

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011521\
 Data File : P0074807.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Jan 2021 8:04
 Operator : AJ/MA
 Sample : M1141-05
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 18 00:26:51 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...	4.931	4.004	1536147	863207	14.558	15.345
2)	SA Decachlor...	10.953	9.258	2035876	1033982	20.059	18.832
Target Compounds							
3)	L1 AR-1016-1	6.254	5.268	75060	56519	18.359	24.710 #
4)	L1 AR-1016-2	6.278	5.268	90525	56519	15.896	17.887
5)	L1 AR-1016-3	0.000	5.457	0	19999	N.D.	11.651 #
6)	L1 AR-1016-4	0.000	5.510	0	140556	N.D.	100.010 #
7)	L1 AR-1016-5	6.767	5.735	63786	63164	23.322	36.732 #
8)	L2 AR-1221-1	5.185	0.000	116044	0	94.476	N.D. #
9)	L2 AR-1221-2	5.282	0.000	50076	0	55.576	N.D. #
10)	L2 AR-1221-3	5.359	0.000	363103	0	128.884	N.D. #
11)	L3 AR-1232-1	5.359	0.000	363103	0	158.543	N.D. #
12)	L3 AR-1232-2	5.968	5.268	253404	56519	220.400	41.858 #
13)	L3 AR-1232-3	6.278	5.457	90525	19999	37.517	27.262 #
14)	L3 AR-1232-4	0.000	5.553	0	40078	N.D.	63.020 #
15)	L3 AR-1232-5	6.550	5.735	216749	63164	266.389	90.962 #
16)	L4 AR-1242-1	6.254	5.268	75060	56519	23.310	30.664 #
17)	L4 AR-1242-2	6.278	5.268	90525	56519	20.059	22.452
18)	L4 AR-1242-3	0.000	5.457	0	19999	N.D.	14.728 #
19)	L4 AR-1242-4	0.000	5.553	0	40078	N.D.	30.665 #
20)	L4 AR-1242-5	7.240	6.113	123422	973855	49.045	556.224 #
21)	L5 AR-1248-1	6.254	5.268f	75060	56519	31.178	41.095 #
22)	L5 AR-1248-2	6.550	5.510	216749	140556	69.693	74.790
23)	L5 AR-1248-3	6.767	5.553	63786	40078	17.614	21.232
24)	L5 AR-1248-4	7.198	5.735	155360	63164	34.838	28.044
25)	L5 AR-1248-5	7.240	6.155	123422	38782	29.287	16.496 #
26)	L6 AR-1254-1	7.167	6.113	1818369	973855	413.440	269.616 #
27)	L6 AR-1254-2	7.398	6.272	2441677	1160469	358.502	372.358
28)	L6 AR-1254-3	7.781	6.707f	1410644	2456486	201.109	500.923 #
29)	L6 AR-1254-4	8.077	6.927	1179890	385640	194.551	111.207 #
30)	L6 AR-1254-5	8.507	7.352	10877138	4932565	1872.483	1089.843 #
31)	L7 AR-1260-1	7.948	6.825	6713600	3422335	1345.752	1072.737
32)	L7 AR-1260-2	8.215	7.022	9818826	4420130	1443.498	1039.774 #
33)	L7 AR-1260-3	8.581	7.174	8408886	4011680	1467.077	1113.282
34)	L7 AR-1260-4	8.813	7.653	8269440	3619284	1511.418	1155.833
35)	L7 AR-1260-5	9.140	7.901	20030949	9752312	1603.121	1226.912
36)	L8 AR-1262-1	8.581	7.352	8408886	4932565	944.376	1938.461 #
37)	L8 AR-1262-2	9.140	7.901	20030949	9752312	1308.335	1060.686
38)	L8 AR-1262-3	9.472f	8.184	11709578	2236975	1169.111	565.704 #
39)	L8 AR-1262-4	9.525	8.247	6983611	6992561	937.732	1055.447
40)	L8 AR-1262-5	10.209	8.743	5151177	2591039	984.631	839.224
41)	L9 AR-1268-1	9.472f	8.184	11709578	2236975	626.735	199.824 #

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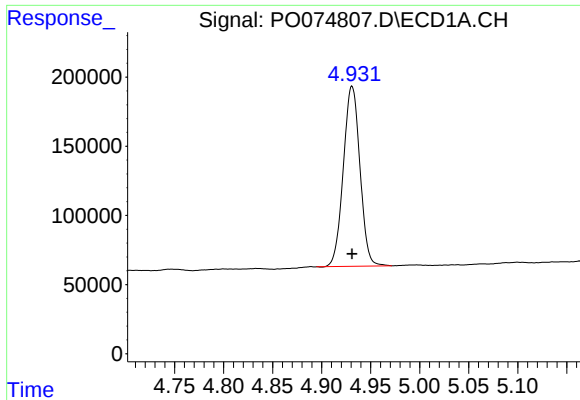
Instrument :
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.525f	8.247	6983611	6992561	437.709	730.888 #
43) L9	AR-1268-3	9.771	8.454	189181	101718	13.321	12.242
44) L9	AR-1268-4	10.209	8.743	5151177	2591039	879.259	746.880
45) L9	AR-1268-5	10.619	9.018	1169154	579789	27.978	24.486

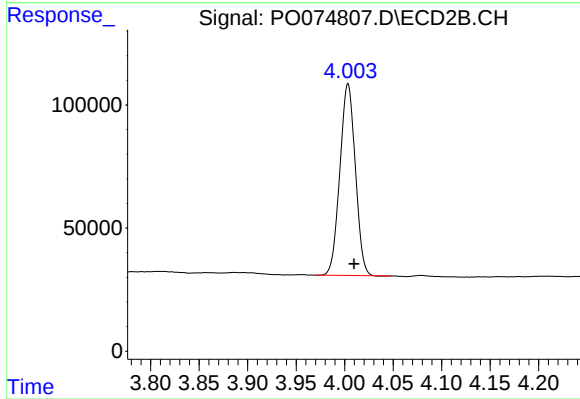
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

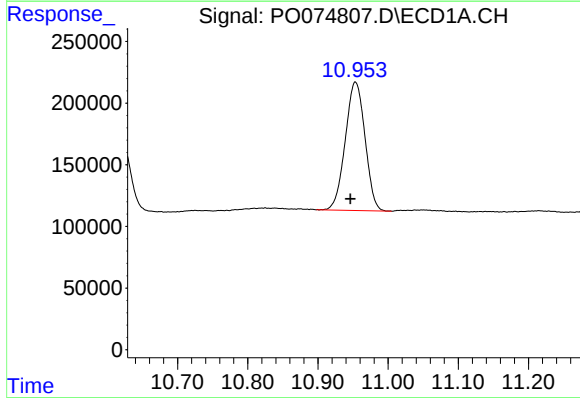
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 1536147
Conc: 14.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



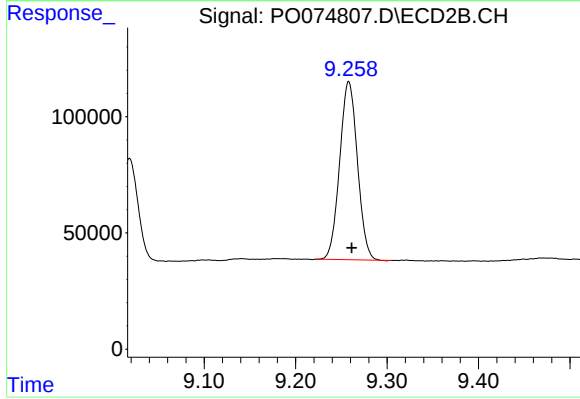
#1 Tetrachloro-m-xylene

R.T.: 4.004 min
Delta R.T.: -0.006 min
Response: 863207
Conc: 15.35 ng/ml



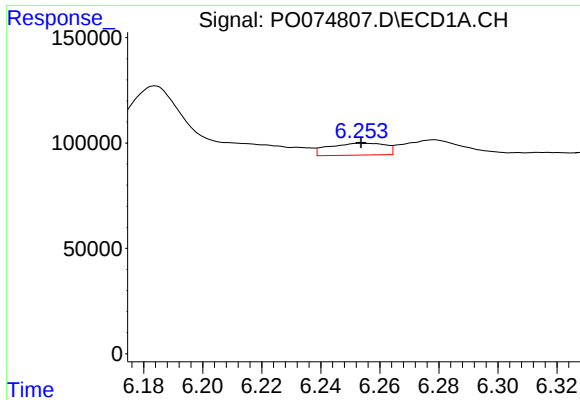
#2 Decachlorobiphenyl

R.T.: 10.953 min
Delta R.T.: 0.007 min
Response: 2035876
Conc: 20.06 ng/ml



#2 Decachlorobiphenyl

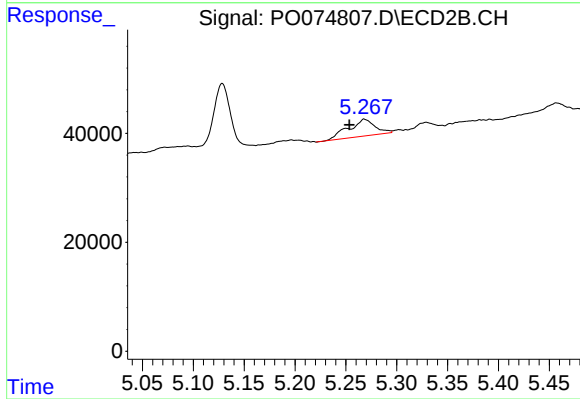
R.T.: 9.258 min
Delta R.T.: -0.003 min
Response: 1033982
Conc: 18.83 ng/ml



#3 AR-1016-1

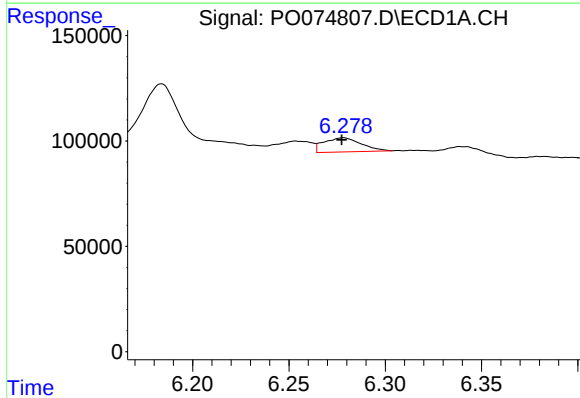
R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 75060
Conc: 18.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



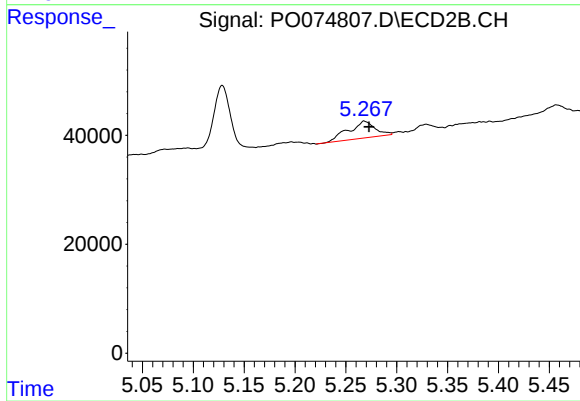
#3 AR-1016-1

R.T.: 5.268 min
Delta R.T.: 0.015 min
Response: 56519
Conc: 24.71 ng/ml



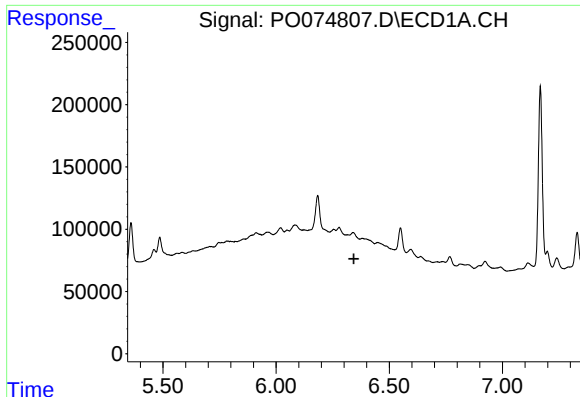
#4 AR-1016-2

R.T.: 6.278 min
Delta R.T.: 0.000 min
Response: 90525
Conc: 15.90 ng/ml



#4 AR-1016-2

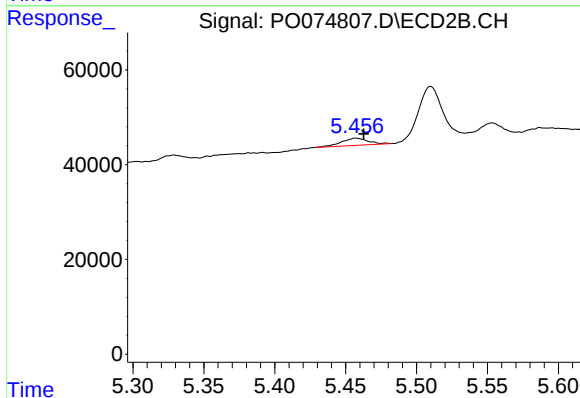
R.T.: 5.268 min
Delta R.T.: -0.005 min
Response: 56519
Conc: 17.89 ng/ml



#5 AR-1016-3

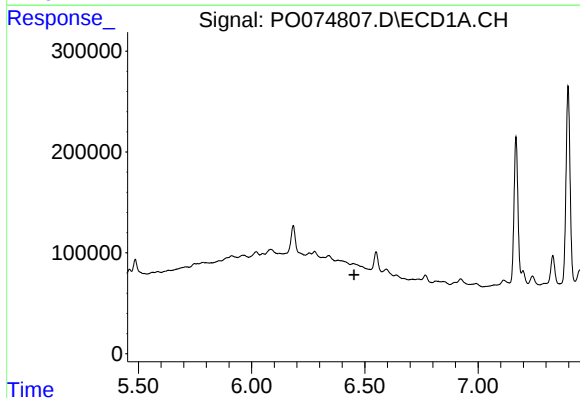
R.T.: 0.000 min
Exp R.T.: 6.344 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



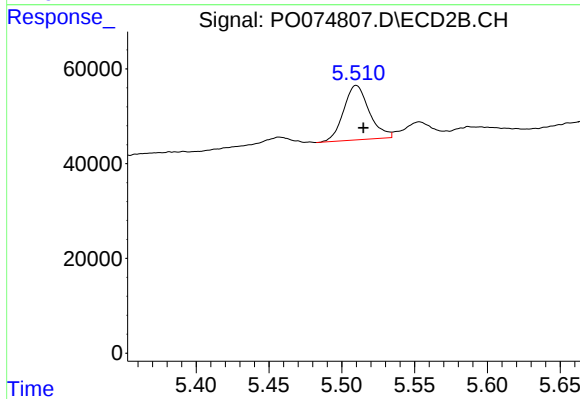
#5 AR-1016-3

R.T.: 5.457 min
Delta R.T.: -0.005 min
Response: 19999
Conc: 11.65 ng/ml



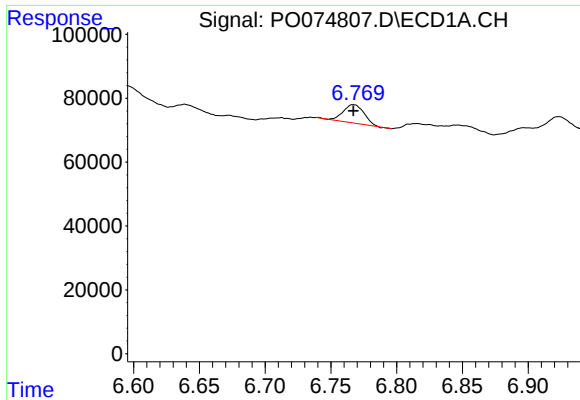
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.452 min
Response: 0
Conc: N.D.



#6 AR-1016-4

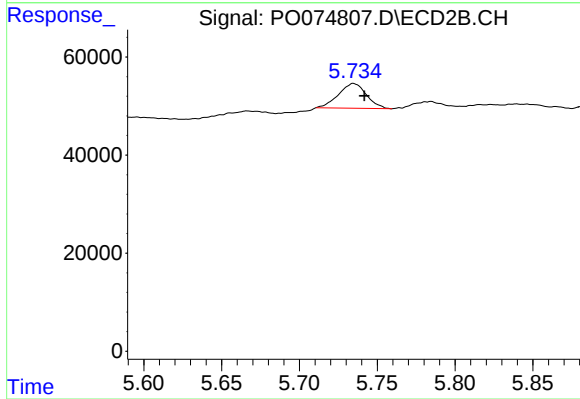
R.T.: 5.510 min
Delta R.T.: -0.005 min
Response: 140556
Conc: 100.01 ng/ml



#7 AR-1016-5

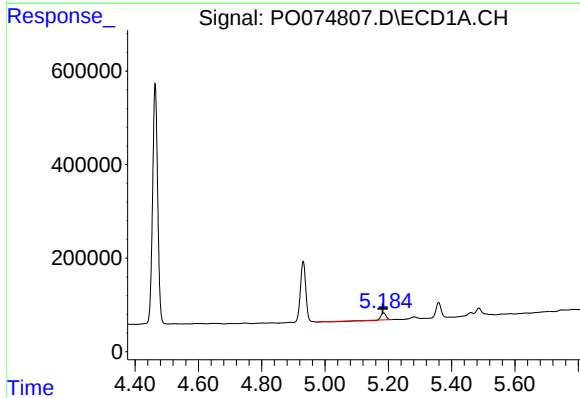
R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 63786
Conc: 23.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



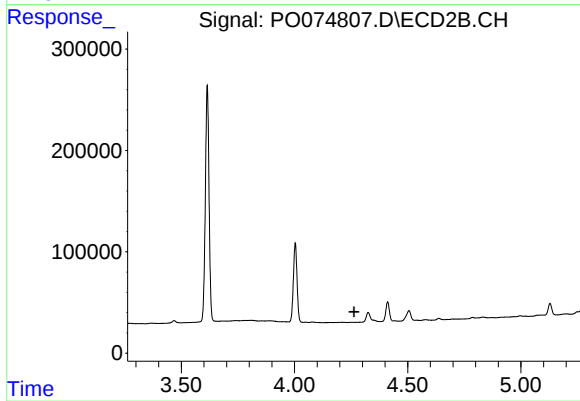
#7 AR-1016-5

R.T.: 5.735 min
Delta R.T.: -0.007 min
Response: 63164
Conc: 36.73 ng/ml



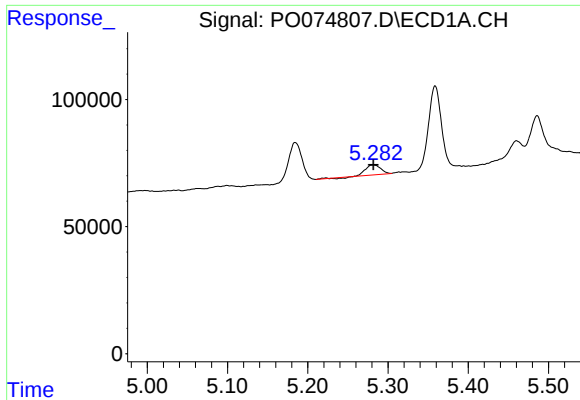
#8 AR-1221-1

R.T.: 5.185 min
Delta R.T.: 0.002 min
Response: 116044
Conc: 94.48 ng/ml



#8 AR-1221-1

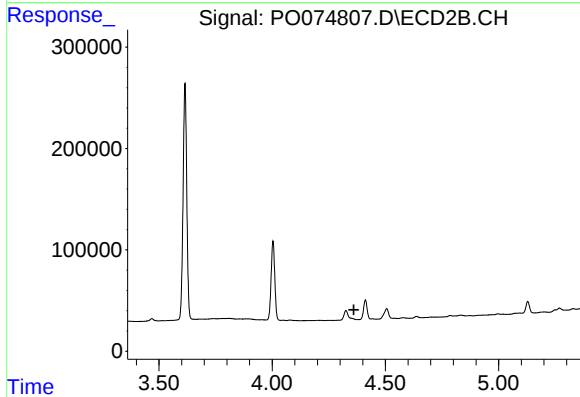
R.T.: 0.000 min
Exp R.T.: 4.263 min
Response: 0
Conc: N.D.



#9 AR-1221-2

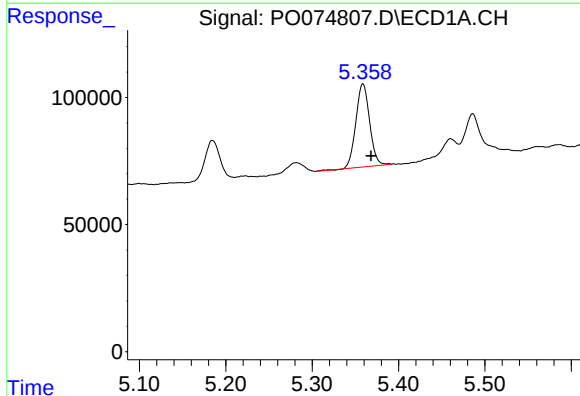
R.T.: 5.282 min
Delta R.T.: 0.000 min
Response: 50076
Conc: 55.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



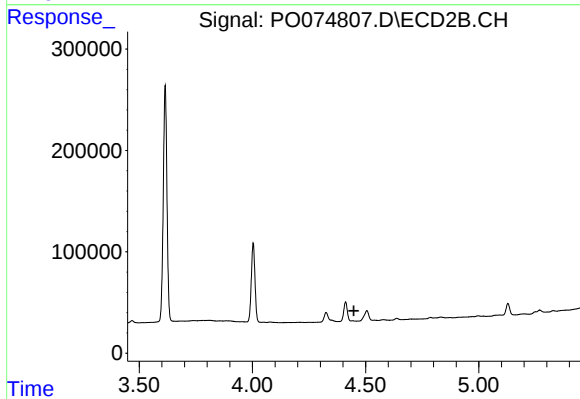
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.361 min
Response: 0
Conc: N.D.



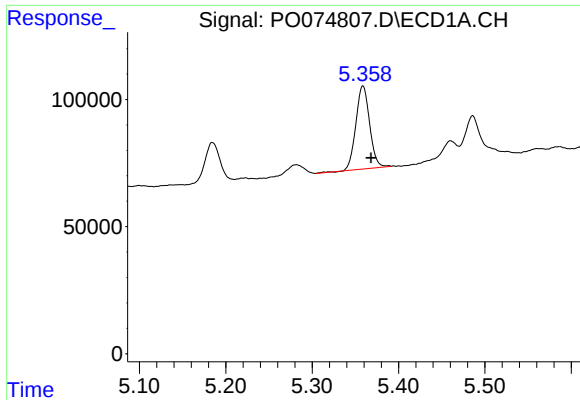
#10 AR-1221-3

R.T.: 5.359 min
Delta R.T.: -0.009 min
Response: 363103
Conc: 128.88 ng/ml



#10 AR-1221-3

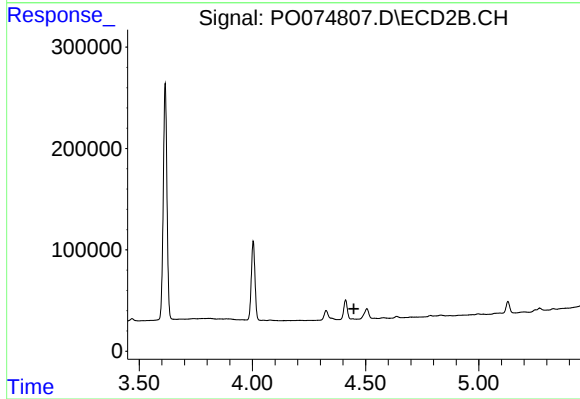
R.T.: 0.000 min
Exp R.T. : 4.449 min
Response: 0
Conc: N.D.



#11 AR-1232-1

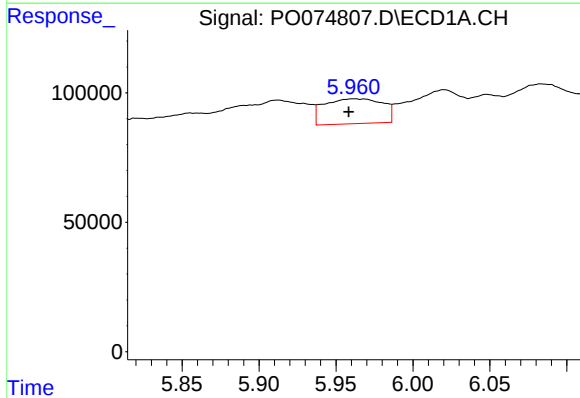
R.T.: 5.359 min
Delta R.T.: -0.009 min
Response: 363103
Conc: 158.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



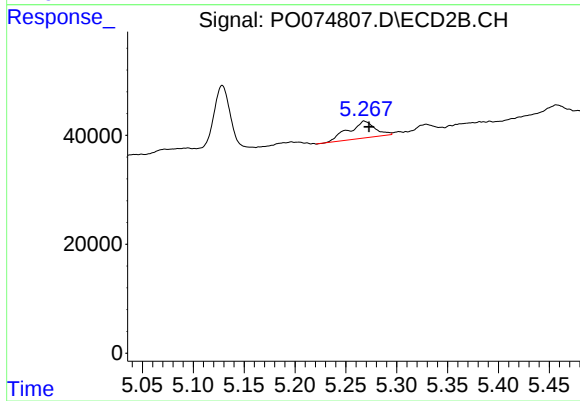
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.448 min
Response: 0
Conc: N.D.



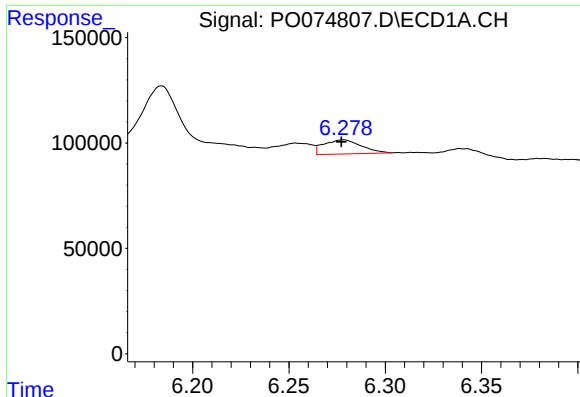
#12 AR-1232-2

R.T.: 5.968 min
Delta R.T.: 0.010 min
Response: 253404
Conc: 220.40 ng/ml



#12 AR-1232-2

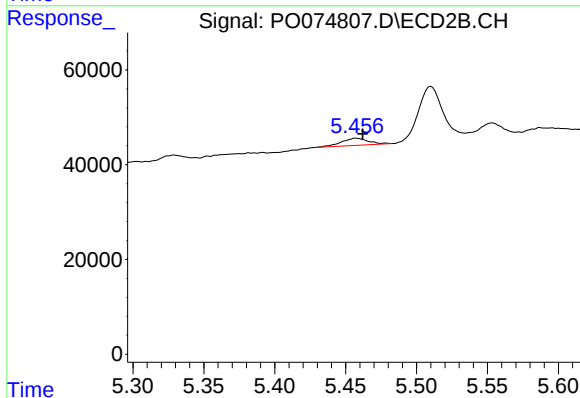
R.T.: 5.268 min
Delta R.T.: -0.005 min
Response: 56519
Conc: 41.86 ng/ml



#13 AR-1232-3

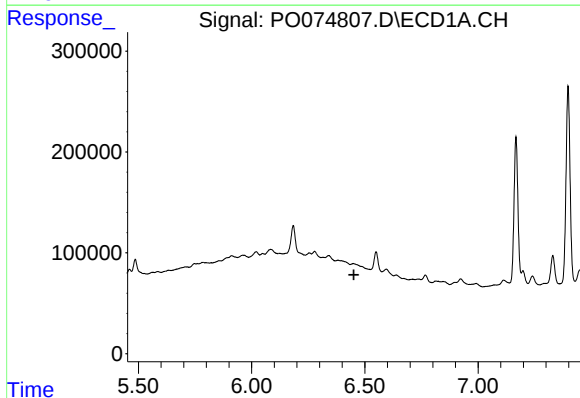
R.T.: 6.278 min
Delta R.T.: 0.000 min
Response: 90525
Conc: 37.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



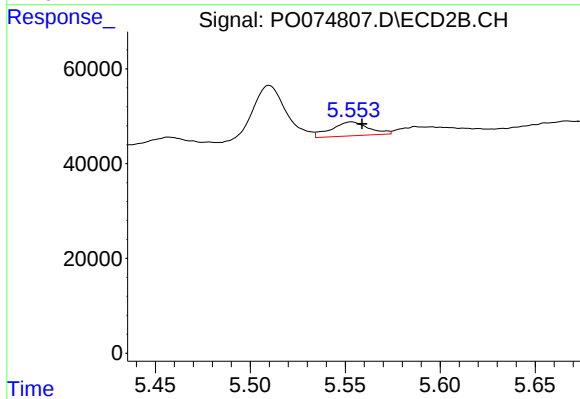
#13 AR-1232-3

R.T.: 5.457 min
Delta R.T.: -0.005 min
Response: 19999
Conc: 27.26 ng/ml



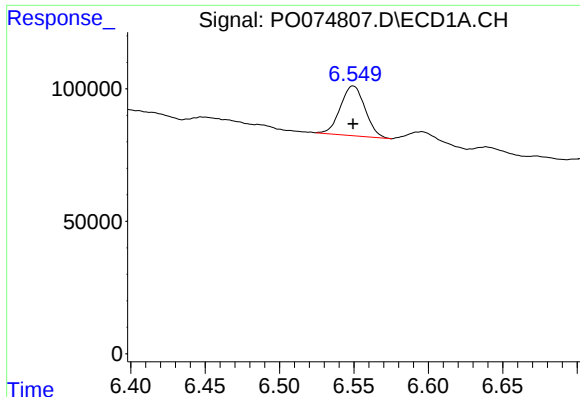
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.451 min
Response: 0
Conc: N.D.



#14 AR-1232-4

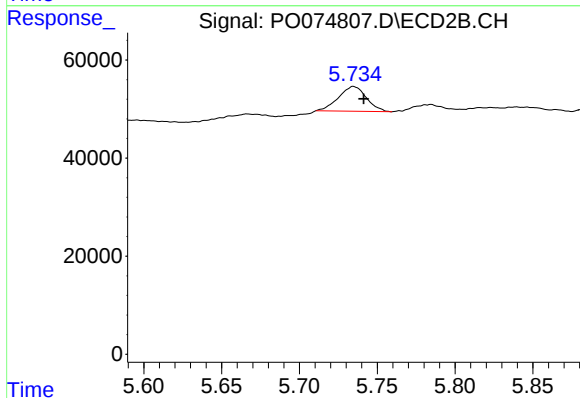
R.T.: 5.553 min
Delta R.T.: -0.006 min
Response: 40078
Conc: 63.02 ng/ml



#15 AR-1232-5

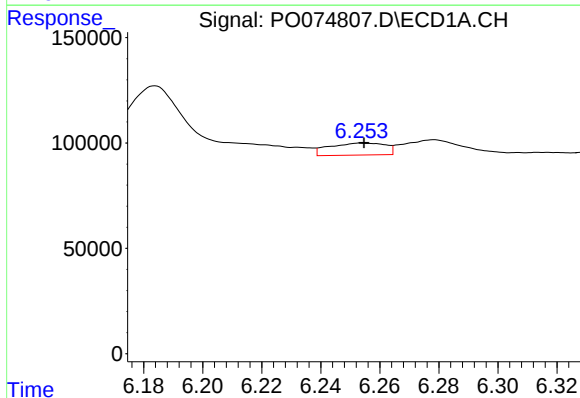
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 216749
Conc: 266.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



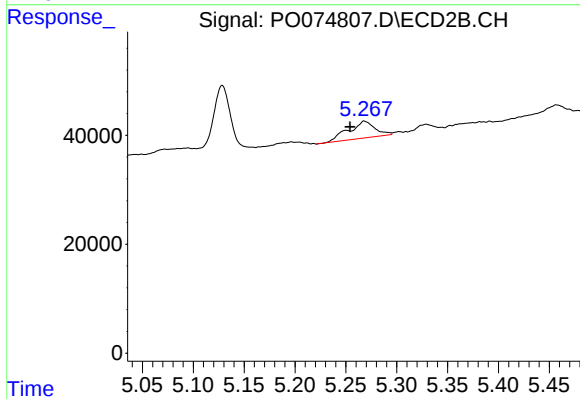
#15 AR-1232-5

R.T.: 5.735 min
Delta R.T.: -0.007 min
Response: 63164
Conc: 90.96 ng/ml



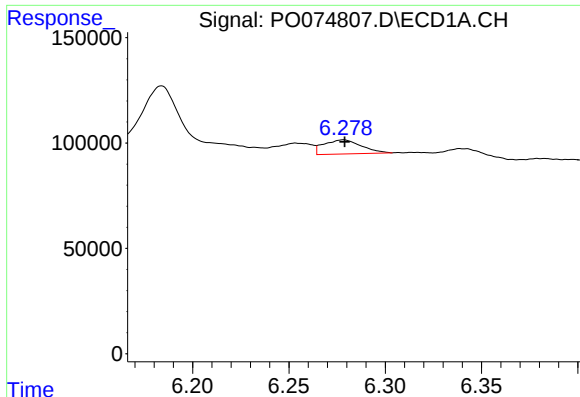
#16 AR-1242-1

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 75060
Conc: 23.31 ng/ml



#16 AR-1242-1

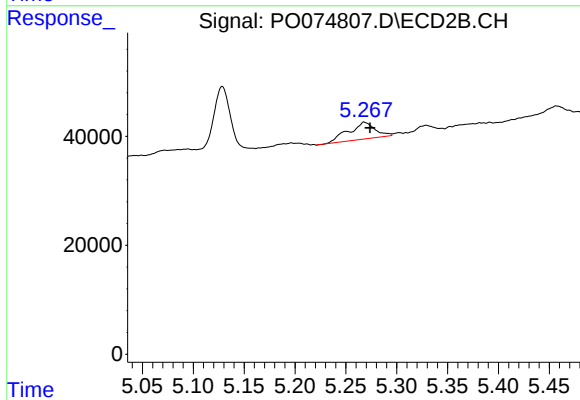
R.T.: 5.268 min
Delta R.T.: 0.014 min
Response: 56519
Conc: 30.66 ng/ml



#17 AR-1242-2

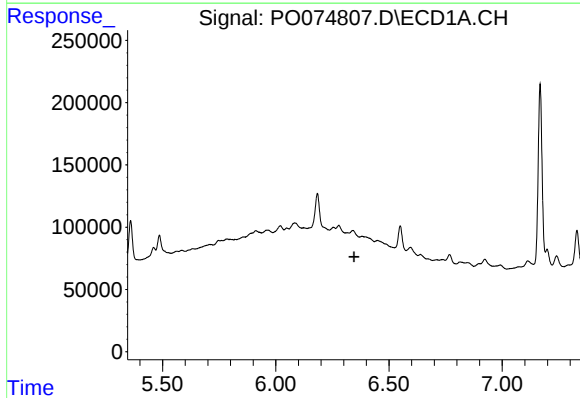
R.T.: 6.278 min
Delta R.T.: 0.000 min
Response: 90525
Conc: 20.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



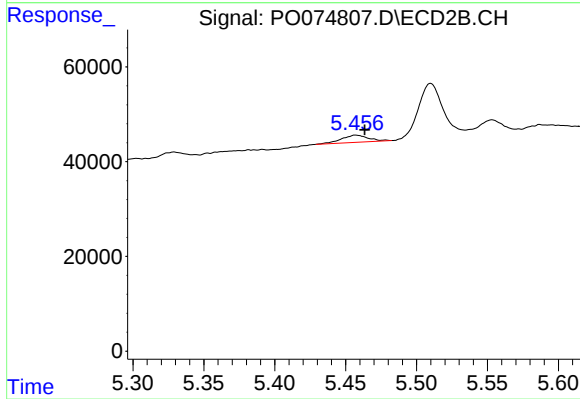
#17 AR-1242-2

R.T.: 5.268 min
Delta R.T.: -0.006 min
Response: 56519
Conc: 22.45 ng/ml



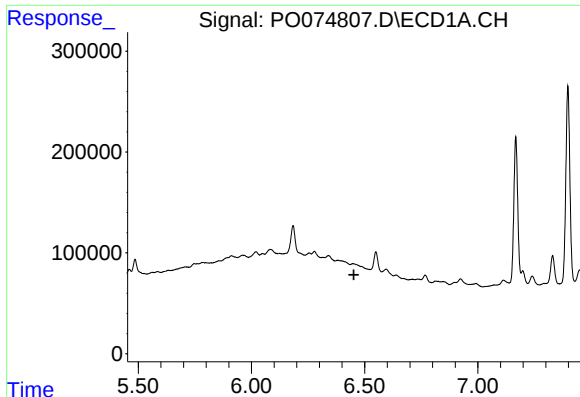
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.345 min
Response: 0
Conc: N.D.



#18 AR-1242-3

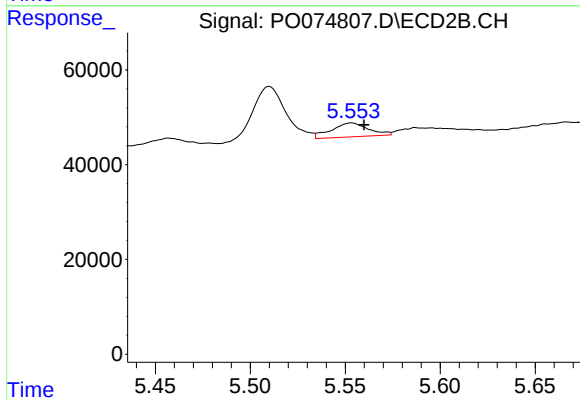
R.T.: 5.457 min
Delta R.T.: -0.006 min
Response: 19999
Conc: 14.73 ng/ml



#19 AR-1242-4

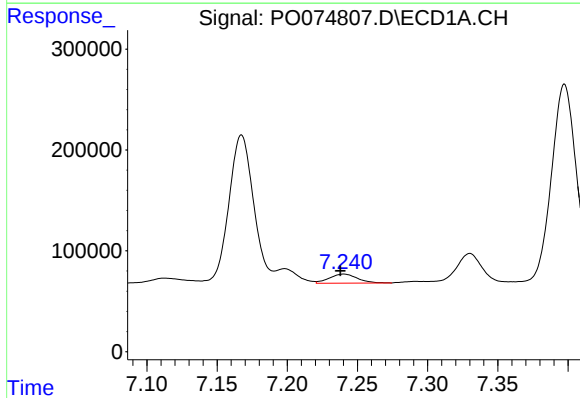
R.T.: 0.000 min
Exp R.T.: 6.453 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



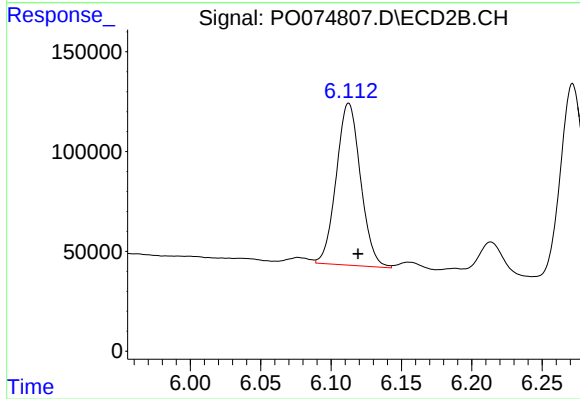
#19 AR-1242-4

R.T.: 5.553 min
Delta R.T.: -0.007 min
Response: 40078
Conc: 30.66 ng/ml



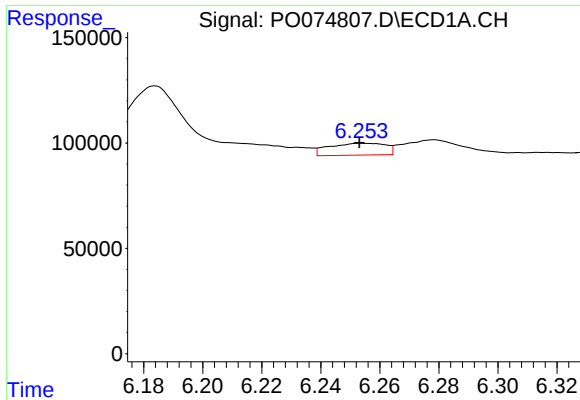
#20 AR-1242-5

R.T.: 7.240 min
Delta R.T.: 0.002 min
Response: 123422
Conc: 49.05 ng/ml



#20 AR-1242-5

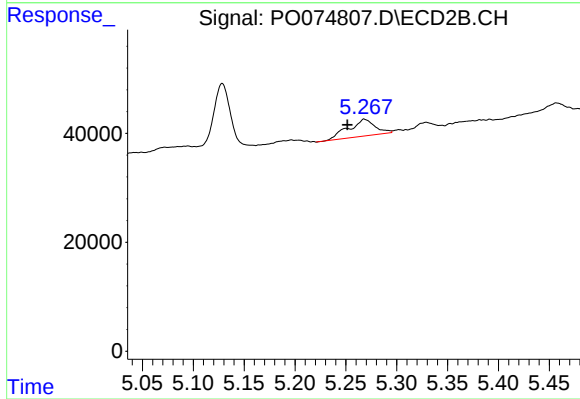
R.T.: 6.113 min
Delta R.T.: -0.007 min
Response: 973855
Conc: 556.22 ng/ml



#21 AR-1248-1

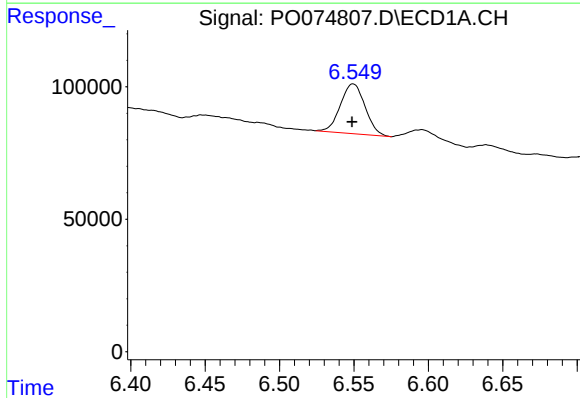
R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 75060
Conc: 31.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



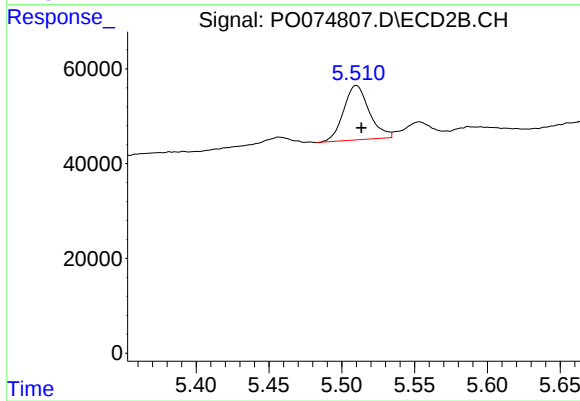
#21 AR-1248-1

R.T.: 5.268 min
Delta R.T.: 0.017 min
Response: 56519
Conc: 41.10 ng/ml



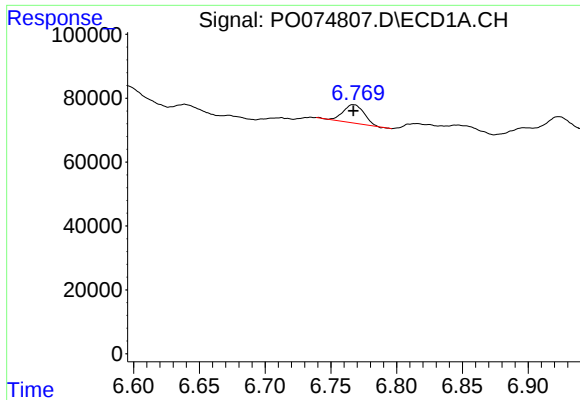
#22 AR-1248-2

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 216749
Conc: 69.69 ng/ml



#22 AR-1248-2

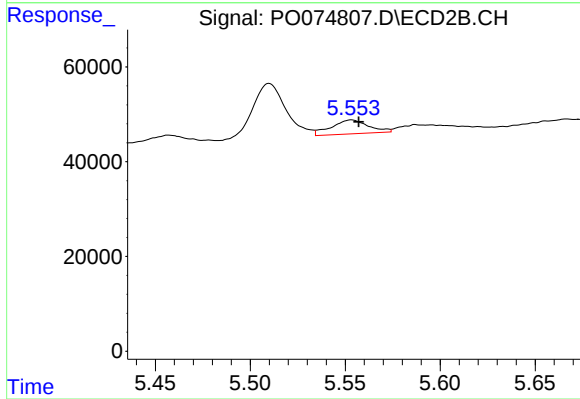
R.T.: 5.510 min
Delta R.T.: -0.003 min
Response: 140556
Conc: 74.79 ng/ml



#23 AR-1248-3

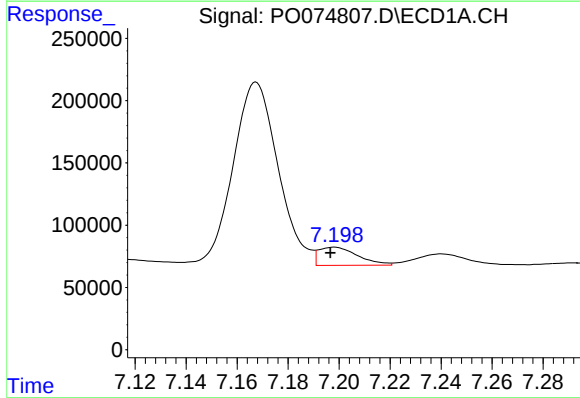
R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 63786
Conc: 17.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



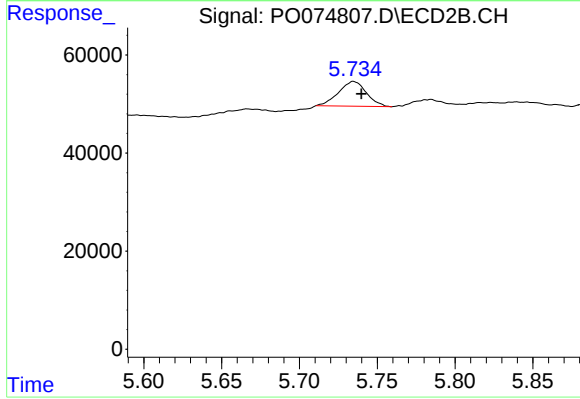
#23 AR-1248-3

R.T.: 5.553 min
Delta R.T.: -0.004 min
Response: 40078
Conc: 21.23 ng/ml



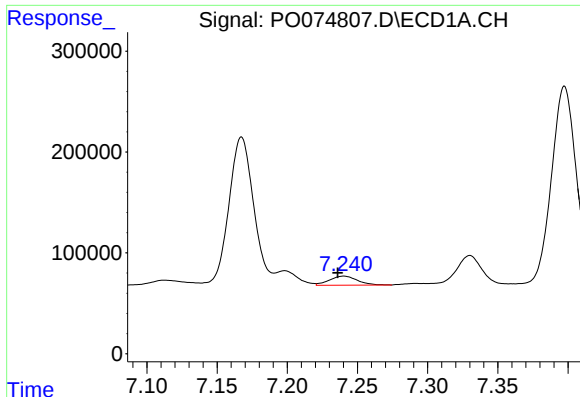
#24 AR-1248-4

R.T.: 7.198 min
Delta R.T.: 0.002 min
Response: 155360
Conc: 34.84 ng/ml



#24 AR-1248-4

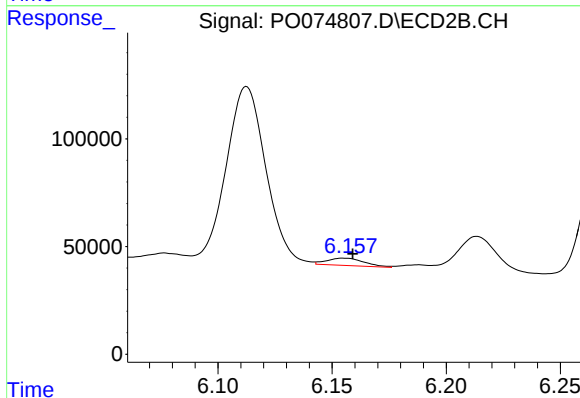
R.T.: 5.735 min
Delta R.T.: -0.005 min
Response: 63164
Conc: 28.04 ng/ml



#25 AR-1248-5

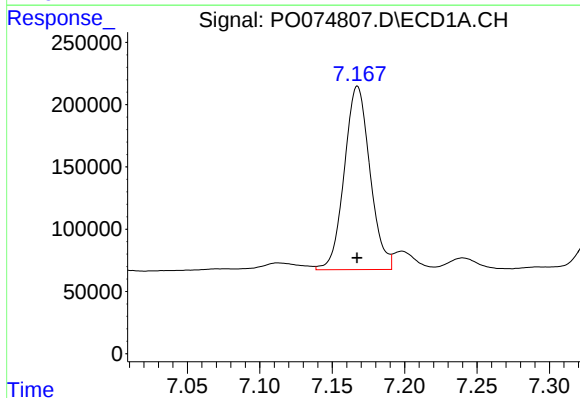
R.T.: 7.240 min
Delta R.T.: 0.004 min
Response: 123422
Conc: 29.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



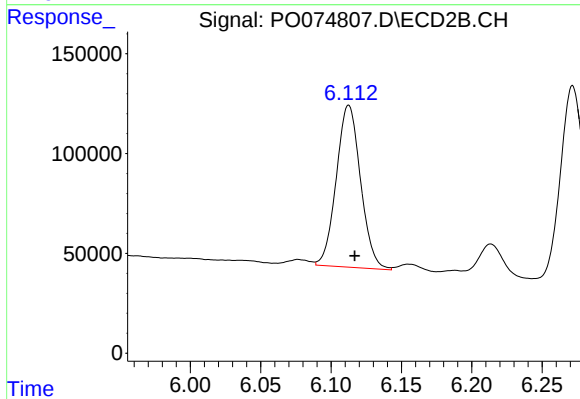
#25 AR-1248-5

R.T.: 6.155 min
Delta R.T.: -0.004 min
Response: 38782
Conc: 16.50 ng/ml



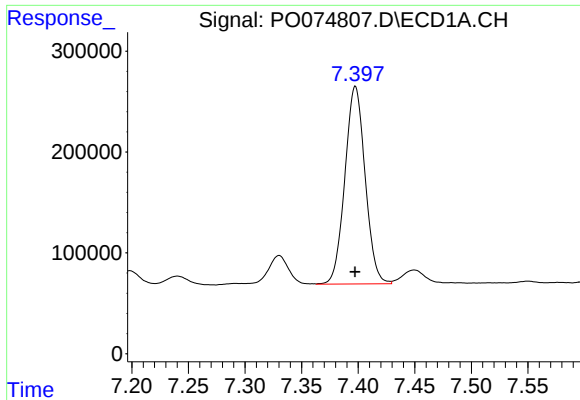
#26 AR-1254-1

R.T.: 7.167 min
Delta R.T.: 0.000 min
Response: 1818369
Conc: 413.44 ng/ml



#26 AR-1254-1

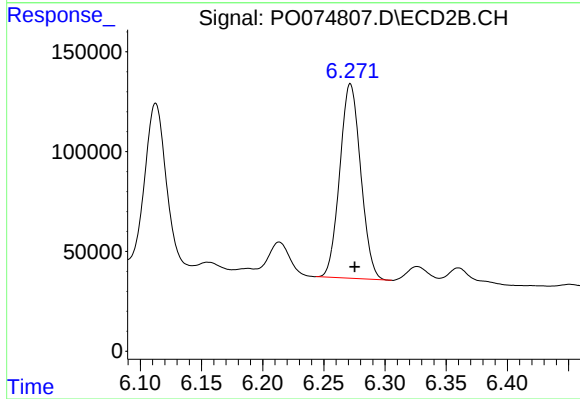
R.T.: 6.113 min
Delta R.T.: -0.004 min
Response: 973855
Conc: 269.62 ng/ml



#27 AR-1254-2

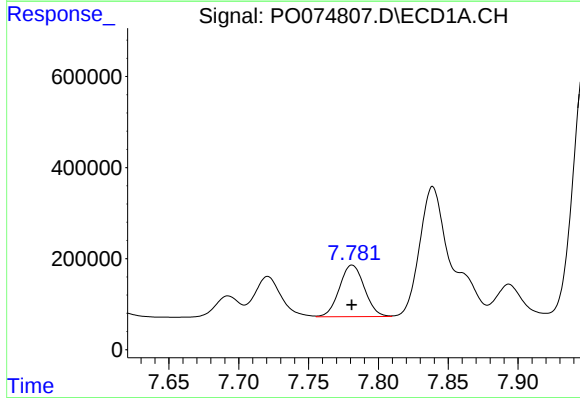
R.T.: 7.398 min
Delta R.T.: 0.000 min
Response: 2441677
Conc: 358.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



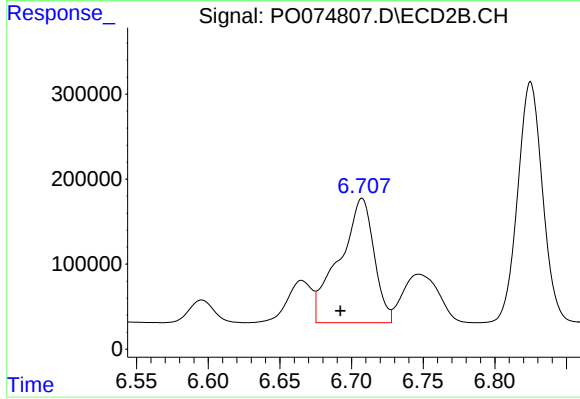
#27 AR-1254-2

R.T.: 6.272 min
Delta R.T.: -0.004 min
Response: 1160469
Conc: 372.36 ng/ml



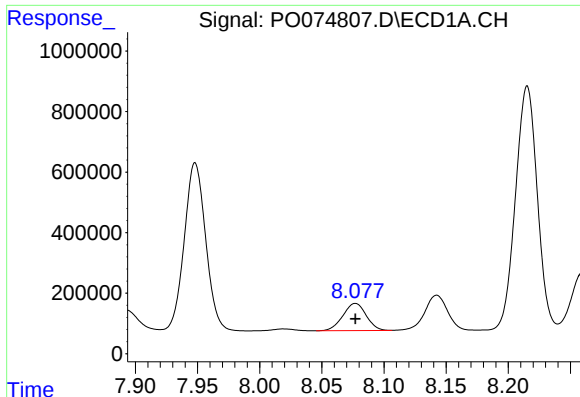
#28 AR-1254-3

R.T.: 7.781 min
Delta R.T.: 0.000 min
Response: 1410644
Conc: 201.11 ng/ml



#28 AR-1254-3

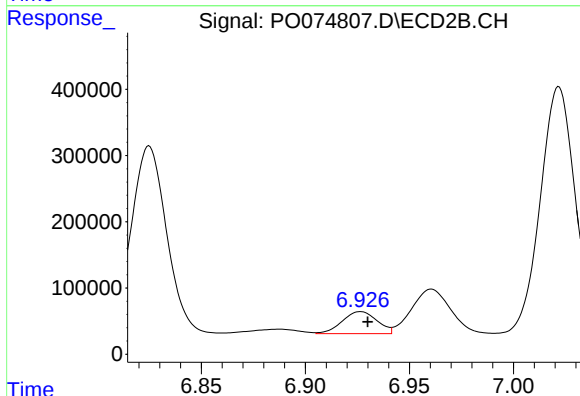
R.T.: 6.707 min
Delta R.T.: 0.015 min
Response: 2456486
Conc: 500.92 ng/ml



#29 AR-1254-4

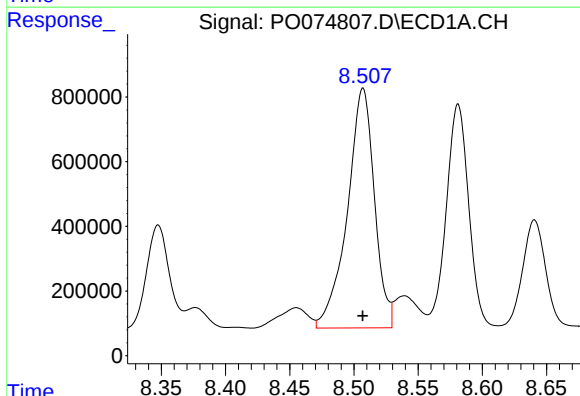
R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 1179890
Conc: 194.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



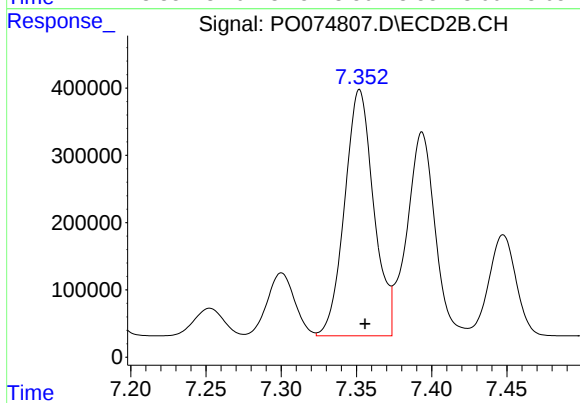
#29 AR-1254-4

R.T.: 6.927 min
Delta R.T.: -0.003 min
Response: 385640
Conc: 111.21 ng/ml



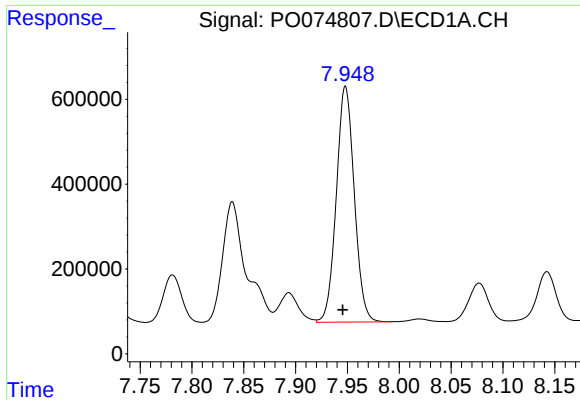
#30 AR-1254-5

R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 10877138
Conc: 1872.48 ng/ml



#30 AR-1254-5

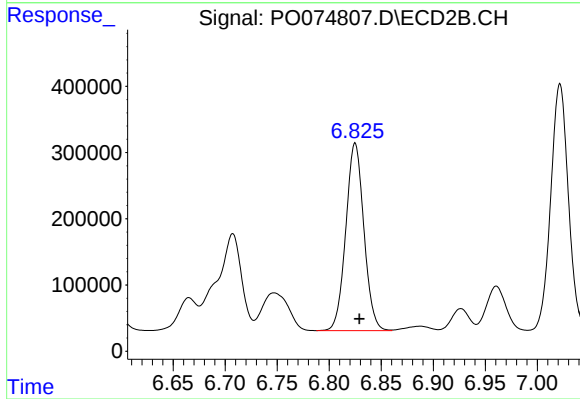
R.T.: 7.352 min
Delta R.T.: -0.004 min
Response: 4932565
Conc: 1089.84 ng/ml



#31 AR-1260-1

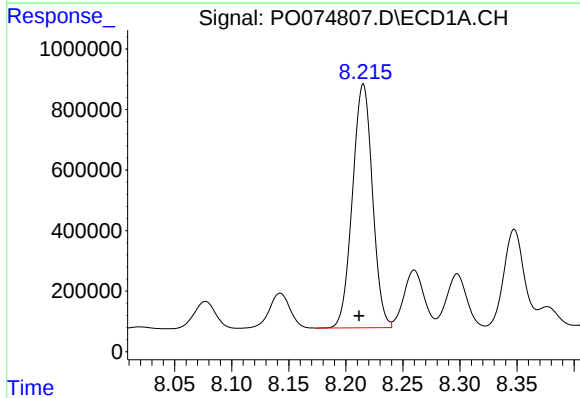
R.T.: 7.948 min
Delta R.T.: 0.002 min
Response: 6713600
Conc: 1345.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



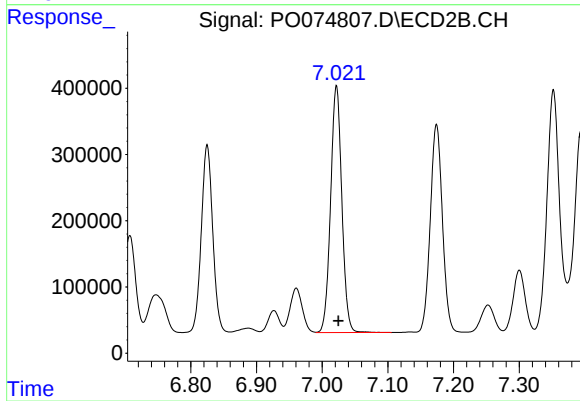
#31 AR-1260-1

R.T.: 6.825 min
Delta R.T.: -0.004 min
Response: 3422335
Conc: 1072.74 ng/ml



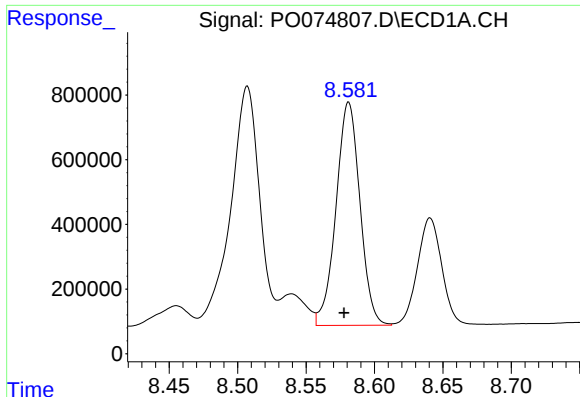
#32 AR-1260-2

R.T.: 8.215 min
Delta R.T.: 0.004 min
Response: 9818826
Conc: 1443.50 ng/ml



#32 AR-1260-2

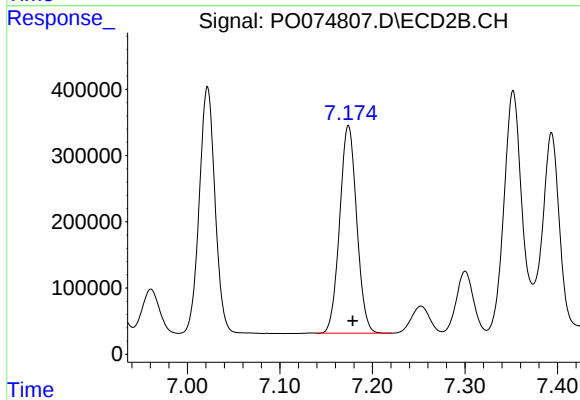
R.T.: 7.022 min
Delta R.T.: -0.003 min
Response: 4420130
Conc: 1039.77 ng/ml



#33 AR-1260-3

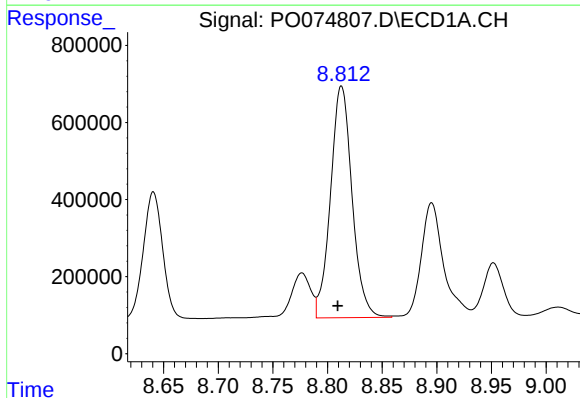
R.T.: 8.581 min
Delta R.T.: 0.003 min
Response: 8408886
Conc: 1467.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



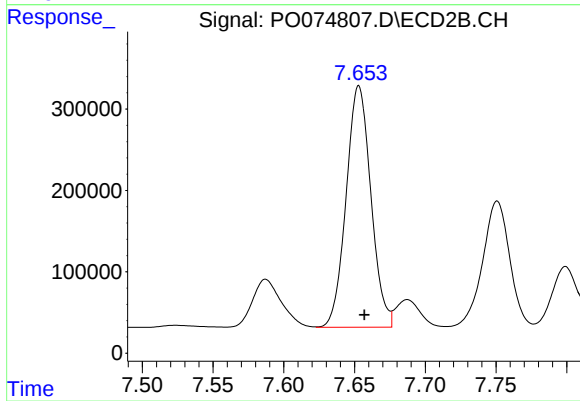
#33 AR-1260-3

R.T.: 7.174 min
Delta R.T.: -0.005 min
Response: 4011680
Conc: 1113.28 ng/ml



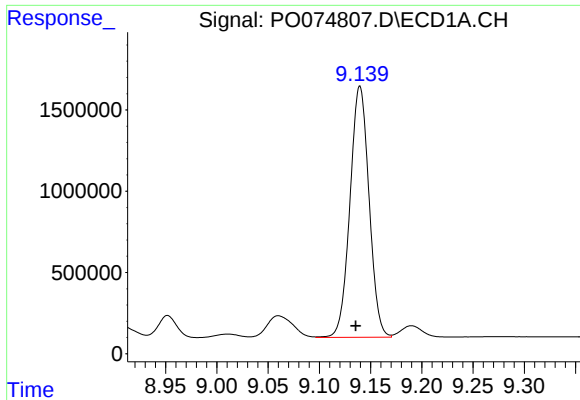
#34 AR-1260-4

R.T.: 8.813 min
Delta R.T.: 0.003 min
Response: 8269440
Conc: 1511.42 ng/ml



#34 AR-1260-4

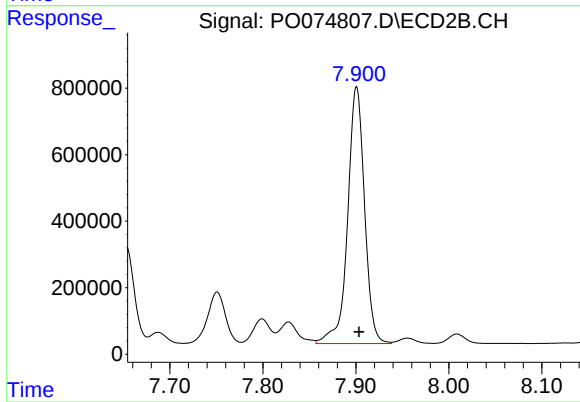
R.T.: 7.653 min
Delta R.T.: -0.004 min
Response: 3619284
Conc: 1155.83 ng/ml



#35 AR-1260-5

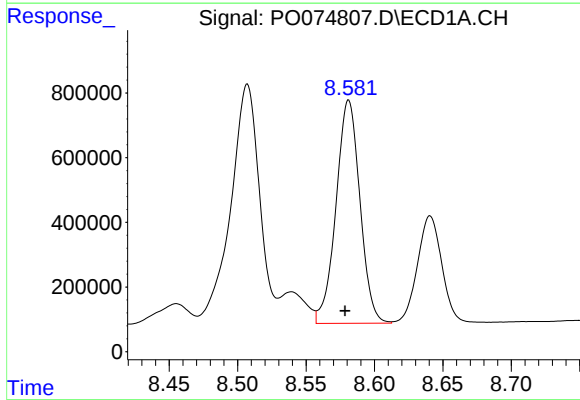
R.T.: 9.140 min
Delta R.T.: 0.004 min
Response: 20030949
Conc: 1603.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



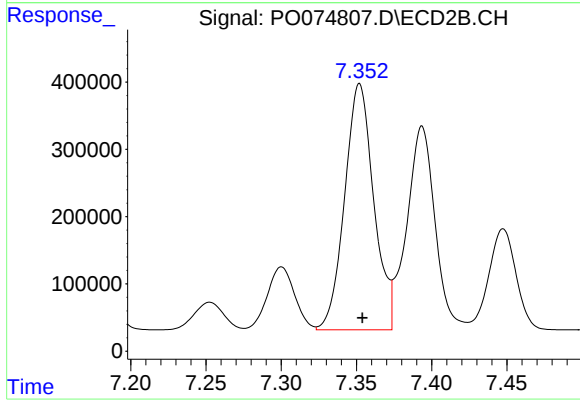
#35 AR-1260-5

R.T.: 7.901 min
Delta R.T.: -0.003 min
Response: 9752312
Conc: 1226.91 ng/ml



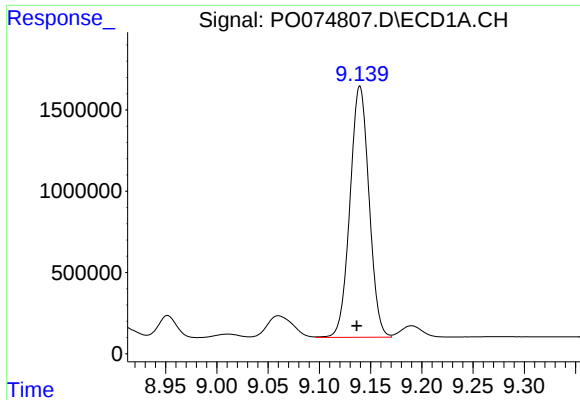
#36 AR-1262-1

R.T.: 8.581 min
Delta R.T.: 0.003 min
Response: 8408886
Conc: 944.38 ng/ml



#36 AR-1262-1

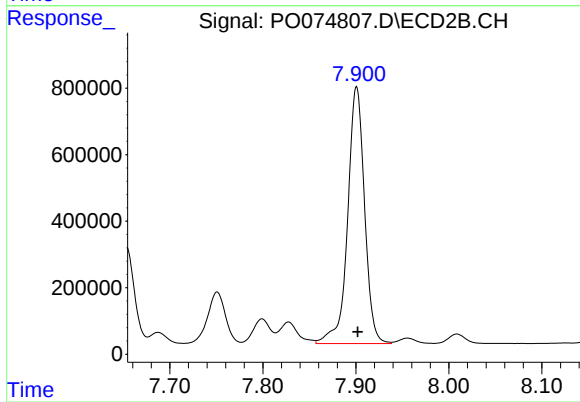
R.T.: 7.352 min
Delta R.T.: -0.002 min
Response: 4932565
Conc: 1938.46 ng/ml



#37 AR-1262-2

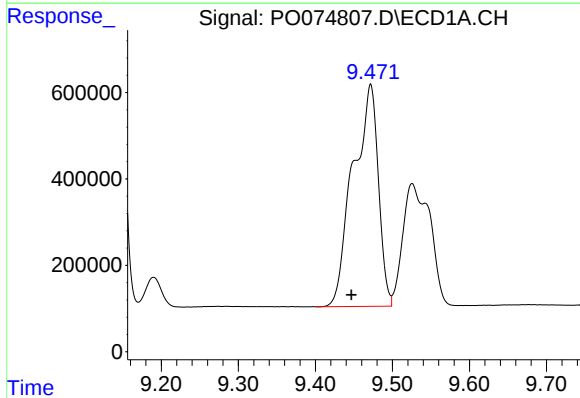
R.T.: 9.140 min
Delta R.T.: 0.003 min
Response: 20030949
Conc: 1308.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



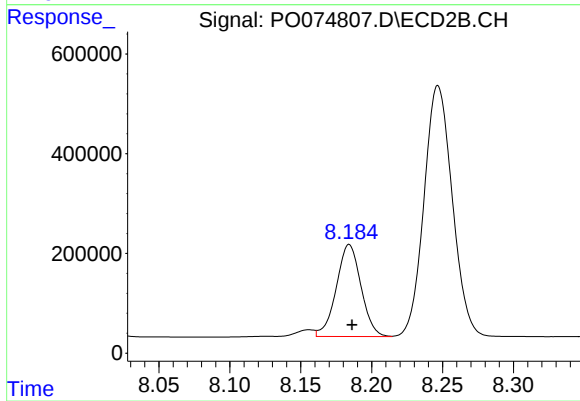
#37 AR-1262-2

R.T.: 7.901 min
Delta R.T.: -0.001 min
Response: 9752312
Conc: 1060.69 ng/ml



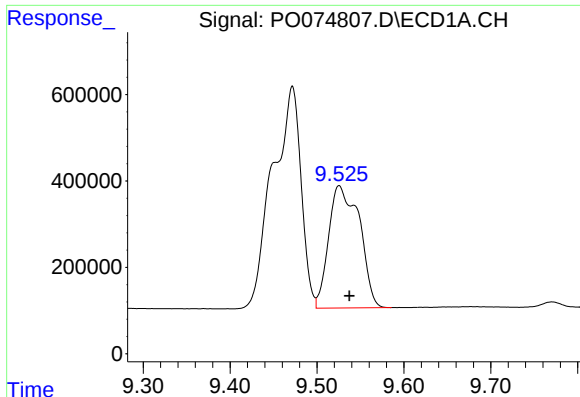
#38 AR-1262-3

R.T.: 9.472 min
Delta R.T.: 0.025 min
Response: 11709578
Conc: 1169.11 ng/ml



#38 AR-1262-3

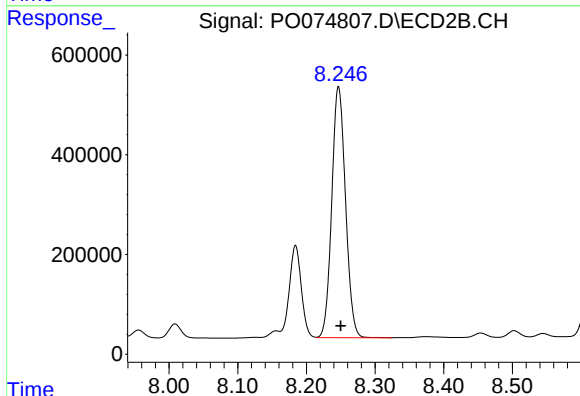
R.T.: 8.184 min
Delta R.T.: -0.002 min
Response: 2236975
Conc: 565.70 ng/ml



#39 AR-1262-4

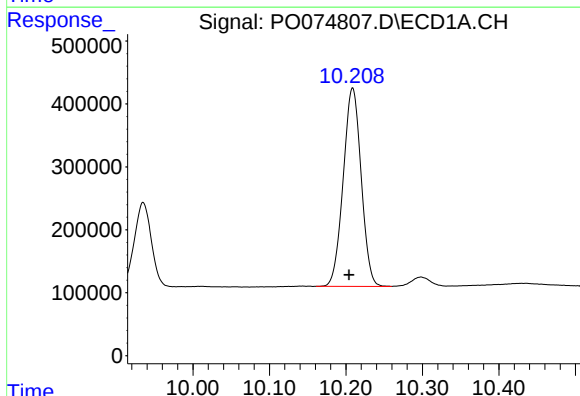
R.T.: 9.525 min
Delta R.T.: -0.012 min
Response: 6983611
Conc: 937.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



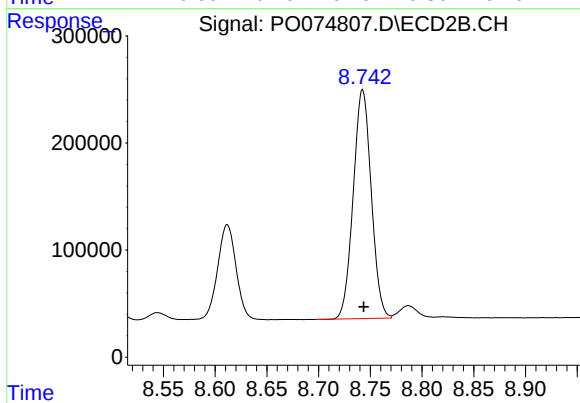
#39 AR-1262-4

R.T.: 8.247 min
Delta R.T.: -0.003 min
Response: 6992561
Conc: 1055.45 ng/ml



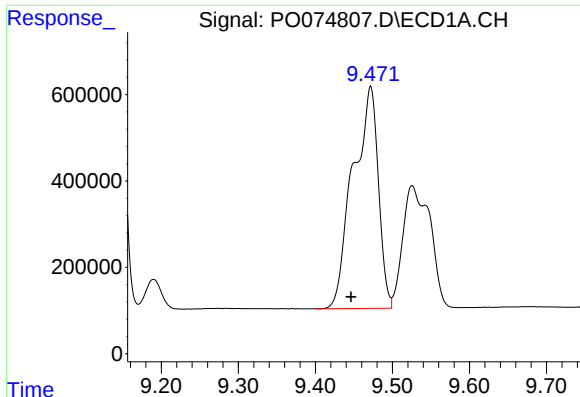
#40 AR-1262-5

R.T.: 10.209 min
Delta R.T.: 0.005 min
Response: 5151177
Conc: 984.63 ng/ml



#40 AR-1262-5

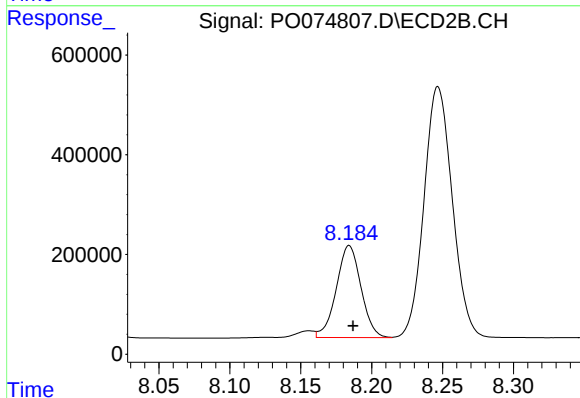
R.T.: 8.743 min
Delta R.T.: -0.001 min
Response: 2591039
Conc: 839.22 ng/ml



#41 AR-1268-1

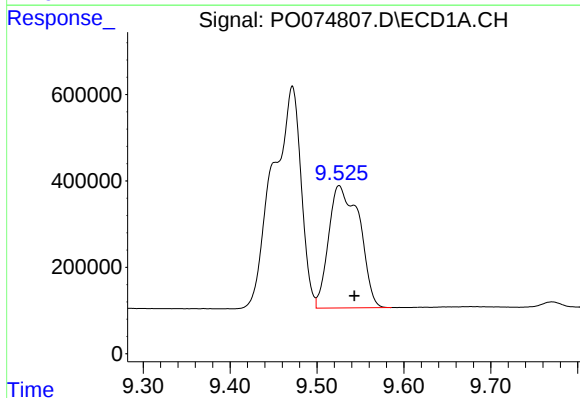
R.T.: 9.472 min
Delta R.T.: 0.025 min
Response: 11709578
Conc: 626.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



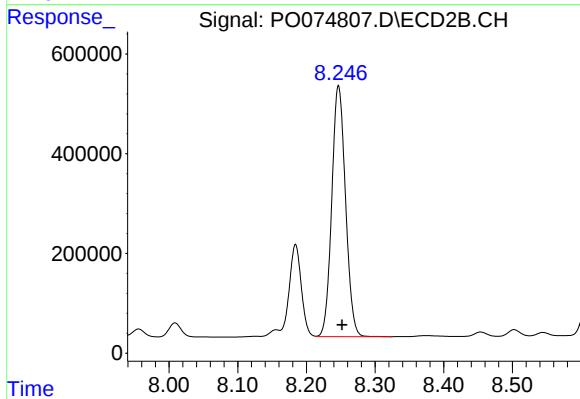
#41 AR-1268-1

R.T.: 8.184 min
Delta R.T.: -0.003 min
Response: 2236975
Conc: 199.82 ng/ml



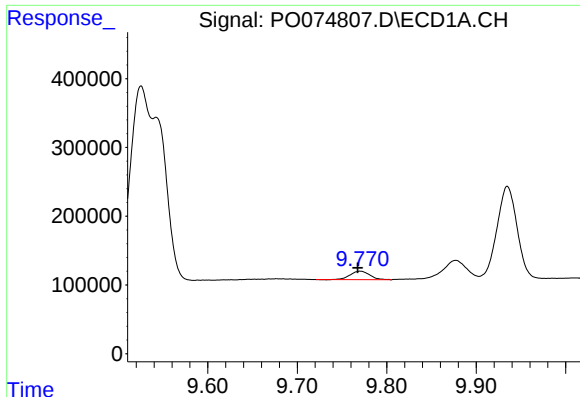
#42 AR-1268-2

R.T.: 9.525 min
Delta R.T.: -0.018 min
Response: 6983611
Conc: 437.71 ng/ml



#42 AR-1268-2

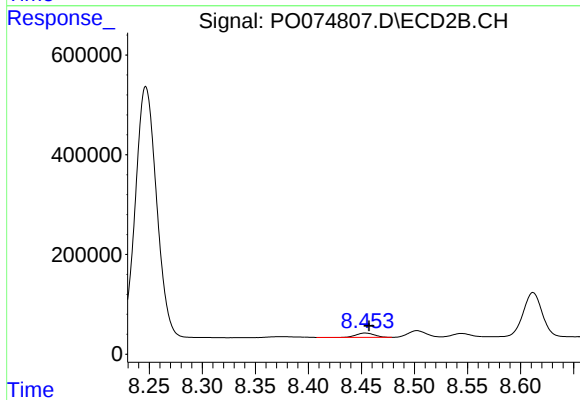
R.T.: 8.247 min
Delta R.T.: -0.005 min
Response: 6992561
Conc: 730.89 ng/ml



#43 AR-1268-3

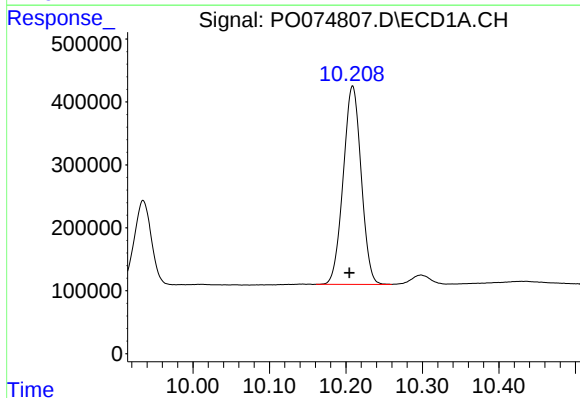
R.T.: 9.771 min
Delta R.T.: 0.003 min
Response: 189181
Conc: 13.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



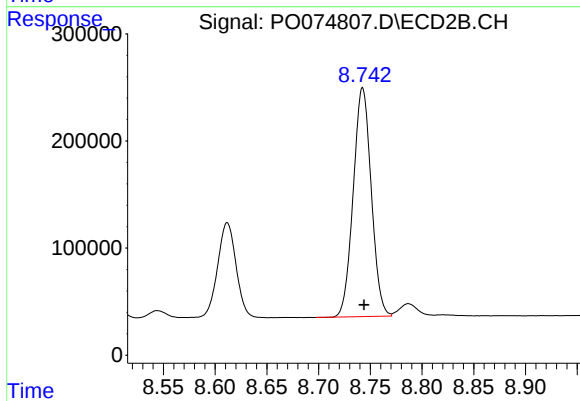
#43 AR-1268-3

R.T.: 8.454 min
Delta R.T.: -0.004 min
Response: 101718
Conc: 12.24 ng/ml



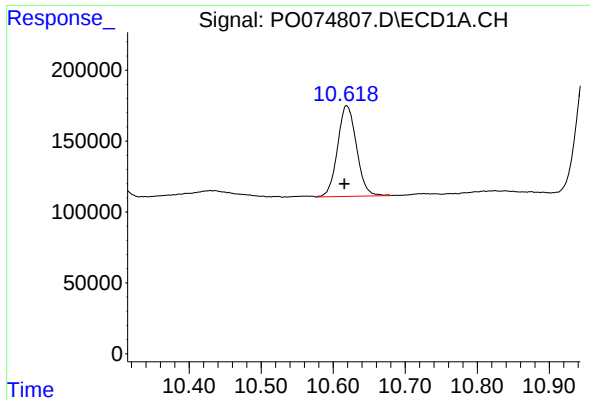
#44 AR-1268-4

R.T.: 10.209 min
Delta R.T.: 0.004 min
Response: 5151177
Conc: 879.26 ng/ml



#44 AR-1268-4

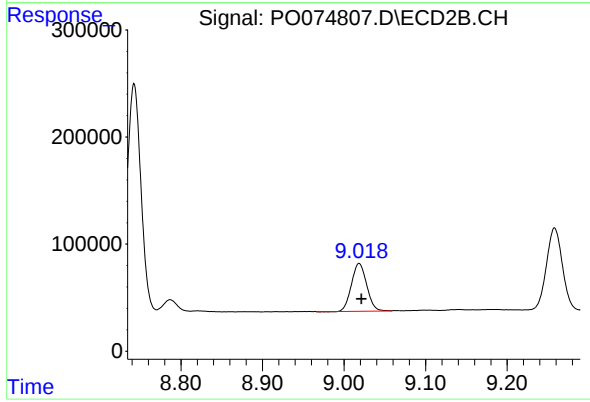
R.T.: 8.743 min
Delta R.T.: -0.001 min
Response: 2591039
Conc: 746.88 ng/ml



#45 AR-1268-5

R.T.: 10.619 min
Delta R.T.: 0.003 min
Response: 1169154
Conc: 27.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.018 min
Delta R.T.: -0.003 min
Response: 579789
Conc: 24.49 ng/ml