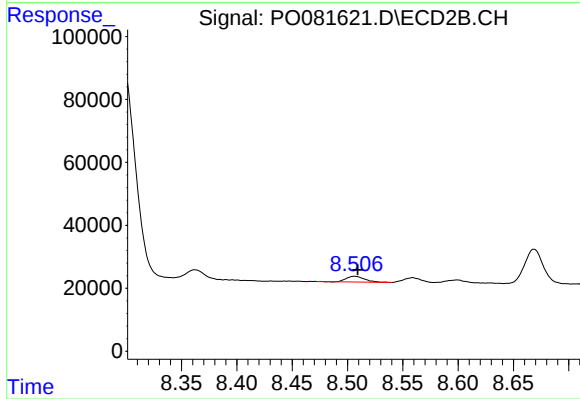
R.T.: 8.298 min
Delta R.T.: -0.004 min
Response: 890137
Conc: 255.62 ng/ml



#43 AR-1268-3

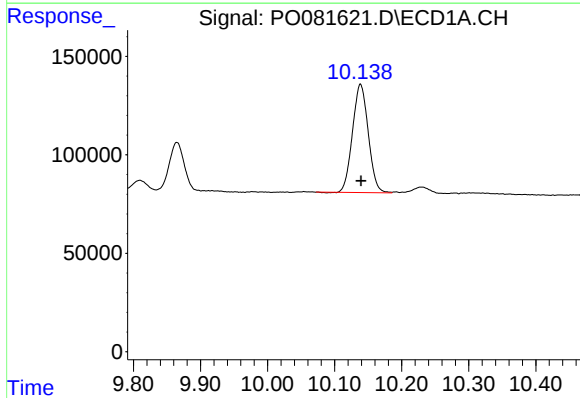
R.T.: 9.702 min
Delta R.T.: 0.000 min
Response: 63552
Conc: 7.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



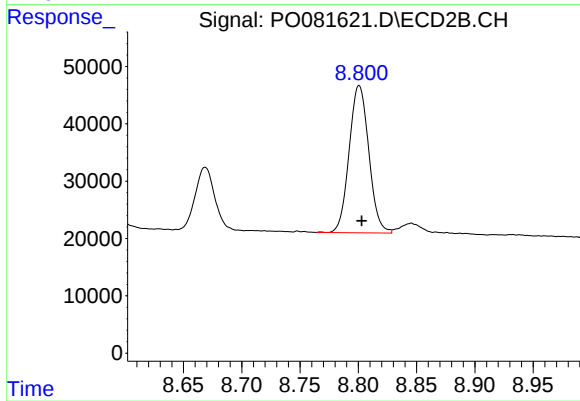
#43 AR-1268-3

R.T.: 8.506 min
Delta R.T.: -0.003 min
Response: 20733
Conc: 6.60 ng/ml



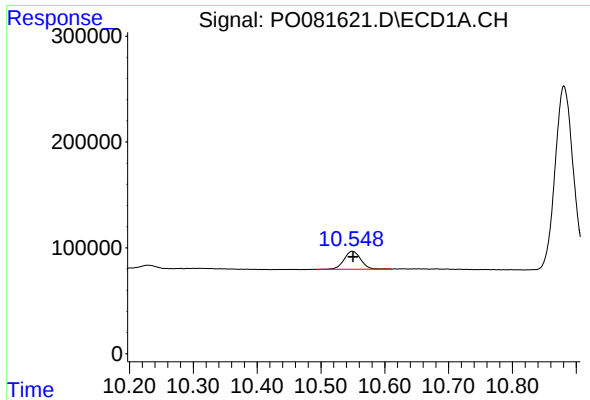
#44 AR-1268-4

R.T.: 10.139 min
Delta R.T.: 0.000 min
Response: 901530
Conc: 234.79 ng/ml



#44 AR-1268-4

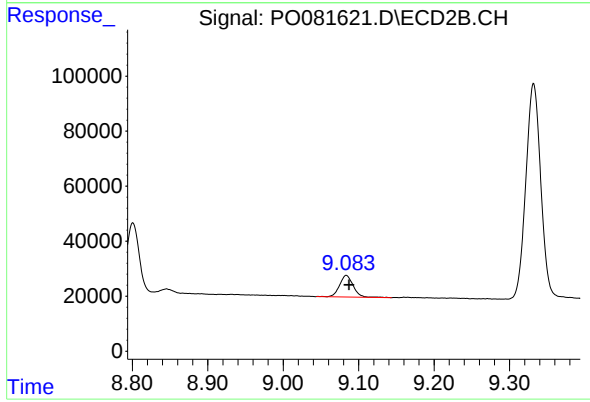
R.T.: 8.801 min
Delta R.T.: -0.002 min
Response: 301451
Conc: 233.78 ng/ml



#45 AR-1268-5

R.T.: 10.549 min
Delta R.T.: -0.001 min
Response: 309722
Conc: 10.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.084 min
Delta R.T.: -0.004 min
Response: 99119
Conc: 11.03 ng/ml