

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO120519\
 Data File : P0064356.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Dec 2019 12:57
 Operator : SM/AJ
 Sample : K6142-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 1D

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 05 13:40:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO112719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 28 01:28:08 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...	4.314	3.562	766784	693735	25.891	29.167
2)	SA Decachlor...	9.942	8.522	416912	497557	10.173	12.180
Target Compounds							
3)	L1 AR-1016-1	5.453	0.000	15795	0	12.168	N.D. #
4)	L1 AR-1016-2	5.501	0.000	15846	0	8.692	N.D. #
5)	L1 AR-1016-3	5.554	4.871	5913	10022	5.152	13.012 #
6)	L1 AR-1016-4	5.658	4.871	1892	10022	2.011	15.406 #
7)	L1 AR-1016-5	5.953	0.000	4598	0	4.725	N.D. #
8)	L2 AR-1221-1	4.523	0.000	2779	0	7.822	N.D. #
9)	L2 AR-1221-2	4.618	3.861	18321	18961	66.264	94.874 #
10)	L2 AR-1221-3	4.697	3.989	11159	19651	13.290	30.389 #
11)	L3 AR-1232-1	4.697	3.989	11159	19651	8.704	19.404 #
12)	L3 AR-1232-2	5.162	0.000	18859	0	26.845	N.D. #
13)	L3 AR-1232-3	5.501	4.871	15846	10022	11.443	17.239 #
14)	L3 AR-1232-4	5.658	4.871	1892	10022	2.659	18.878 #
15)	L3 AR-1232-5	5.746	0.000	10712	0	19.019	N.D. #
16)	L4 AR-1242-1	5.453	0.000	15795	0	16.588	N.D. #
17)	L4 AR-1242-2	5.501	0.000	15846	0	11.733	N.D. #
18)	L4 AR-1242-3	5.554	4.871	5913	10022	6.890	17.883 #
19)	L4 AR-1242-4	5.658	4.871	1892	10022	2.705	17.670 #
20)	L4 AR-1242-5	6.394	5.432	31585	79110	37.387	100.803 #
21)	L5 AR-1248-1	5.453	0.000	15795	0	28.160	N.D. #
22)	L5 AR-1248-2	5.746	4.871	10712	10022	12.926	15.938
23)	L5 AR-1248-3	5.953	4.871	4598	10022	4.999	15.533 #
24)	L5 AR-1248-4	6.356	0.000	70951	0	64.012	N.D. #
25)	L5 AR-1248-5	6.394	5.432	31585	79110	29.437	65.296 #
26)	L6 AR-1254-1	6.322	5.432	149104	79110	91.356	40.252 #
27)	L6 AR-1254-2	6.540	5.578	265143	229236	101.710	128.000 #
28)	L6 AR-1254-3	6.907	5.981	399751	571679	138.501	184.721 #
29)	L6 AR-1254-4	7.191	6.207	335311	332447	146.415	161.128
30)	L6 AR-1254-5	7.608	6.623	1640864	1473302	642.153	488.464
31)	L7 AR-1260-1	7.068	6.109	587854	586428	311.500	334.106
32)	L7 AR-1260-2	7.325	6.296	1169698	1075345	500.149	483.350
33)	L7 AR-1260-3	7.683	6.450	1065227	648496	575.394	318.950 #
34)	L7 AR-1260-4	7.906	6.918	1036841	900230	473.101	485.362
35)	L7 AR-1260-5	8.218	7.160	1775079	2174663	402.060	449.180
36)	L8 AR-1262-1	7.683	6.713	1065227	449156	356.784	357.458
37)	L8 AR-1262-2	8.218	7.160	1775079	2174663	321.938	364.552
38)	L8 AR-1262-3	8.518	7.442	1393659	841339	360.188	360.896
39)	L8 AR-1262-4	8.603	7.505	921240	1616137	315.139	362.925
40)	L8 AR-1262-5	9.230	7.997	878154	646549	418.390	306.126 #
41)	L9 AR-1268-1	8.518	7.442	1393659	841339	213.755	120.504 #

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 ALS Vial : 8 Sample Multiplier: 1

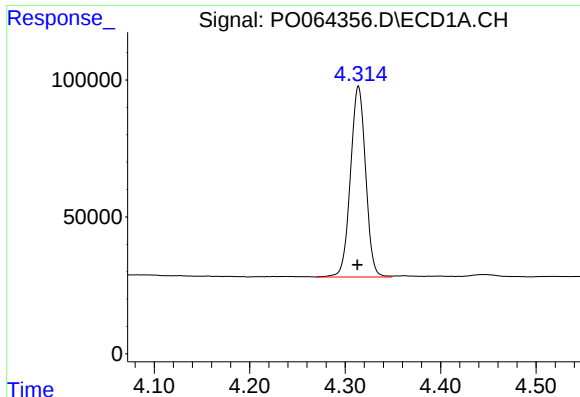
Instrument :
 ECD_O
 ClientSampleId :
 1D

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	8.603	7.505	921240	1616137	152.485	252.421 #
43) L9	AR-1268-3	8.822	7.713	38843	46139	7.823	8.809
44) L9	AR-1268-4	9.230	7.997	878154	646549	375.331	276.753 #
45) L9	AR-1268-5	9.623	8.278	362348	272768	23.587	16.515 #

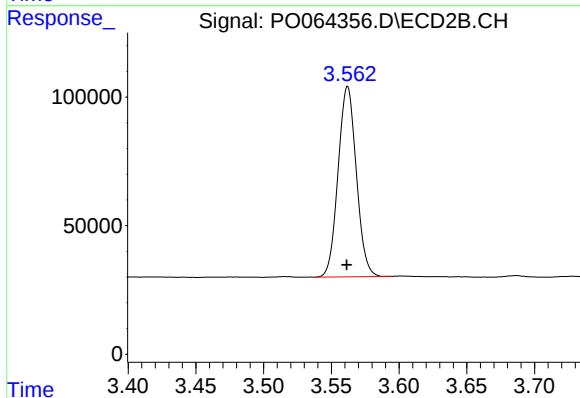
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

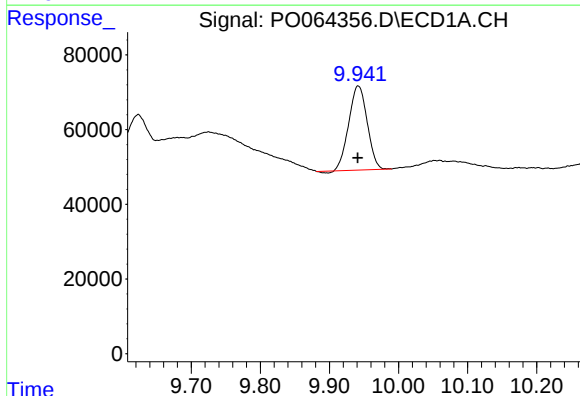
R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 766784
Conc: 25.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
1D



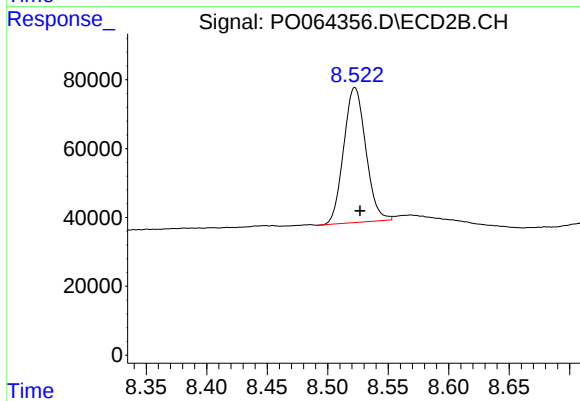
#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: 0.000 min
Response: 693735
Conc: 29.17 ng/ml



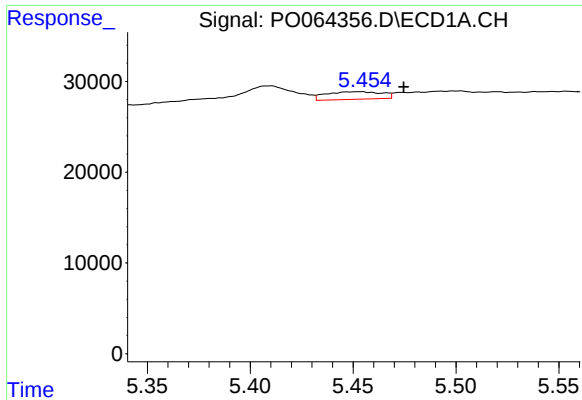
#2 Decachlorobiphenyl

R.T.: 9.942 min
Delta R.T.: 0.000 min
Response: 416912
Conc: 10.17 ng/ml



#2 Decachlorobiphenyl

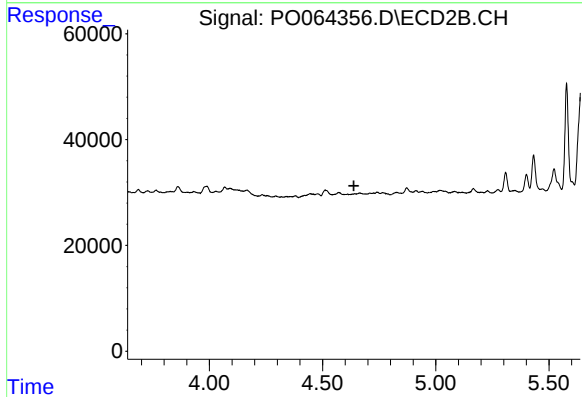
R.T.: 8.522 min
Delta R.T.: -0.004 min
Response: 497557
Conc: 12.18 ng/ml



#3 AR-1016-1

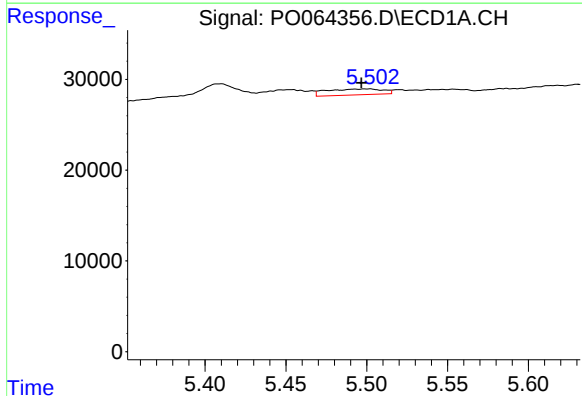
R.T.: 5.453 min
Delta R.T.: -0.021 min
Response: 15795
Conc: 12.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
1D



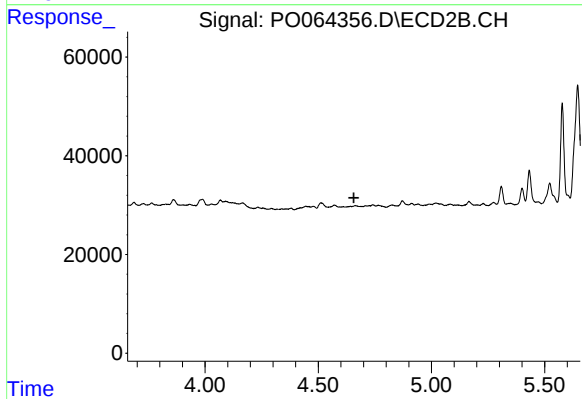
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.638 min
Response: 0
Conc: N.D.



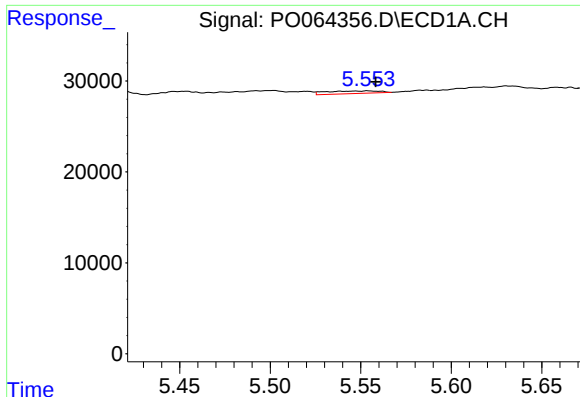
#4 AR-1016-2

R.T.: 5.501 min
Delta R.T.: 0.005 min
Response: 15846
Conc: 8.69 ng/ml



#4 AR-1016-2

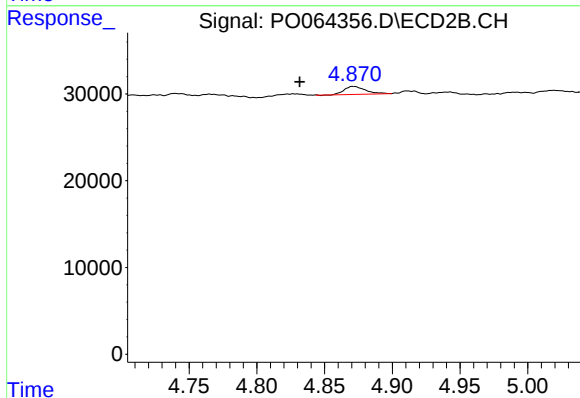
R.T.: 0.000 min
Exp R.T. : 4.657 min
Response: 0
Conc: N.D.



#5 AR-1016-3

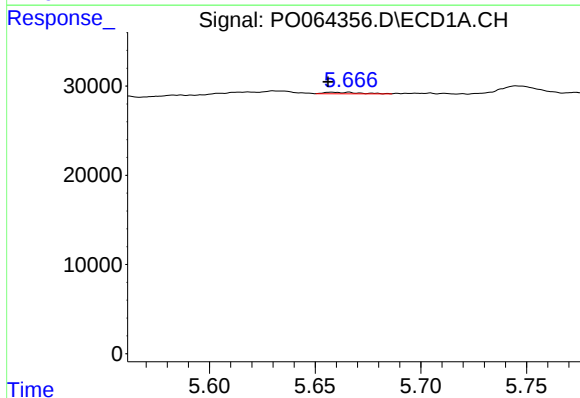
R.T.: 5.554 min
Delta R.T.: -0.004 min
Response: 5913
Conc: 5.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
1D



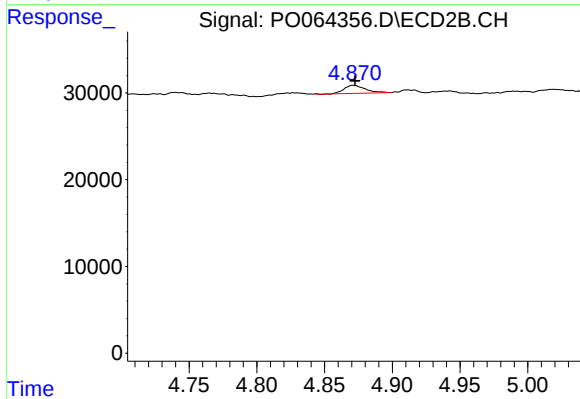
#5 AR-1016-3

R.T.: 4.871 min
Delta R.T.: 0.040 min
Response: 10022
Conc: 13.01 ng/ml



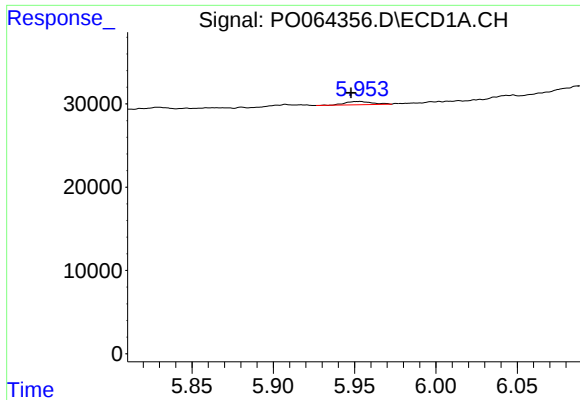
#6 AR-1016-4

R.T.: 5.658 min
Delta R.T.: 0.002 min
Response: 1892
Conc: 2.01 ng/ml



#6 AR-1016-4

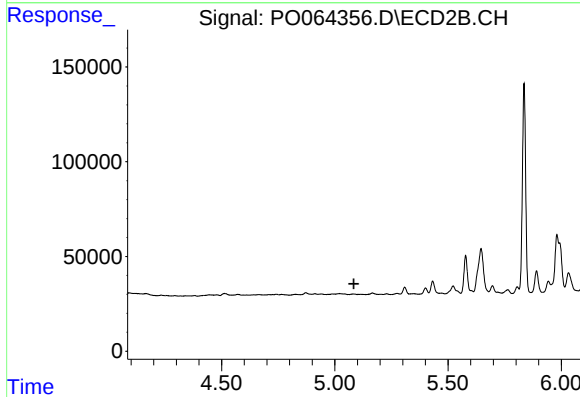
R.T.: 4.871 min
Delta R.T.: -0.001 min
Response: 10022
Conc: 15.41 ng/ml



#7 AR-1016-5

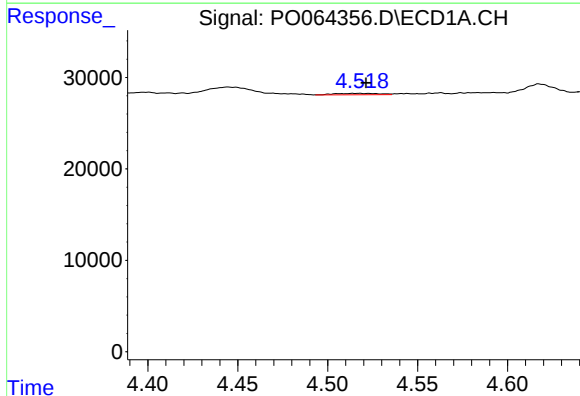
R.T.: 5.953 min
Delta R.T.: 0.005 min
Response: 4598
Conc: 4.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
1D



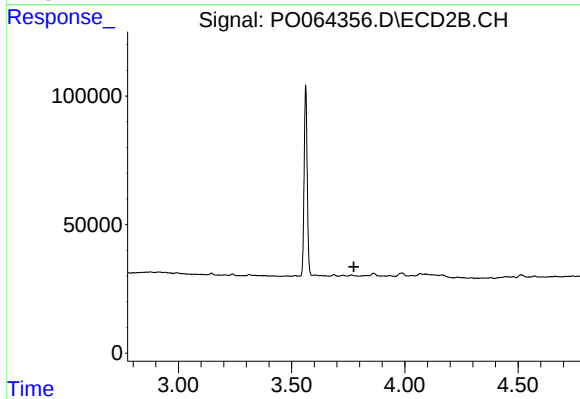
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.084 min
Response: 0
Conc: N.D.



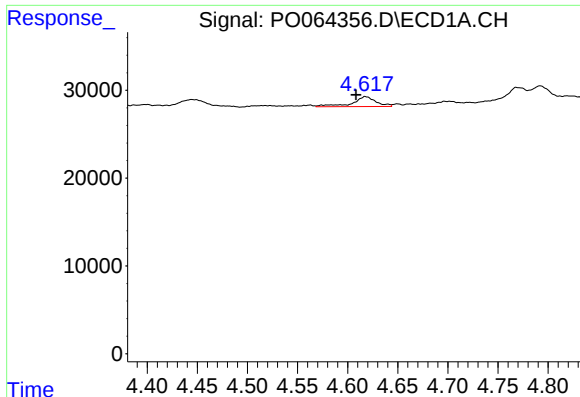
#8 AR-1221-1

R.T.: 4.523 min
Delta R.T.: 0.001 min
Response: 2779
Conc: 7.82 ng/ml



#8 AR-1221-1

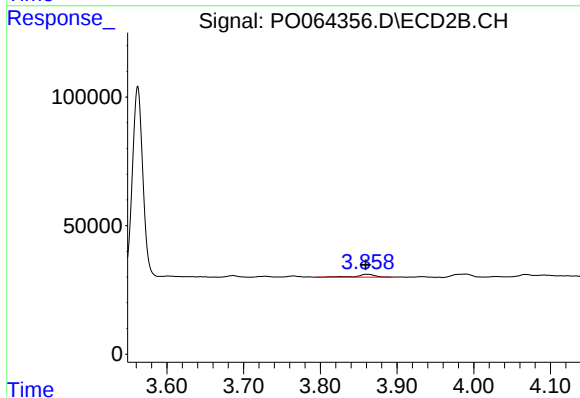
R.T.: 0.000 min
Exp R.T. : 3.775 min
Response: 0
Conc: N.D.



#9 AR-1221-2

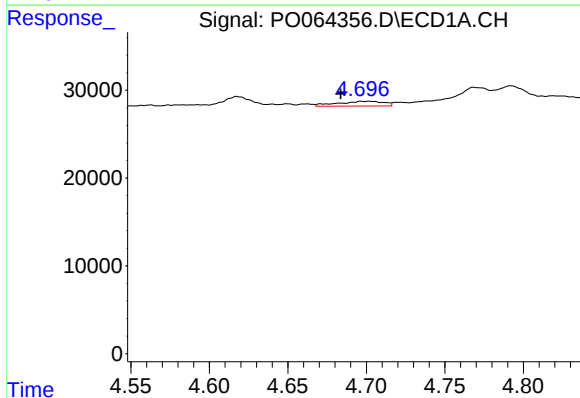
R.T.: 4.618 min
Delta R.T.: 0.010 min
Response: 18321
Conc: 66.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
1D



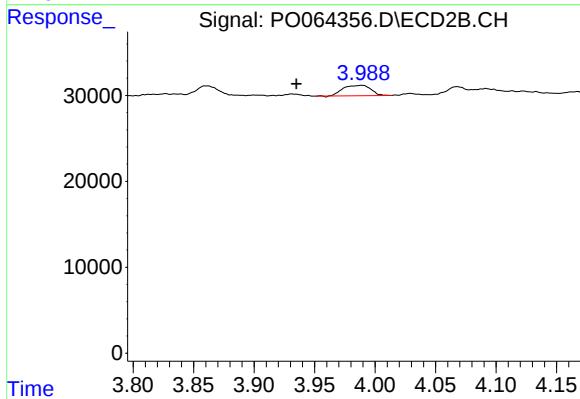
#9 AR-1221-2

R.T.: 3.861 min
Delta R.T.: 0.001 min
Response: 18961
Conc: 94.87 ng/ml



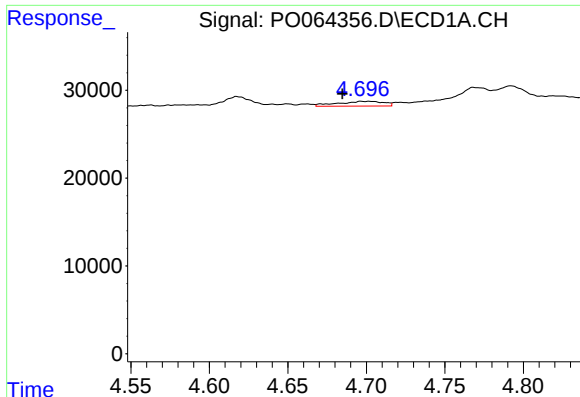
#10 AR-1221-3

R.T.: 4.697 min
Delta R.T.: 0.014 min
Response: 11159
Conc: 13.29 ng/ml



#10 AR-1221-3

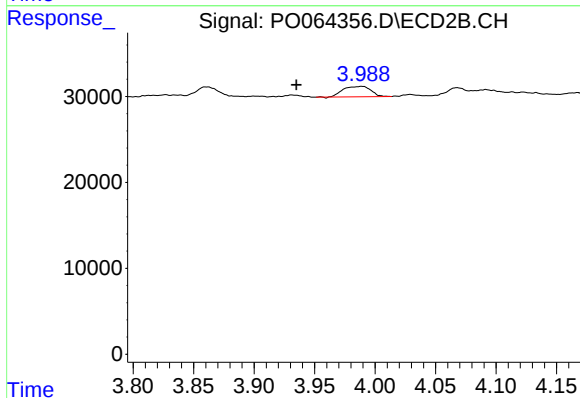
R.T.: 3.989 min
Delta R.T.: 0.054 min
Response: 19651
Conc: 30.39 ng/ml



#11 AR-1232-1

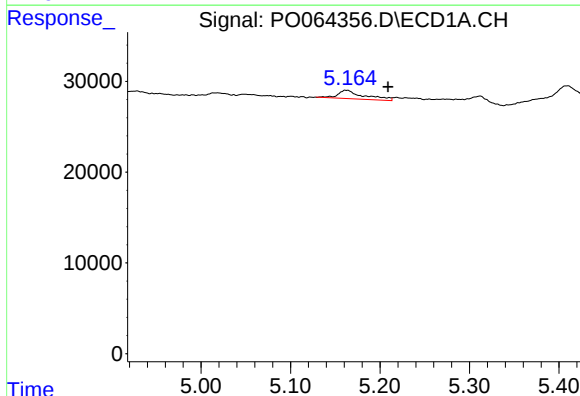
R.T.: 4.697 min
Delta R.T.: 0.013 min
Response: 11159
Conc: 8.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
1D



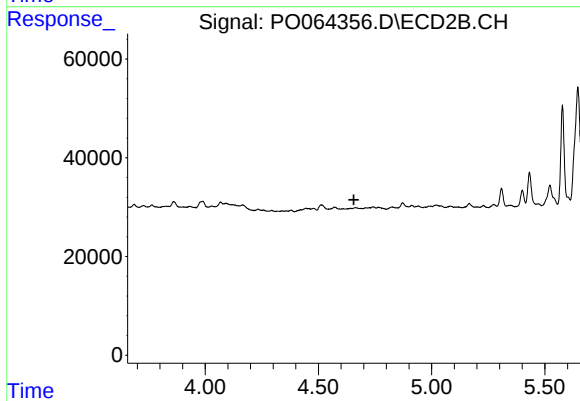
#11 AR-1232-1

R.T.: 3.989 min
Delta R.T.: 0.054 min
Response: 19651
Conc: 19.40 ng/ml



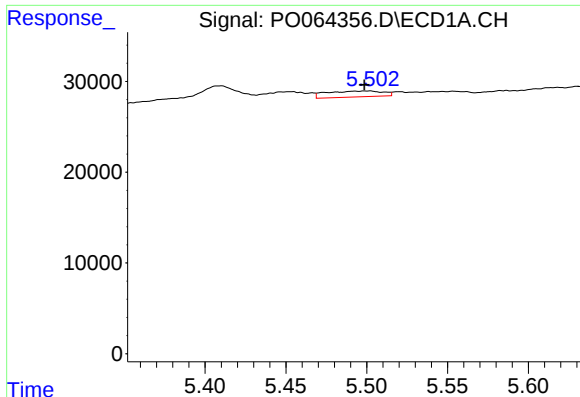
#12 AR-1232-2

R.T.: 5.162 min
Delta R.T.: -0.047 min
Response: 18859
Conc: 26.84 ng/ml



#12 AR-1232-2

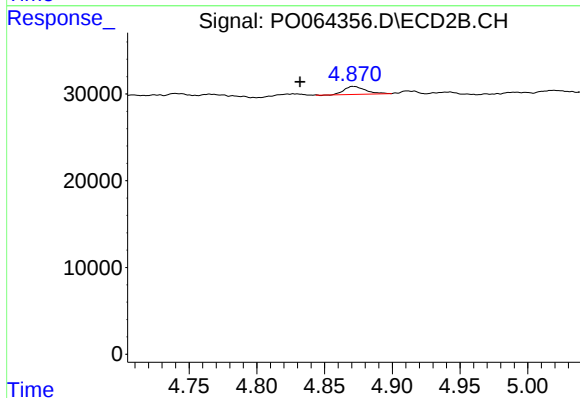
R.T.: 0.000 min
Exp R.T.: 4.657 min
Response: 0
Conc: N.D.



#13 AR-1232-3

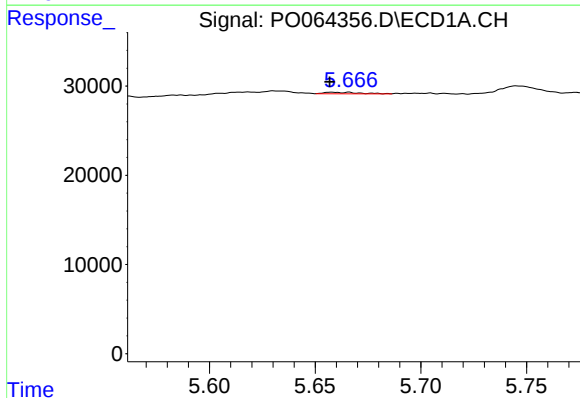
R.T.: 5.501 min
Delta R.T.: 0.003 min
Response: 15846
Conc: 11.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
1D



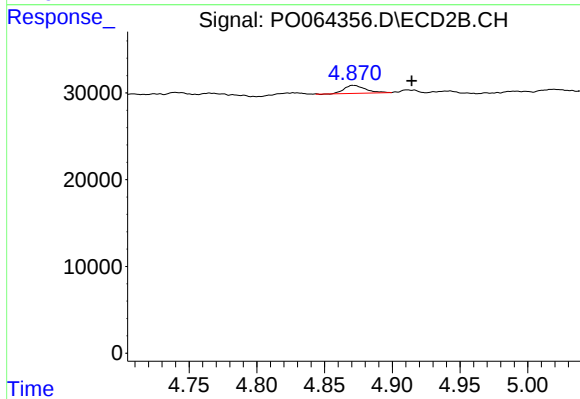
#13 AR-1232-3

R.T.: 4.871 min
Delta R.T.: 0.040 min
Response: 10022
Conc: 17.24 ng/ml



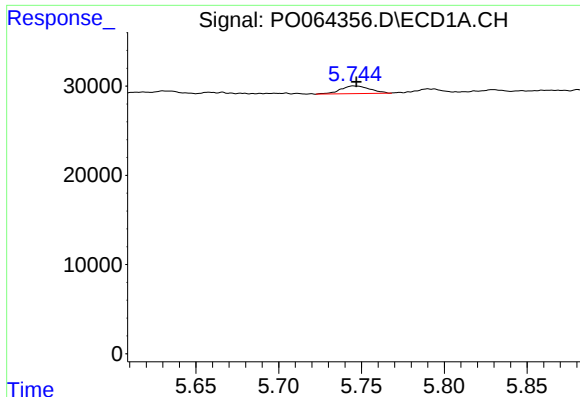
#14 AR-1232-4

R.T.: 5.658 min
Delta R.T.: 0.001 min
Response: 1892
Conc: 2.66 ng/ml



#14 AR-1232-4

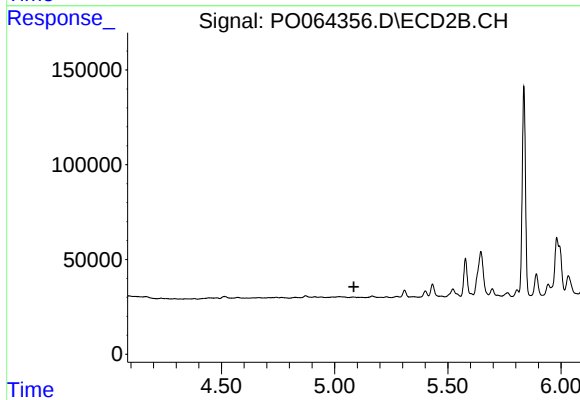
R.T.: 4.871 min
Delta R.T.: -0.043 min
Response: 10022
Conc: 18.88 ng/ml



#15 AR-1232-5

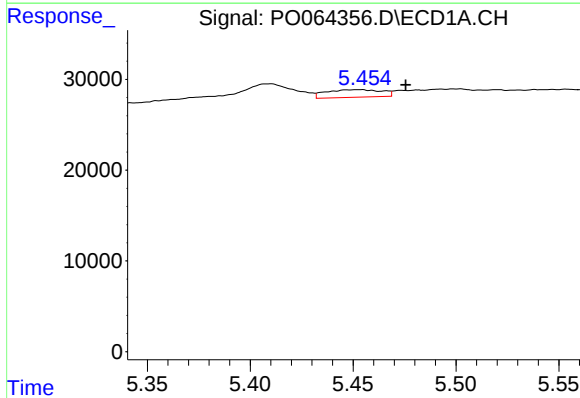
R.T.: 5.746 min
Delta R.T.: -0.001 min
Response: 10712
Conc: 19.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
1D



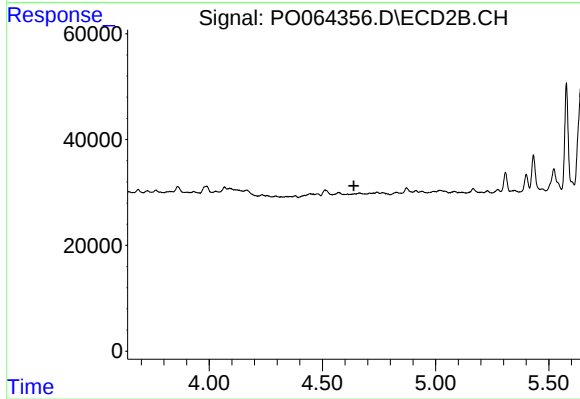
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.085 min
Response: 0
Conc: N.D.



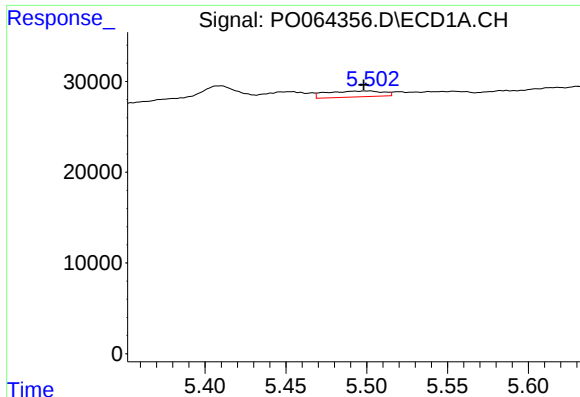
#16 AR-1242-1

R.T.: 5.453 min
Delta R.T.: -0.022 min
Response: 15795
Conc: 16.59 ng/ml



#16 AR-1242-1

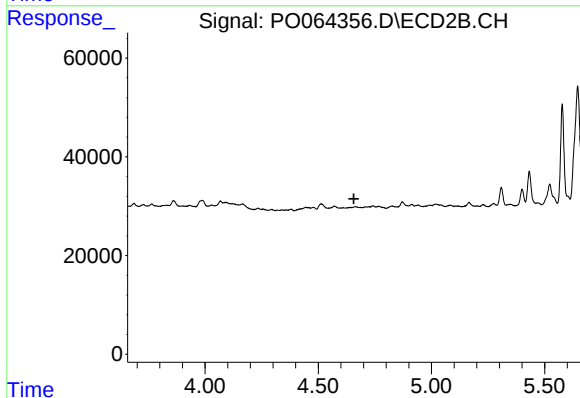
R.T.: 0.000 min
Exp R.T. : 4.639 min
Response: 0
Conc: N.D.



#17 AR-1242-2

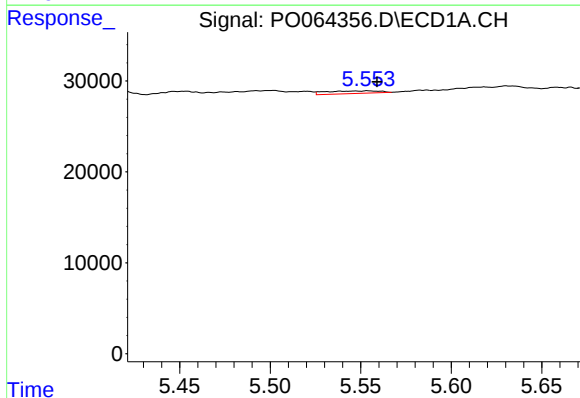
R.T.: 5.501 min
Delta R.T.: 0.003 min
Response: 15846
Conc: 11.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
1D



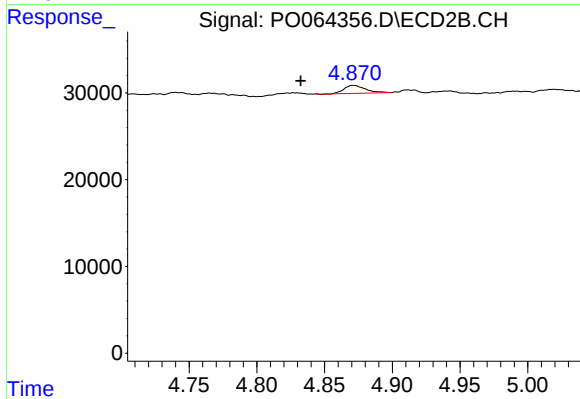
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.658 min
Response: 0
Conc: N.D.



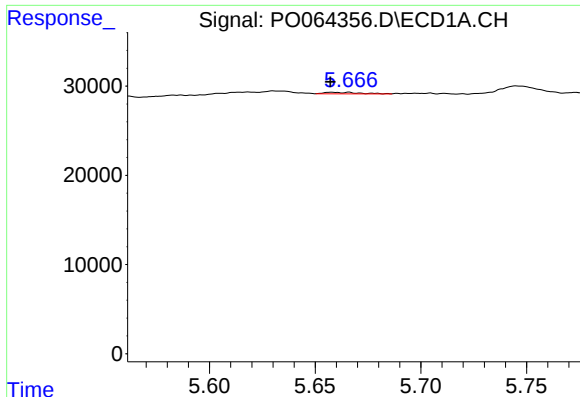
#18 AR-1242-3

R.T.: 5.554 min
Delta R.T.: -0.005 min
Response: 5913
Conc: 6.89 ng/ml



#18 AR-1242-3

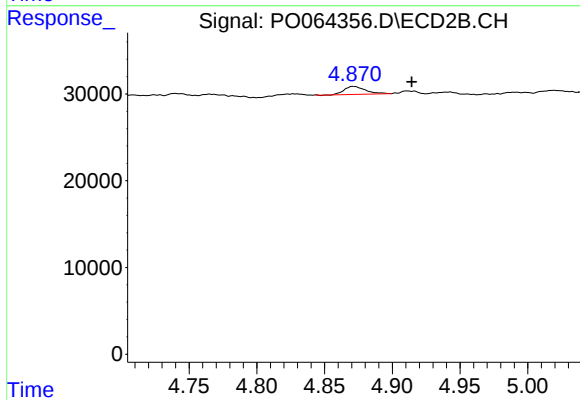
R.T.: 4.871 min
Delta R.T.: 0.039 min
Response: 10022
Conc: 17.88 ng/ml



#19 AR-1242-4

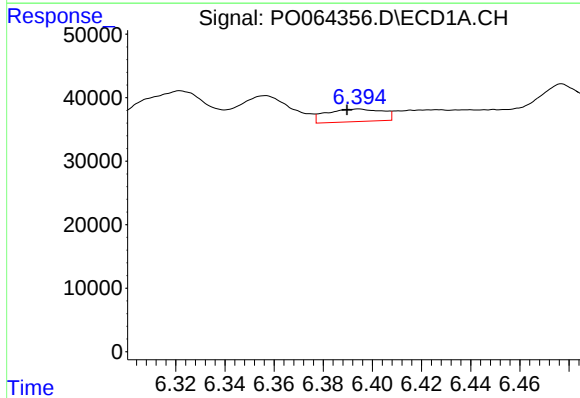
R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 1892
Conc: 2.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
1D



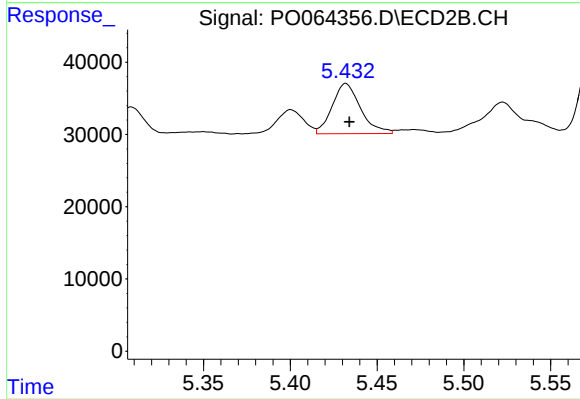
#19 AR-1242-4

R.T.: 4.871 min
Delta R.T.: -0.043 min
Response: 10022
Conc: 17.67 ng/ml



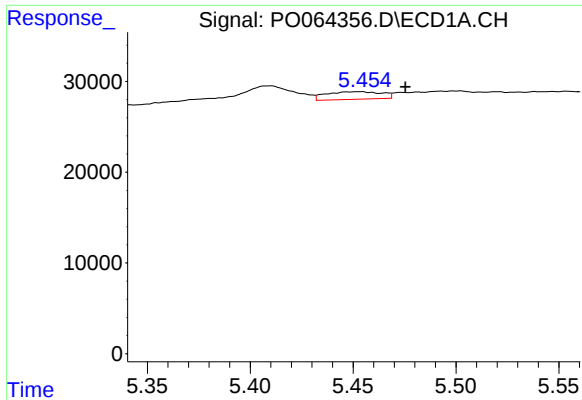
#20 AR-1242-5

R.T.: 6.394 min
Delta R.T.: 0.005 min
Response: 31585
Conc: 37.39 ng/ml



#20 AR-1242-5

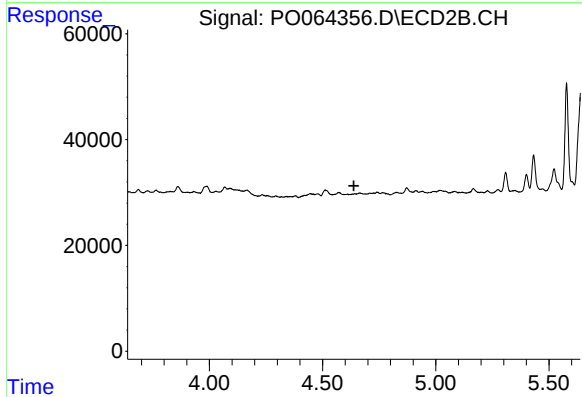
R.T.: 5.432 min
Delta R.T.: -0.002 min
Response: 79110
Conc: 100.80 ng/ml



#21 AR-1248-1

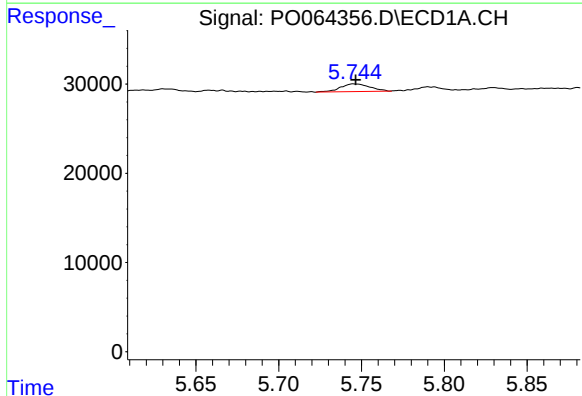
R.T.: 5.453 min
Delta R.T.: -0.022 min
Response: 15795
Conc: 28.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
1D



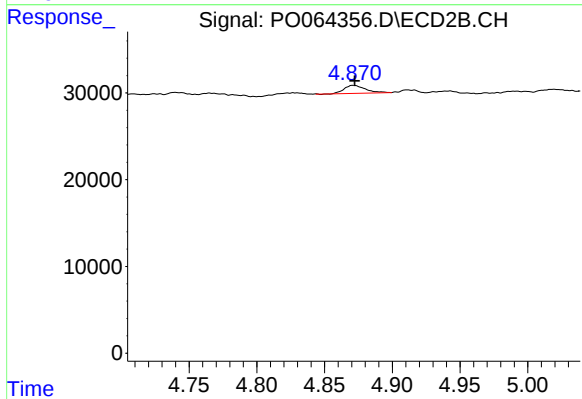
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.638 min
Response: 0
Conc: N.D.



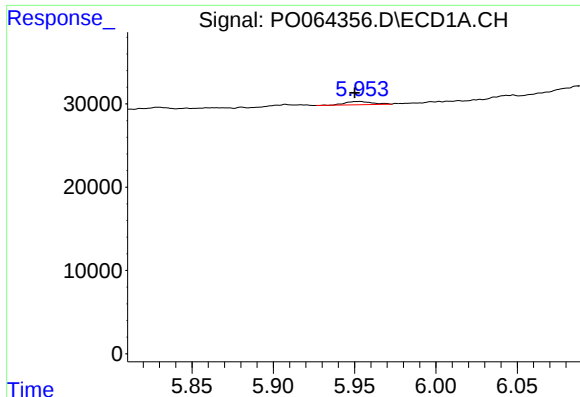
#22 AR-1248-2

R.T.: 5.746 min
Delta R.T.: 0.000 min
Response: 10712
Conc: 12.93 ng/ml



#22 AR-1248-2

R.T.: 4.871 min
Delta R.T.: 0.000 min
Response: 10022
Conc: 15.94 ng/ml



#23 AR-1248-3

R.T.: 5.953 min
Delta R.T.: 0.003 min
Response: 4598
Conc: 5.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
1D

#23 AR-1248-3

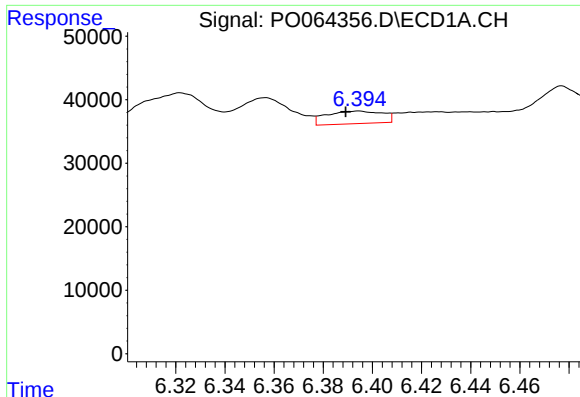
R.T.: 4.871 min
Delta R.T.: -0.042 min
Response: 10022
Conc: 15.53 ng/ml

#24 AR-1248-4

R.T.: 6.356 min
Delta R.T.: 0.005 min
Response: 70951
Conc: 64.01 ng/ml

#24 AR-1248-4

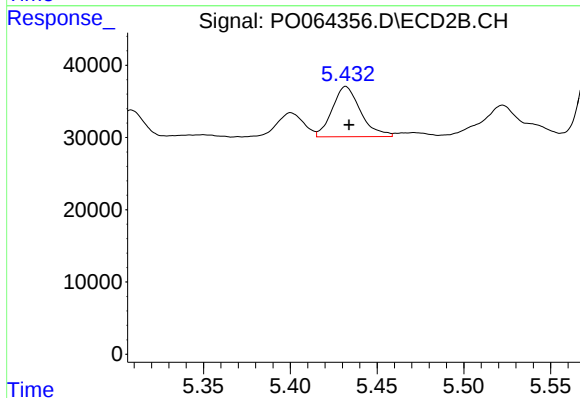
R.T.: 0.000 min
Exp R.T.: 5.085 min
Response: 0
Conc: N.D.



#25 AR-1248-5

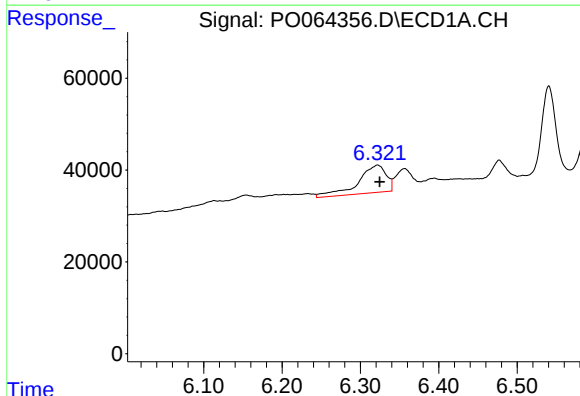
R.T.: 6.394 min
Delta R.T.: 0.005 min
Response: 31585
Conc: 29.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
1D



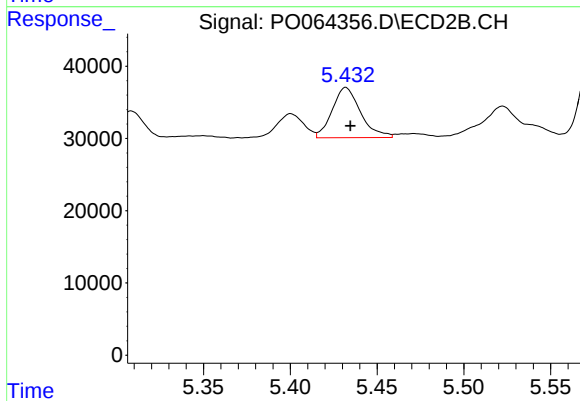
#25 AR-1248-5

R.T.: 5.432 min
Delta R.T.: -0.002 min
Response: 79110
Conc: 65.30 ng/ml



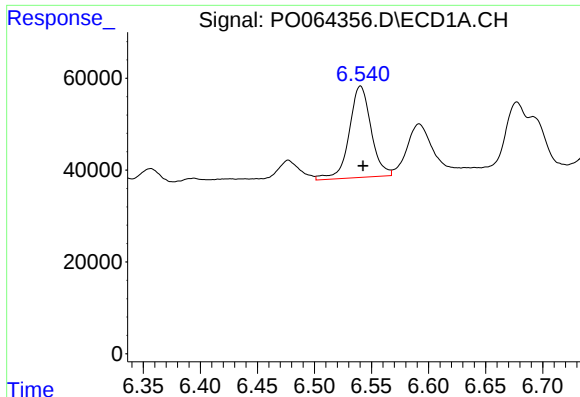
#26 AR-1254-1

R.T.: 6.322 min
Delta R.T.: -0.003 min
Response: 149104
Conc: 91.36 ng/ml



#26 AR-1254-1

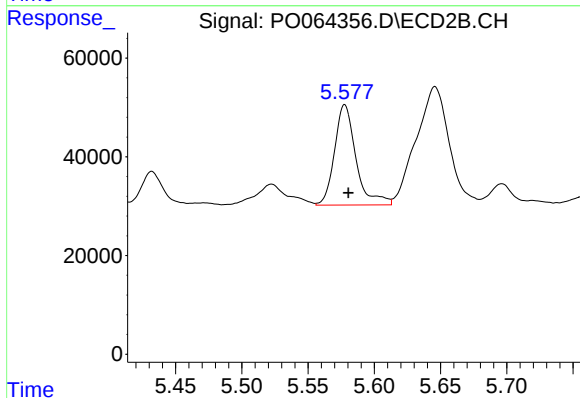
R.T.: 5.432 min
Delta R.T.: -0.003 min
Response: 79110
Conc: 40.25 ng/ml



#27 AR-1254-2

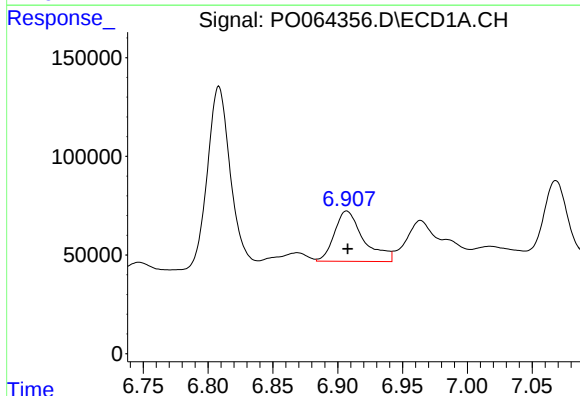
R.T.: 6.540 min
Delta R.T.: -0.002 min
Response: 265143
Conc: 101.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
1D



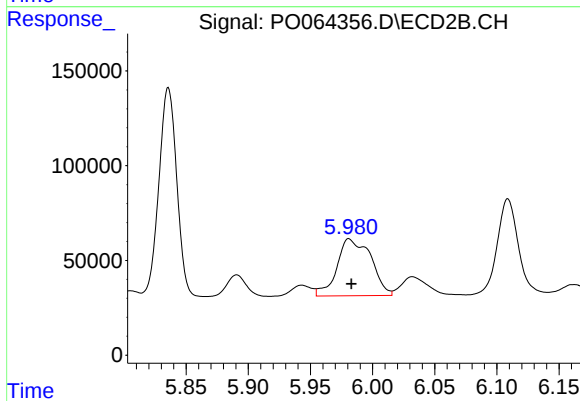
#27 AR-1254-2

R.T.: 5.578 min
Delta R.T.: -0.003 min
Response: 229236
Conc: 128.00 ng/ml



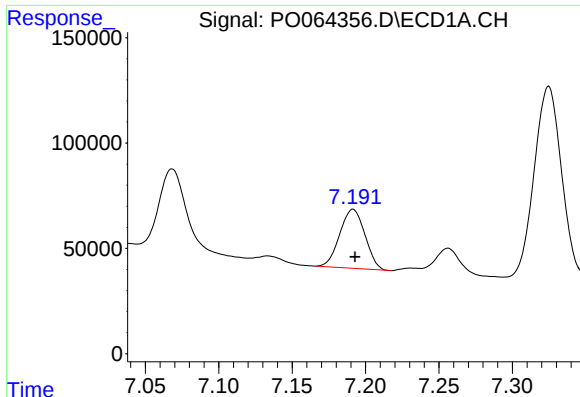
#28 AR-1254-3

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 399751
Conc: 138.50 ng/ml



#28 AR-1254-3

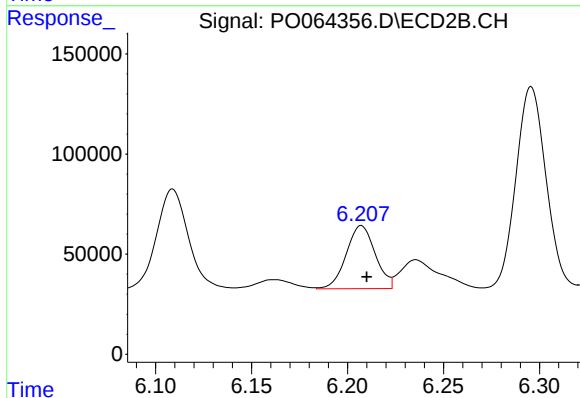
R.T.: 5.981 min
Delta R.T.: -0.002 min
Response: 571679
Conc: 184.72 ng/ml



#29 AR-1254-4

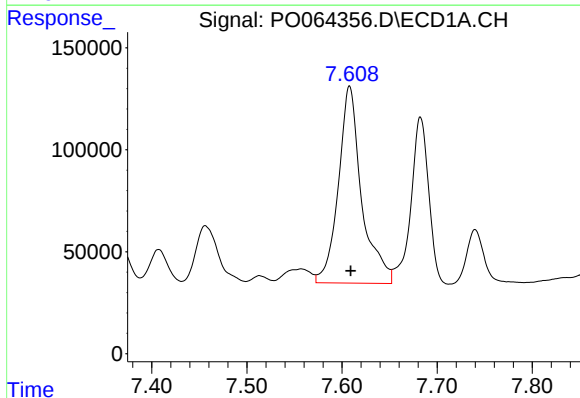
R.T.: 7.191 min
Delta R.T.: -0.001 min
Response: 335311
Conc: 146.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
1D



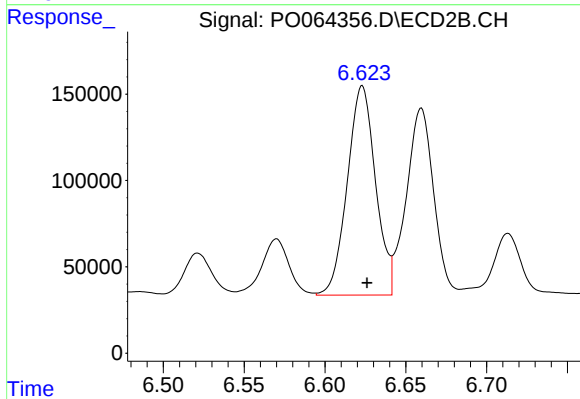
#29 AR-1254-4

R.T.: 6.207 min
Delta R.T.: -0.003 min
Response: 332447
Conc: 161.13 ng/ml



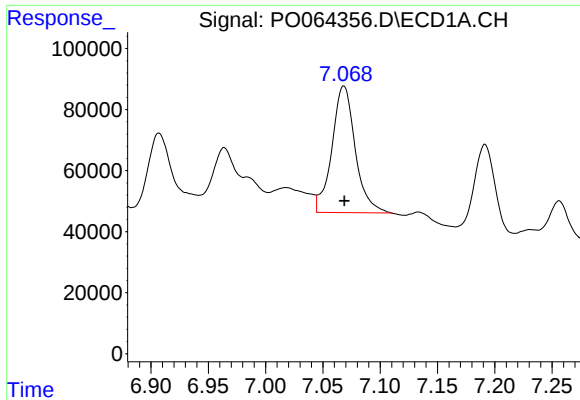
#30 AR-1254-5

R.T.: 7.608 min
Delta R.T.: -0.001 min
Response: 1640864
Conc: 642.15 ng/ml



#30 AR-1254-5

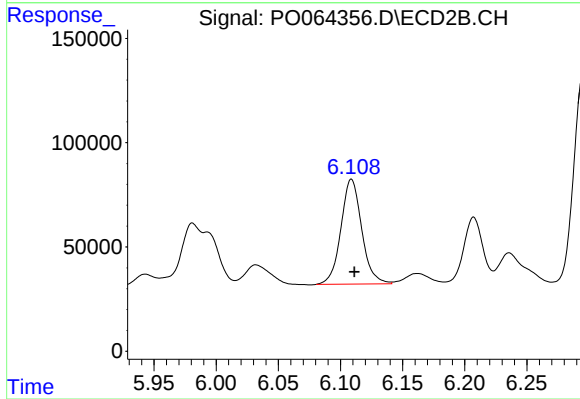
R.T.: 6.623 min
Delta R.T.: -0.003 min
Response: 1473302
Conc: 488.46 ng/ml



#31 AR-1260-1

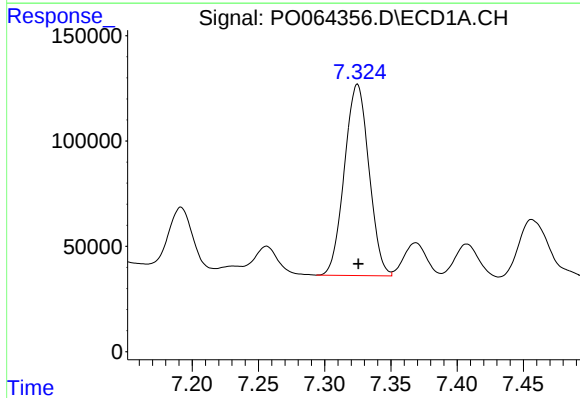
R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 587854
Conc: 311.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
1D



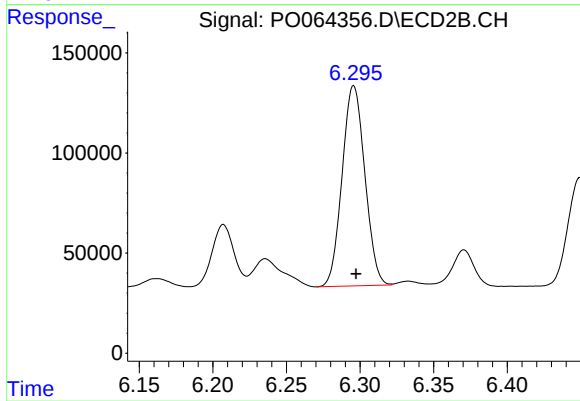
#31 AR-1260-1

R.T.: 6.109 min
Delta R.T.: -0.002 min
Response: 586428
Conc: 334.11 ng/ml



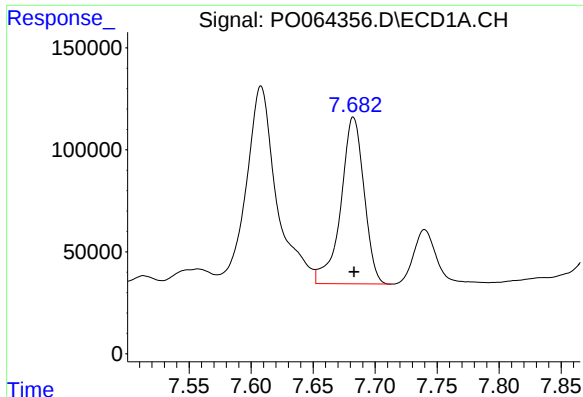
#32 AR-1260-2

R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 1169698
Conc: 500.15 ng/ml



#32 AR-1260-2

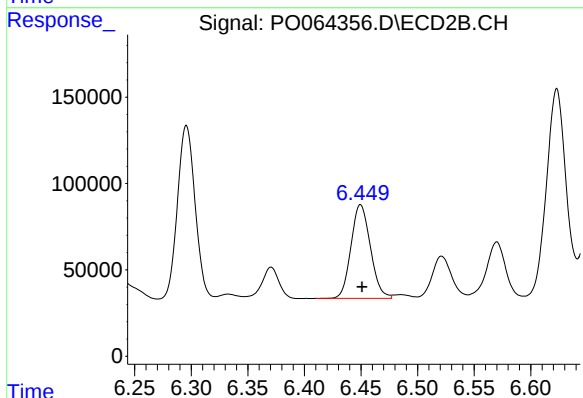
R.T.: 6.296 min
Delta R.T.: -0.002 min
Response: 1075345
Conc: 483.35 ng/ml



#33 AR-1260-3

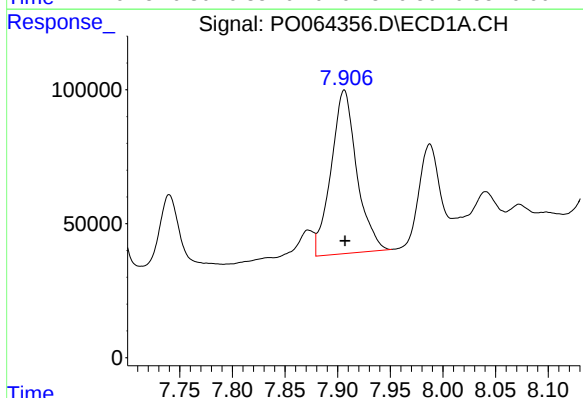
R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 1065227
Conc: 575.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
1D



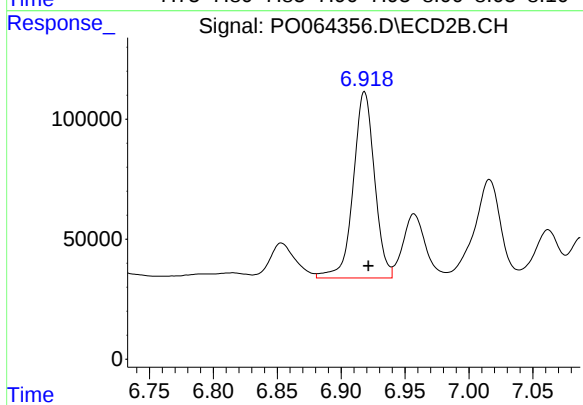
#33 AR-1260-3

R.T.: 6.450 min
Delta R.T.: -0.001 min
Response: 648496
Conc: 318.95 ng/ml



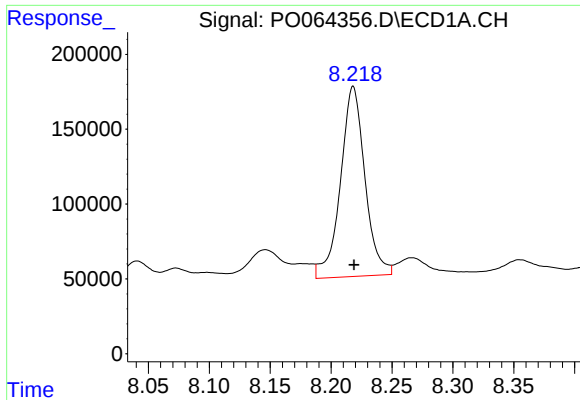
#34 AR-1260-4

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 1036841
Conc: 473.10 ng/ml



#34 AR-1260-4

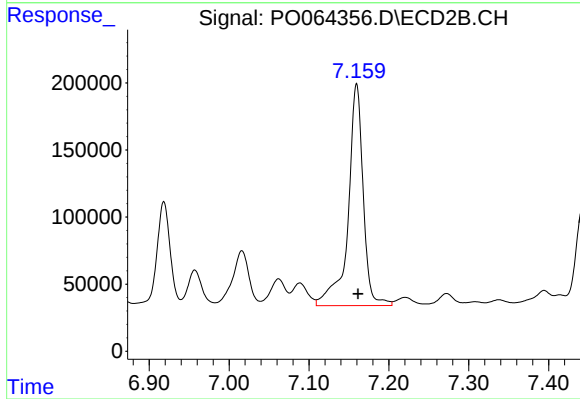
R.T.: 6.918 min
Delta R.T.: -0.003 min
Response: 900230
Conc: 485.36 ng/ml



#35 AR-1260-5

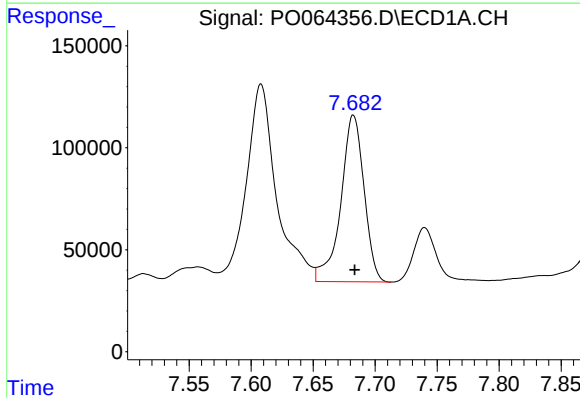
R.T.: 8.218 min
Delta R.T.: 0.000 min
Response: 1775079
Conc: 402.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
1D



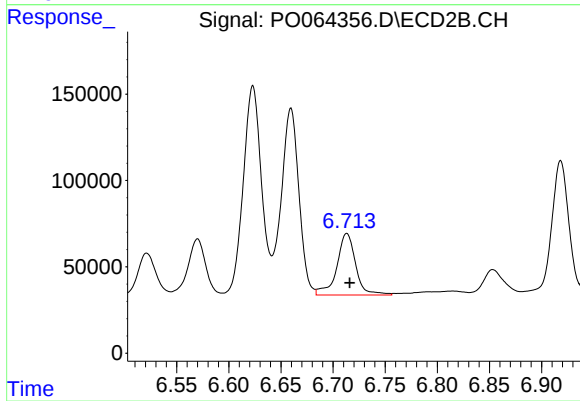
#35 AR-1260-5

R.T.: 7.160 min
Delta R.T.: -0.002 min
Response: 2174663
Conc: 449.18 ng/ml



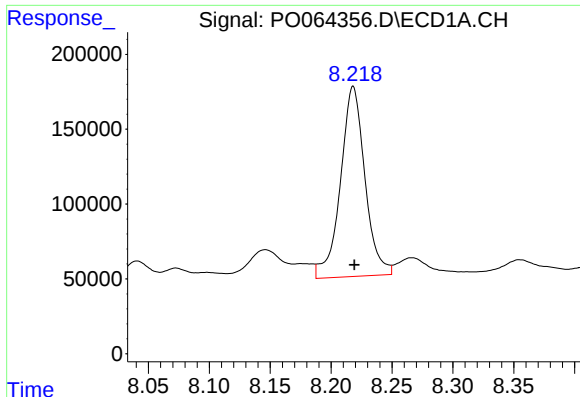
#36 AR-1262-1

R.T.: 7.683 min
Delta R.T.: -0.001 min
Response: 1065227
Conc: 356.78 ng/ml



#36 AR-1262-1

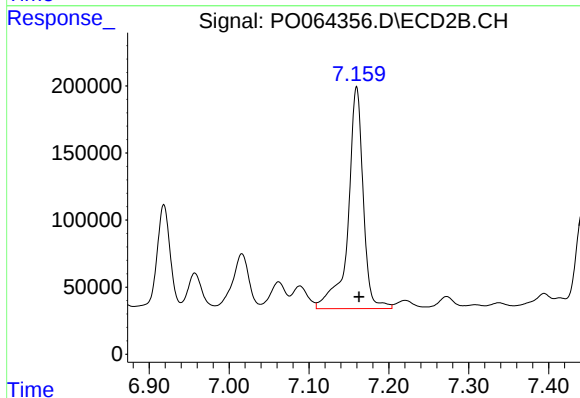
R.T.: 6.713 min
Delta R.T.: -0.003 min
Response: 449156
Conc: 357.46 ng/ml



#37 AR-1262-2

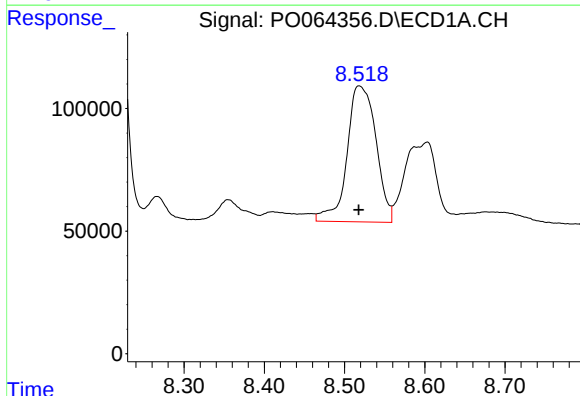
R.T.: 8.218 min
Delta R.T.: -0.001 min
Response: 1775079
Conc: 321.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
1D



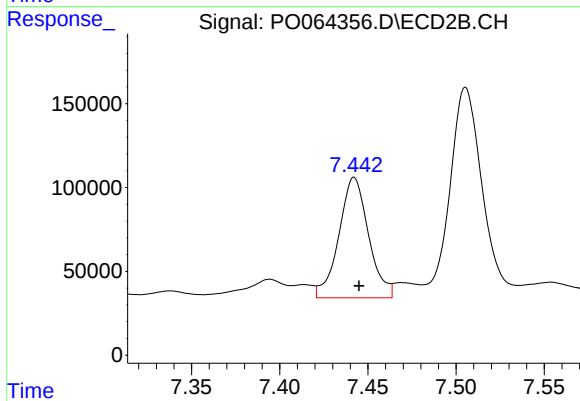
#37 AR-1262-2

R.T.: 7.160 min
Delta R.T.: -0.003 min
Response: 2174663
Conc: 364.55 ng/ml



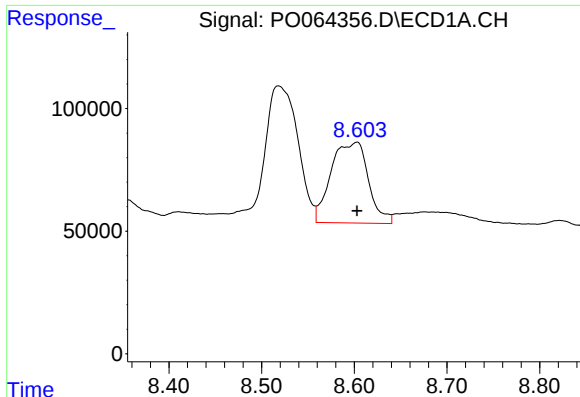
#38 AR-1262-3

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 1393659
Conc: 360.19 ng/ml



#38 AR-1262-3

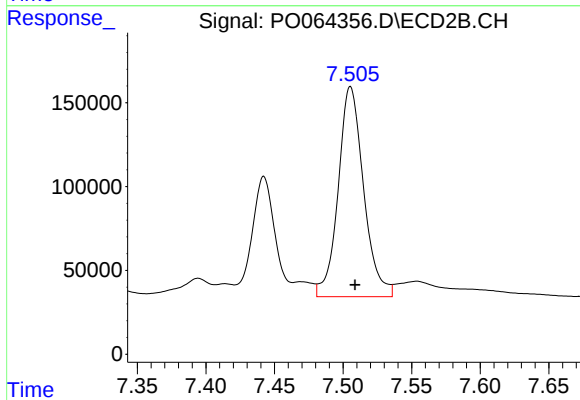
R.T.: 7.442 min
Delta R.T.: -0.003 min
Response: 841339
Conc: 360.90 ng/ml



#39 AR-1262-4

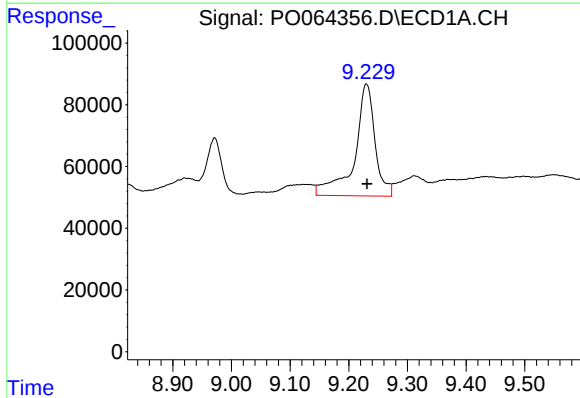
R.T.: 8.603 min
Delta R.T.: 0.000 min
Response: 921240
Conc: 315.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
1D



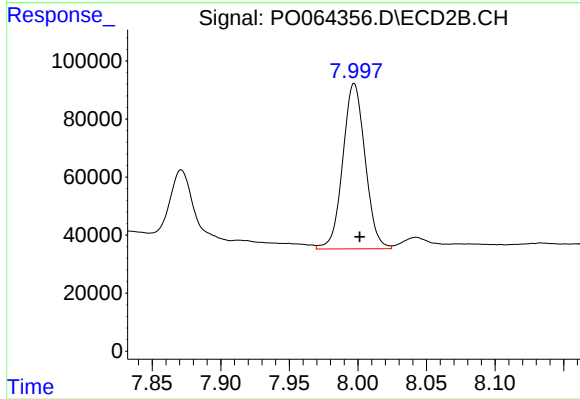
#39 AR-1262-4

R.T.: 7.505 min
Delta R.T.: -0.003 min
Response: 1616137
Conc: 362.92 ng/ml



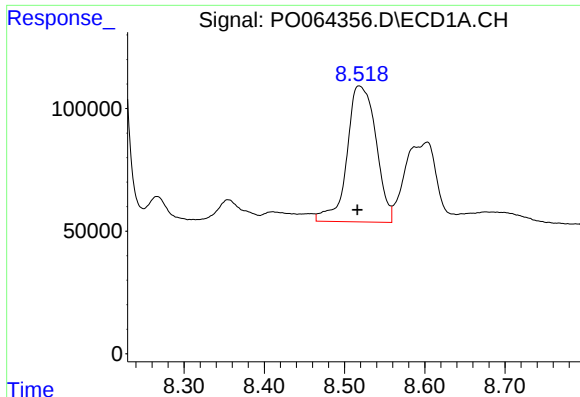
#40 AR-1262-5

R.T.: 9.230 min
Delta R.T.: -0.001 min
Response: 878154
Conc: 418.39 ng/ml



#40 AR-1262-5

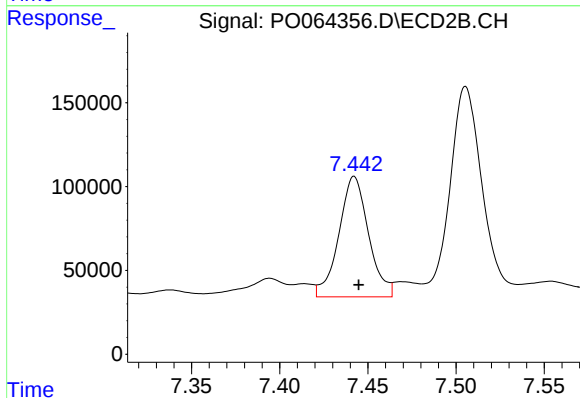
R.T.: 7.997 min
Delta R.T.: -0.004 min
Response: 646549
Conc: 306.13 ng/ml



#41 AR-1268-1

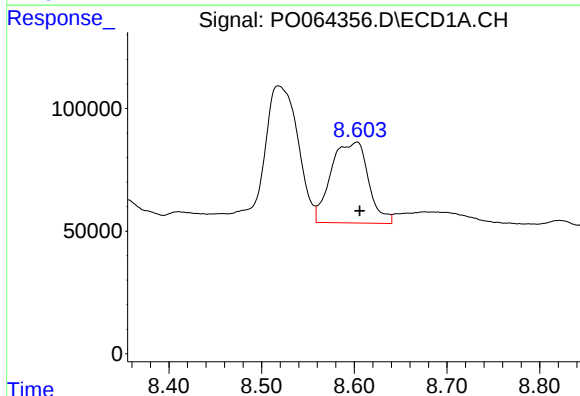
R.T.: 8.518 min
Delta R.T.: 0.002 min
Response: 1393659
Conc: 213.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
1D



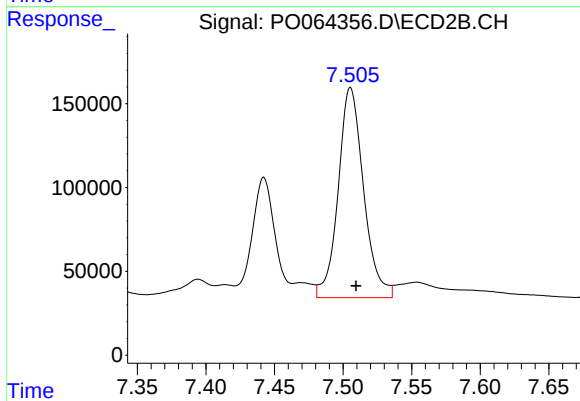
#41 AR-1268-1

R.T.: 7.442 min
Delta R.T.: -0.003 min
Response: 841339
Conc: 120.50 ng/ml



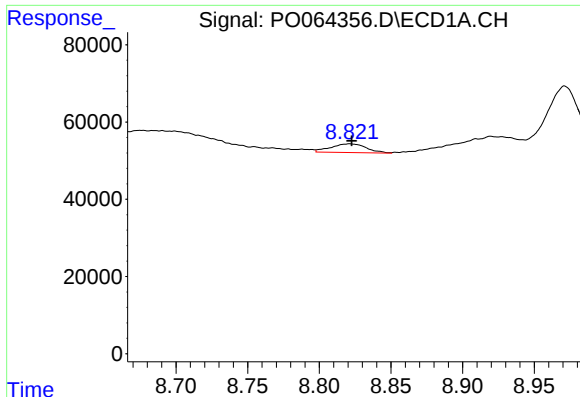
#42 AR-1268-2

R.T.: 8.603 min
Delta R.T.: -0.003 min
Response: 921240
Conc: 152.48 ng/ml



#42 AR-1268-2

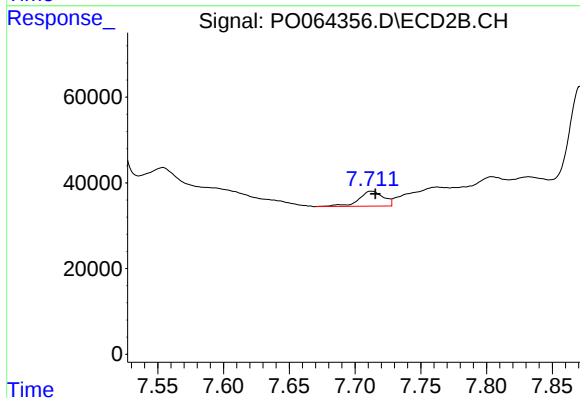
R.T.: 7.505 min
Delta R.T.: -0.004 min
Response: 1616137
Conc: 252.42 ng/ml



#43 AR-1268-3

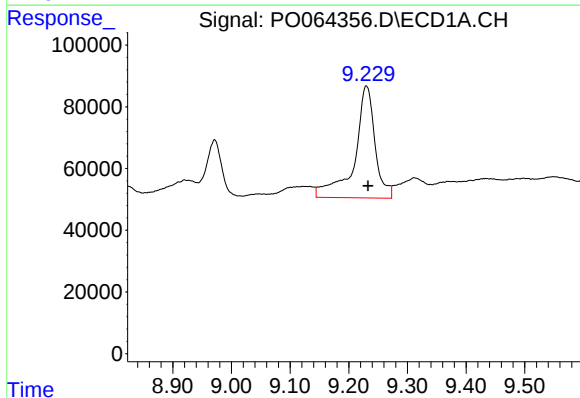
R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 38843
Conc: 7.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
1D



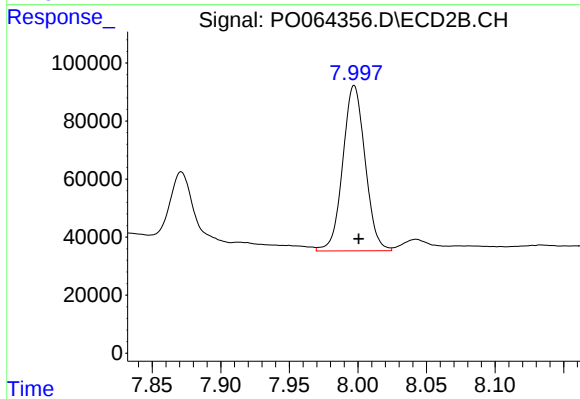
#43 AR-1268-3

R.T.: 7.713 min
Delta R.T.: -0.003 min
Response: 46139
Conc: 8.81 ng/ml



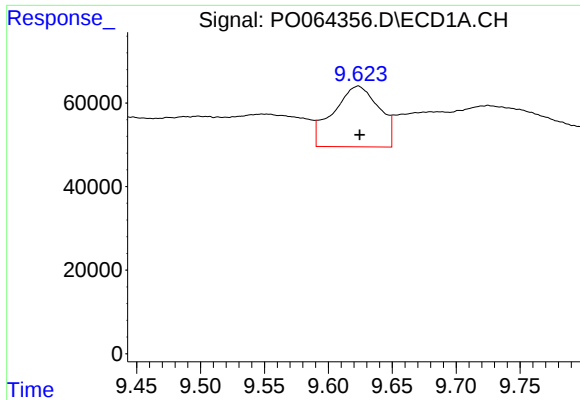
#44 AR-1268-4

R.T.: 9.230 min
Delta R.T.: -0.003 min
Response: 878154
Conc: 375.33 ng/ml



#44 AR-1268-4

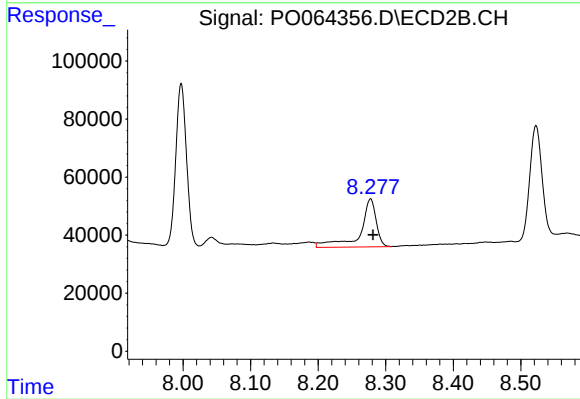
R.T.: 7.997 min
Delta R.T.: -0.003 min
Response: 646549
Conc: 276.75 ng/ml



#45 AR-1268-5

R.T.: 9.623 min
Delta R.T.: -0.001 min
Response: 362348
Conc: 23.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
1D



#45 AR-1268-5

R.T.: 8.278 min
Delta R.T.: -0.004 min
Response: 272768
Conc: 16.51 ng/ml