

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0122120\
 Data File : P0073994.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Dec 2020 21:13
 Operator : DD\AJ
 Sample : L5163-15
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 S21-04-A

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 02:23:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0121020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 11 03:58:06 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...	4.937	3.997	1317994	790079	14.416	14.730
2)	SA Decachlor...	10.963	9.262	6740887	3705856	81.569	79.201
Target Compounds							
3)	L1 AR-1016-1	6.262	5.265	30943	62150	8.806	28.452 #
4)	L1 AR-1016-2	6.285	5.265	61769	62150	12.638	20.538 #
6)	L1 AR-1016-4	6.460	5.507	29571	122540	11.998	92.925 #
7)	L1 AR-1016-5	6.775	5.733	93831	78143	39.520	47.690
8)	L2 AR-1221-1	5.193	0.000	24043	0	22.692	N.D. #
9)	L2 AR-1221-2	5.292	0.000	17436	0	22.198	N.D. #
10)	L2 AR-1221-3	5.390	0.000	20215	0	8.310	N.D. #
11)	L3 AR-1232-1	5.390	0.000	20215	0	9.804	N.D. #
12)	L3 AR-1232-2	0.000	5.265	0	62150	N.D.	46.768 #
13)	L3 AR-1232-3	6.285	0.000	61769	0	28.784	N.D. #
14)	L3 AR-1232-4	6.460	5.550	29571	43710	27.767	71.611 #
15)	L3 AR-1232-5	6.556	5.733	152311	78143	212.729	116.925 #
16)	L4 AR-1242-1	6.262	5.265	30943	62150	10.918	35.336 #
17)	L4 AR-1242-2	6.285	5.265	61769	62150	15.860	25.411 #
18)	L4 AR-1242-3	6.407f	0.000	20036	0	8.447	N.D. #
19)	L4 AR-1242-4	6.460	5.550	29571	43710	15.002	34.926 #
20)	L4 AR-1242-5	7.246	6.111	227653	549278	104.245	322.234 #
21)	L5 AR-1248-1	6.262	5.265	30943	62150	14.241	45.392 #
22)	L5 AR-1248-2	6.556	5.507	152311	122540	54.503	66.045
23)	L5 AR-1248-3	6.775	5.550	93831	43710	28.651	23.298
24)	L5 AR-1248-4	7.205	5.733	241729	78143	60.445	34.717 #
25)	L5 AR-1248-5	7.246	6.154	227653	86401	60.198	37.186 #
26)	L6 AR-1254-1	7.174	6.111	653880	549278	172.265	155.424
27)	L6 AR-1254-2	7.405	6.270	1462252	848345	248.016	271.730
28)	L6 AR-1254-3	7.787	6.687	1717415	1537955	280.294	314.125
29)	L6 AR-1254-4	8.085	6.925	1775699	1273584	338.486	363.149
30)	L6 AR-1254-5	8.514	7.352	3487398	2791747	677.095	633.103
31)	L7 AR-1260-1	7.955	6.823	1173598	1046315	277.680	338.471
32)	L7 AR-1260-2	8.221	7.020	1775542	1280439	316.056	315.650
33)	L7 AR-1260-3	8.588	7.172	4041439	1150150	884.123	329.526 #
34)	L7 AR-1260-4	8.835	7.652	8656133	5766430	1828.341	1909.576
35)	L7 AR-1260-5	9.146	7.900	1913972	1474054	191.785	197.328
36)	L8 AR-1262-1	8.588	7.352	4041439	2791747	539.853	1116.788 #
37)	L8 AR-1262-2	9.146	7.900	1913972	1474054	149.227	167.575
38)	L8 AR-1262-3	9.458	8.186	32460297	21340700	3826.135	5901.935 #
39)	L8 AR-1262-4	9.554	8.250	21337984	14267729	6379.911	2318.796 #
40)	L8 AR-1262-5	10.218	8.743	5731633	3451464	1268.060	1212.329
41)	L9 AR-1268-1	9.458	8.186	32460297	21340700	2279.014	2217.554
42)	L9 AR-1268-2	9.554	8.250	21337984	14267729	1730.995	1731.813
43)	L9 AR-1268-3	9.779	8.456	23250649	14722453	2142.302	2085.077

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Acq On : 21 Dec 2020 21:13
Operator : DD\AJ
Sample : L5163-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

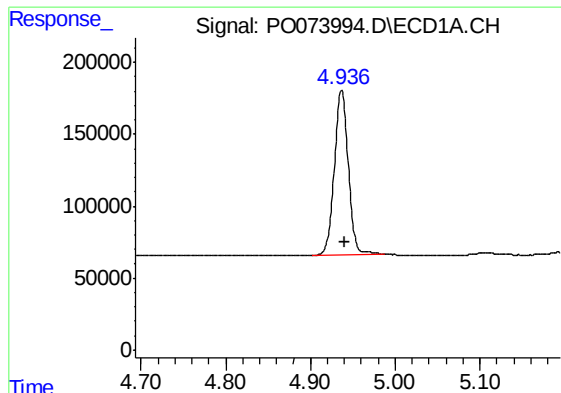
Instrument :
ECD_O
ClientSampleId :
S21-04-A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 22 02:23:13 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0121020.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Dec 11 03:58:06 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
44)	L9 AR-1268-4	10.218	8.743	5731633	3451464	1223.528	1166.029
45)	L9 AR-1268-5	10.630	9.021	62516782	36319663	1910.298	1807.840

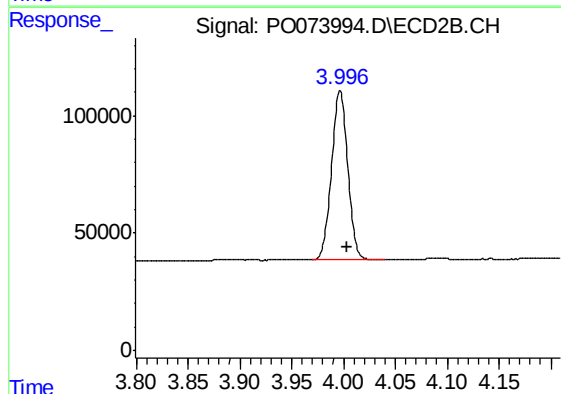
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

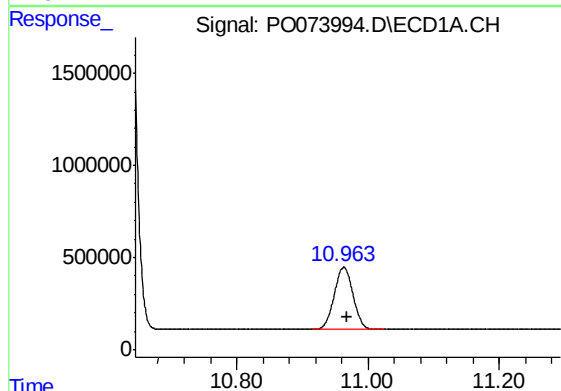
R.T.: 4.937 min
Delta R.T.: -0.004 min
Response: 1317994
Conc: 14.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
S21-04-A



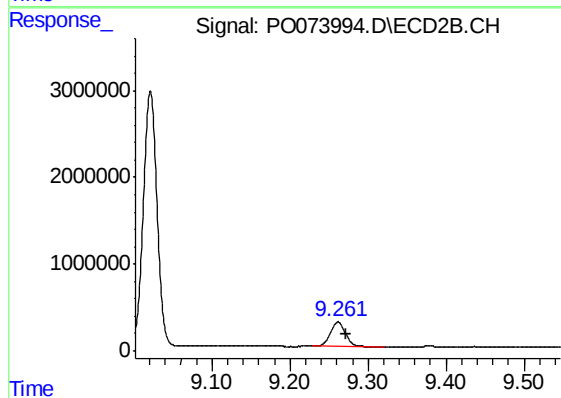
#1 Tetrachloro-m-xylene

R.T.: 3.997 min
Delta R.T.: -0.006 min
Response: 790079
Conc: 14.73 ng/ml



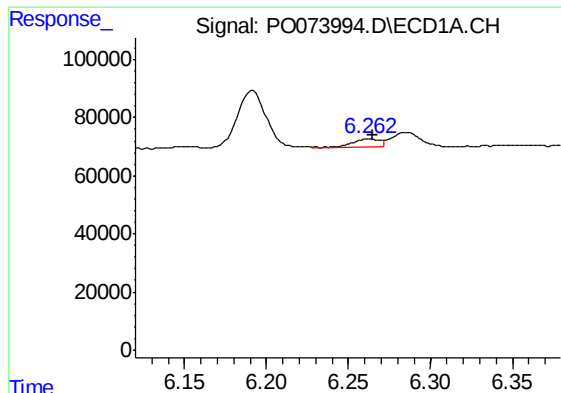
#2 Decachlorobiphenyl

R.T.: 10.963 min
Delta R.T.: -0.005 min
Response: 6740887
Conc: 81.57 ng/ml



#2 Decachlorobiphenyl

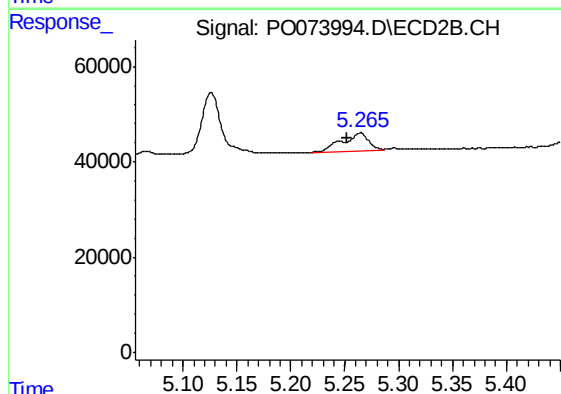
R.T.: 9.262 min
Delta R.T.: -0.010 min
Response: 3705856
Conc: 79.20 ng/ml



#3 AR-1016-1

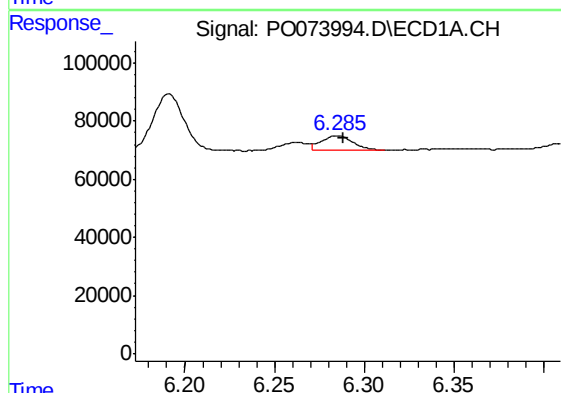
R.T.: 6.262 min
Delta R.T.: -0.002 min
Response: 30943
Conc: 8.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
S21-04-A



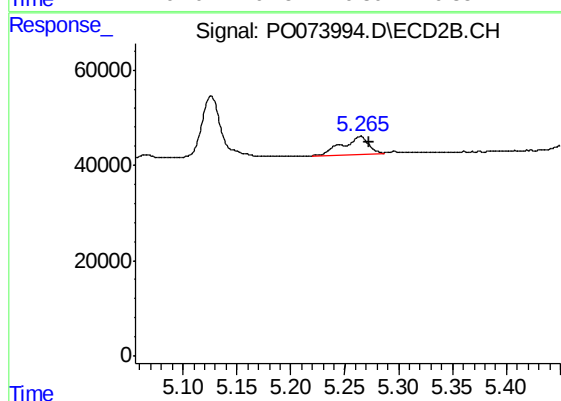
#3 AR-1016-1

R.T.: 5.265 min
Delta R.T.: 0.013 min
Response: 62150
Conc: 28.45 ng/ml



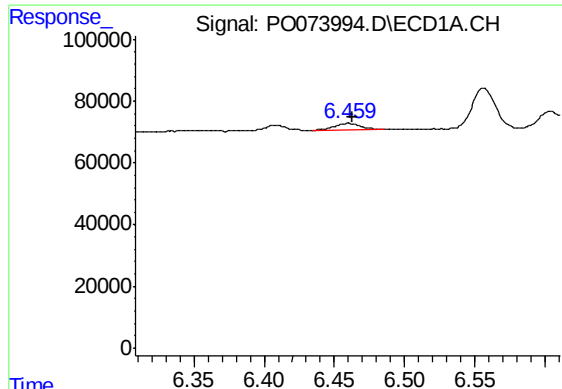
#4 AR-1016-2

R.T.: 6.285 min
Delta R.T.: -0.003 min
Response: 61769
Conc: 12.64 ng/ml



#4 AR-1016-2

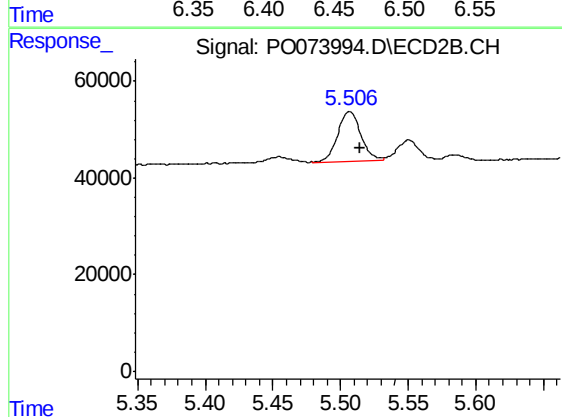
R.T.: 5.265 min
Delta R.T.: -0.008 min
Response: 62150
Conc: 20.54 ng/ml



#6 AR-1016-4

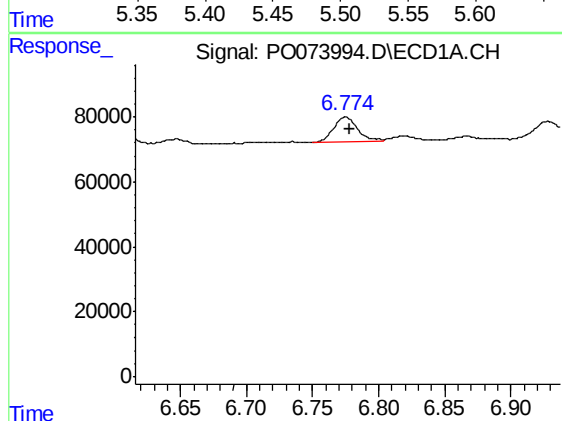
R.T.: 6.460 min
Delta R.T.: -0.002 min
Response: 29571
Conc: 12.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
S21-04-A



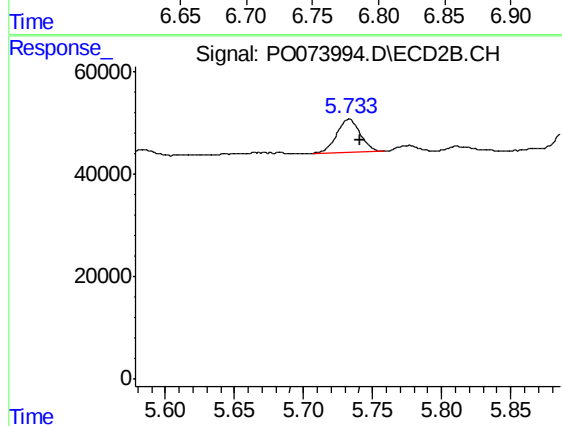
#6 AR-1016-4

R.T.: 5.507 min
Delta R.T.: -0.008 min
Response: 122540
Conc: 92.92 ng/ml



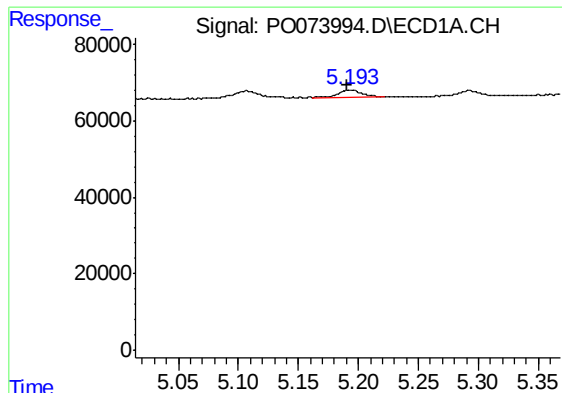
#7 AR-1016-5

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 93831
Conc: 39.52 ng/ml



#7 AR-1016-5

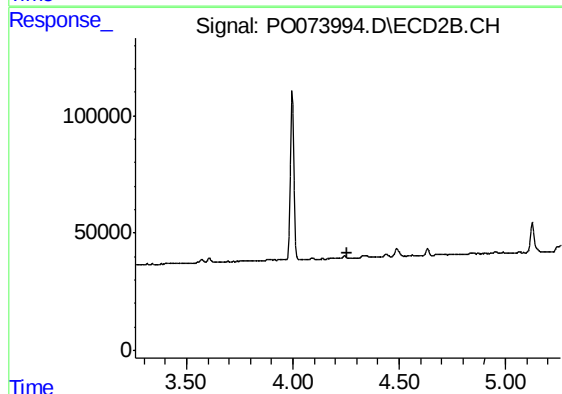
R.T.: 5.733 min
Delta R.T.: -0.008 min
Response: 78143
Conc: 47.69 ng/ml



#8 AR-1221-1

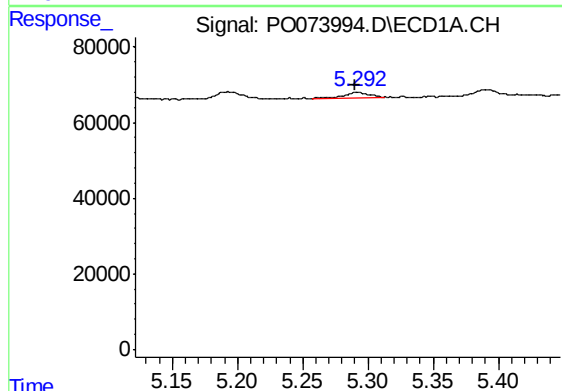
R.T.: 5.193 min
Delta R.T.: 0.002 min
Response: 24043
Conc: 22.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
S21-04-A



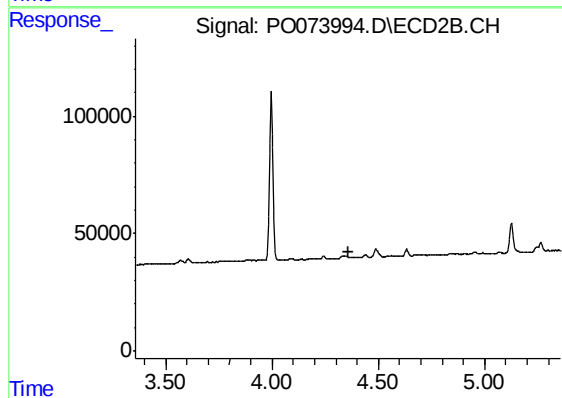
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.259 min
Response: 0
Conc: N.D.



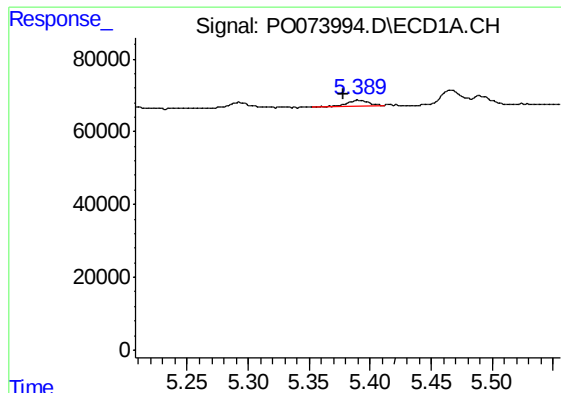
#9 AR-1221-2

R.T.: 5.292 min
Delta R.T.: 0.002 min
Response: 17436
Conc: 22.20 ng/ml



#9 AR-1221-2

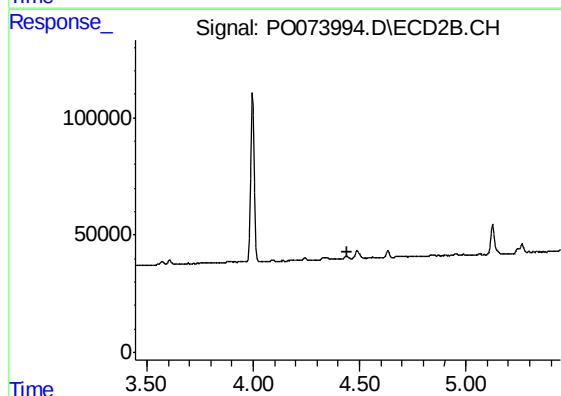
R.T.: 0.000 min
Exp R.T. : 4.357 min
Response: 0
Conc: N.D.



#10 AR-1221-3

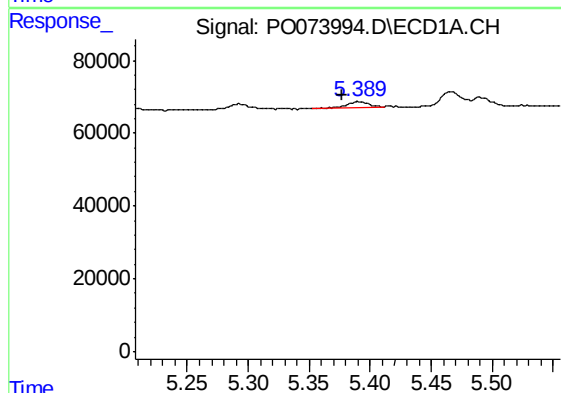
R.T.: 5.390 min
Delta R.T.: 0.012 min
Response: 20215
Conc: 8.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
S21-04-A



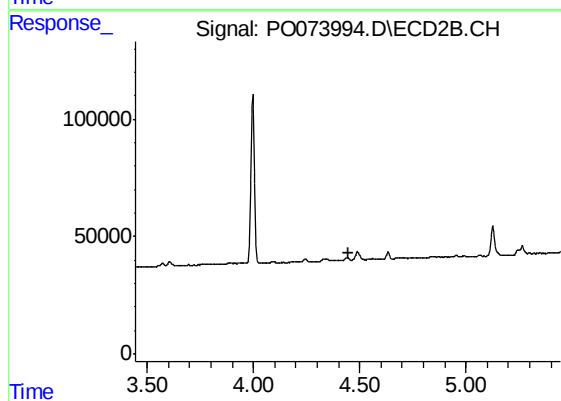
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.445 min
Response: 0
Conc: N.D.



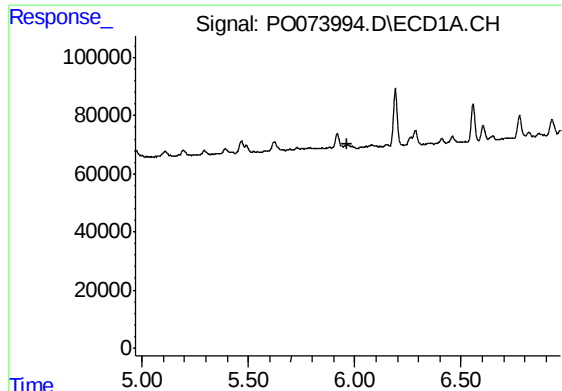
#11 AR-1232-1

R.T.: 5.390 min
Delta R.T.: 0.013 min
Response: 20215
Conc: 9.80 ng/ml



#11 AR-1232-1

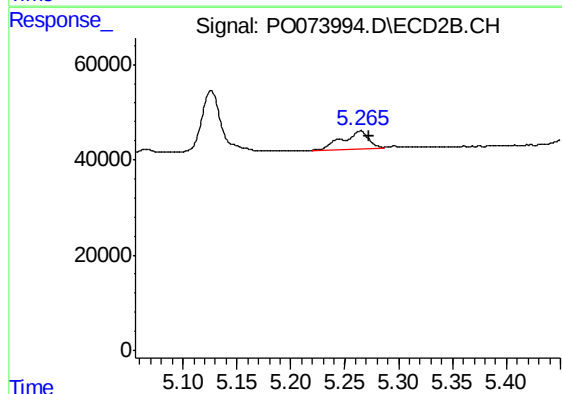
R.T.: 0.000 min
Exp R.T. : 4.445 min
Response: 0
Conc: N.D.



#12 AR-1232-2

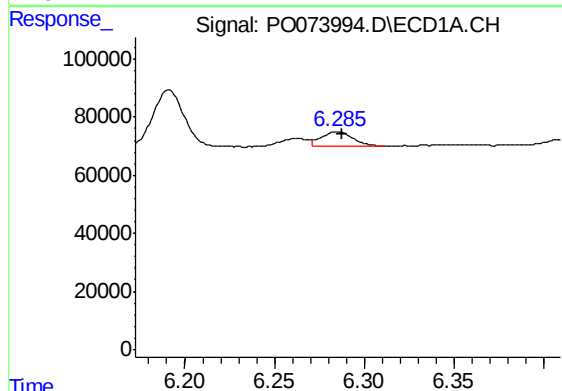
R.T.: 0.000 min
Exp R.T. : 5.968 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
S21-04-A



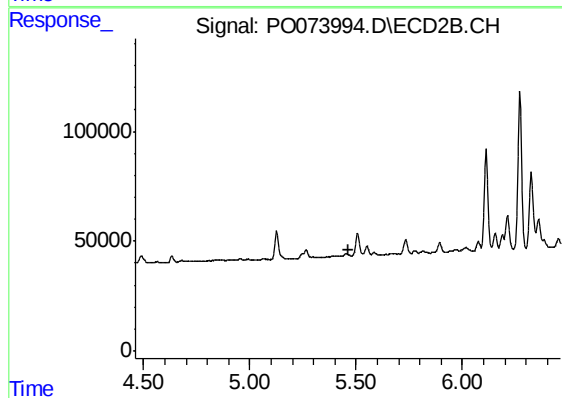
#12 AR-1232-2

R.T.: 5.265 min
Delta R.T.: -0.007 min
Response: 62150
Conc: 46.77 ng/ml



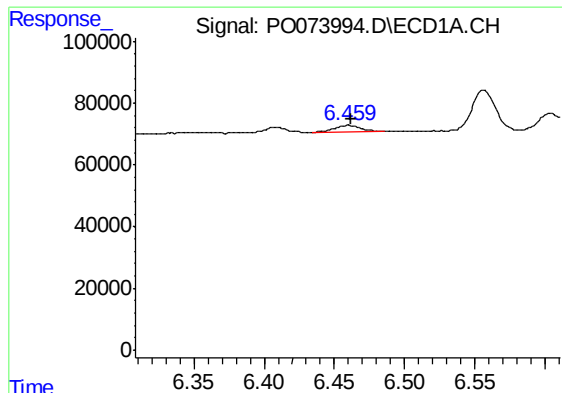
#13 AR-1232-3

R.T.: 6.285 min
Delta R.T.: -0.002 min
Response: 61769
Conc: 28.78 ng/ml



#13 AR-1232-3

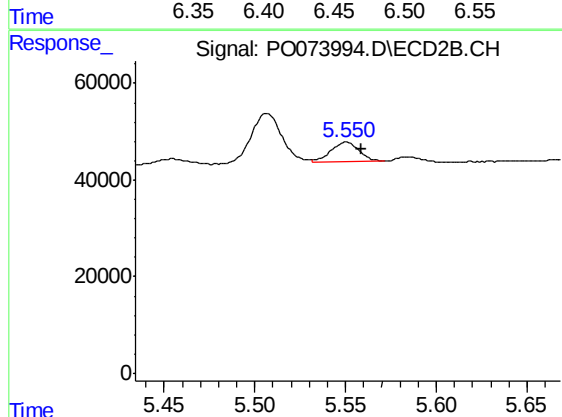
R.T.: 0.000 min
Exp R.T. : 5.462 min
Response: 0
Conc: N.D.



#14 AR-1232-4

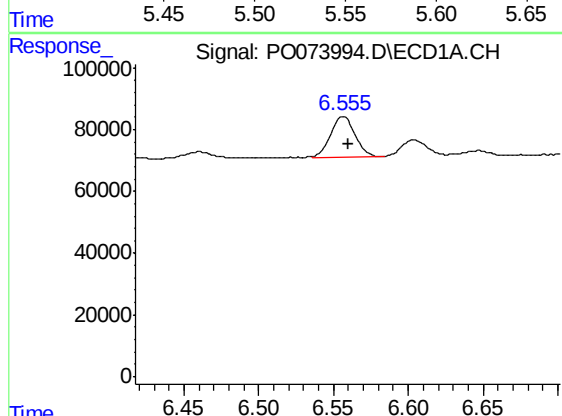
R.T.: 6.460 min
Delta R.T.: -0.002 min
Response: 29571
Conc: 27.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
S21-04-A



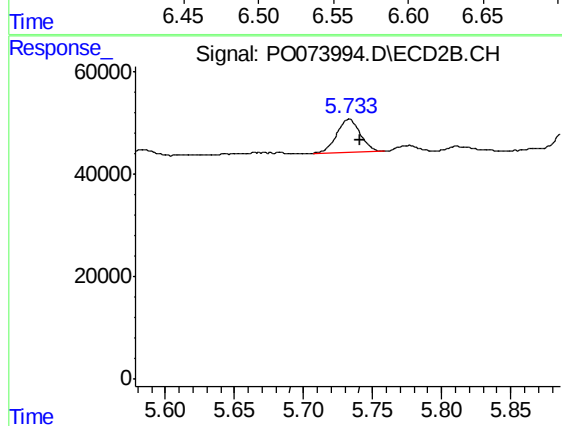
#14 AR-1232-4

R.T.: 5.550 min
Delta R.T.: -0.008 min
Response: 43710
Conc: 71.61 ng/ml



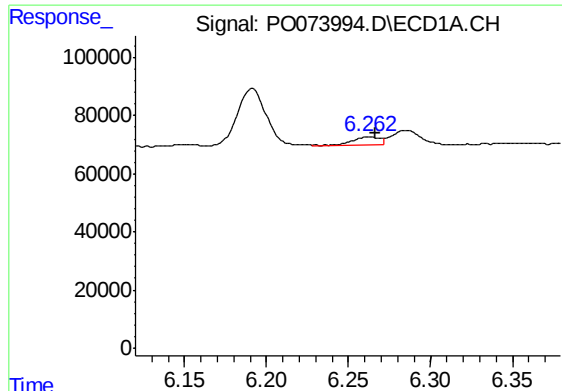
#15 AR-1232-5

R.T.: 6.556 min
Delta R.T.: -0.004 min
Response: 152311
Conc: 212.73 ng/ml



#15 AR-1232-5

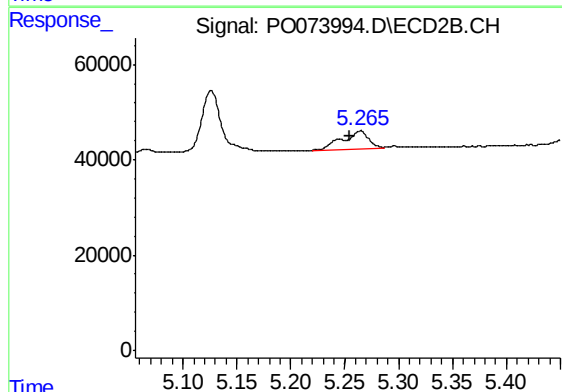
R.T.: 5.733 min
Delta R.T.: -0.008 min
Response: 78143
Conc: 116.92 ng/ml



#16 AR-1242-1

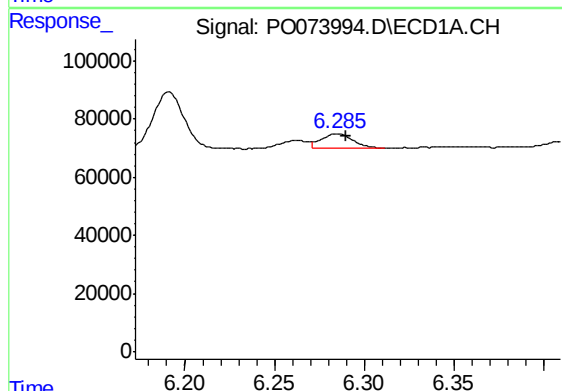
R.T.: 6.262 min
Delta R.T.: -0.004 min
Response: 30943
Conc: 10.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
S21-04-A



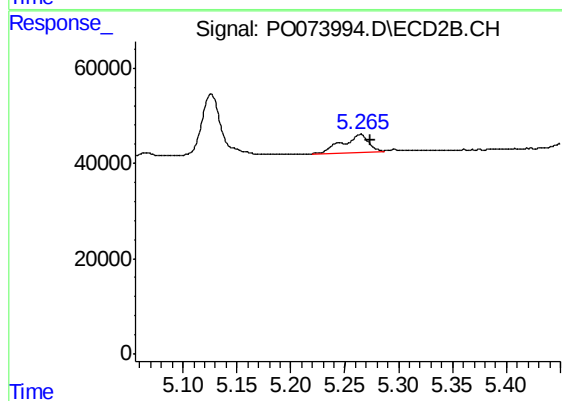
#16 AR-1242-1

R.T.: 5.265 min
Delta R.T.: 0.011 min
Response: 62150
Conc: 35.34 ng/ml



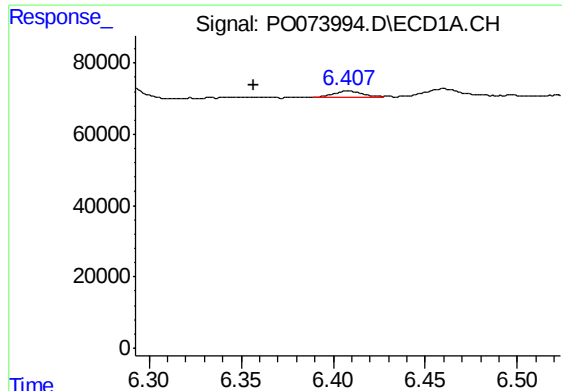
#17 AR-1242-2

R.T.: 6.285 min
Delta R.T.: -0.005 min
Response: 61769
Conc: 15.86 ng/ml



#17 AR-1242-2

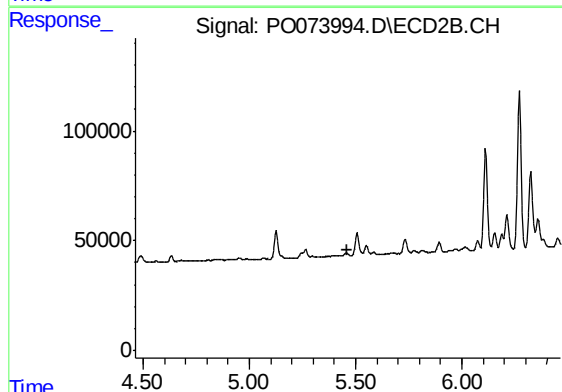
R.T.: 5.265 min
Delta R.T.: -0.009 min
Response: 62150
Conc: 25.41 ng/ml



#18 AR-1242-3

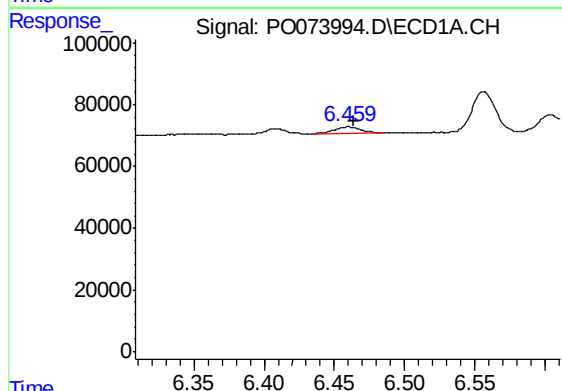
R.T.: 6.407 min
Delta R.T.: 0.051 min
Response: 20036
Conc: 8.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
S21-04-A



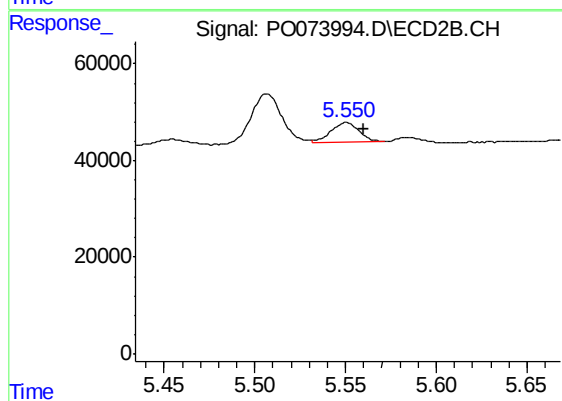
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.464 min
Response: 0
Conc: N.D.



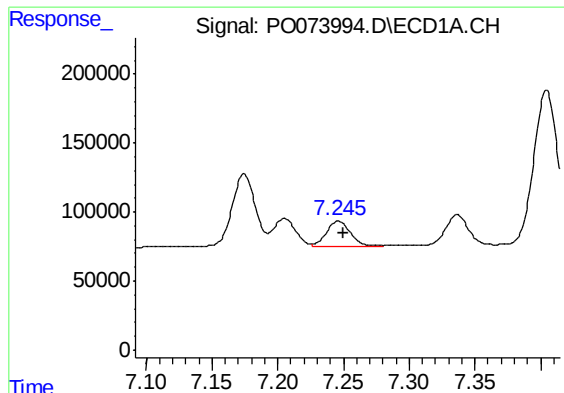
#19 AR-1242-4

R.T.: 6.460 min
Delta R.T.: -0.004 min
Response: 29571
Conc: 15.00 ng/ml



#19 AR-1242-4

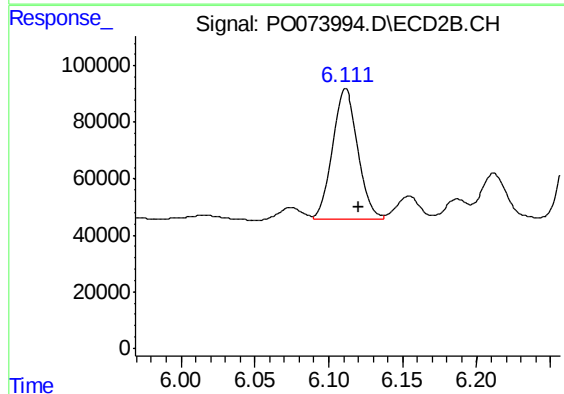
R.T.: 5.550 min
Delta R.T.: -0.010 min
Response: 43710
Conc: 34.93 ng/ml



#20 AR-1242-5

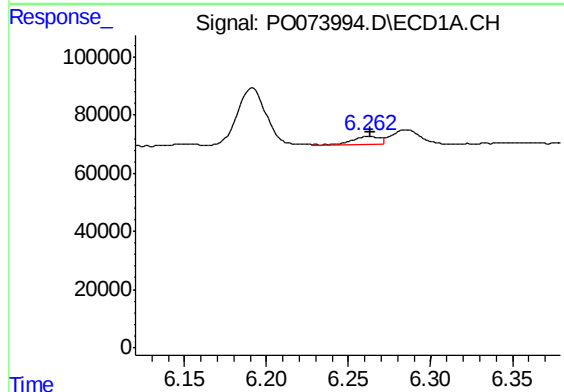
R.T.: 7.246 min
Delta R.T.: -0.004 min
Response: 227653
Conc: 104.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
S21-04-A



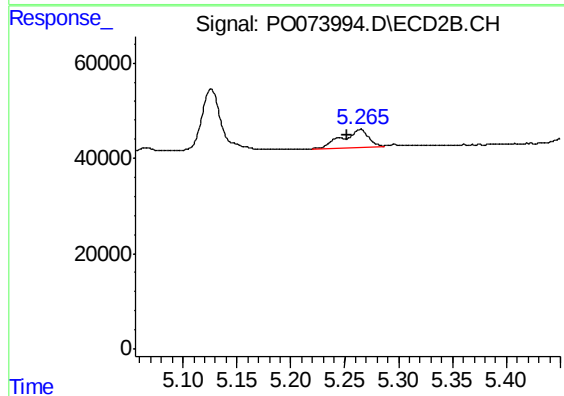
#20 AR-1242-5

R.T.: 6.111 min
Delta R.T.: -0.009 min
Response: 549278
Conc: 322.23 ng/ml



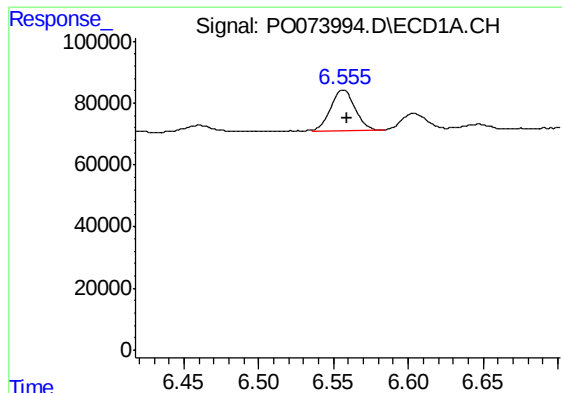
#21 AR-1248-1

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 30943
Conc: 14.24 ng/ml



#21 AR-1248-1

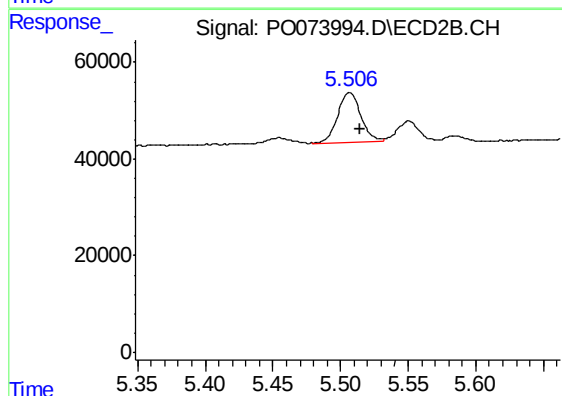
R.T.: 5.265 min
Delta R.T.: 0.013 min
Response: 62150
Conc: 45.39 ng/ml



#22 AR-1248-2

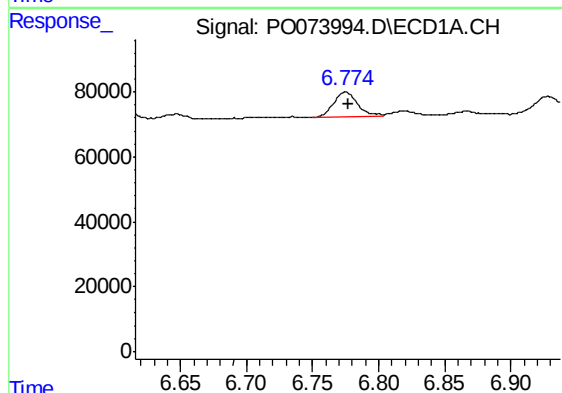
R.T.: 6.556 min
Delta R.T.: -0.003 min
Response: 152311
Conc: 54.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
S21-04-A



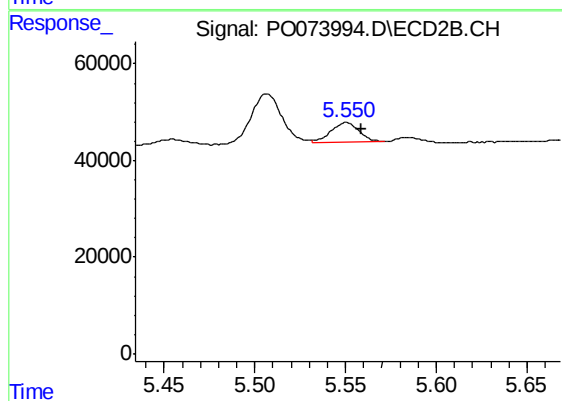
#22 AR-1248-2

R.T.: 5.507 min
Delta R.T.: -0.008 min
Response: 122540
Conc: 66.05 ng/ml



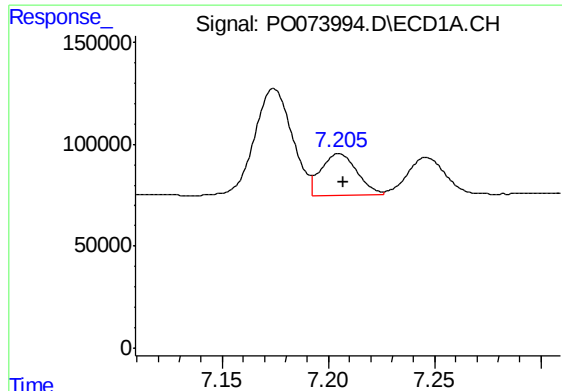
#23 AR-1248-3

R.T.: 6.775 min
Delta R.T.: -0.003 min
Response: 93831
Conc: 28.65 ng/ml



#23 AR-1248-3

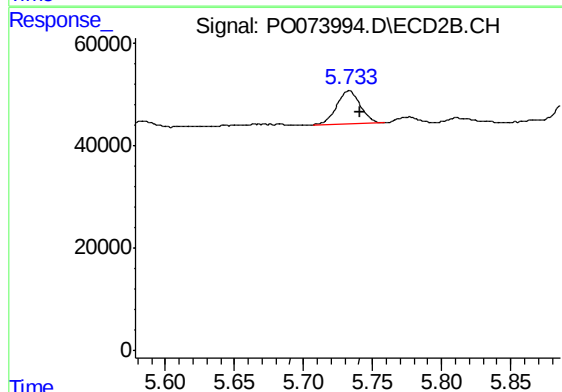
R.T.: 5.550 min
Delta R.T.: -0.008 min
Response: 43710
Conc: 23.30 ng/ml



#24 AR-1248-4

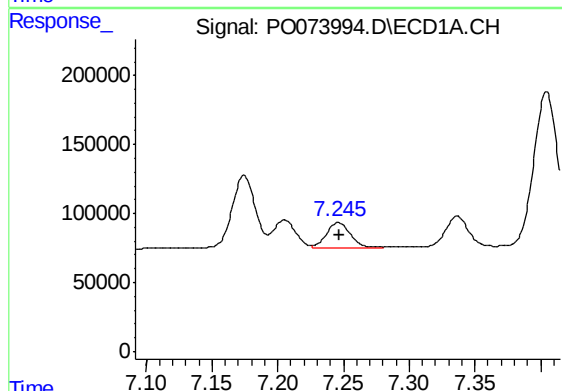
R.T.: 7.205 min
Delta R.T.: -0.002 min
Response: 241729
Conc: 60.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
S21-04-A



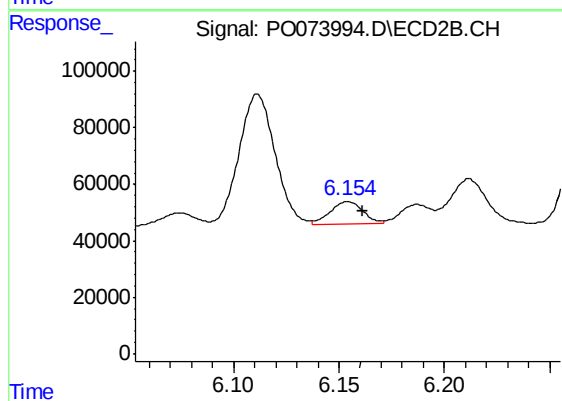
#24 AR-1248-4

R.T.: 5.733 min
Delta R.T.: -0.008 min
Response: 78143
Conc: 34.72 ng/ml



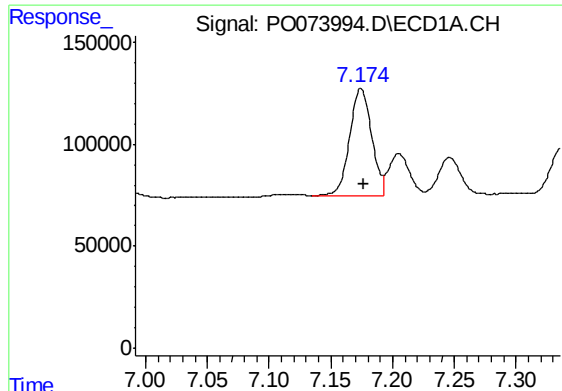
#25 AR-1248-5

R.T.: 7.246 min
Delta R.T.: -0.001 min
Response: 227653
Conc: 60.20 ng/ml



#25 AR-1248-5

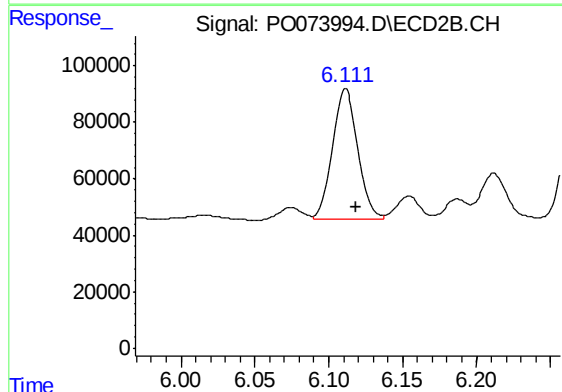
R.T.: 6.154 min
Delta R.T.: -0.007 min
Response: 86401
Conc: 37.19 ng/ml



#26 AR-1254-1

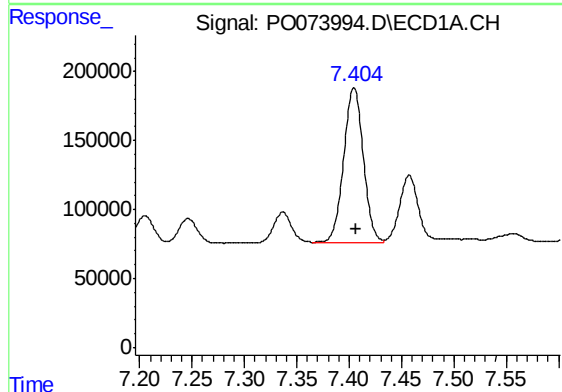
R.T.: 7.174 min
Delta R.T.: -0.003 min
Response: 653880
Conc: 172.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
S21-04-A



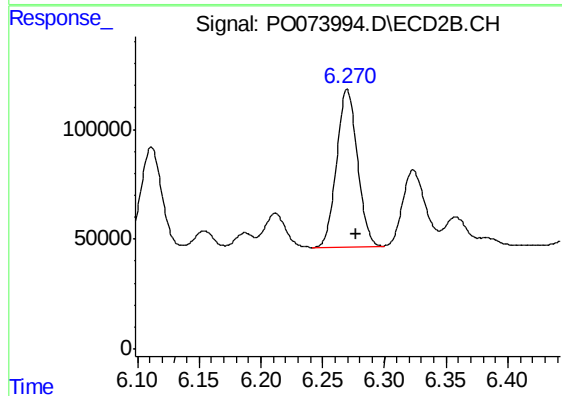
#26 AR-1254-1

R.T.: 6.111 min
Delta R.T.: -0.007 min
Response: 549278
Conc: 155.42 ng/ml



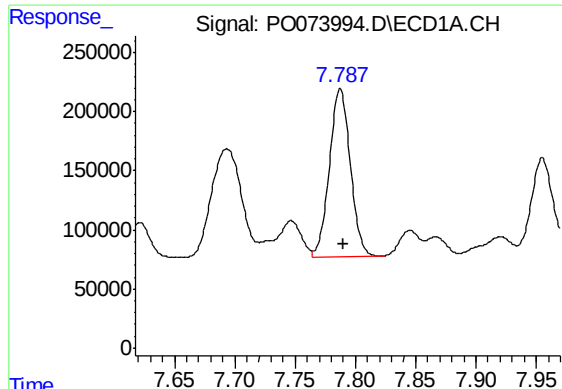
#27 AR-1254-2

R.T.: 7.405 min
Delta R.T.: -0.003 min
Response: 1462252
Conc: 248.02 ng/ml



#27 AR-1254-2

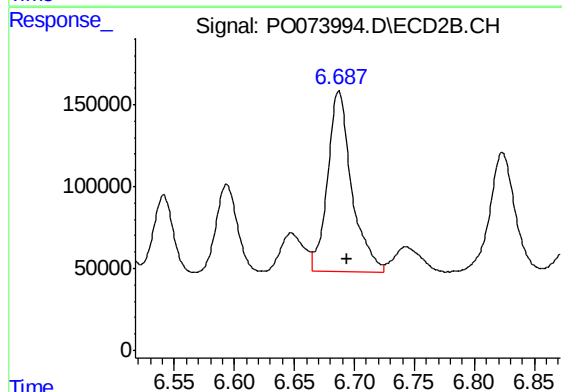
R.T.: 6.270 min
Delta R.T.: -0.007 min
Response: 848345
Conc: 271.73 ng/ml



#28 AR-1254-3

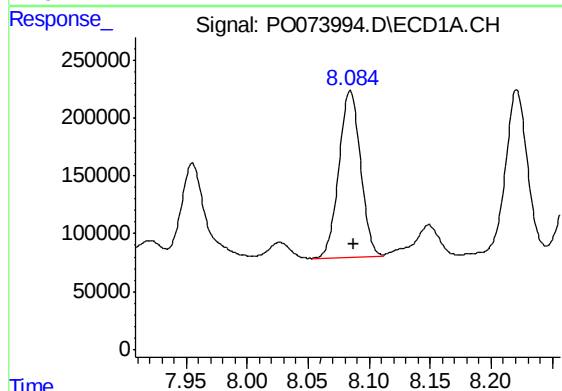
R.T.: 7.787 min
Delta R.T.: -0.003 min
Response: 1717415
Conc: 280.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
S21-04-A



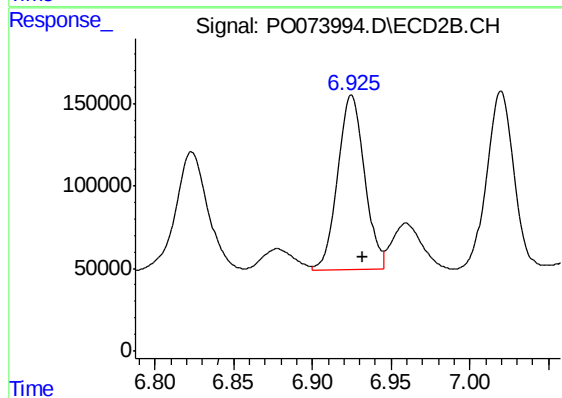
#28 AR-1254-3

R.T.: 6.687 min
Delta R.T.: -0.007 min
Response: 1537955
Conc: 314.12 ng/ml



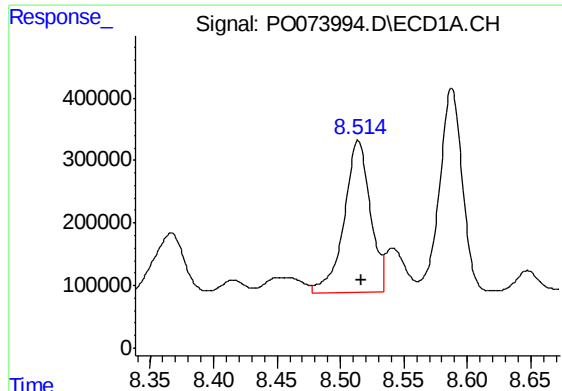
#29 AR-1254-4

R.T.: 8.085 min
Delta R.T.: -0.003 min
Response: 1775699
Conc: 338.49 ng/ml



#29 AR-1254-4

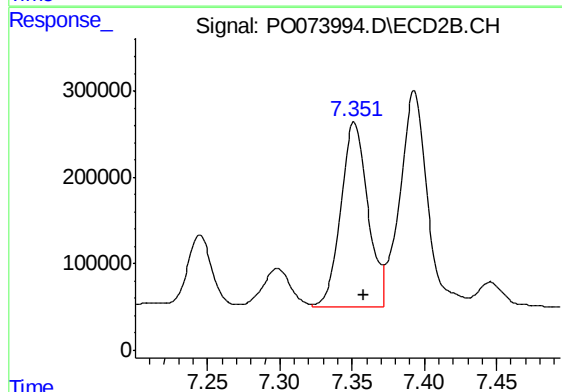
R.T.: 6.925 min
Delta R.T.: -0.007 min
Response: 1273584
Conc: 363.15 ng/ml



#30 AR-1254-5

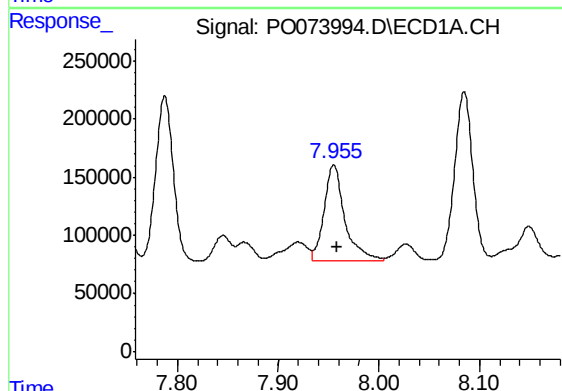
R.T.: 8.514 min
Delta R.T.: -0.003 min
Response: 3487398
Conc: 677.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
S21-04-A



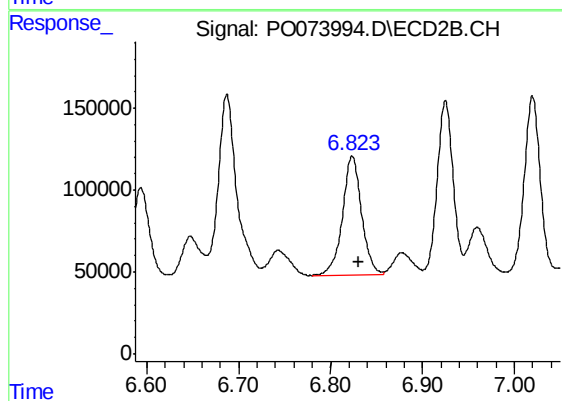
#30 AR-1254-5

R.T.: 7.352 min
Delta R.T.: -0.007 min
Response: 2791747
Conc: 633.10 ng/ml



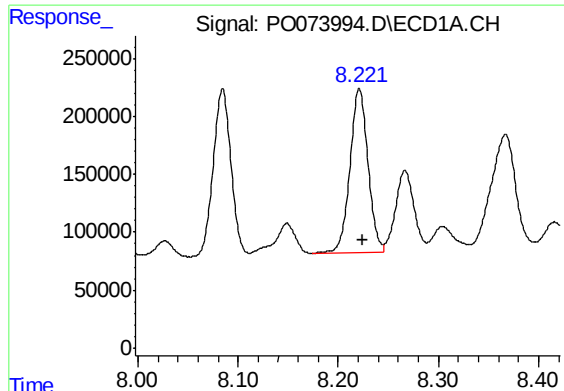
#31 AR-1260-1

R.T.: 7.955 min
Delta R.T.: -0.003 min
Response: 1173598
Conc: 277.68 ng/ml



#31 AR-1260-1

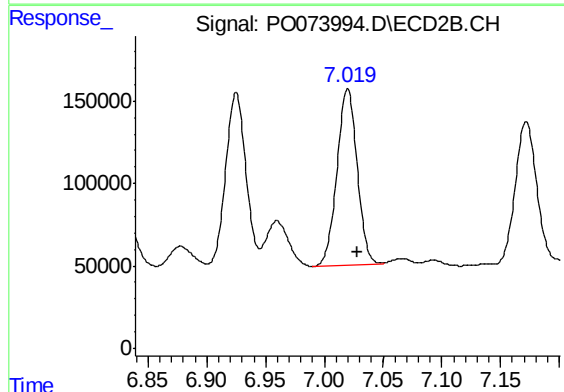
R.T.: 6.823 min
Delta R.T.: -0.008 min
Response: 1046315
Conc: 338.47 ng/ml



#32 AR-1260-2

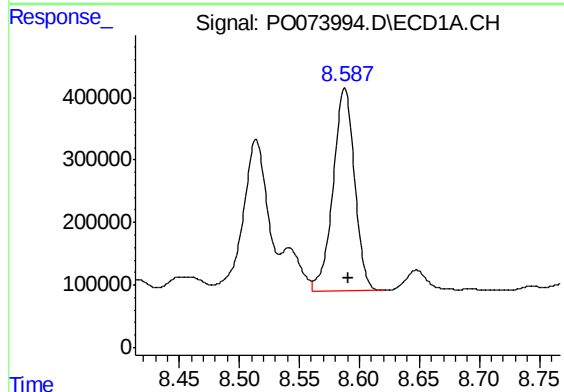
R.T.: 8.221 min
Delta R.T.: -0.004 min
Response: 1775542
Conc: 316.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
S21-04-A



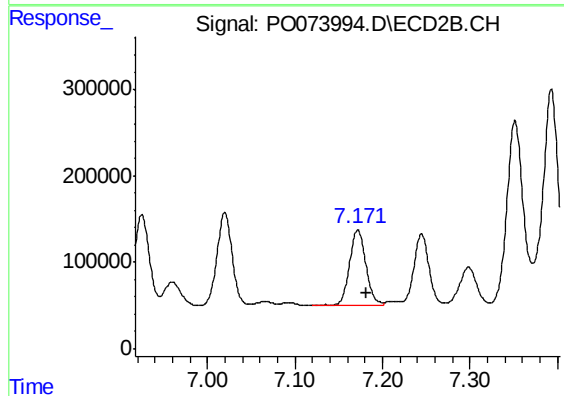
#32 AR-1260-2

R.T.: 7.020 min
Delta R.T.: -0.008 min
Response: 1280439
Conc: 315.65 ng/ml



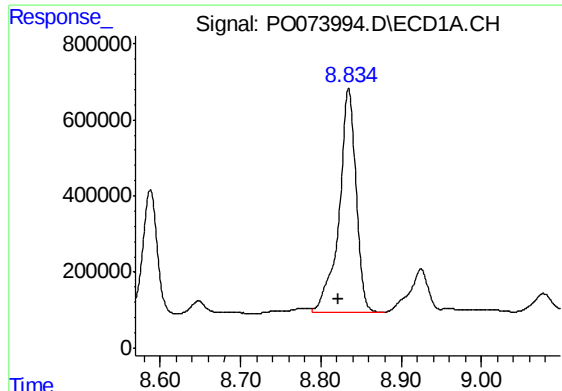
#33 AR-1260-3

R.T.: 8.588 min
Delta R.T.: -0.003 min
Response: 4041439
Conc: 884.12 ng/ml



#33 AR-1260-3

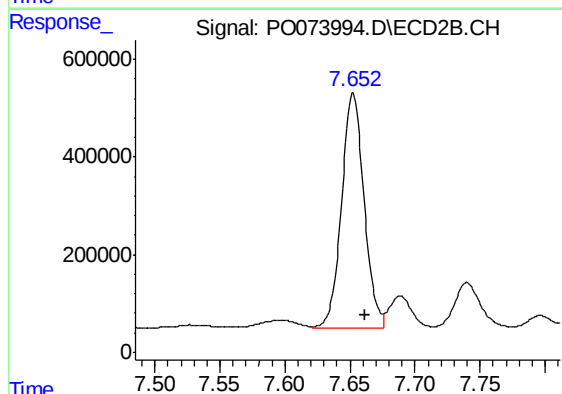
R.T.: 7.172 min
Delta R.T.: -0.010 min
Response: 1150150
Conc: 329.53 ng/ml



#34 AR-1260-4

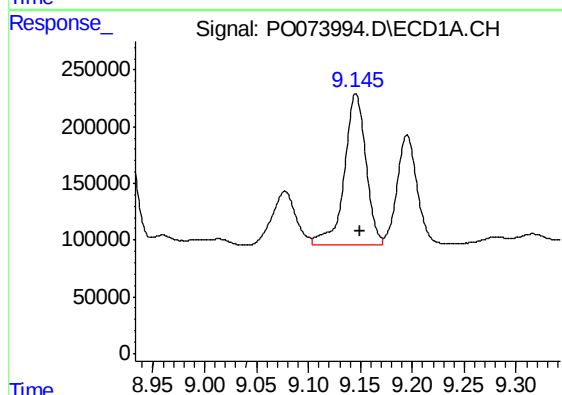
R.T.: 8.835 min
Delta R.T.: 0.012 min
Response: 8656133
Conc: 1828.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
S21-04-A



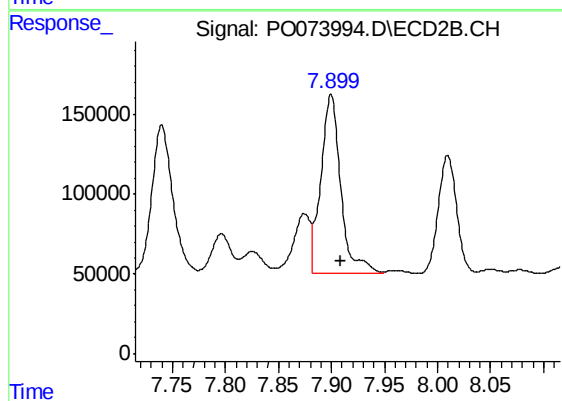
#34 AR-1260-4

R.T.: 7.652 min
Delta R.T.: -0.009 min
Response: 5766430
Conc: 1909.58 ng/ml



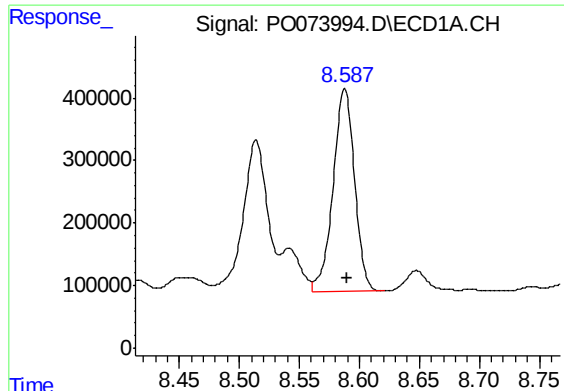
#35 AR-1260-5

R.T.: 9.146 min
Delta R.T.: -0.003 min
Response: 1913972
Conc: 191.79 ng/ml



#35 AR-1260-5

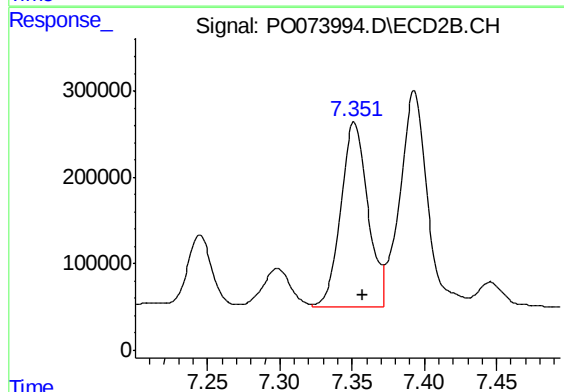
R.T.: 7.900 min
Delta R.T.: -0.009 min
Response: 1474054
Conc: 197.33 ng/ml



#36 AR-1262-1

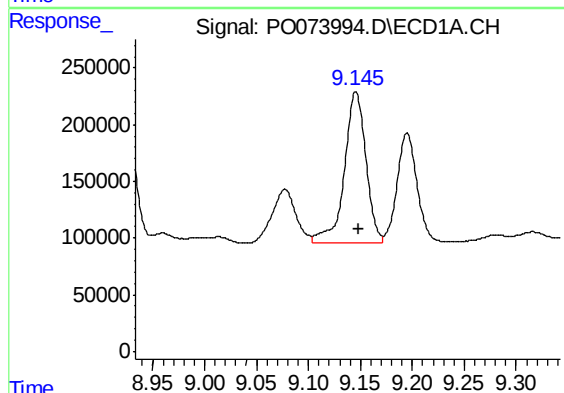
R.T.: 8.588 min
Delta R.T.: -0.002 min
Response: 4041439
Conc: 539.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
S21-04-A



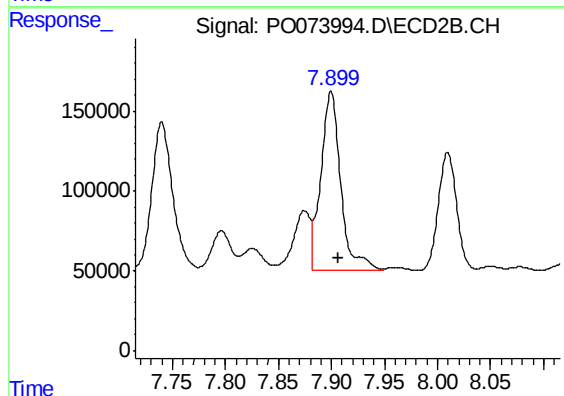
#36 AR-1262-1

R.T.: 7.352 min
Delta R.T.: -0.006 min
Response: 2791747
Conc: 1116.79 ng/ml



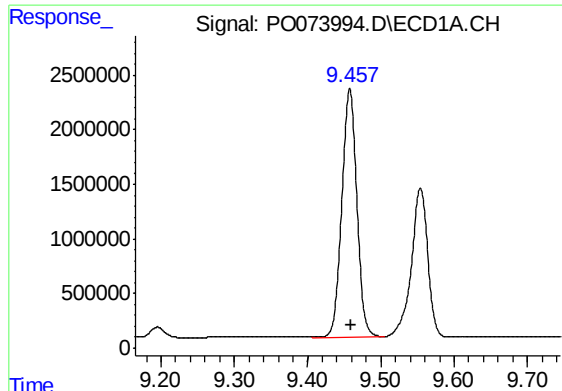
#37 AR-1262-2

R.T.: 9.146 min
Delta R.T.: -0.002 min
Response: 1913972
Conc: 149.23 ng/ml



#37 AR-1262-2

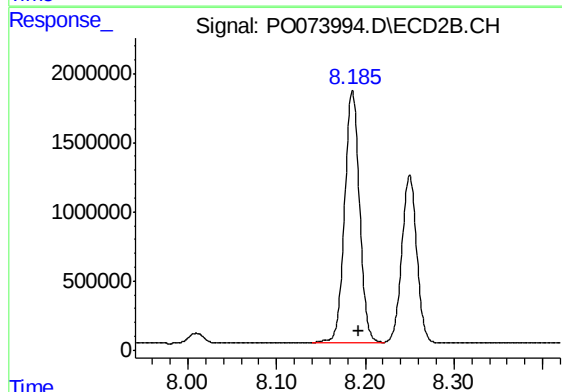
R.T.: 7.900 min
Delta R.T.: -0.007 min
Response: 1474054
Conc: 167.58 ng/ml



#38 AR-1262-3

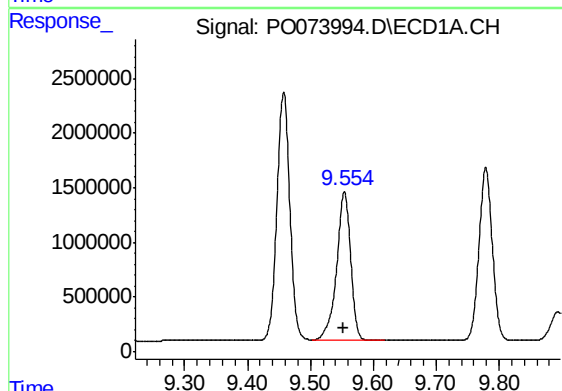
R.T.: 9.458 min
Delta R.T.: -0.002 min
Response: 32460297
Conc: 3826.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
S21-04-A



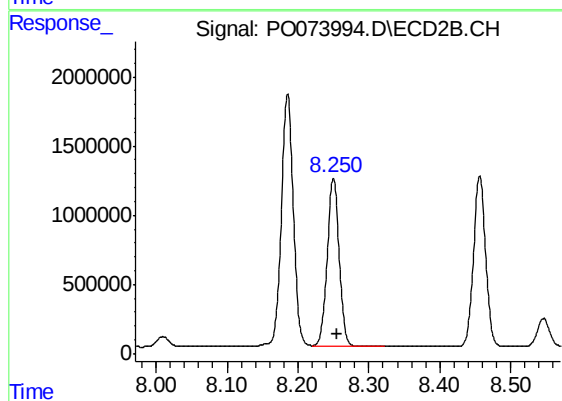
#38 AR-1262-3

R.T.: 8.186 min
Delta R.T.: -0.007 min
Response: 21340700
Conc: 5901.93 ng/ml



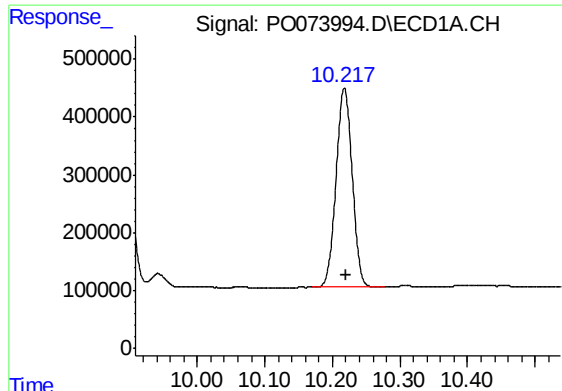
#39 AR-1262-4

R.T.: 9.554 min
Delta R.T.: 0.002 min
Response: 21337984
Conc: 6379.91 ng/ml



#39 AR-1262-4

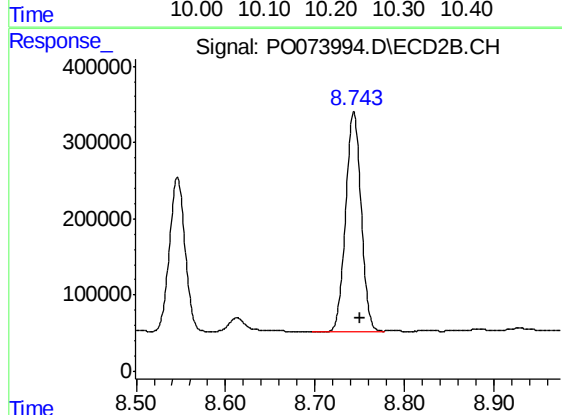
R.T.: 8.250 min
Delta R.T.: -0.006 min
Response: 14267729
Conc: 2318.80 ng/ml



#40 AR-1262-5

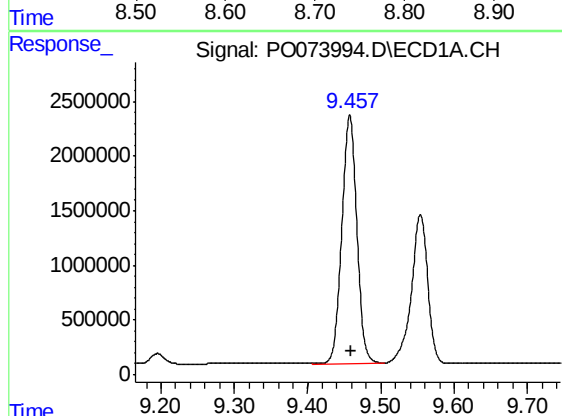
R.T.: 10.218 min
Delta R.T.: -0.002 min
Response: 5731633
Conc: 1268.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
S21-04-A



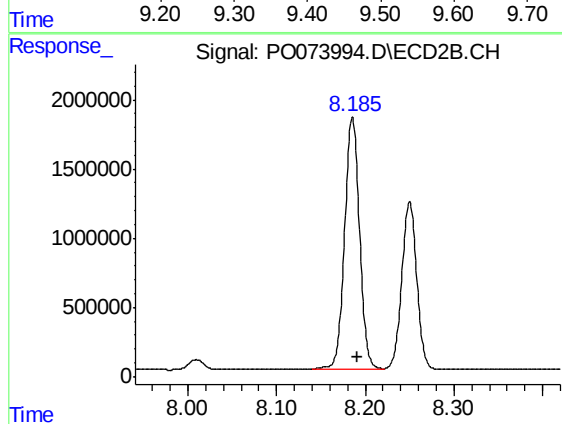
#40 AR-1262-5

R.T.: 8.743 min
Delta R.T.: -0.006 min
Response: 3451464
Conc: 1212.33 ng/ml



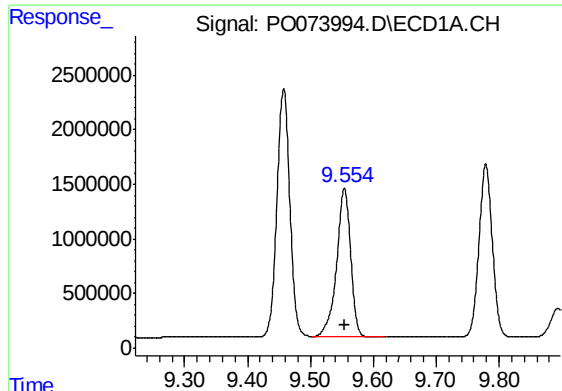
#41 AR-1268-1

R.T.: 9.458 min
Delta R.T.: -0.002 min
Response: 32460297
Conc: 2279.01 ng/ml



#41 AR-1268-1

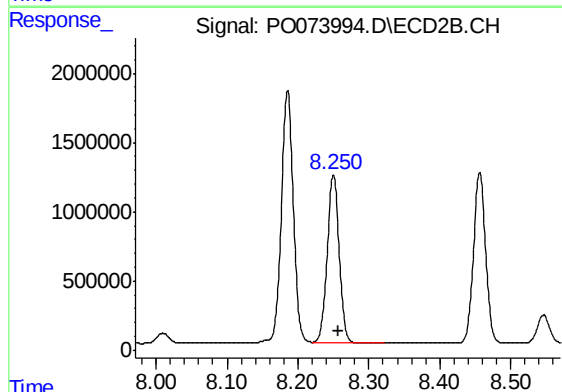
R.T.: 8.186 min
Delta R.T.: -0.006 min
Response: 21340700
Conc: 2217.55 ng/ml



#42 AR-1268-2

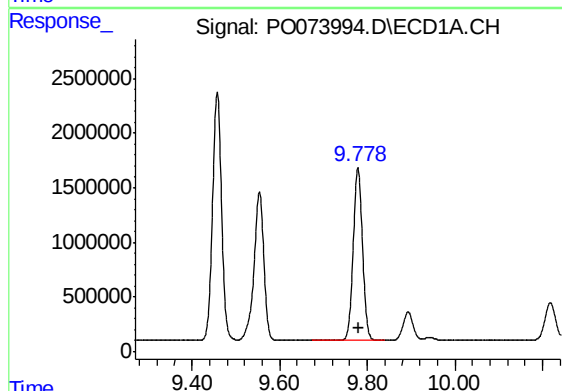
R.T.: 9.554 min
Delta R.T.: -0.001 min
Response: 21337984
Conc: 1731.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
S21-04-A



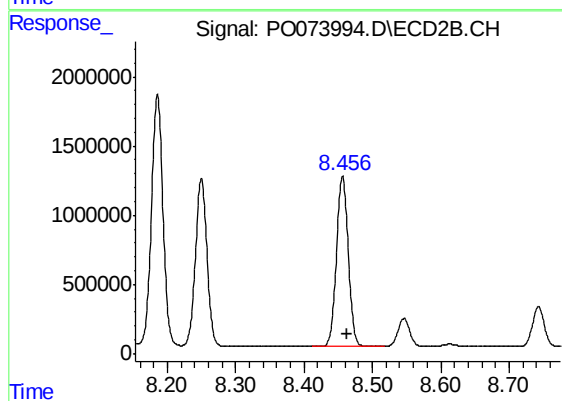
#42 AR-1268-2

R.T.: 8.250 min
Delta R.T.: -0.007 min
Response: 14267729
Conc: 1731.81 ng/ml



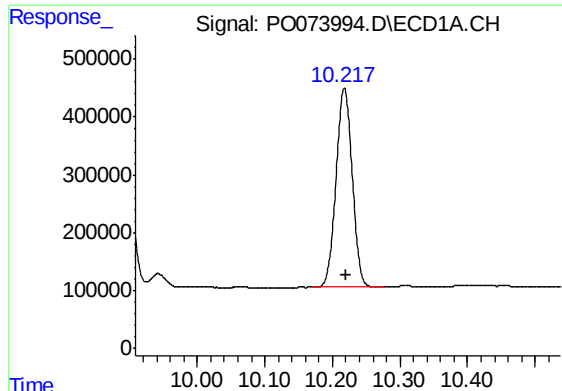
#43 AR-1268-3

R.T.: 9.779 min
Delta R.T.: -0.003 min
Response: 23250649
Conc: 2142.30 ng/ml



#43 AR-1268-3

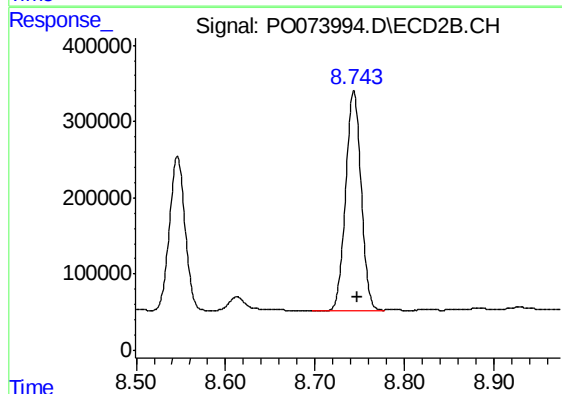
R.T.: 8.456 min
Delta R.T.: -0.007 min
Response: 14722453
Conc: 2085.08 ng/ml



#44 AR-1268-4

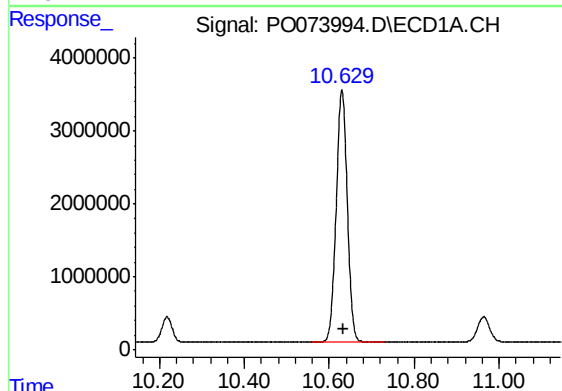
R.T.: 10.218 min
Delta R.T.: -0.002 min
Response: 5731633
Conc: 1223.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
S21-04-A



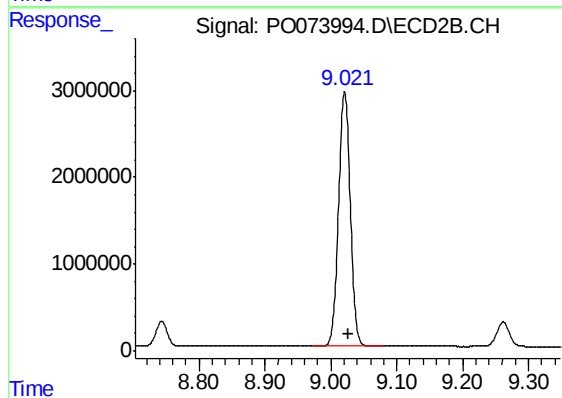
#44 AR-1268-4

R.T.: 8.743 min
Delta R.T.: -0.005 min
Response: 3451464
Conc: 1166.03 ng/ml



#45 AR-1268-5

R.T.: 10.630 min
Delta R.T.: -0.002 min
Response: 62516782
Conc: 1910.30 ng/ml



#45 AR-1268-5

R.T.: 9.021 min
Delta R.T.: -0.007 min
Response: 36319663
Conc: 1807.84 ng/ml