

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0073119\
 Data File : P0058656.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 31 Jul 2019 5:08
 Operator : SM/AJ
 Sample : K4049-08
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SP-8

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 07:43:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 27 06:49:05 2019
 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...	4.171	3.522	941060	838536	22.299	20.990
2)	SA Decachlor...	9.654	8.409	996915	700605	18.408	17.749
Target Compounds							
3)	L1 AR-1016-1	0.000	4.626	0	20066	N.D.	13.763 #
4)	L1 AR-1016-2	0.000	4.626	0	20066	N.D.	9.348 #
5)	L1 AR-1016-3	0.000	4.773	0	26553	N.D.	23.380 #
6)	L1 AR-1016-4	0.000	4.810	0	160401	N.D.	170.042 #
7)	L1 AR-1016-5	5.792	5.019	140122	121304	97.821	98.507
10)	L2 AR-1221-3	0.000	3.933	0	106973	N.D.	111.826 #
11)	L3 AR-1232-1	4.623	3.933	141452	106973	156.680	136.175
12)	L3 AR-1232-2	0.000	4.626	0	20066	N.D.	23.734 #
13)	L3 AR-1232-3	0.000	4.773	0	26553	N.D.	60.379 #
14)	L3 AR-1232-4	0.000	4.848	0	65588	N.D.	165.932 #
15)	L3 AR-1232-5	5.592	5.019	152471	121304	373.646	275.535 #
16)	L4 AR-1242-1	0.000	4.626	0	20066	N.D.	19.766 #
17)	L4 AR-1242-2	0.000	4.626	0	20066	N.D.	13.292 #
18)	L4 AR-1242-3	0.000	4.773	0	26553	N.D.	32.606 #
19)	L4 AR-1242-4	0.000	4.848	0	65588	N.D.	81.070 #
20)	L4 AR-1242-5	6.231	5.363	301724	602105	256.880	561.306 #
21)	L5 AR-1248-1	0.000	4.626	0	20066	N.D.	25.094 #
22)	L5 AR-1248-2	5.592	4.810	152471	160401	105.473	144.767 #
23)	L5 AR-1248-3	5.792	4.848	140122	65588	85.305	57.626 #
24)	L5 AR-1248-4	6.231	5.019	301724	121304	148.981	86.833 #
25)	L5 AR-1248-5	6.231	5.404	301724	85444	156.306	61.681 #
26)	L6 AR-1254-1	6.163	5.363	728498	602105	308.517	232.425
27)	L6 AR-1254-2	6.379	5.510	1035173	477337	268.601	208.496
28)	L6 AR-1254-3	6.742	5.906	1507224	1207033	372.187	328.055
29)	L6 AR-1254-4	7.025	6.133	730863	434974	202.981	187.068
30)	L6 AR-1254-5	7.439	6.543	1380430	1059320	380.833	307.089
31)	L7 AR-1260-1	6.901	6.032	631399	605428	219.301	254.377
32)	L7 AR-1260-2	7.155	6.220	847587	526300	203.744	173.736
33)	L7 AR-1260-3	7.507	6.369	260309	500231	69.901	185.282 #
34)	L7 AR-1260-4	7.729	6.834	560378	121519	164.441	53.781 #
35)	L7 AR-1260-5	8.040	7.076	456380	436482	62.052	81.050 #
36)	L8 AR-1262-1	7.507	6.569	260309	222613	51.646	62.326
37)	L8 AR-1262-2	8.040	7.076	456380	436482	57.341	77.308 #
38)	L8 AR-1262-3	8.341	7.352	273226	56688	53.748	22.969 #
39)	L8 AR-1262-4	0.000	7.417	0	278622	N.D.	65.617 #
40)	L8 AR-1262-5	0.000	7.909	0	60929	N.D.	35.832 #
41)	L9 AR-1268-1	8.341	7.352	273226	56688	24.462	6.960 #
42)	L9 AR-1268-2	0.000	7.417	0	278622	N.D.	36.771 #
43)	L9 AR-1268-3	0.000	7.616	0	39632	N.D.	6.200 #
44)	L9 AR-1268-4	0.000	7.909	0	60929	N.D.	26.255 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0073119\
Data File : P0058656.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 31 Jul 2019 5:08
Operator : SM/AJ
Sample : K4049-08
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SP-8

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 07:43:32 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 27 06:49:05 2019
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
45) L9	AR-1268-5	0.000	8.179	0	97082	N.D.	5.665 #

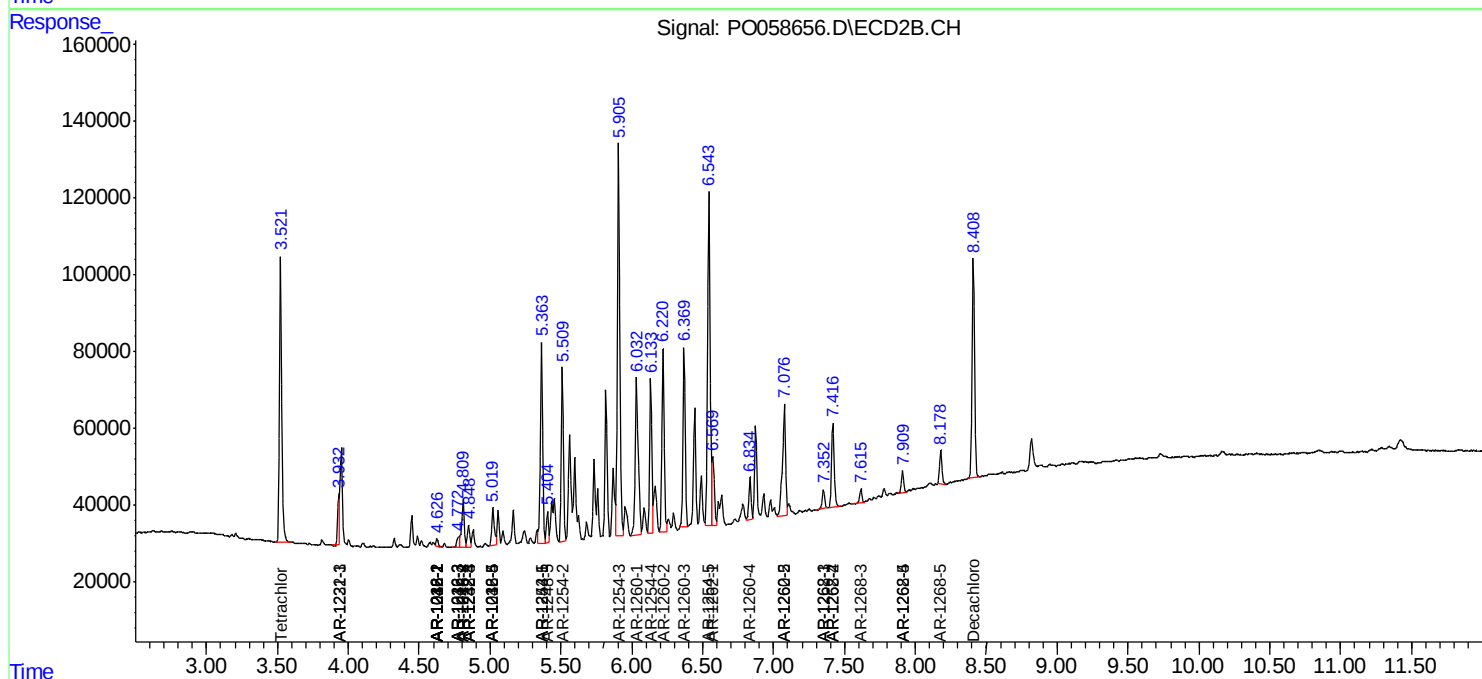
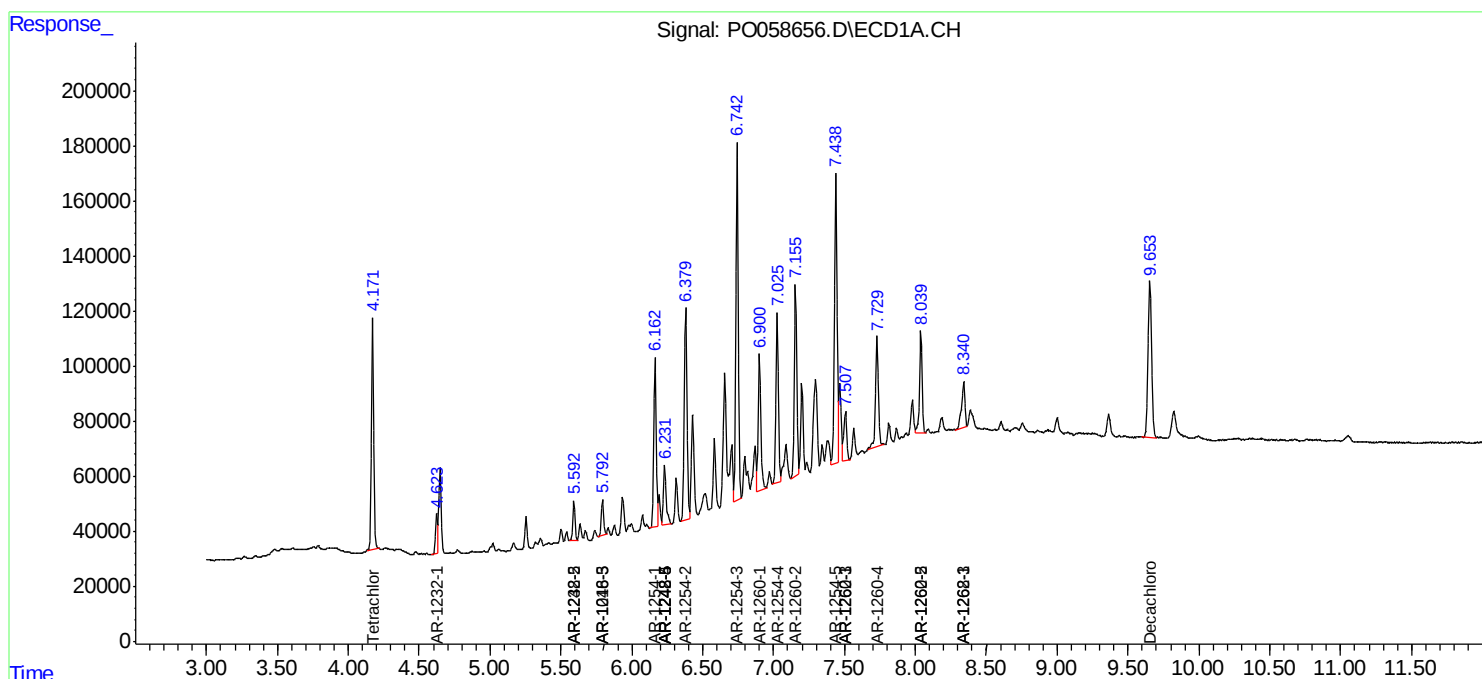
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

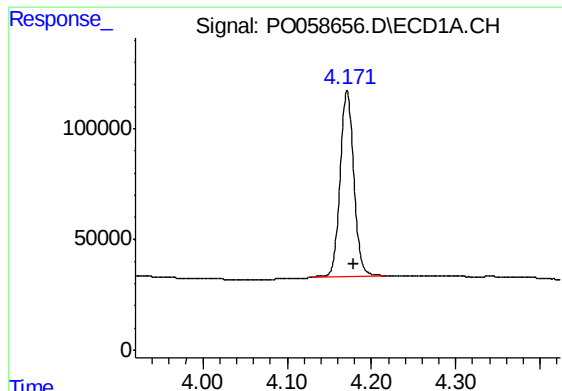
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO073119\
Data File : PO058656.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 31 Jul 2019 5:08
Operator : SM/AJ
Sample : K4049-08
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :
SP-8

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 07:43:32 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072819.M
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QLast Update : Sat Jul 27 06:49:05 2019
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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

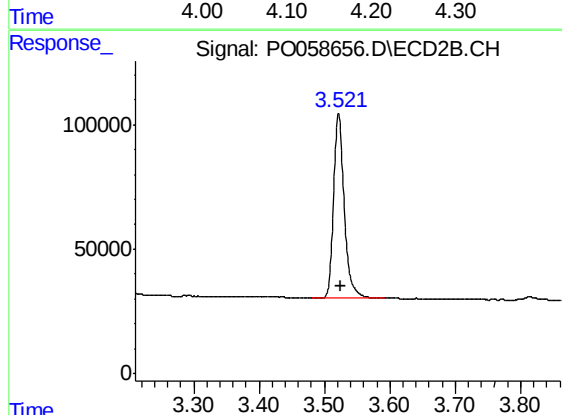




#1 Tetrachloro-m-xylene

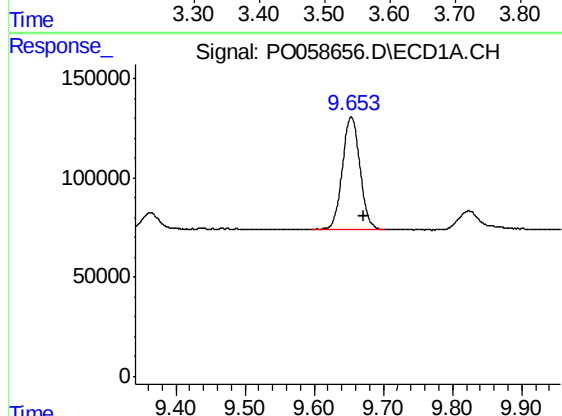
R.T.: 4.171 min
Delta R.T.: -0.008 min
Response: 941060
Conc: 22.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-8



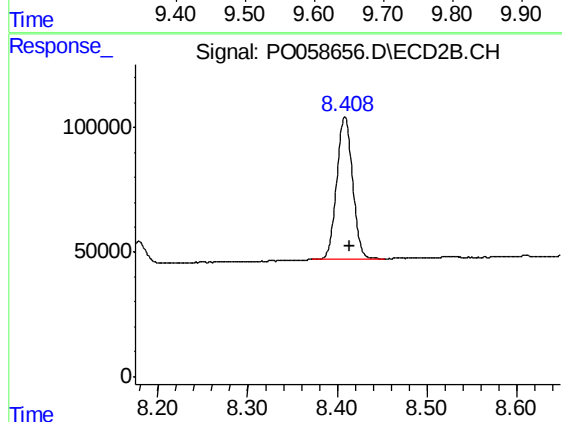
#1 Tetrachloro-m-xylene

R.T.: 3.522 min
Delta R.T.: -0.003 min
Response: 838536
Conc: 20.99 ng/ml



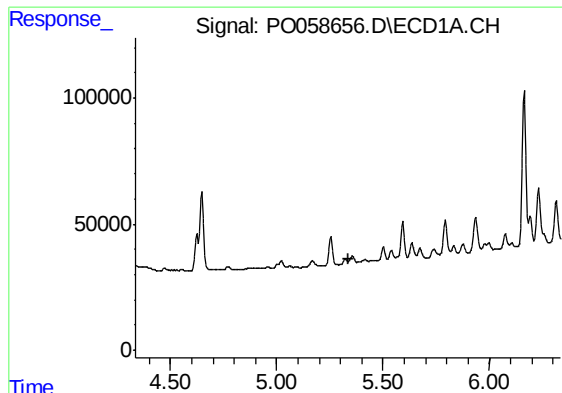
#2 Decachlorobiphenyl

R.T.: 9.654 min
Delta R.T.: -0.019 min
Response: 996915
Conc: 18.41 ng/ml



#2 Decachlorobiphenyl

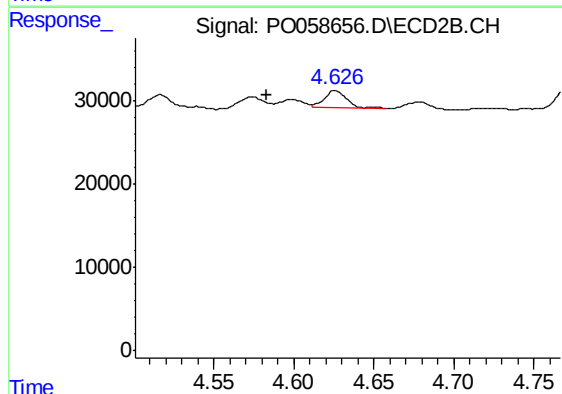
R.T.: 8.409 min
Delta R.T.: -0.005 min
Response: 700605
Conc: 17.75 ng/ml



#3 AR-1016-1

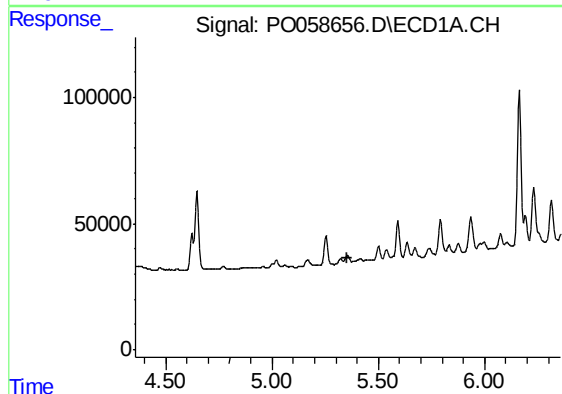
R.T.: 0.000 min
Exp R.T. : 5.335 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-8



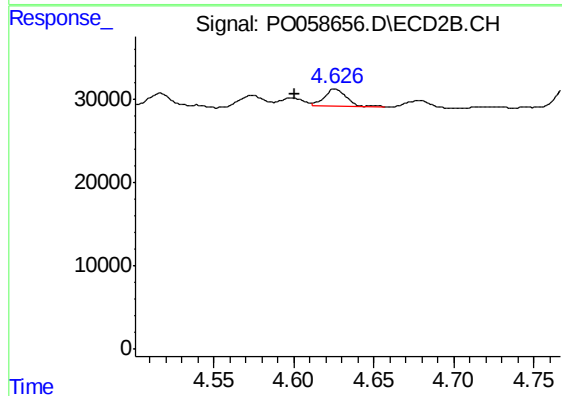
#3 AR-1016-1

R.T.: 4.626 min
Delta R.T.: 0.043 min
Response: 20066
Conc: 13.76 ng/ml



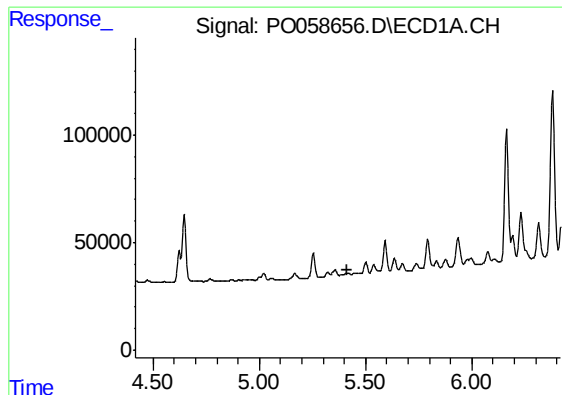
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.357 min
Response: 0
Conc: N.D.



#4 AR-1016-2

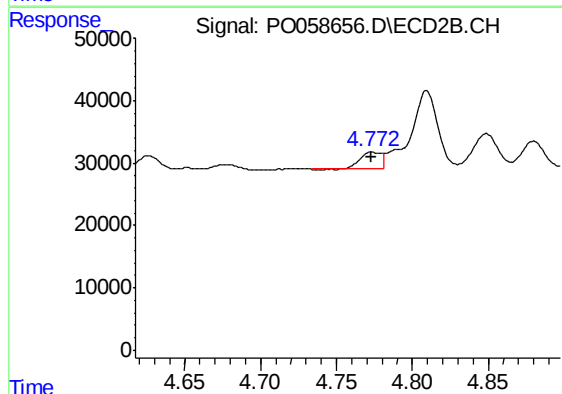
R.T.: 4.626 min
Delta R.T.: 0.025 min
Response: 20066
Conc: 9.35 ng/ml



#5 AR-1016-3

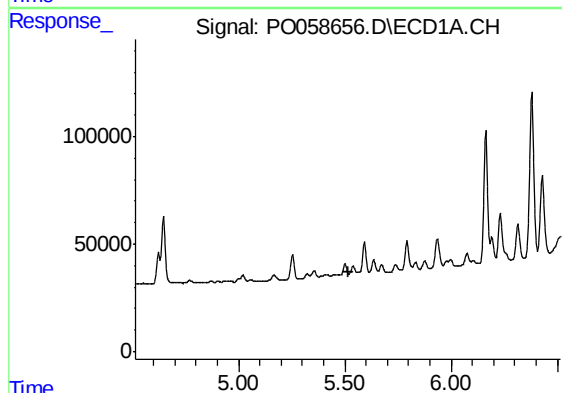
R.T.: 0.000 min
Exp R.T. : 5.417 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-8



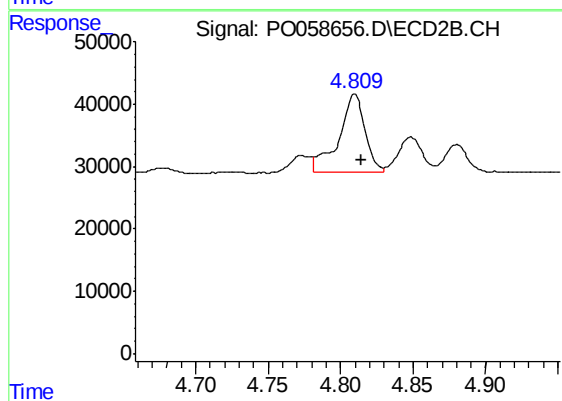
#5 AR-1016-3

R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 26553
Conc: 23.38 ng/ml



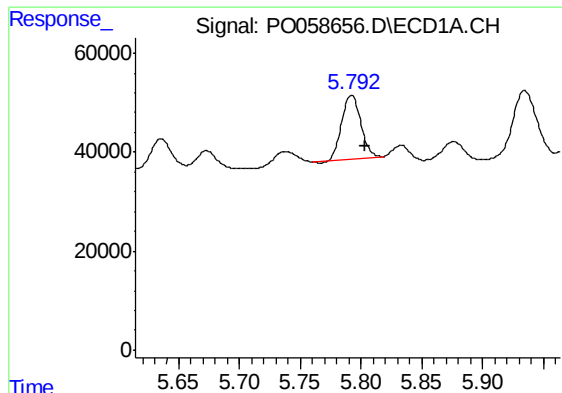
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.515 min
Response: 0
Conc: N.D.



#6 AR-1016-4

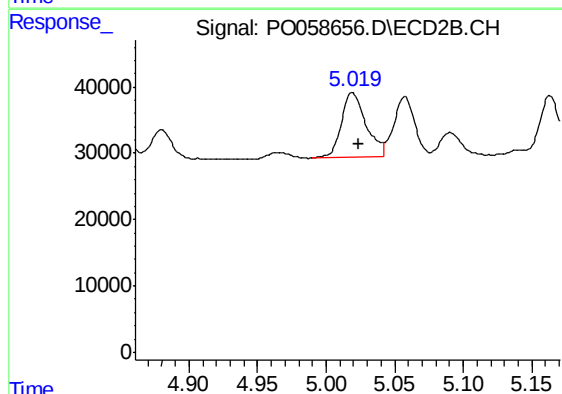
R.T.: 4.810 min
Delta R.T.: -0.005 min
Response: 160401
Conc: 170.04 ng/ml



#7 AR-1016-5

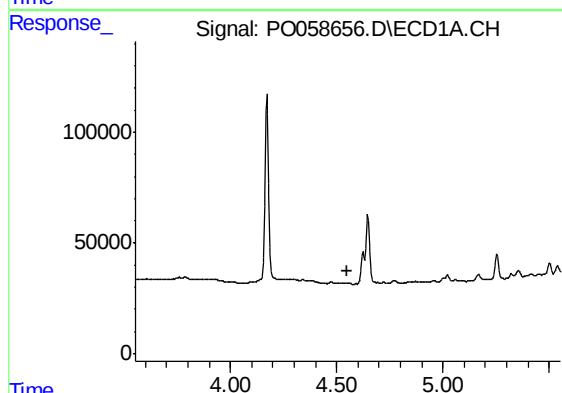
R.T.: 5.792 min
Delta R.T.: -0.011 min
Response: 140122
Conc: 97.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-8



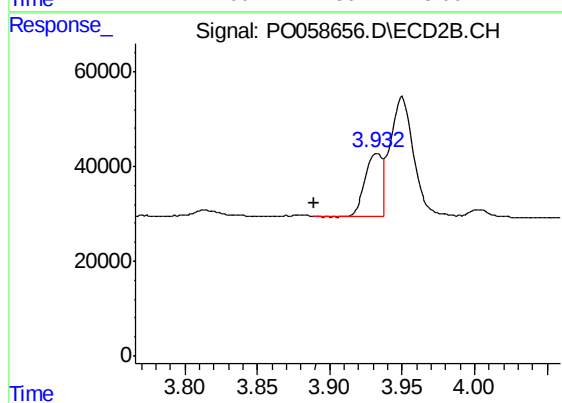
#7 AR-1016-5

R.T.: 5.019 min
Delta R.T.: -0.005 min
Response: 121304
Conc: 98.51 ng/ml



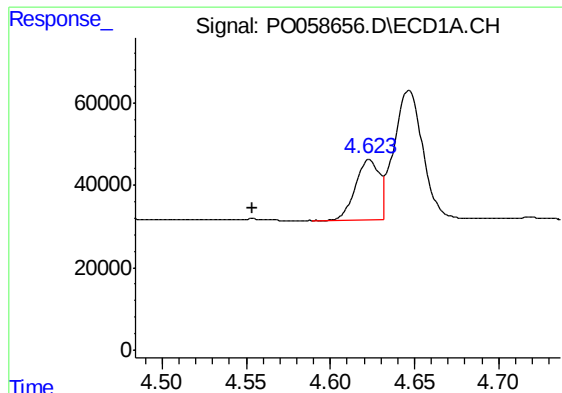
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.553 min
Response: 0
Conc: N.D.



#10 AR-1221-3

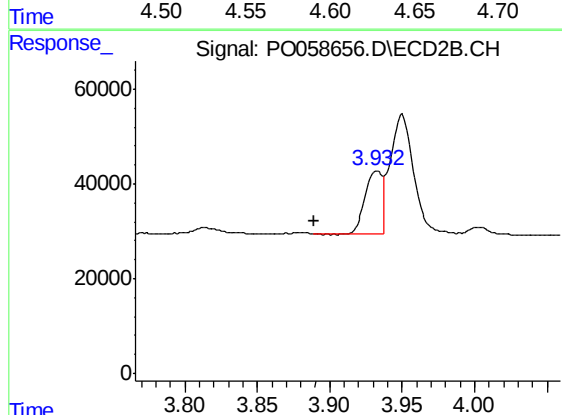
R.T.: 3.933 min
Delta R.T.: 0.043 min
Response: 106973
Conc: 111.83 ng/ml



#11 AR-1232-1

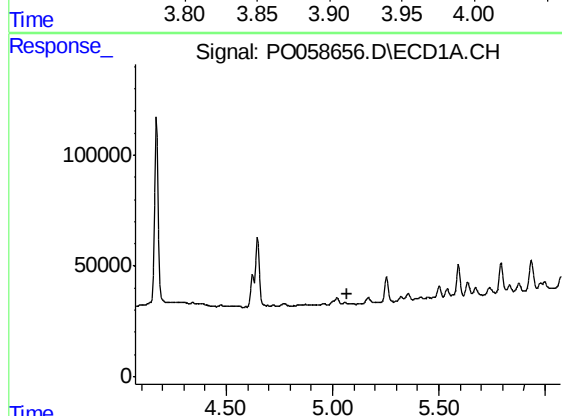
R.T.: 4.623 min
Delta R.T.: 0.069 min
Response: 141452
Conc: 156.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-8



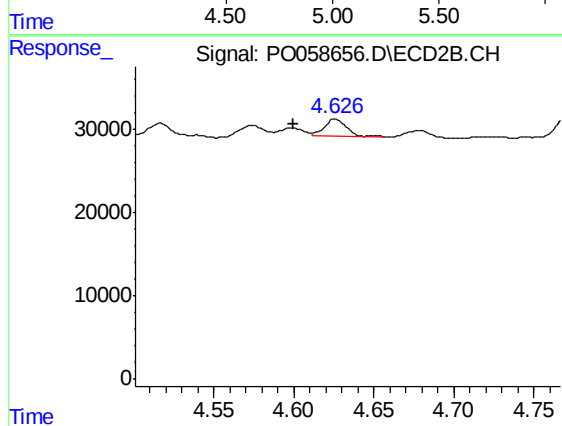
#11 AR-1232-1

R.T.: 3.933 min
Delta R.T.: 0.043 min
Response: 106973
Conc: 136.17 ng/ml



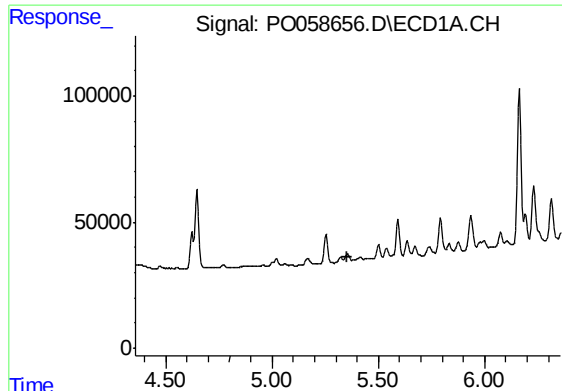
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.072 min
Response: 0
Conc: N.D.



#12 AR-1232-2

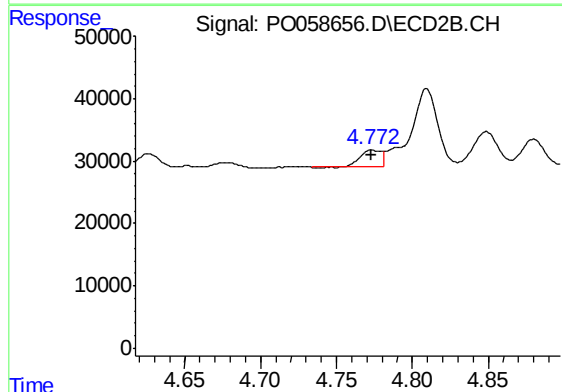
R.T.: 4.626 min
Delta R.T.: 0.026 min
Response: 20066
Conc: 23.73 ng/ml



#13 AR-1232-3

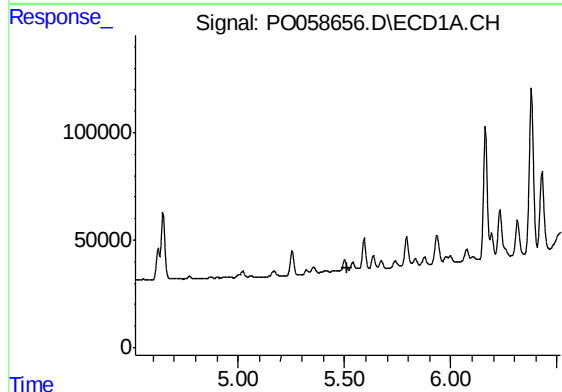
R.T.: 0.000 min
Exp R.T. : 5.357 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-8



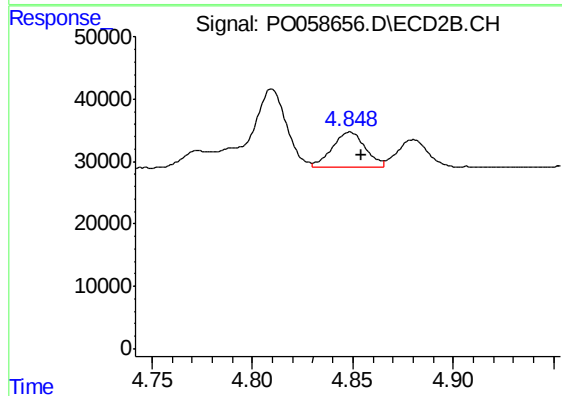
#13 AR-1232-3

R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 26553
Conc: 60.38 ng/ml



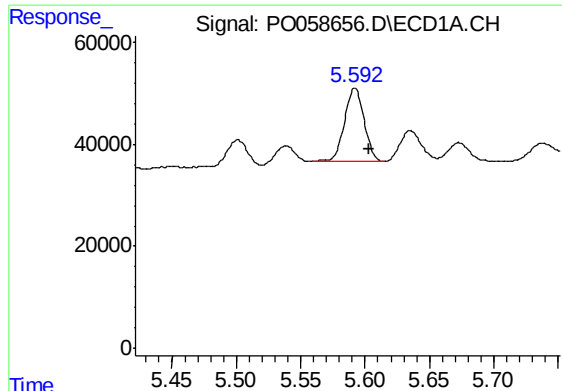
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.516 min
Response: 0
Conc: N.D.



#14 AR-1232-4

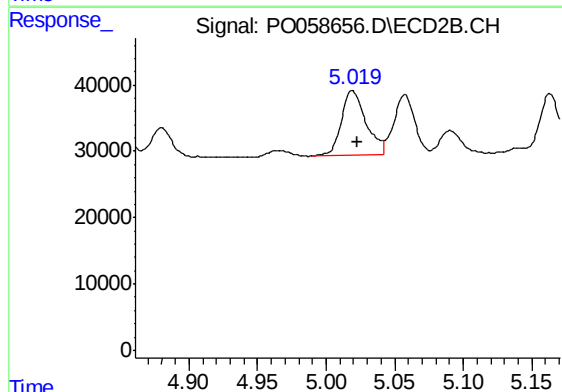
R.T.: 4.848 min
Delta R.T.: -0.006 min
Response: 65588
Conc: 165.93 ng/ml



#15 AR-1232-5

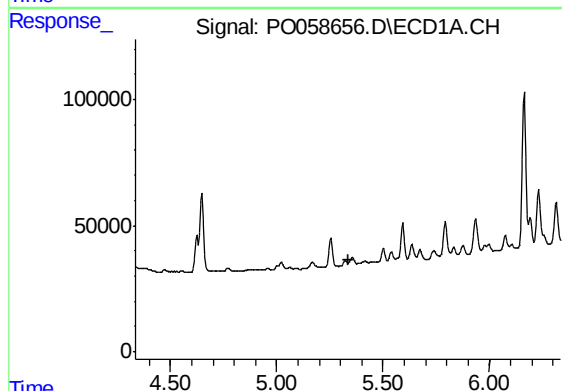
R.T.: 5.592 min
Delta R.T.: -0.011 min
Response: 152471
Conc: 373.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-8



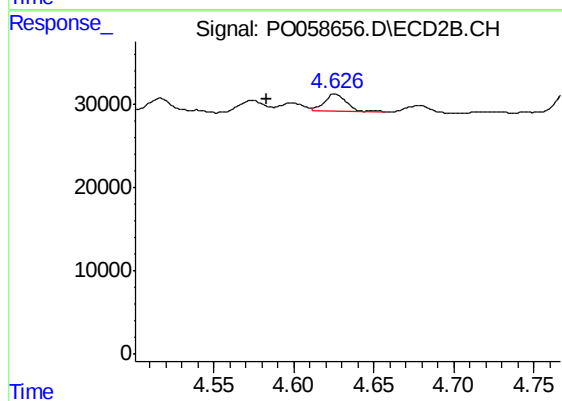
#15 AR-1232-5

R.T.: 5.019 min
Delta R.T.: -0.004 min
Response: 121304
Conc: 275.54 ng/ml



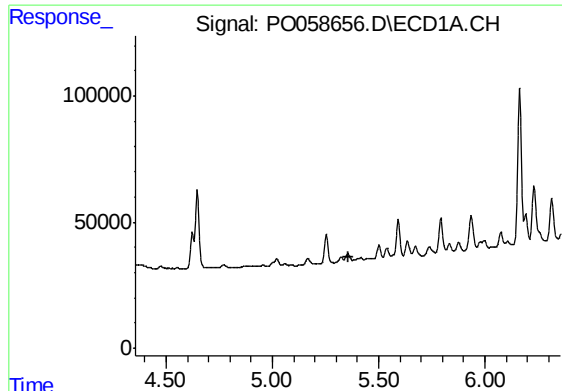
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.335 min
Response: 0
Conc: N.D.



#16 AR-1242-1

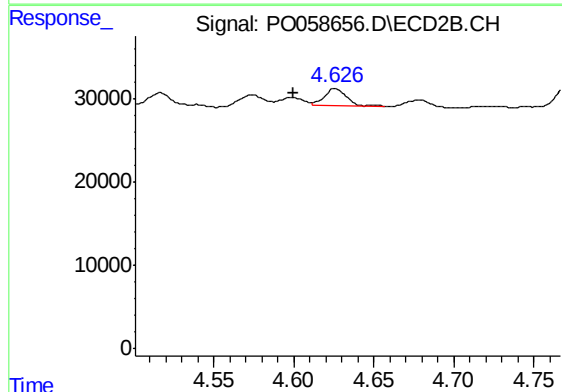
R.T.: 4.626 min
Delta R.T.: 0.043 min
Response: 20066
Conc: 19.77 ng/ml



#17 AR-1242-2

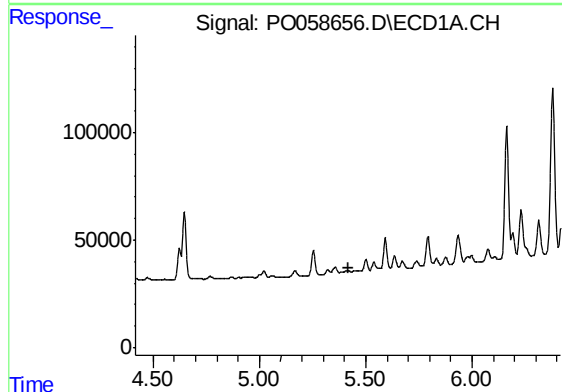
R.T.: 0.000 min
Exp R.T. : 5.356 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-8



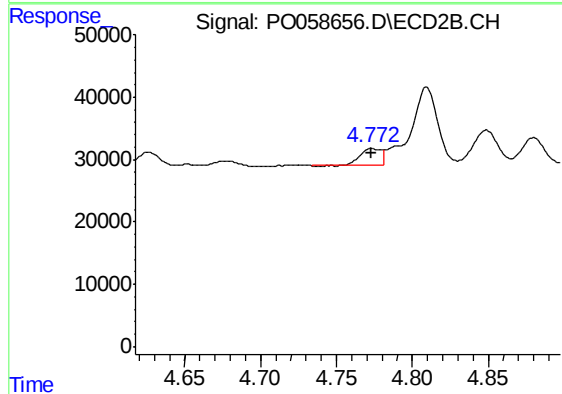
#17 AR-1242-2

R.T.: 4.626 min
Delta R.T.: 0.026 min
Response: 20066
Conc: 13.29 ng/ml



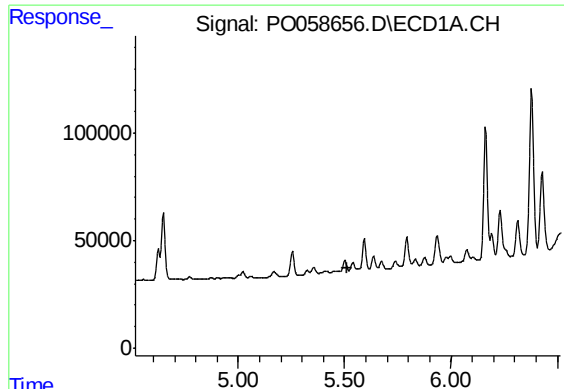
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.417 min
Response: 0
Conc: N.D.



#18 AR-1242-3

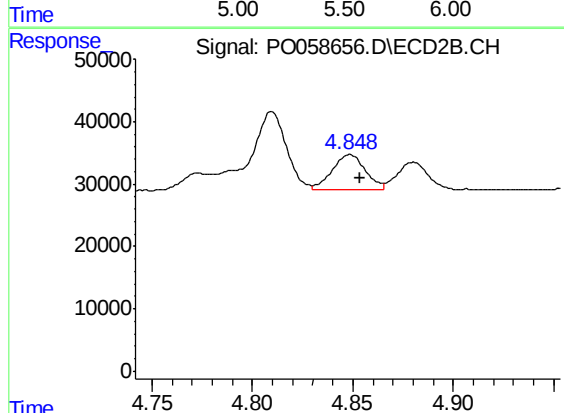
R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 26553
Conc: 32.61 ng/ml



#19 AR-1242-4

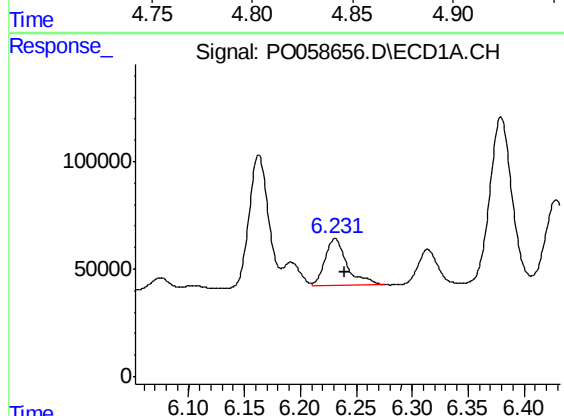
R.T.: 0.000 min
Exp R.T.: 5.515 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-8



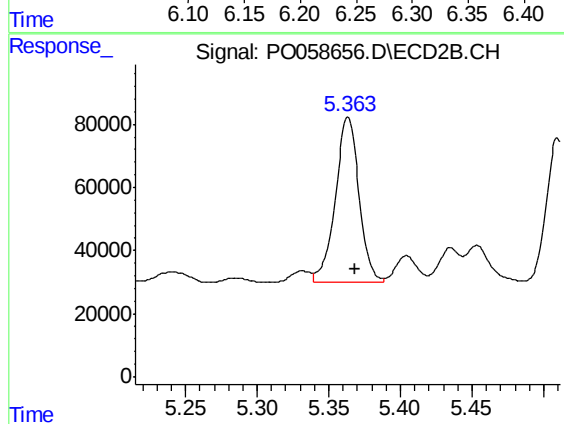
#19 AR-1242-4

R.T.: 4.848 min
Delta R.T.: -0.005 min
Response: 65588
Conc: 81.07 ng/ml



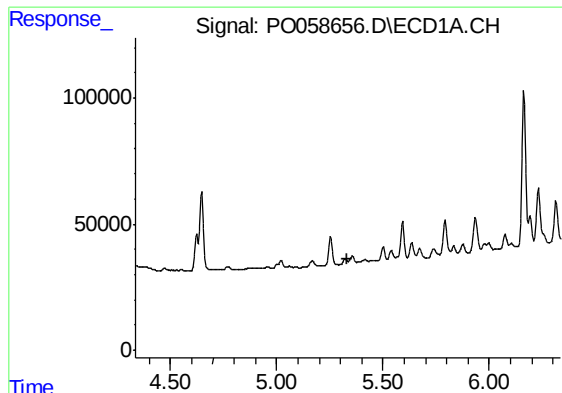
#20 AR-1242-5

R.T.: 6.231 min
Delta R.T.: -0.008 min
Response: 301724
Conc: 256.88 ng/ml



#20 AR-1242-5

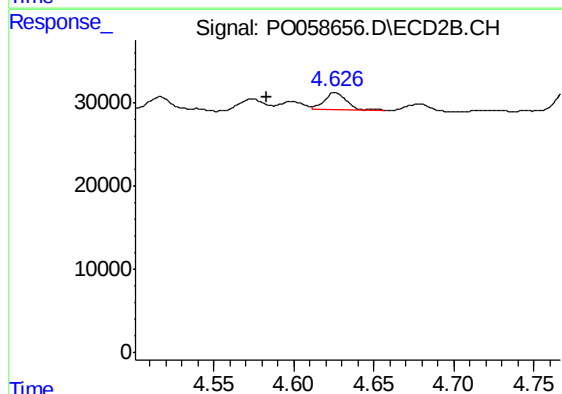
R.T.: 5.363 min
Delta R.T.: -0.005 min
Response: 602105
Conc: 561.31 ng/ml



#21 AR-1248-1

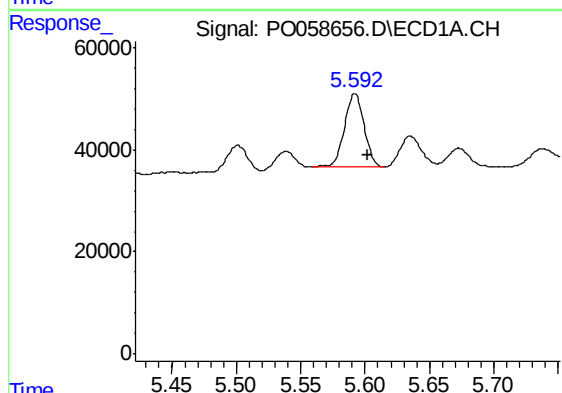
R.T.: 0.000 min
Exp R.T.: 5.335 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-8



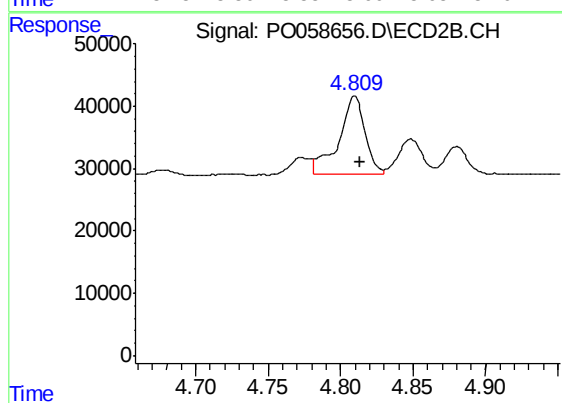
#21 AR-1248-1

R.T.: 4.626 min
Delta R.T.: 0.043 min
Response: 20066
Conc: 25.09 ng/ml



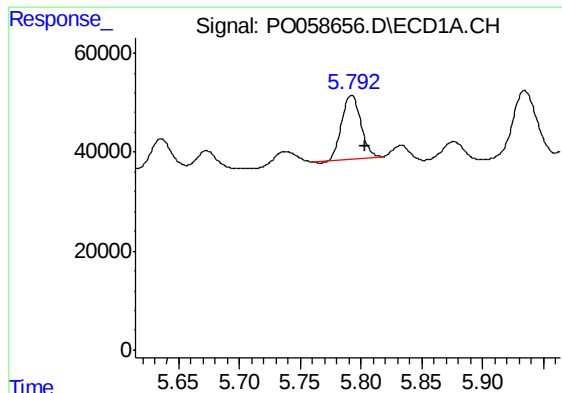
#22 AR-1248-2

R.T.: 5.592 min
Delta R.T.: -0.010 min
Response: 152471
Conc: 105.47 ng/ml



#22 AR-1248-2

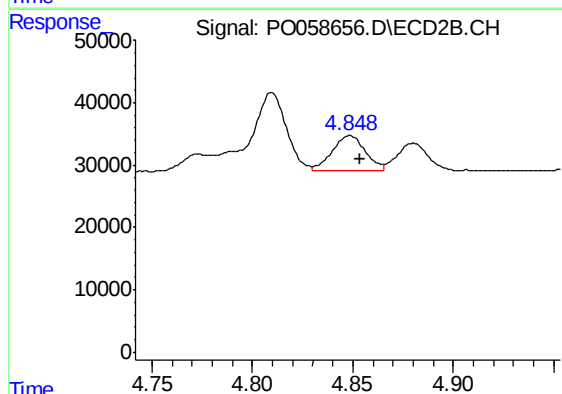
R.T.: 4.810 min
Delta R.T.: -0.004 min
Response: 160401
Conc: 144.77 ng/ml



#23 AR-1248-3

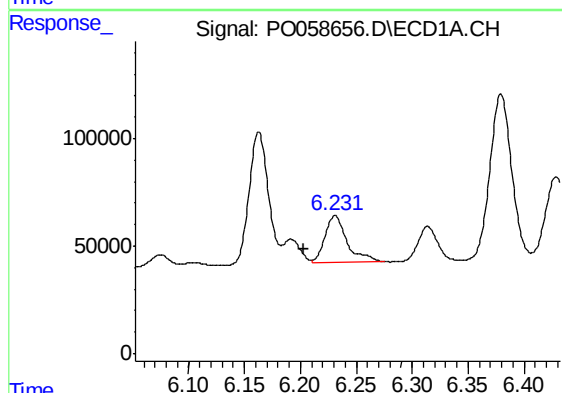
R.T.: 5.792 min
Delta R.T.: -0.011 min
Response: 140122
Conc: 85.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-8



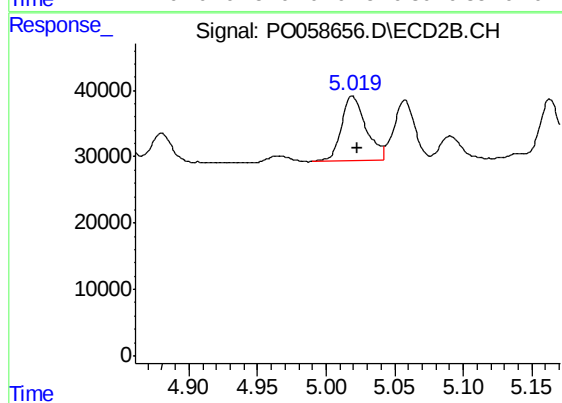
#23 AR-1248-3

R.T.: 4.848 min
Delta R.T.: -0.005 min
Response: 65588
Conc: 57.63 ng/ml



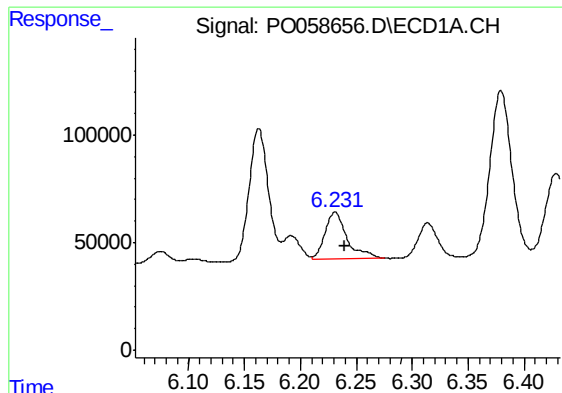
#24 AR-1248-4

R.T.: 6.231 min
Delta R.T.: 0.028 min
Response: 301724
Conc: 148.98 ng/ml



#24 AR-1248-4

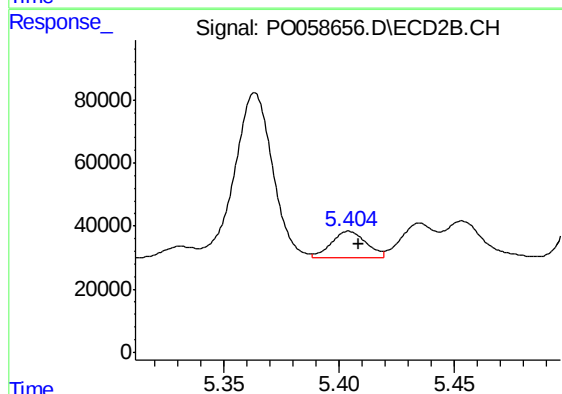
R.T.: 5.019 min
Delta R.T.: -0.004 min
Response: 121304
Conc: 86.83 ng/ml



#25 AR-1248-5

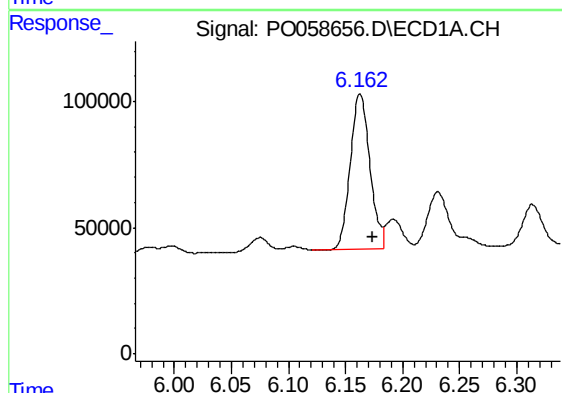
R.T.: 6.231 min
Delta R.T.: -0.008 min
Response: 301724
Conc: 156.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-8



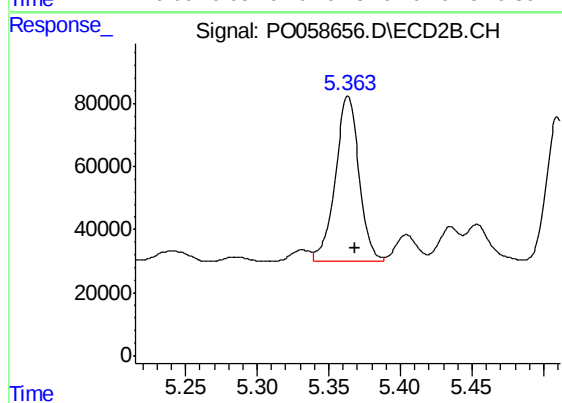
#25 AR-1248-5

R.T.: 5.404 min
Delta R.T.: -0.004 min
Response: 85444
Conc: 61.68 ng/ml



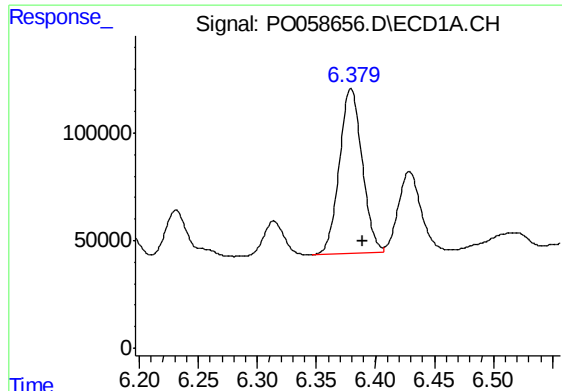
#26 AR-1254-1

R.T.: 6.163 min
Delta R.T.: -0.011 min
Response: 728498
Conc: 308.52 ng/ml



#26 AR-1254-1

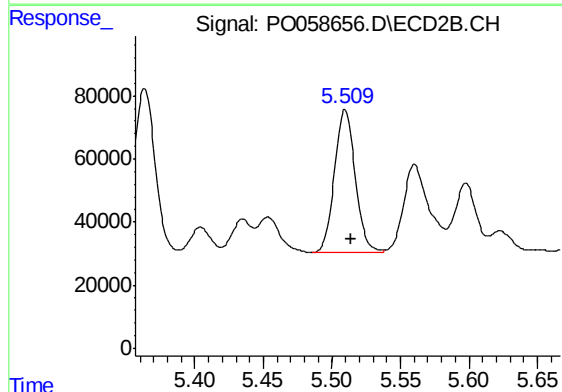
R.T.: 5.363 min
Delta R.T.: -0.005 min
Response: 602105
Conc: 232.42 ng/ml



#27 AR-1254-2

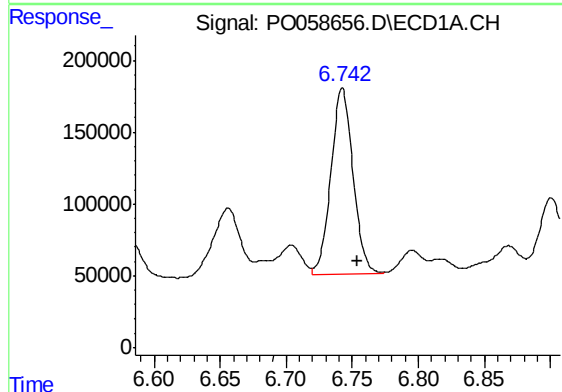
R.T.: 6.379 min
Delta R.T.: -0.009 min
Response: 1035173
Conc: 268.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-8



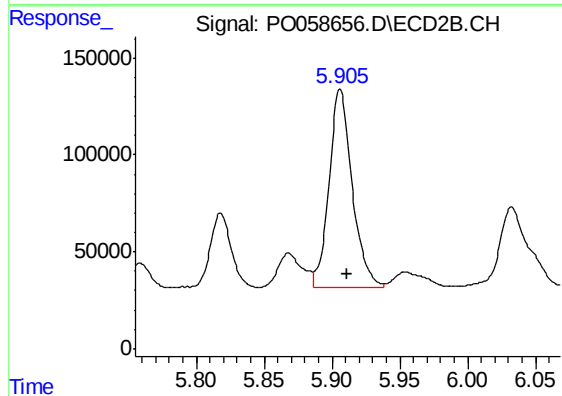
#27 AR-1254-2

R.T.: 5.510 min
Delta R.T.: -0.004 min
Response: 477337
Conc: 208.50 ng/ml



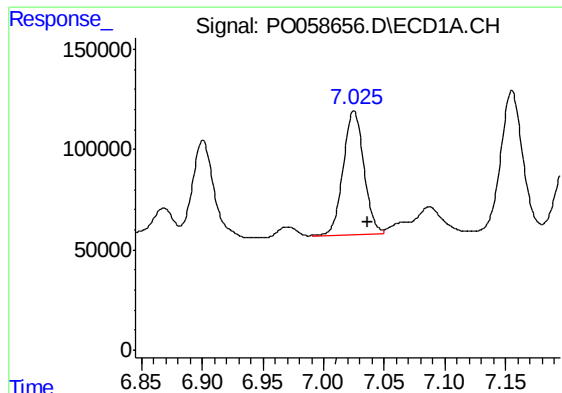
#28 AR-1254-3

R.T.: 6.742 min
Delta R.T.: -0.011 min
Response: 1507224
Conc: 372.19 ng/ml



#28 AR-1254-3

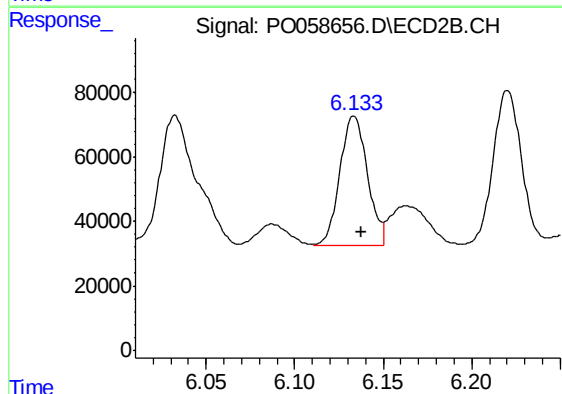
R.T.: 5.906 min
Delta R.T.: -0.005 min
Response: 1207033
Conc: 328.05 ng/ml



#29 AR-1254-4

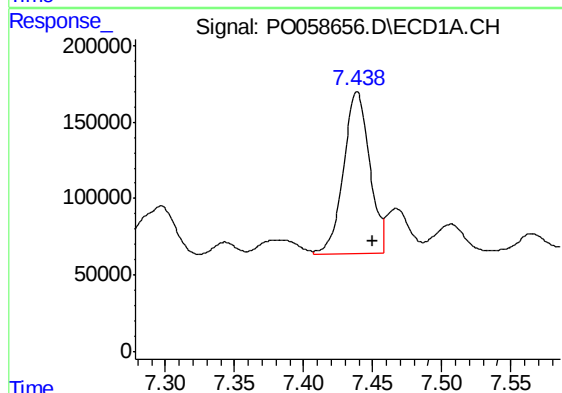
R.T.: 7.025 min
Delta R.T.: -0.011 min
Response: 730863
Conc: 202.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-8



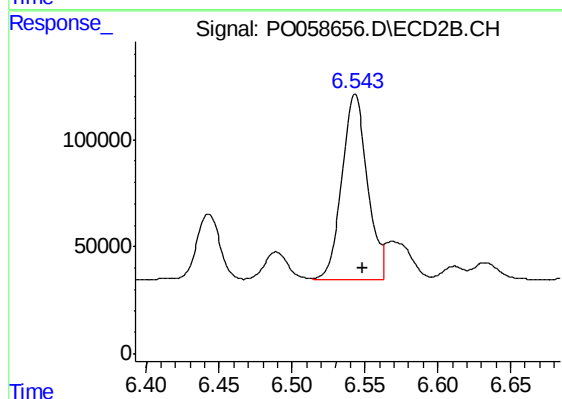
#29 AR-1254-4

R.T.: 6.133 min
Delta R.T.: -0.004 min
Response: 434974
Conc: 187.07 ng/ml



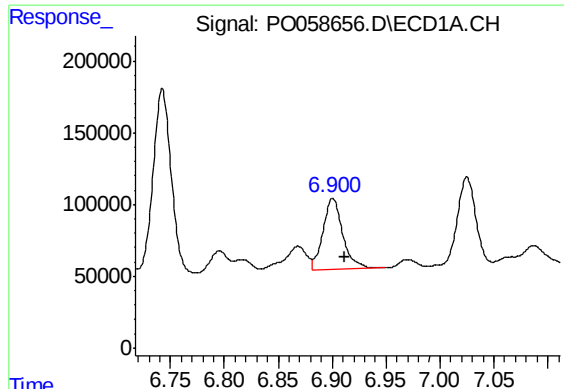
#30 AR-1254-5

R.T.: 7.439 min
Delta R.T.: -0.012 min
Response: 1380430
Conc: 380.83 ng/ml



#30 AR-1254-5

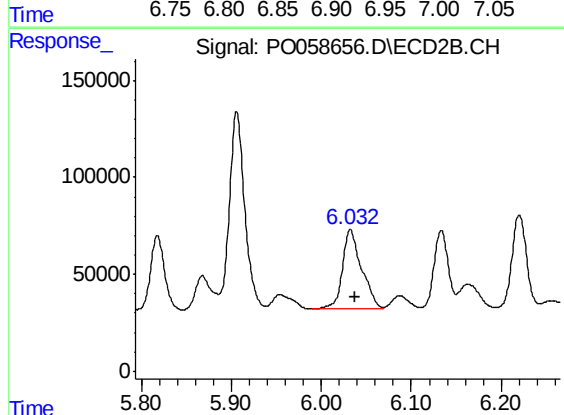
R.T.: 6.543 min
Delta R.T.: -0.005 min
Response: 1059320
Conc: 307.09 ng/ml



#31 AR-1260-1

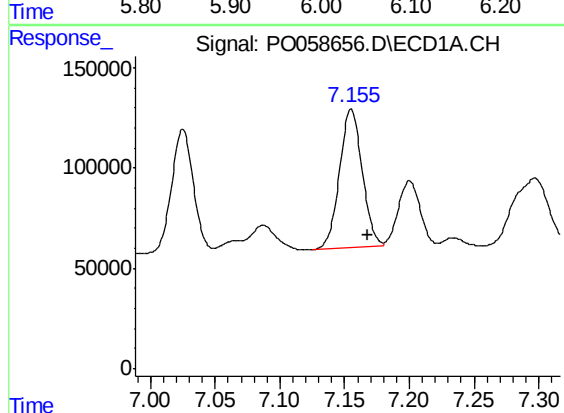
R.T.: 6.901 min
Delta R.T.: -0.011 min
Response: 631399
Conc: 219.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-8



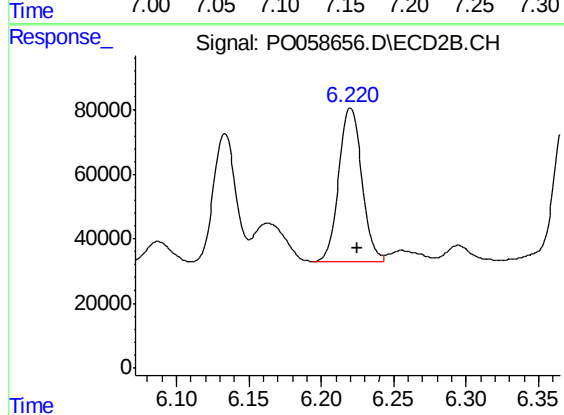
#31 AR-1260-1

R.T.: 6.032 min
Delta R.T.: -0.005 min
Response: 605428
Conc: 254.38 ng/ml



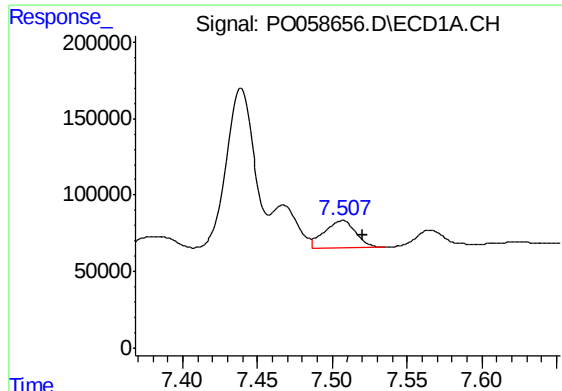
#32 AR-1260-2

R.T.: 7.155 min
Delta R.T.: -0.012 min
Response: 847587
Conc: 203.74 ng/ml



#32 AR-1260-2

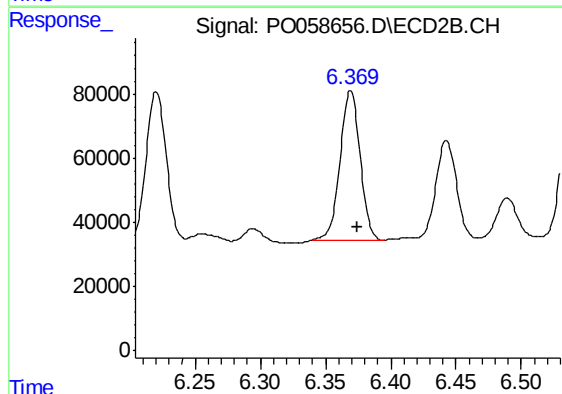
R.T.: 6.220 min
Delta R.T.: -0.004 min
Response: 526300
Conc: 173.74 ng/ml



#33 AR-1260-3

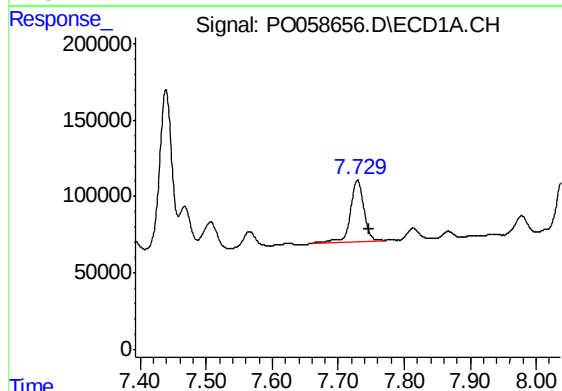
R.T.: 7.507 min
Delta R.T.: -0.014 min
Response: 260309
Conc: 69.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-8



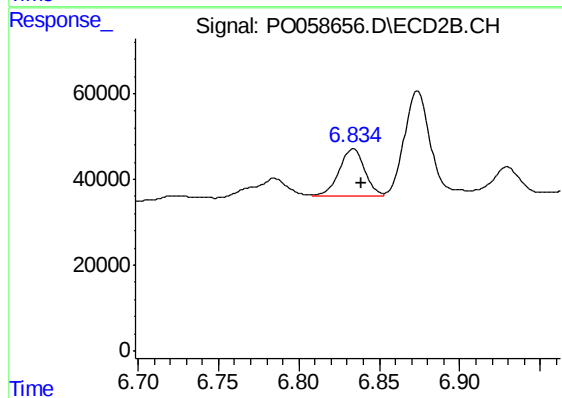
#33 AR-1260-3

R.T.: 6.369 min
Delta R.T.: -0.005 min
Response: 500231
Conc: 185.28 ng/ml



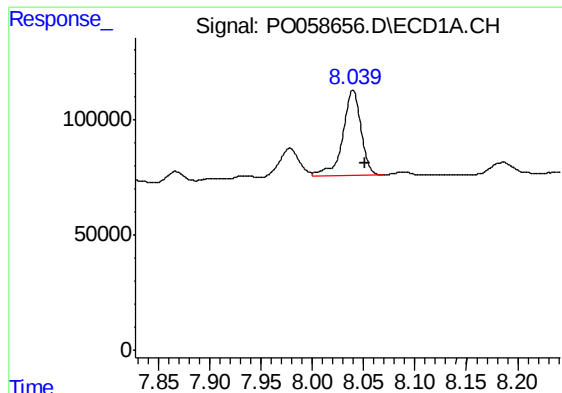
#34 AR-1260-4

R.T.: 7.729 min
Delta R.T.: -0.017 min
Response: 560378
Conc: 164.44 ng/ml



#34 AR-1260-4

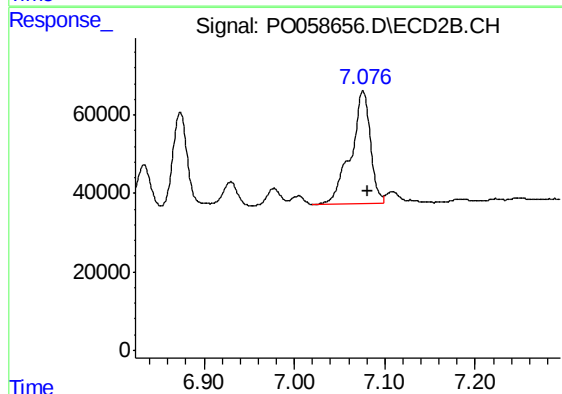
R.T.: 6.834 min
Delta R.T.: -0.005 min
Response: 121519
Conc: 53.78 ng/ml



#35 AR-1260-5

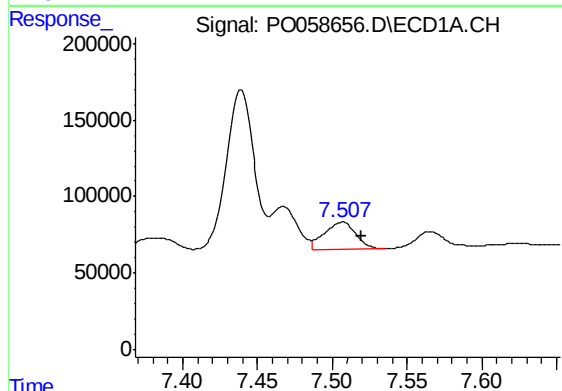
R.T.: 8.040 min
Delta R.T.: -0.012 min
Response: 456380
Conc: 62.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-8



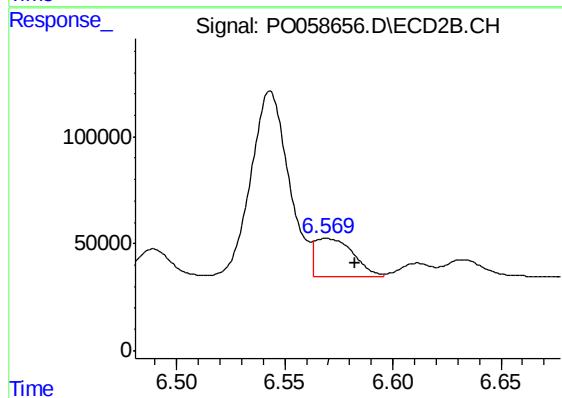
#35 AR-1260-5

R.T.: 7.076 min
Delta R.T.: -0.006 min
Response: 436482
Conc: 81.05 ng/ml



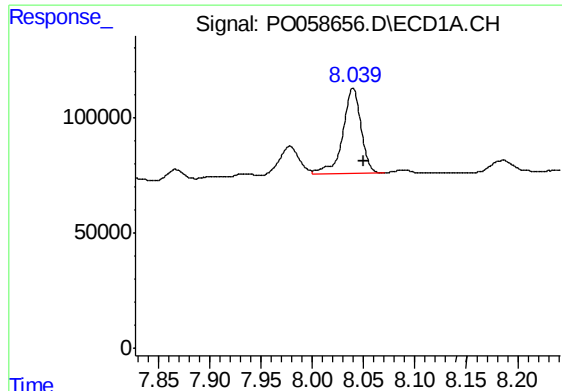
#36 AR-1262-1

R.T.: 7.507 min
Delta R.T.: -0.013 min
Response: 260309
Conc: 51.65 ng/ml



#36 AR-1262-1

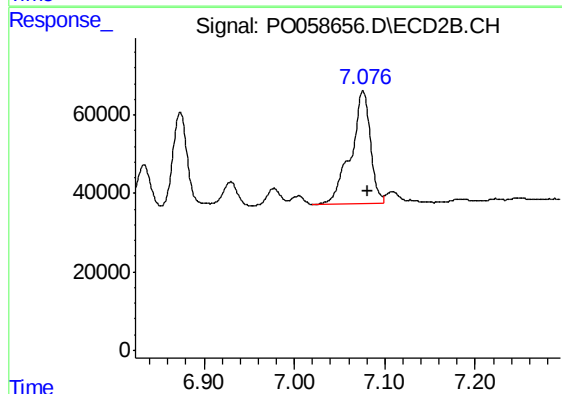
R.T.: 6.569 min
Delta R.T.: -0.013 min
Response: 222613
Conc: 62.33 ng/ml



#37 AR-1262-2

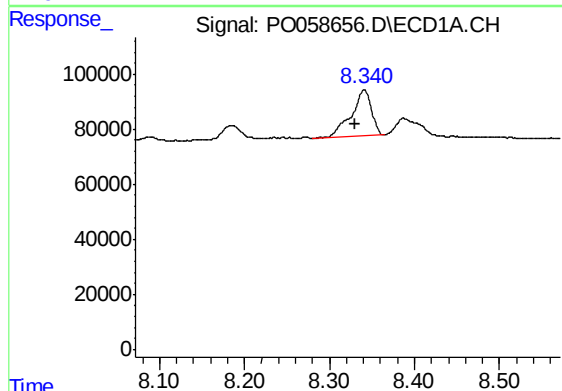
R.T.: 8.040 min
Delta R.T.: -0.010 min
Response: 456380
Conc: 57.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-8



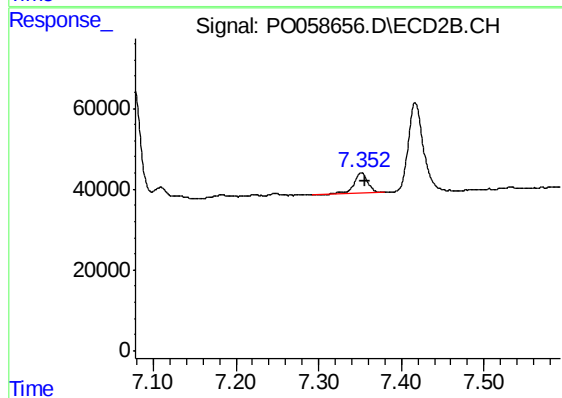
#37 AR-1262-2

R.T.: 7.076 min
Delta R.T.: -0.006 min
Response: 436482
Conc: 77.31 ng/ml



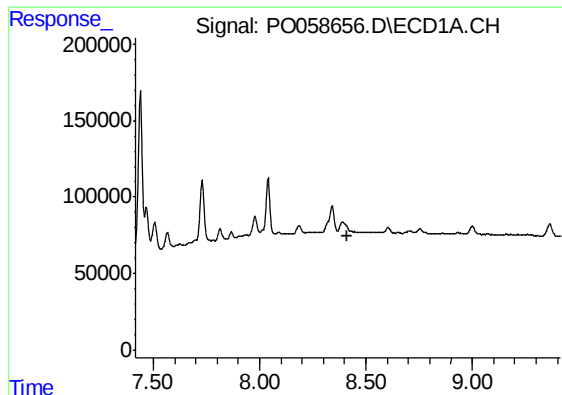
#38 AR-1262-3

R.T.: 8.341 min
Delta R.T.: 0.011 min
Response: 273226
Conc: 53.75 ng/ml



#38 AR-1262-3

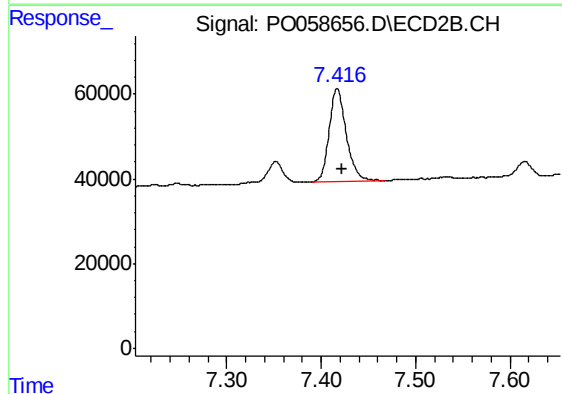
R.T.: 7.352 min
Delta R.T.: -0.005 min
Response: 56688
Conc: 22.97 ng/ml



#39 AR-1262-4

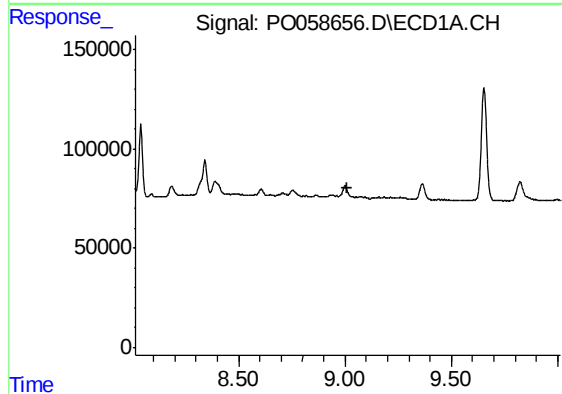
R.T.: 0.000 min
Exp R.T. : 8.415 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-8



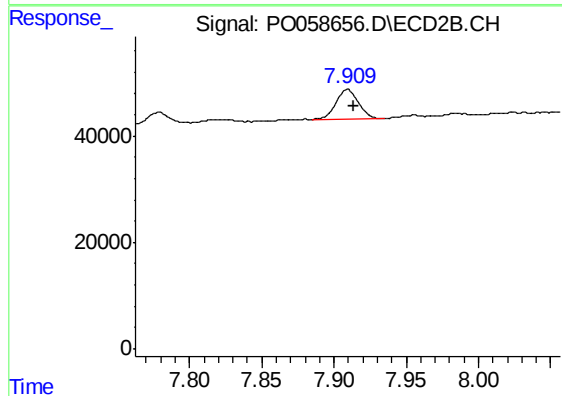
#39 AR-1262-4

R.T.: 7.417 min
Delta R.T.: -0.005 min
Response: 278622
Conc: 65.62 ng/ml



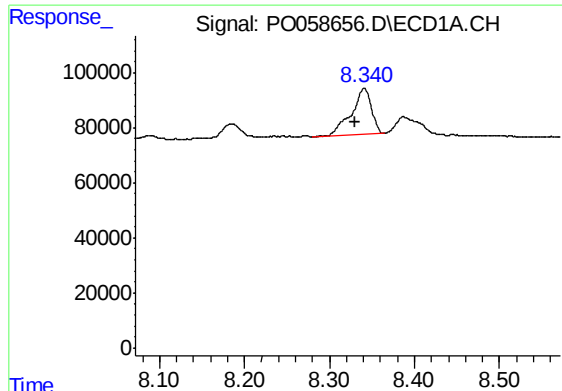
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.013 min
Response: 0
Conc: N.D.



#40 AR-1262-5

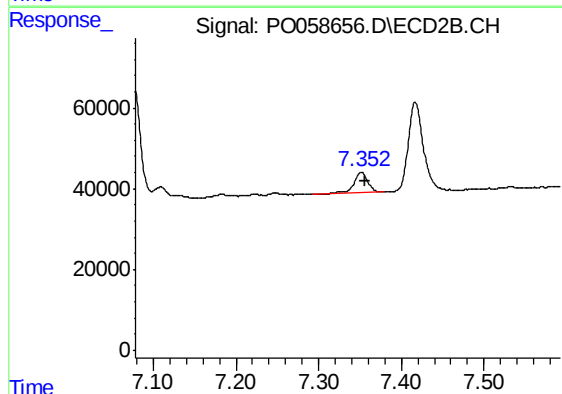
R.T.: 7.909 min
Delta R.T.: -0.004 min
Response: 60929
Conc: 35.83 ng/ml



#41 AR-1268-1

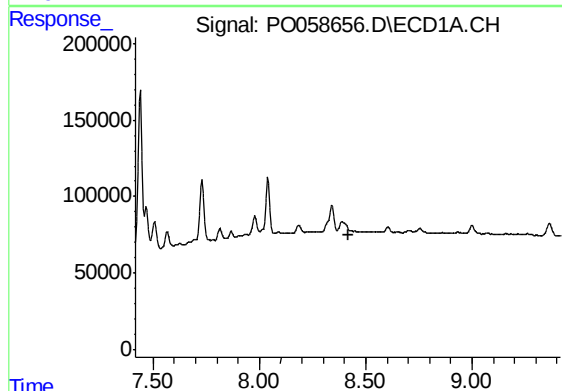
R.T.: 8.341 min
Delta R.T.: 0.011 min
Response: 273226
Conc: 24.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-8



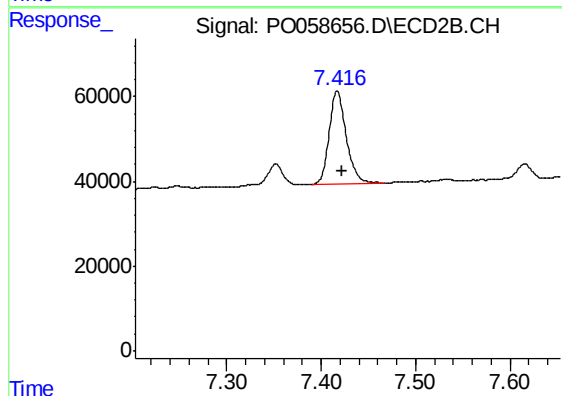
#41 AR-1268-1

R.T.: 7.352 min
Delta R.T.: -0.005 min
Response: 56688
Conc: 6.96 ng/ml



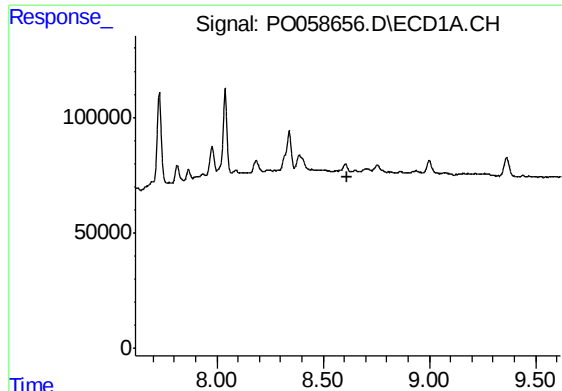
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.417 min
Response: 0
Conc: N.D.



#42 AR-1268-2

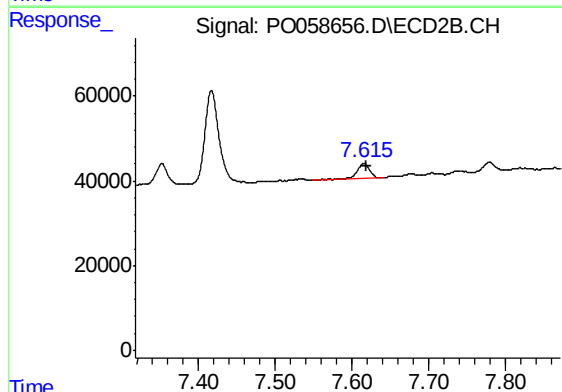
R.T.: 7.417 min
Delta R.T.: -0.005 min
Response: 278622
Conc: 36.77 ng/ml



#43 AR-1268-3

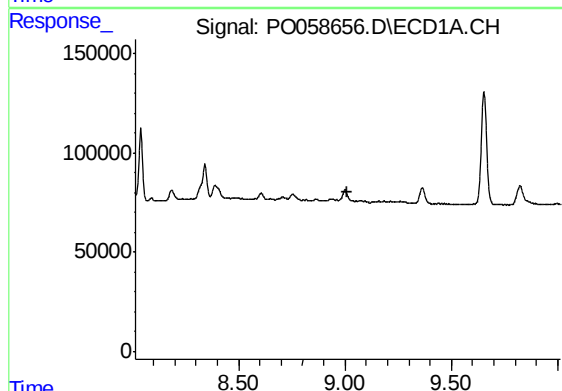
R.T.: 0.000 min
Exp R.T. : 8.617 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-8



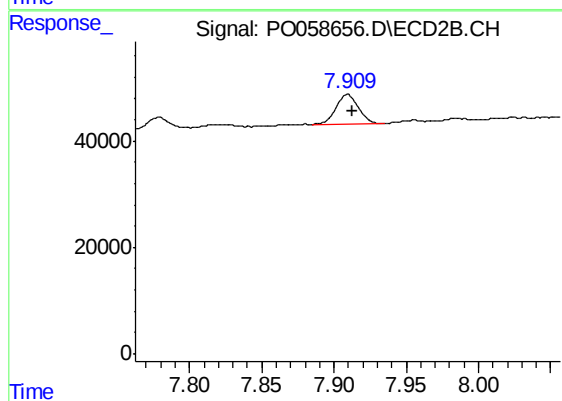
#43 AR-1268-3

R.T.: 7.616 min
Delta R.T.: -0.003 min
Response: 39632
Conc: 6.20 ng/ml



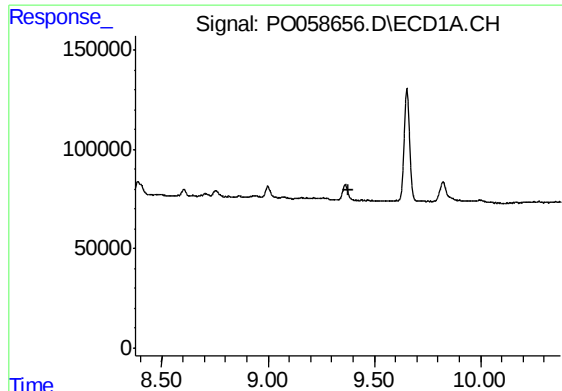
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.014 min
Response: 0
Conc: N.D.



#44 AR-1268-4

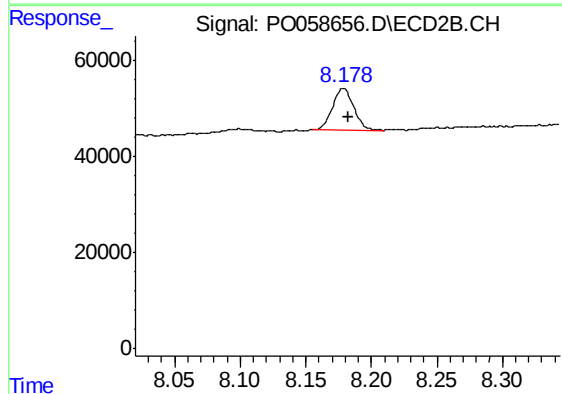
R.T.: 7.909 min
Delta R.T.: -0.004 min
Response: 60929
Conc: 26.25 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.377 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-8



#45 AR-1268-5

R.T.: 8.179 min
Delta R.T.: -0.004 min
Response: 97082
Conc: 5.66 ng/ml