

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101520\
 Data File : PO072408.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Oct 2020 22:17
 Operator : DD\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 01:04:54 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 14 17:47:24 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...	4.321	3.504	4234349	2021506	49.922	47.992
2)	SA Decachlor...	9.923	8.672	5060493	2316419	45.878	44.809
Target Compounds							
3)	L1 AR-1016-1	0.000	4.724	0	26855	N.D.	15.616 #
4)	L1 AR-1016-2	0.000	4.741	0	21615	N.D.	8.800 #
5)	L1 AR-1016-3	0.000	4.925	0	14900	N.D.	12.154 #
6)	L1 AR-1016-4	0.000	4.983	0	543199	N.D.	515.894 #
7)	L1 AR-1016-5	6.122	5.203	560311	331509	275.934	251.747
9)	L2 AR-1221-2	4.664	3.843	60056	29285	94.864	76.495
10)	L2 AR-1221-3	0.000	3.933	0	9101	N.D.	8.020 #
11)	L3 AR-1232-1	0.000	3.933	0	9101	N.D.	9.398 #
12)	L3 AR-1232-2	0.000	4.741	0	21615	N.D.	20.837 #
13)	L3 AR-1232-3	0.000	4.925	0	14900	N.D.	28.830 #
14)	L3 AR-1232-4	0.000	5.024	0	164721	N.D.	374.120 #
15)	L3 AR-1232-5	5.911	5.203	1030442	331509	1718.459	648.887 #
16)	L4 AR-1242-1	0.000	4.724	0	26855	N.D.	20.777 #
17)	L4 AR-1242-2	0.000	4.741	0	21615	N.D.	11.804 #
18)	L4 AR-1242-3	0.000	4.925	0	14900	N.D.	15.828 #
19)	L4 AR-1242-4	0.000	5.024	0	164721	N.D.	185.961 #
20)	L4 AR-1242-5	6.585	5.576	624187	1351003	267.754	984.034 #
21)	L5 AR-1248-1	0.000	4.724	0	26855	N.D.	26.403 #
22)	L5 AR-1248-2	5.911	4.983	1030442	543199	411.852	380.960
23)	L5 AR-1248-3	6.122	5.024	560311	164721	193.398	122.652 #
24)	L5 AR-1248-4	6.548	5.203	1112539	331509	251.581	197.409
25)	L5 AR-1248-5	6.585	5.618	624187	185852	158.778	100.622 #
26)	L6 AR-1254-1	6.513	5.576	1966136	1351003	465.421	488.751
27)	L6 AR-1254-2	6.741	5.737	3244539	1183414	500.630	486.747
28)	L6 AR-1254-3	7.117	6.145	3378193	1875147	497.028	487.295
29)	L6 AR-1254-4	7.412	6.386	3128837	1297796	472.045	483.305
30)	L6 AR-1254-5	7.833	6.806	2981024	1746222	465.370	476.497
31)	L7 AR-1260-1	7.280	6.282	1463499	958138	300.315	374.533
32)	L7 AR-1260-2	7.545	6.482	1843214	833486	240.229	258.482
33)	L7 AR-1260-3	7.892	6.623	387162	813599	60.412	271.085 #
34)	L7 AR-1260-4	8.125	7.103	1097277	90862	180.293	34.463 #
35)	L7 AR-1260-5	8.444	7.355	461734	217554	31.784	33.299
36)	L8 AR-1262-1	7.892	6.806	387162	1746222	40.823	915.162 #
37)	L8 AR-1262-2	8.444	7.355	461734	217554	28.889	32.572
38)	L8 AR-1262-3	8.735f	7.632	345682	9206	49.469	3.230 #
39)	L8 AR-1262-4	8.780	7.691	176143	226065	44.076	43.864
40)	L8 AR-1262-5	0.000	8.193	0	11533	N.D.	4.567 #
41)	L9 AR-1268-1	8.735f	7.632	345682	9206	17.956	1.161 #
42)	L9 AR-1268-2	8.780	7.691	176143	226065	10.669	31.071 #

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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
43) L9	AR-1268-3	0.000	7.895	0	15956	N.D.	2.594 #
44) L9	AR-1268-4	0.000	8.193	0	11533	N.D.	4.080 #
45) L9	AR-1268-5	0.000	8.460	0	19277	N.D.	1.003 #

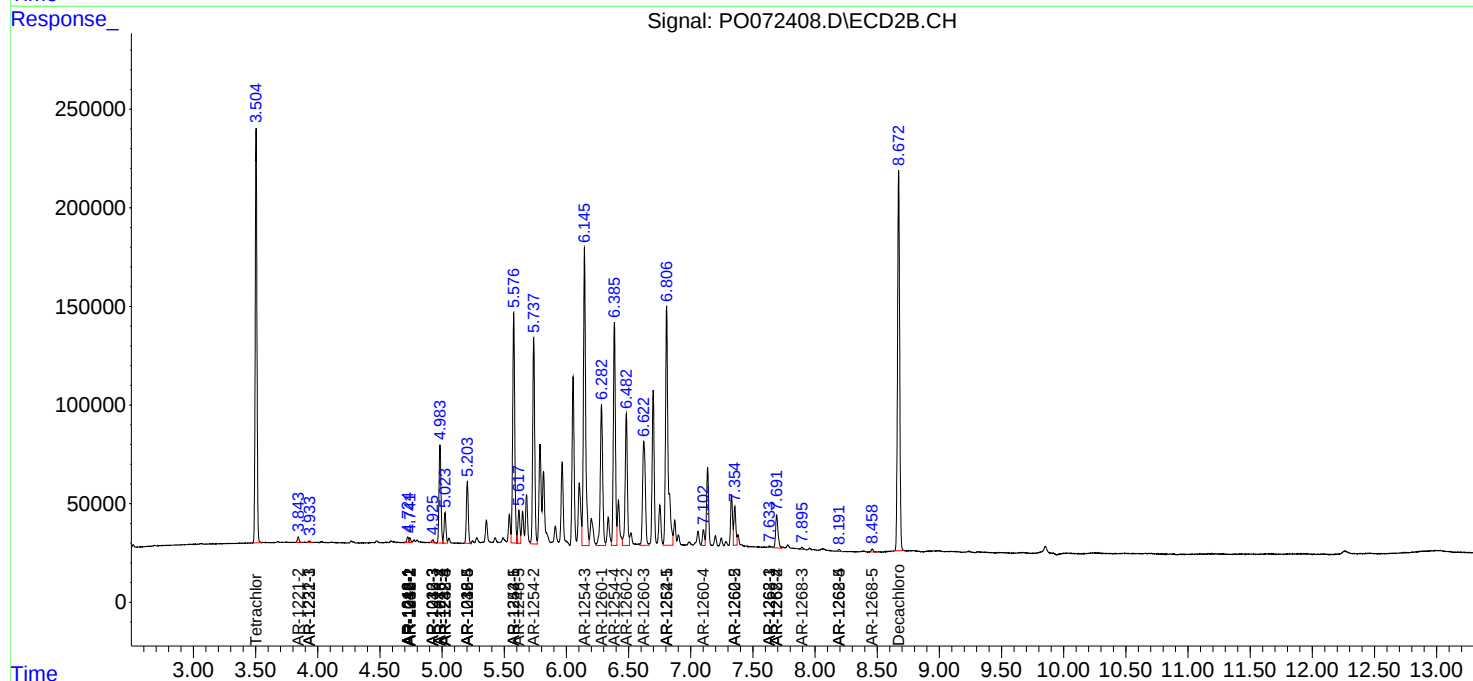
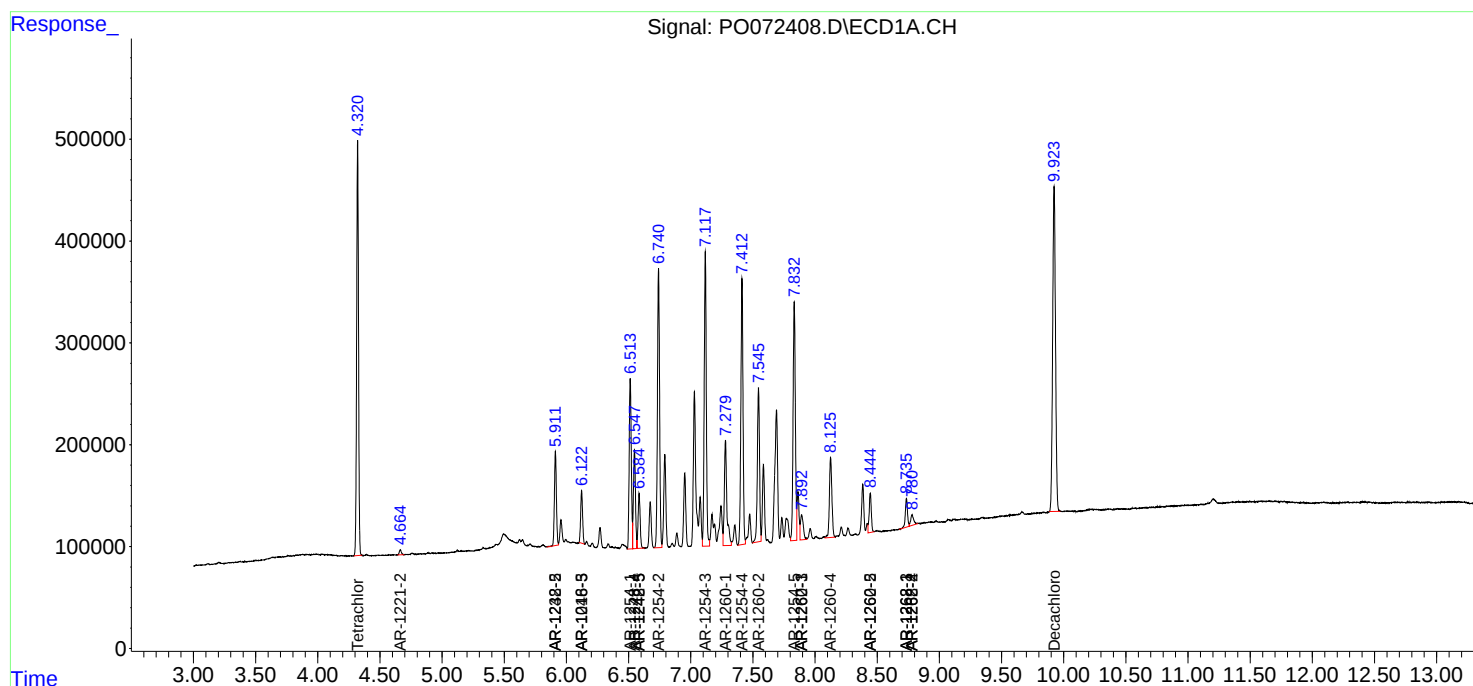
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

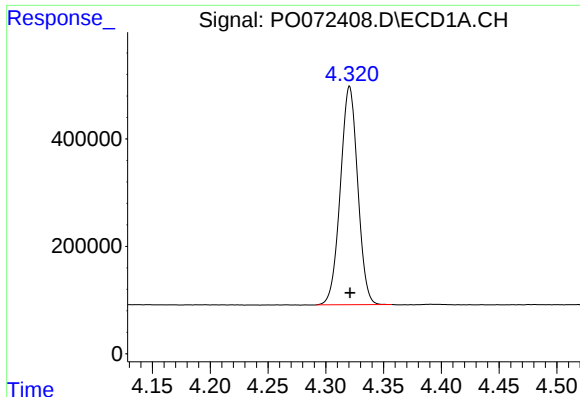
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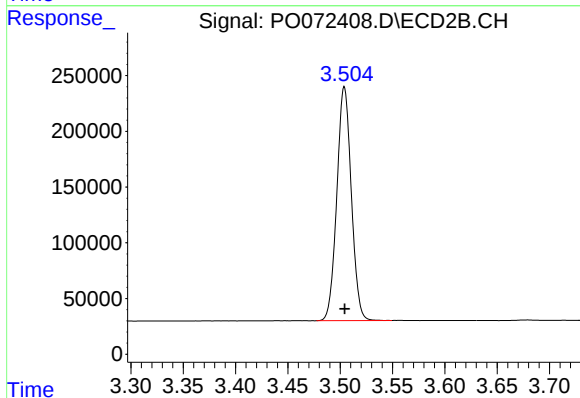




#1 Tetrachloro-m-xylene

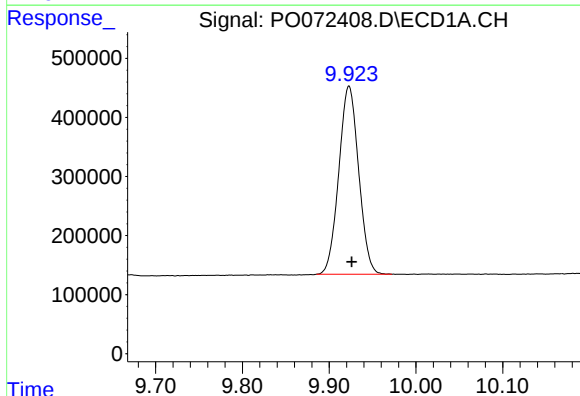
R.T.: 4.321 min
Delta R.T.: 0.000 min
Response: 4234349
Conc: 49.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



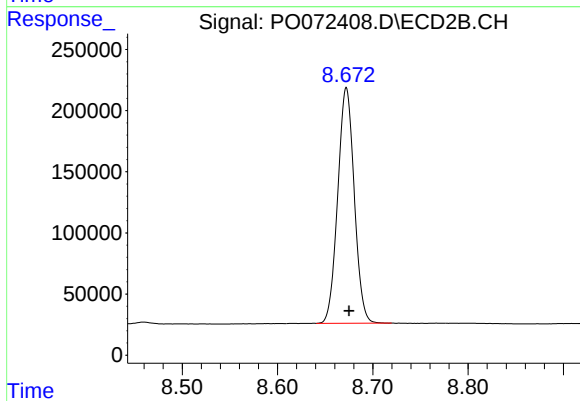
#1 Tetrachloro-m-xylene

R.T.: 3.504 min
Delta R.T.: 0.000 min
Response: 2021506
Conc: 47.99 ng/ml



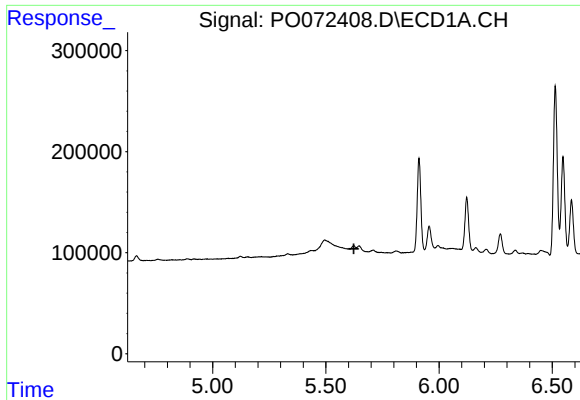
#2 Decachlorobiphenyl

R.T.: 9.923 min
Delta R.T.: -0.003 min
Response: 5060493
Conc: 45.88 ng/ml



#2 Decachlorobiphenyl

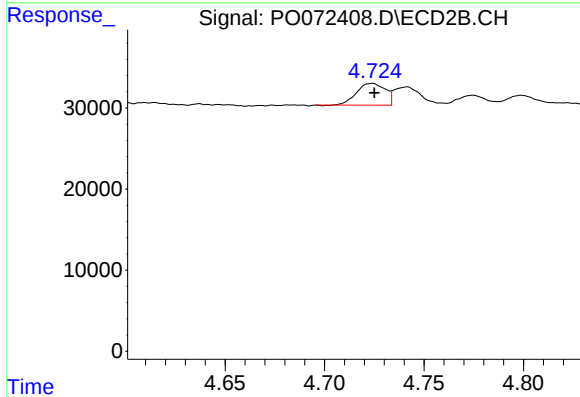
R.T.: 8.672 min
Delta R.T.: -0.003 min
Response: 2316419
Conc: 44.81 ng/ml



#3 AR-1016-1

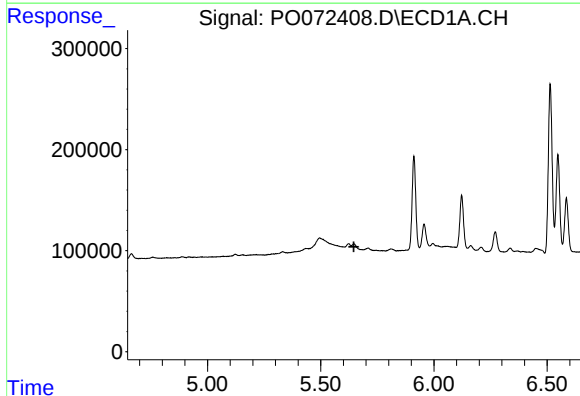
R.T.: 0.000 min
Exp R.T.: 5.624 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



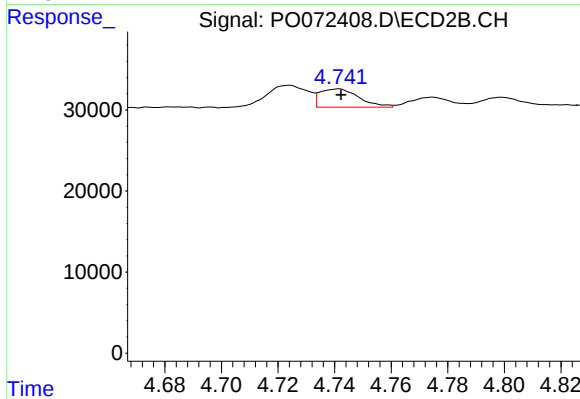
#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: -0.001 min
Response: 26855
Conc: 15.62 ng/ml



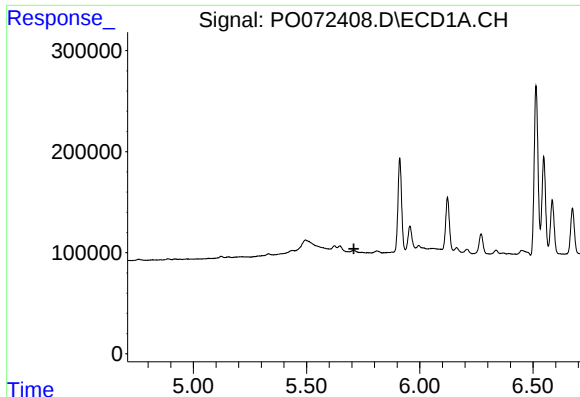
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.647 min
Response: 0
Conc: N.D.



#4 AR-1016-2

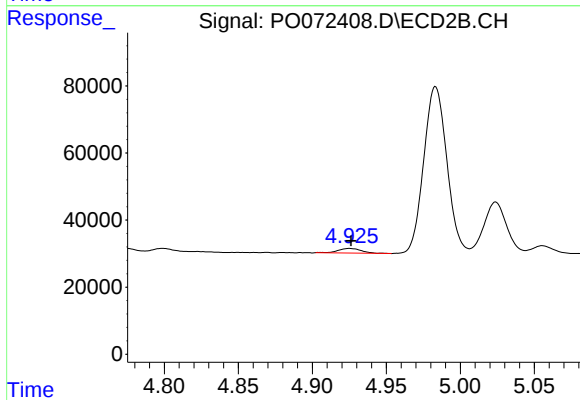
R.T.: 4.741 min
Delta R.T.: -0.001 min
Response: 21615
Conc: 8.80 ng/ml



#5 AR-1016-3

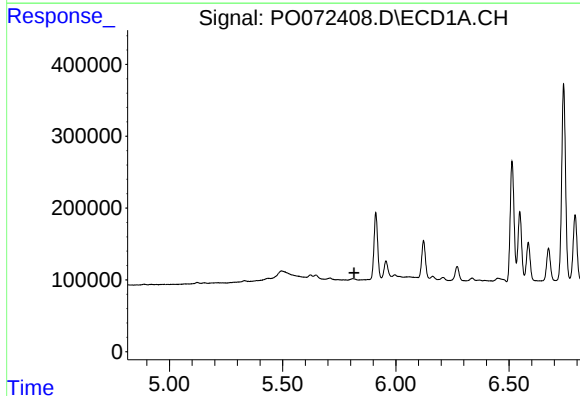
R.T.: 0.000 min
Exp R.T.: 5.709 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



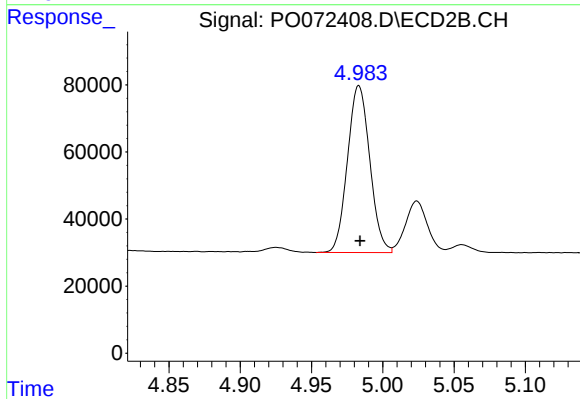
#5 AR-1016-3

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 14900
Conc: 12.15 ng/ml



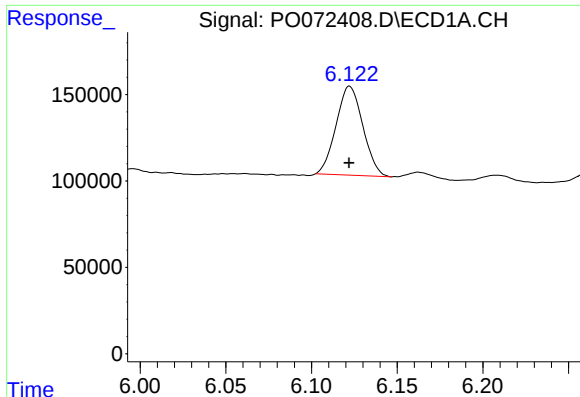
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.815 min
Response: 0
Conc: N.D.



#6 AR-1016-4

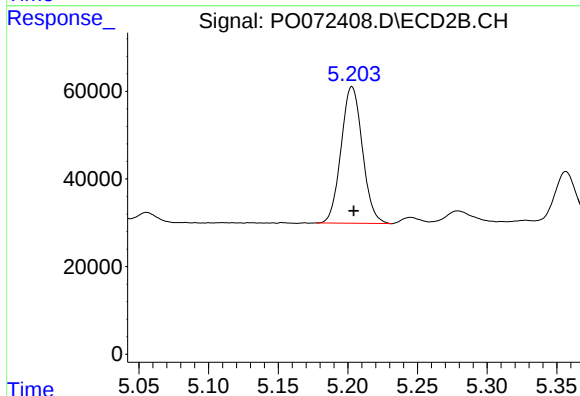
R.T.: 4.983 min
Delta R.T.: 0.000 min
Response: 543199
Conc: 515.89 ng/ml



#7 AR-1016-5

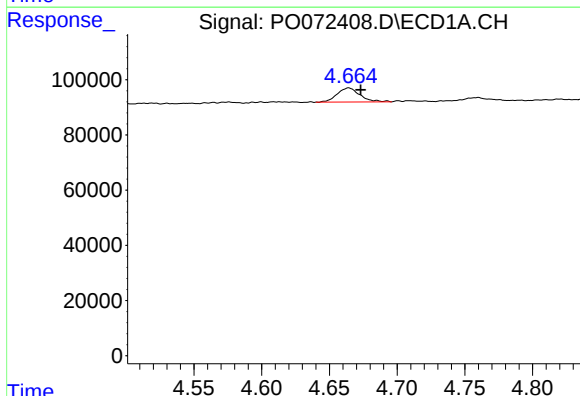
R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 560311
Conc: 275.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



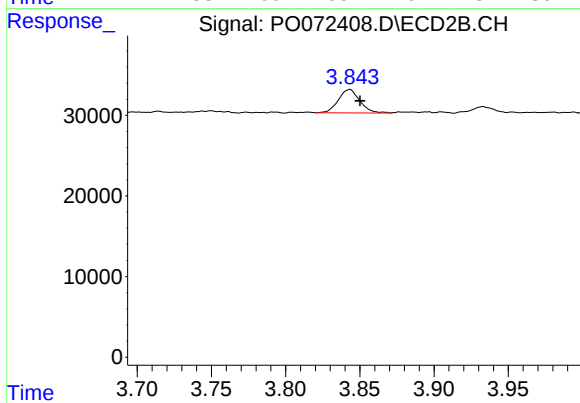
#7 AR-1016-5

R.T.: 5.203 min
Delta R.T.: -0.001 min
Response: 331509
Conc: 251.75 ng/ml



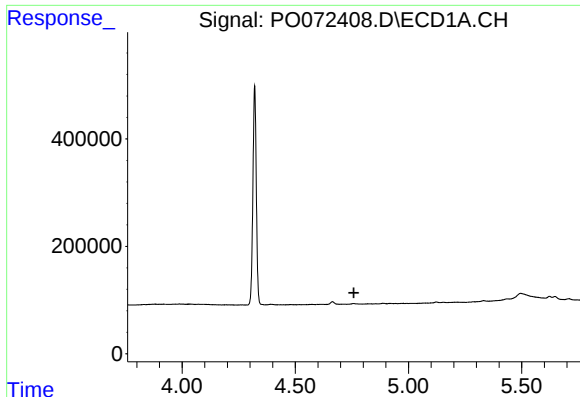
#9 AR-1221-2

R.T.: 4.664 min
Delta R.T.: -0.009 min
Response: 60056
Conc: 94.86 ng/ml



#9 AR-1221-2

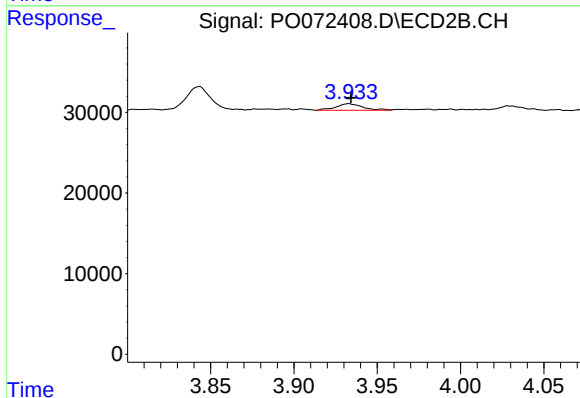
R.T.: 3.843 min
Delta R.T.: -0.007 min
Response: 29285
Conc: 76.50 ng/ml



#10 AR-1221-3

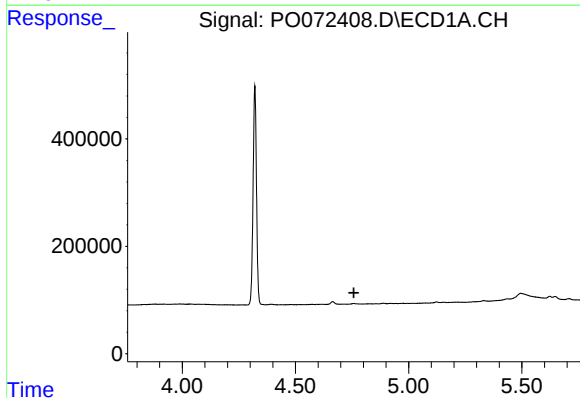
R.T.: 0.000 min
Exp R.T. : 4.759 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



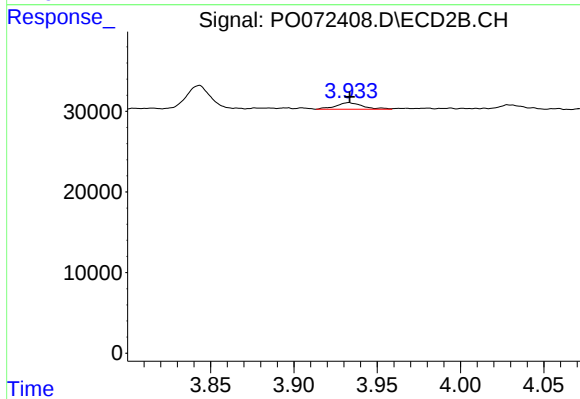
#10 AR-1221-3

R.T.: 3.933 min
Delta R.T.: -0.001 min
Response: 9101
Conc: 8.02 ng/ml



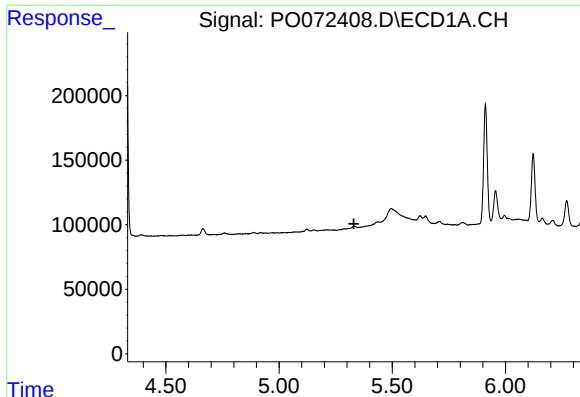
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.758 min
Response: 0
Conc: N.D.



#11 AR-1232-1

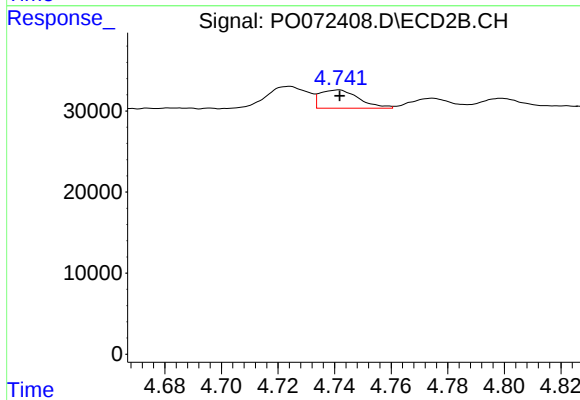
R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 9101
Conc: 9.40 ng/ml



#12 AR-1232-2

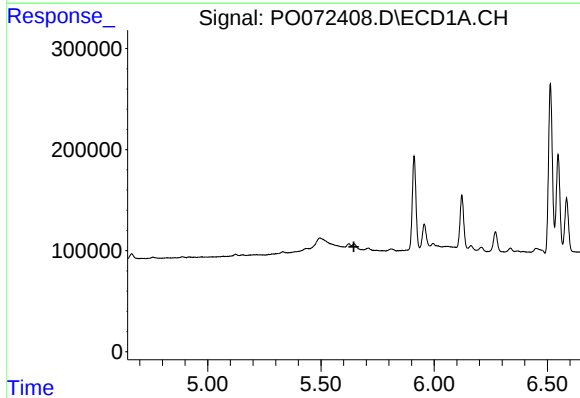
R.T.: 0.000 min
Exp R.T.: 5.331 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



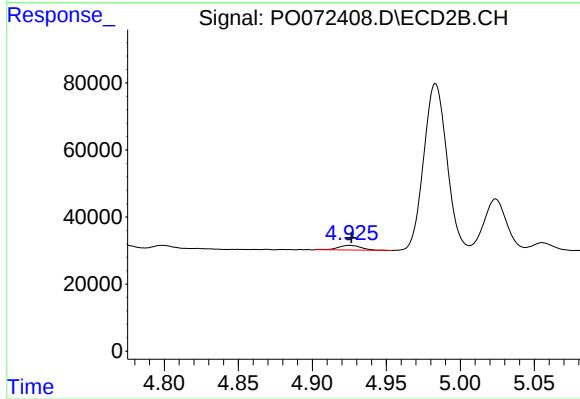
#12 AR-1232-2

R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 21615
Conc: 20.84 ng/ml



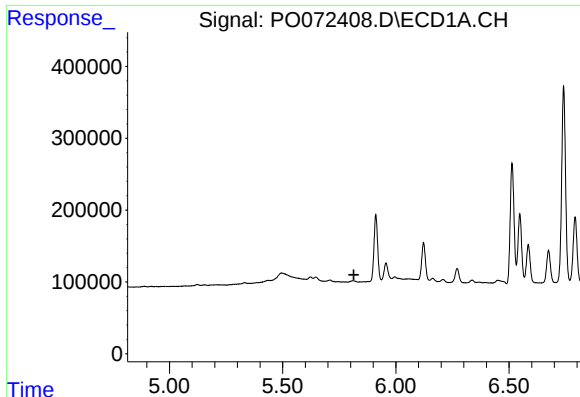
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.645 min
Response: 0
Conc: N.D.



#13 AR-1232-3

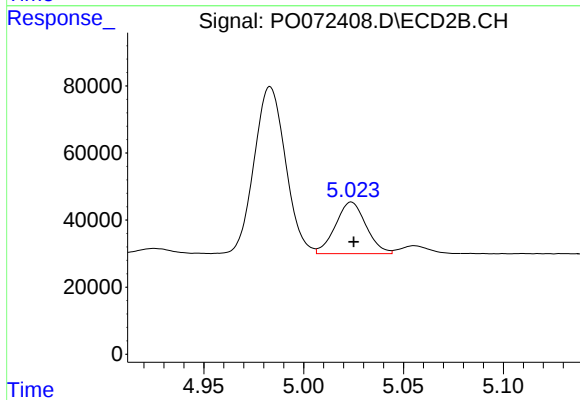
R.T.: 4.925 min
Delta R.T.: -0.001 min
Response: 14900
Conc: 28.83 ng/ml



#14 AR-1232-4

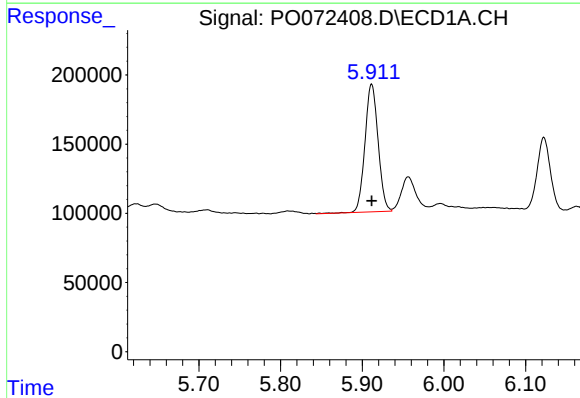
R.T.: 0.000 min
Exp R.T.: 5.815 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



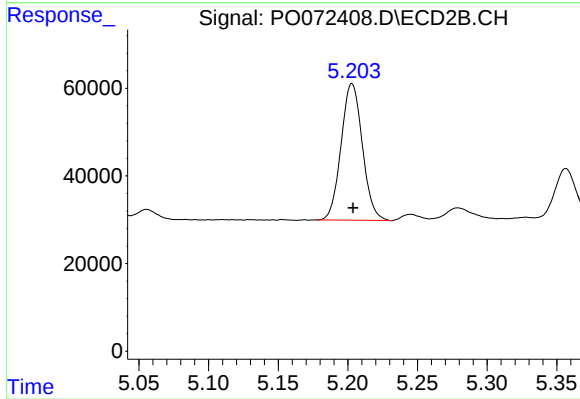
#14 AR-1232-4

R.T.: 5.024 min
Delta R.T.: -0.001 min
Response: 164721
Conc: 374.12 ng/ml



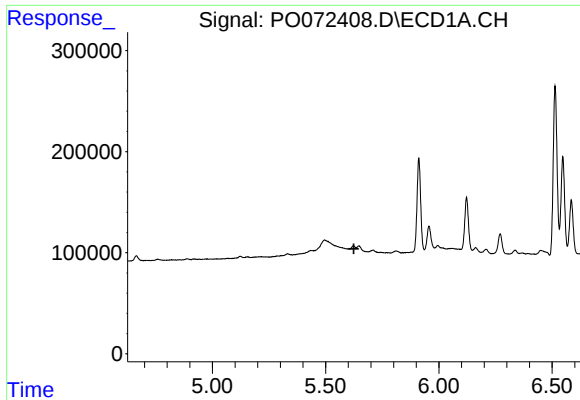
#15 AR-1232-5

R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 1030442
Conc: 1718.46 ng/ml



#15 AR-1232-5

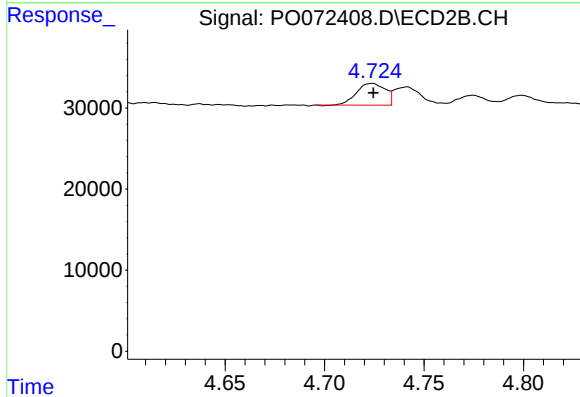
R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 331509
Conc: 648.89 ng/ml



#16 AR-1242-1

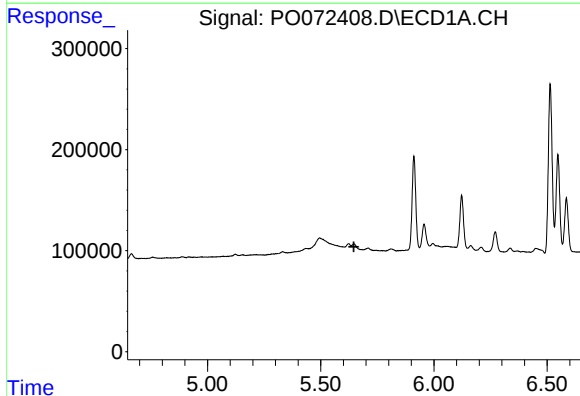
R.T.: 0.000 min
Exp R.T.: 5.625 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



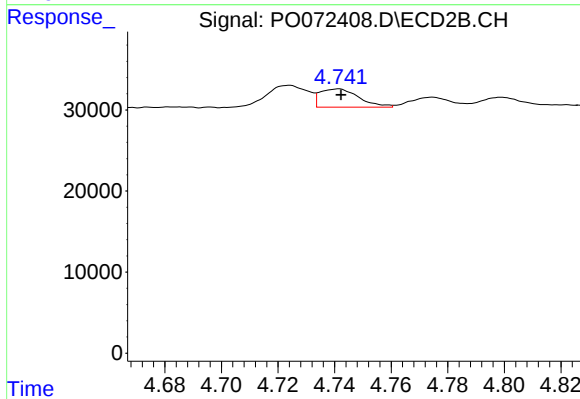
#16 AR-1242-1

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 26855
Conc: 20.78 ng/ml



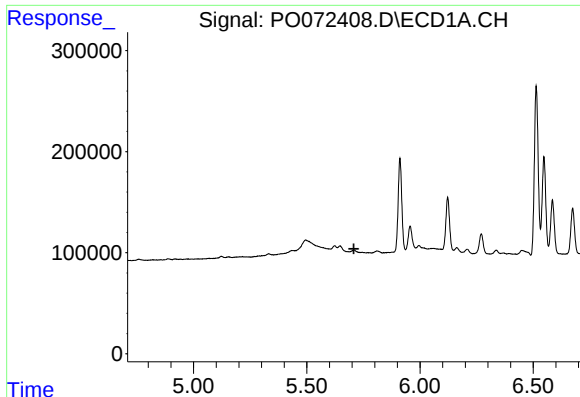
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.646 min
Response: 0
Conc: N.D.



#17 AR-1242-2

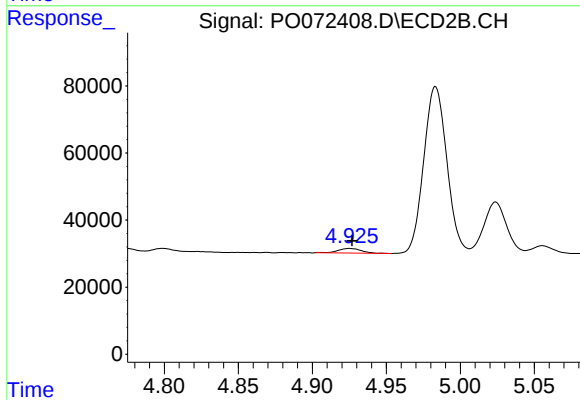
R.T.: 4.741 min
Delta R.T.: -0.001 min
Response: 21615
Conc: 11.80 ng/ml



#18 AR-1242-3

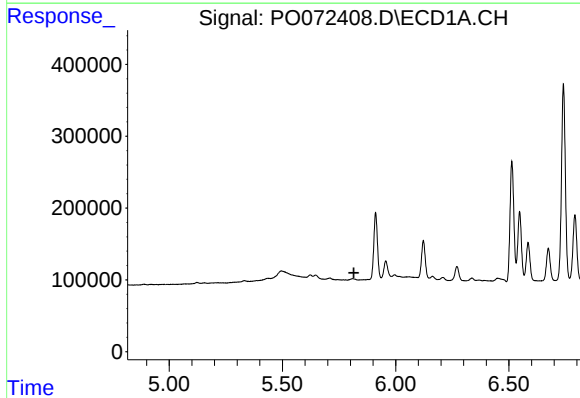
R.T.: 0.000 min
Exp R.T.: 5.708 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



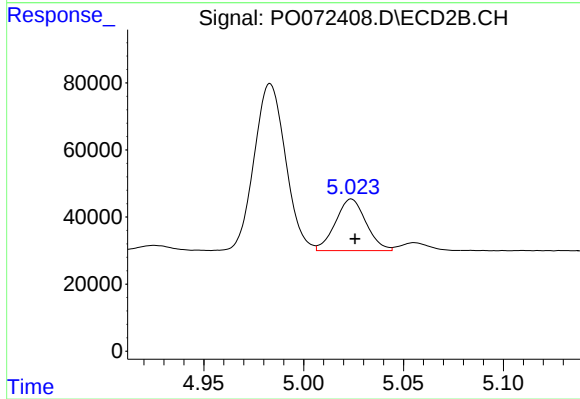
#18 AR-1242-3

R.T.: 4.925 min
Delta R.T.: -0.001 min
Response: 14900
Conc: 15.83 ng/ml



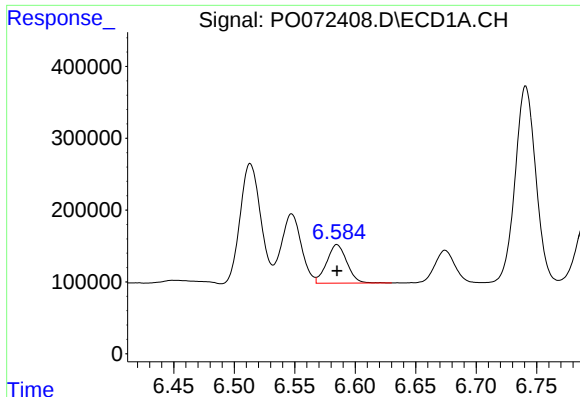
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.816 min
Response: 0
Conc: N.D.



#19 AR-1242-4

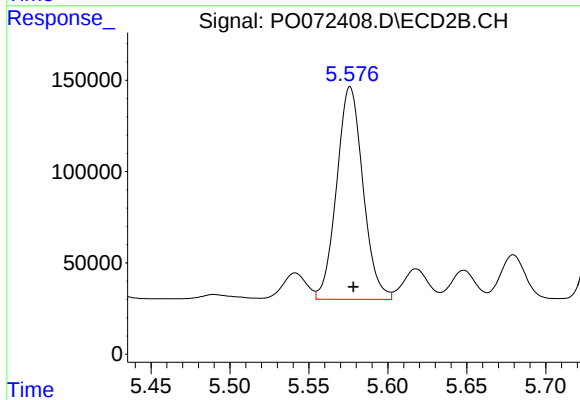
R.T.: 5.024 min
Delta R.T.: -0.002 min
Response: 164721
Conc: 185.96 ng/ml



#20 AR-1242-5

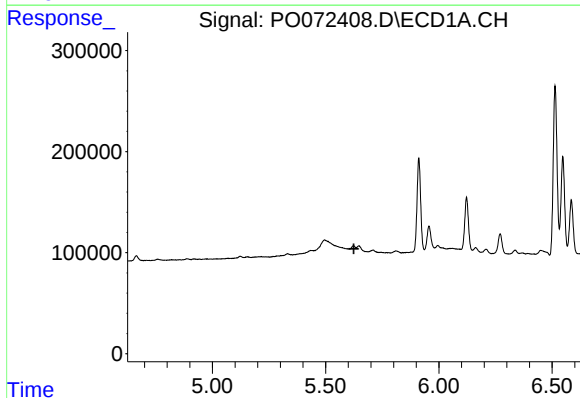
R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 624187
Conc: 267.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



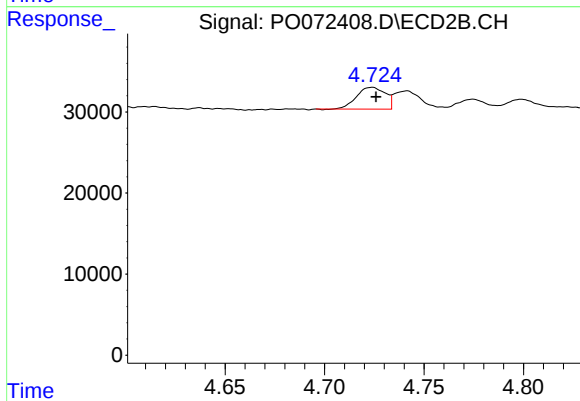
#20 AR-1242-5

R.T.: 5.576 min
Delta R.T.: -0.002 min
Response: 1351003
Conc: 984.03 ng/ml



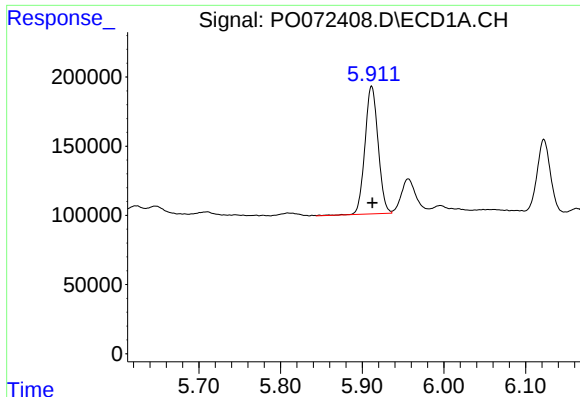
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.625 min
Response: 0
Conc: N.D.



#21 AR-1248-1

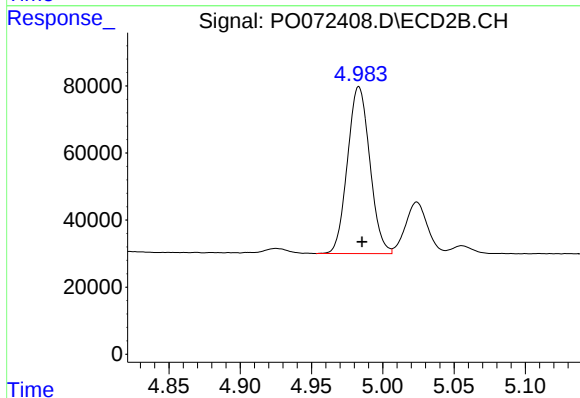
R.T.: 4.724 min
Delta R.T.: -0.002 min
Response: 26855
Conc: 26.40 ng/ml



#22 AR-1248-2

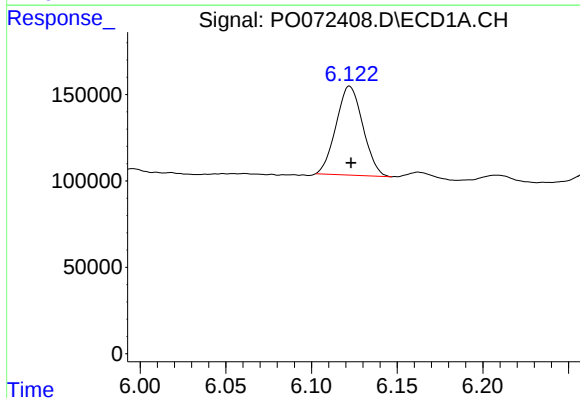
R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 1030442
Conc: 411.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



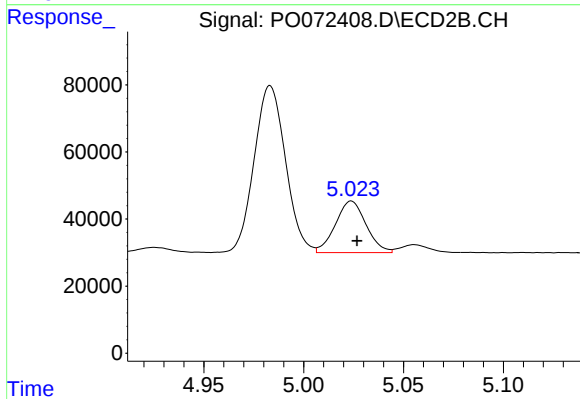
#22 AR-1248-2

R.T.: 4.983 min
Delta R.T.: -0.002 min
Response: 543199
Conc: 380.96 ng/ml



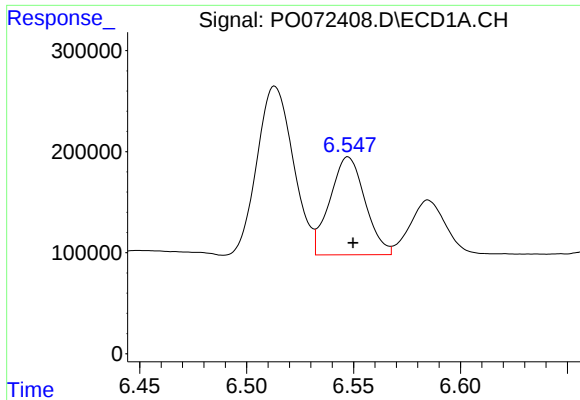
#23 AR-1248-3

R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 560311
Conc: 193.40 ng/ml



#23 AR-1248-3

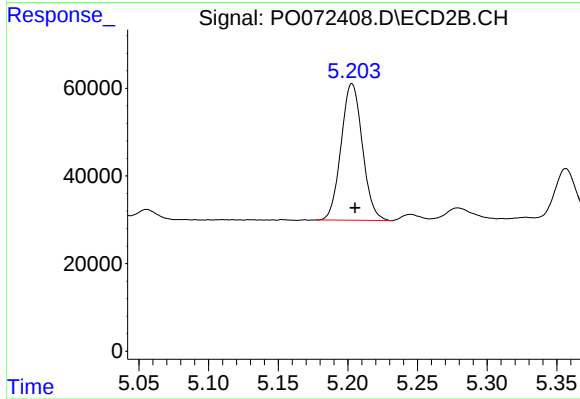
R.T.: 5.024 min
Delta R.T.: -0.003 min
Response: 164721
Conc: 122.65 ng/ml



#24 AR-1248-4

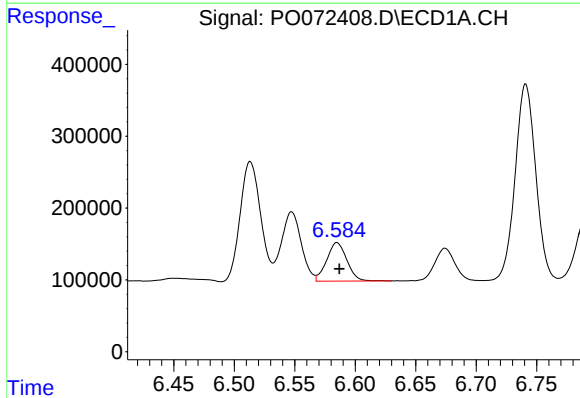
R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 1112539
Conc: 251.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



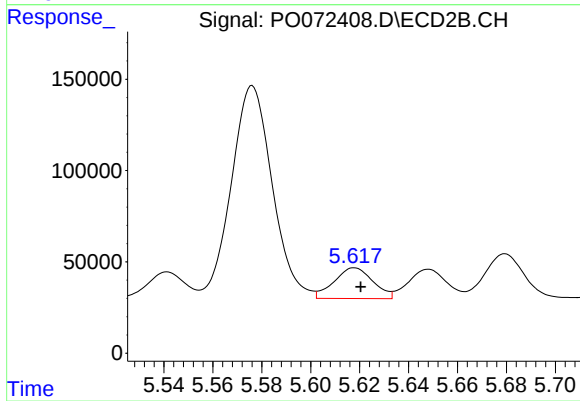
#24 AR-1248-4

R.T.: 5.203 min
Delta R.T.: -0.002 min
Response: 331509
Conc: 197.41 ng/ml



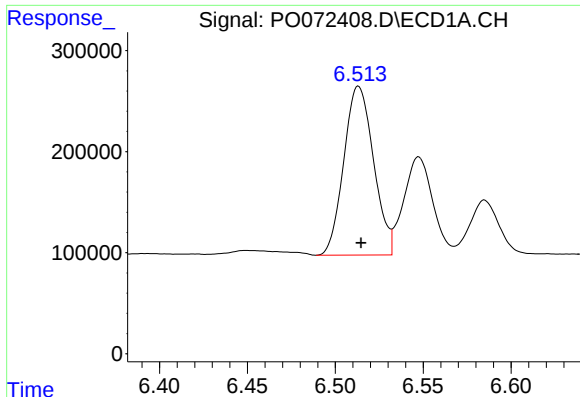
#25 AR-1248-5

R.T.: 6.585 min
Delta R.T.: -0.002 min
Response: 624187
Conc: 158.78 ng/ml



#25 AR-1248-5

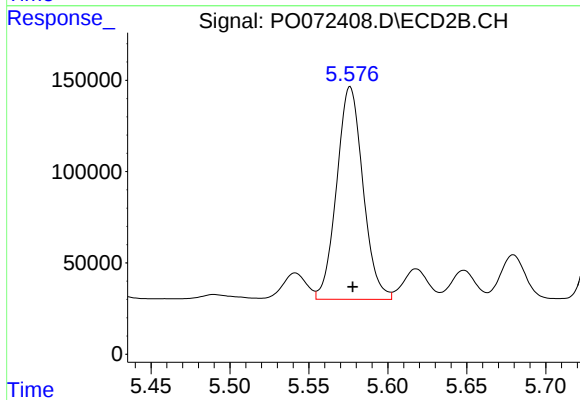
R.T.: 5.618 min
Delta R.T.: -0.003 min
Response: 185852
Conc: 100.62 ng/ml



#26 AR-1254-1

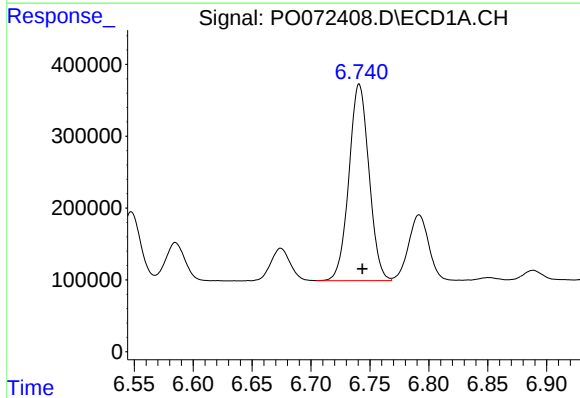
R.T.: 6.513 min
Delta R.T.: -0.002 min
Response: 1966136
Conc: 465.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



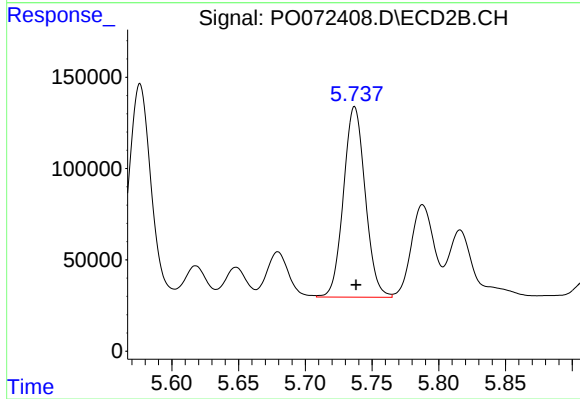
#26 AR-1254-1

R.T.: 5.576 min
Delta R.T.: -0.002 min
Response: 1351003
Conc: 488.75 ng/ml



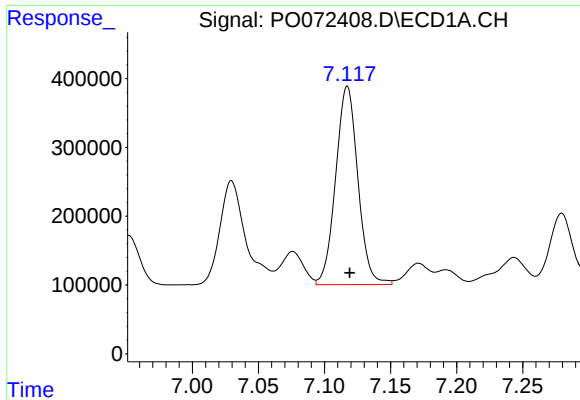
#27 AR-1254-2

R.T.: 6.741 min
Delta R.T.: -0.003 min
Response: 3244539
Conc: 500.63 ng/ml



#27 AR-1254-2

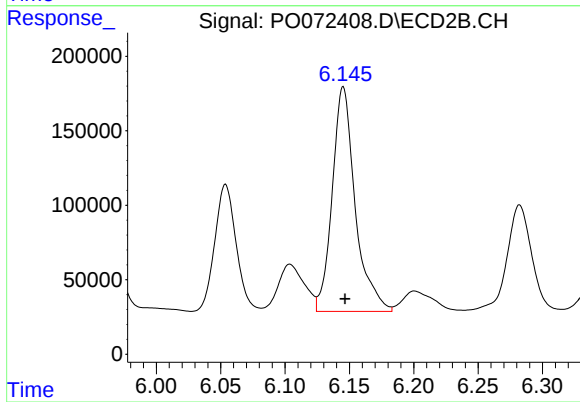
R.T.: 5.737 min
Delta R.T.: -0.001 min
Response: 1183414
Conc: 486.75 ng/ml



#28 AR-1254-3

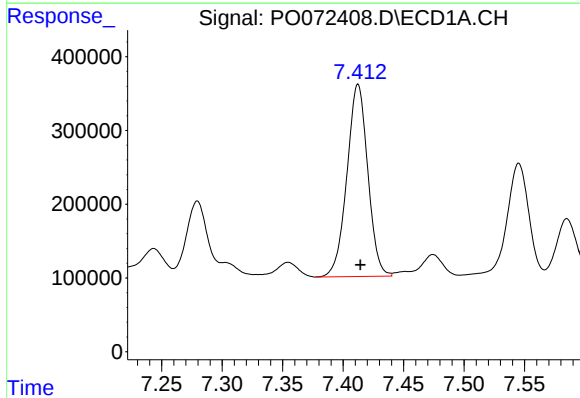
R.T.: 7.117 min
Delta R.T.: -0.002 min
Response: 3378193
Conc: 497.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



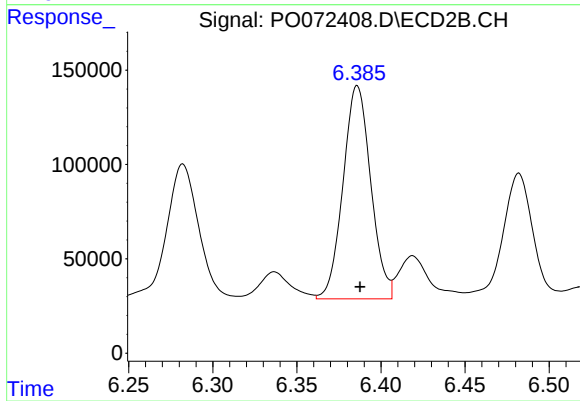
#28 AR-1254-3

R.T.: 6.145 min
Delta R.T.: -0.001 min
Response: 1875147
Conc: 487.29 ng/ml



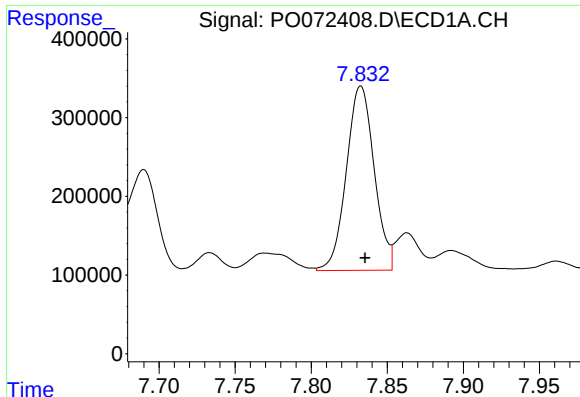
#29 AR-1254-4

R.T.: 7.412 min
Delta R.T.: -0.002 min
Response: 3128837
Conc: 472.05 ng/ml



#29 AR-1254-4

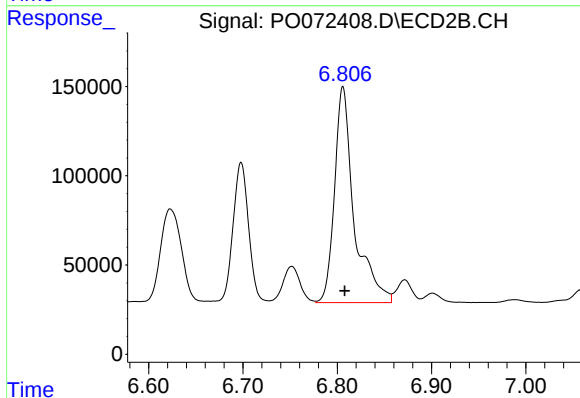
R.T.: 6.386 min
Delta R.T.: -0.002 min
Response: 1297796
Conc: 483.31 ng/ml



#30 AR-1254-5

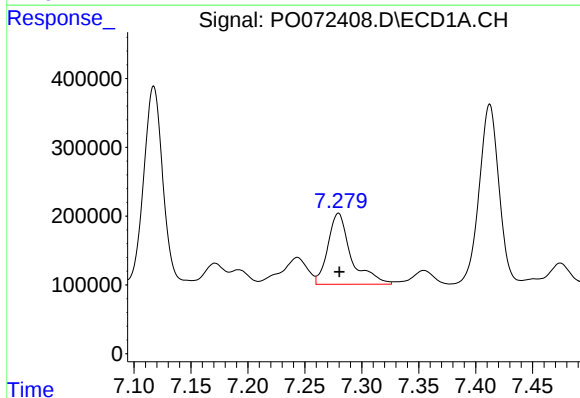
R.T.: 7.833 min
Delta R.T.: -0.003 min
Response: 2981024
Conc: 465.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



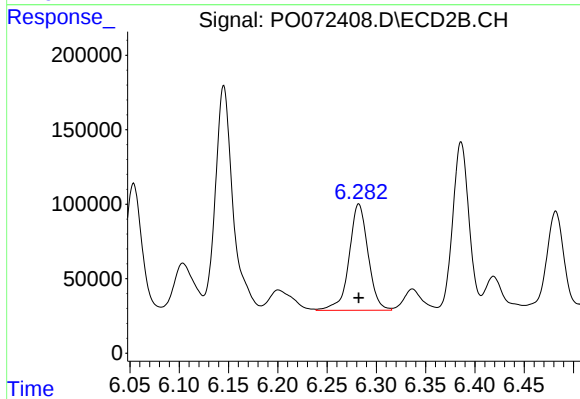
#30 AR-1254-5

R.T.: 6.806 min
Delta R.T.: -0.002 min
Response: 1746222
Conc: 476.50 ng/ml



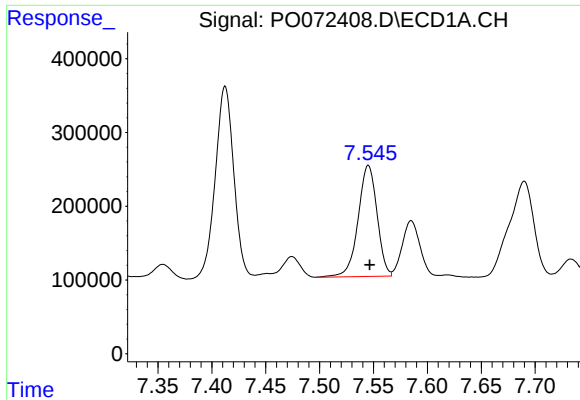
#31 AR-1260-1

R.T.: 7.280 min
Delta R.T.: 0.000 min
Response: 1463499
Conc: 300.31 ng/ml



#31 AR-1260-1

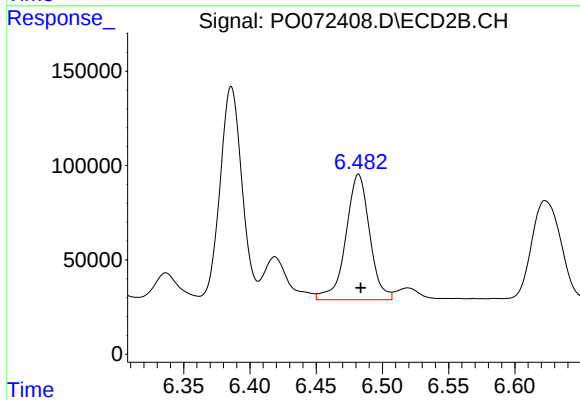
R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 958138
Conc: 374.53 ng/ml



#32 AR-1260-2

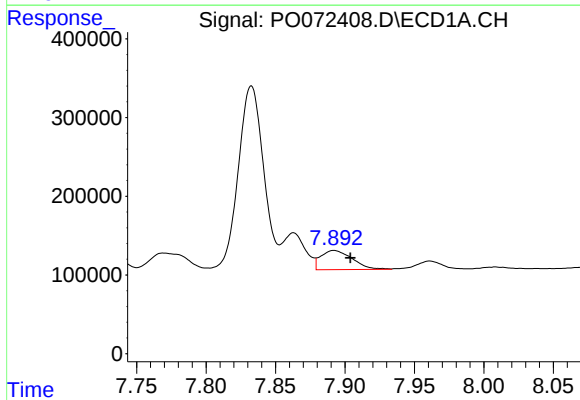
R.T.: 7.545 min
Delta R.T.: -0.001 min
Response: 1843214
Conc: 240.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



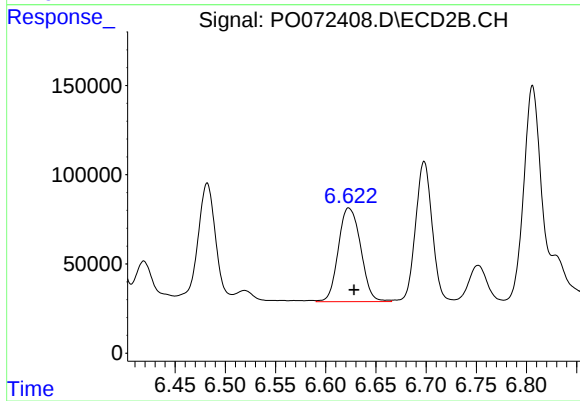
#32 AR-1260-2

R.T.: 6.482 min
Delta R.T.: -0.002 min
Response: 833486
Conc: 258.48 ng/ml



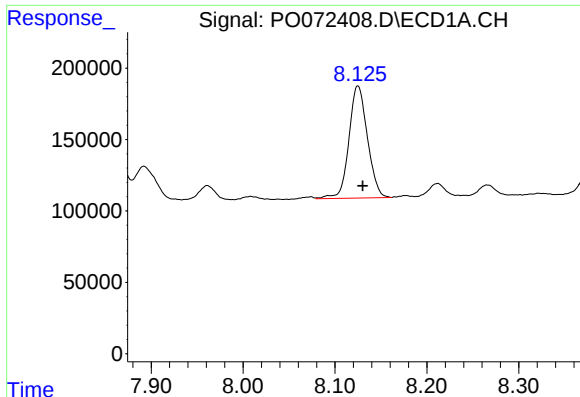
#33 AR-1260-3

R.T.: 7.892 min
Delta R.T.: -0.012 min
Response: 387162
Conc: 60.41 ng/ml



#33 AR-1260-3

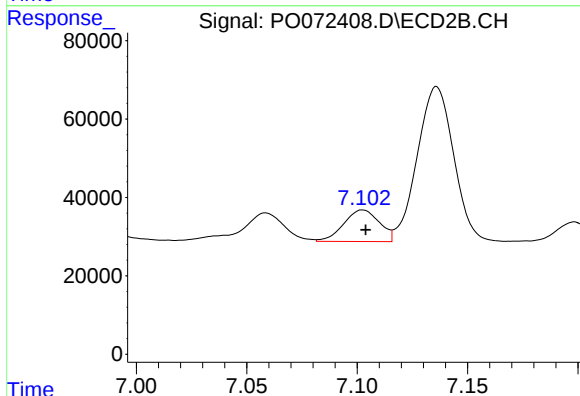
R.T.: 6.623 min
Delta R.T.: -0.005 min
Response: 813599
Conc: 271.09 ng/ml



#34 AR-1260-4

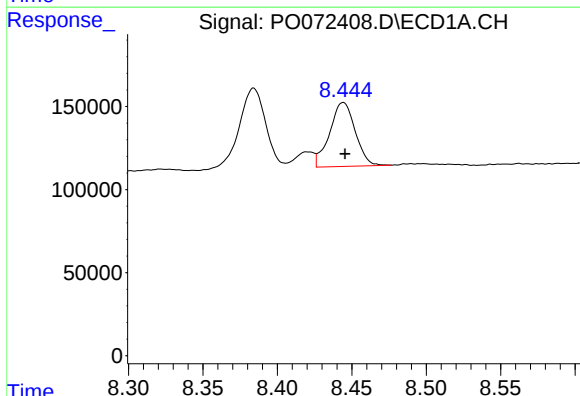
R.T.: 8.125 min
Delta R.T.: -0.005 min
Response: 1097277
Conc: 180.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



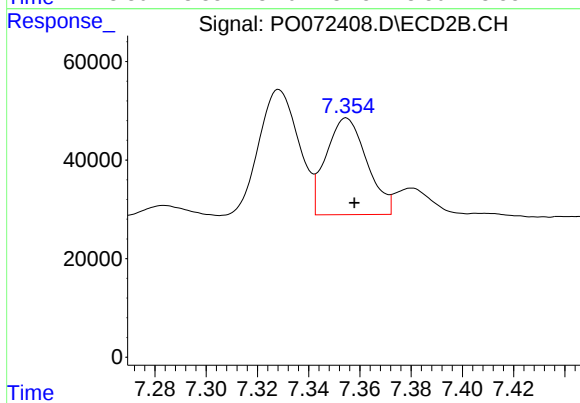
#34 AR-1260-4

R.T.: 7.103 min
Delta R.T.: -0.001 min
Response: 90862
Conc: 34.46 ng/ml



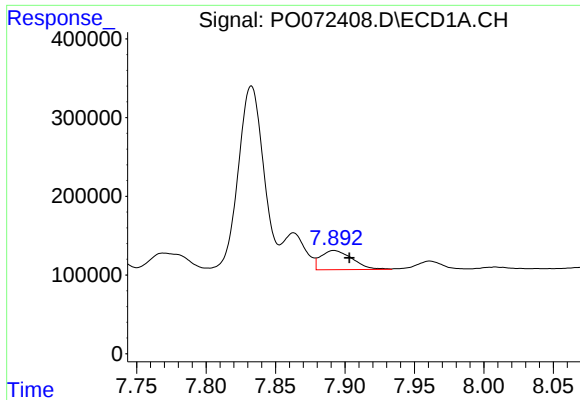
#35 AR-1260-5

R.T.: 8.444 min
Delta R.T.: -0.001 min
Response: 461734
Conc: 31.78 ng/ml



#35 AR-1260-5

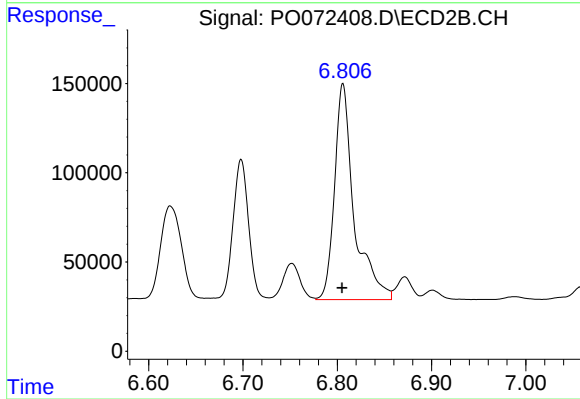
R.T.: 7.355 min
Delta R.T.: -0.003 min
Response: 217554
Conc: 33.30 ng/ml



#36 AR-1262-1

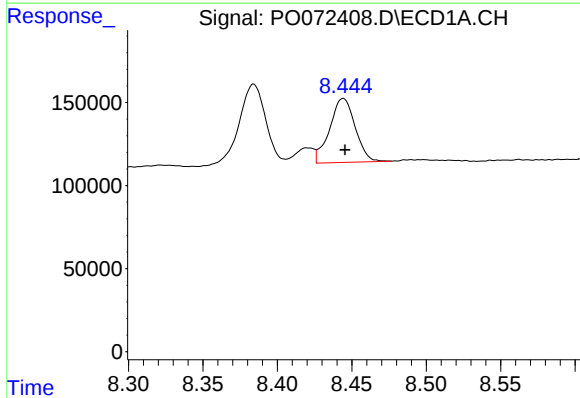
R.T.: 7.892 min
Delta R.T.: -0.011 min
Response: 387162
Conc: 40.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



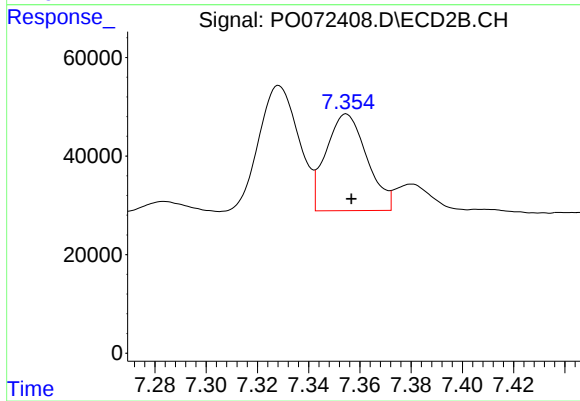
#36 AR-1262-1

R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 1746222
Conc: 915.16 ng/ml



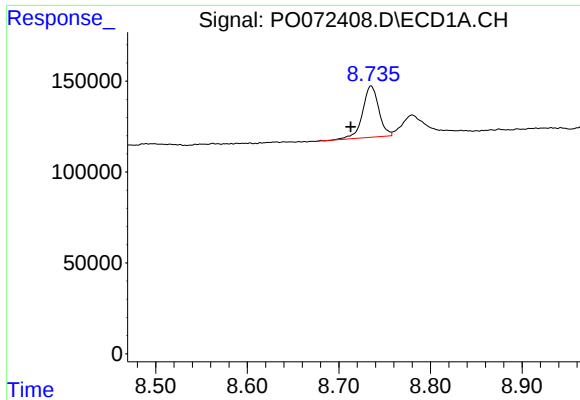
#37 AR-1262-2

R.T.: 8.444 min
Delta R.T.: -0.001 min
Response: 461734
Conc: 28.89 ng/ml



#37 AR-1262-2

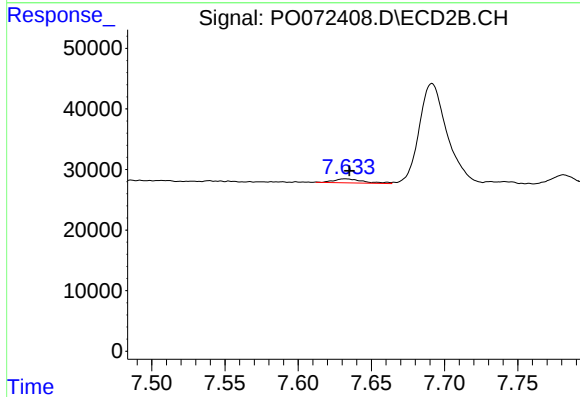
R.T.: 7.355 min
Delta R.T.: -0.002 min
Response: 217554
Conc: 32.57 ng/ml



#38 AR-1262-3

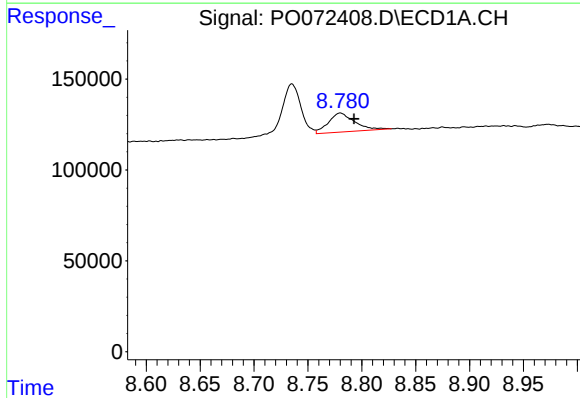
R.T.: 8.735 min
Delta R.T.: 0.022 min
Response: 345682
Conc: 49.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



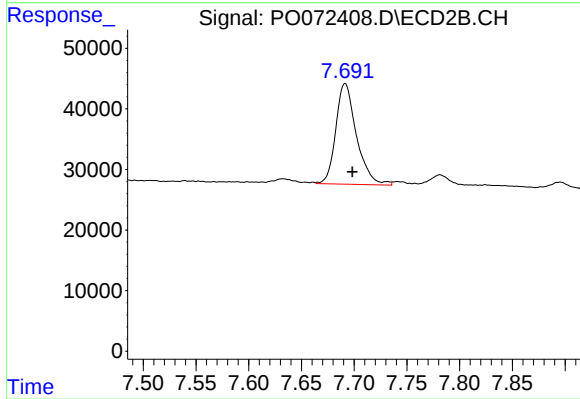
#38 AR-1262-3

R.T.: 7.632 min
Delta R.T.: -0.003 min
Response: 9206
Conc: 3.23 ng/ml



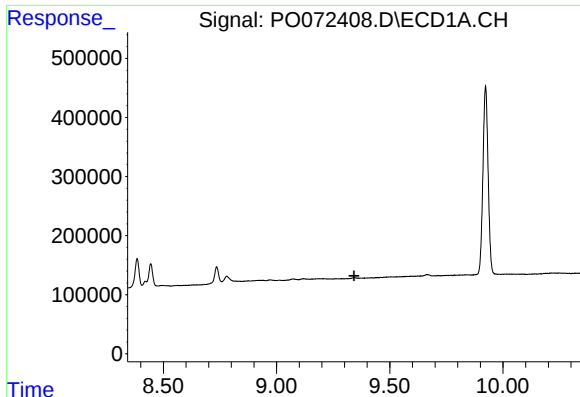
#39 AR-1262-4

R.T.: 8.780 min
Delta R.T.: -0.013 min
Response: 176143
Conc: 44.08 ng/ml



#39 AR-1262-4

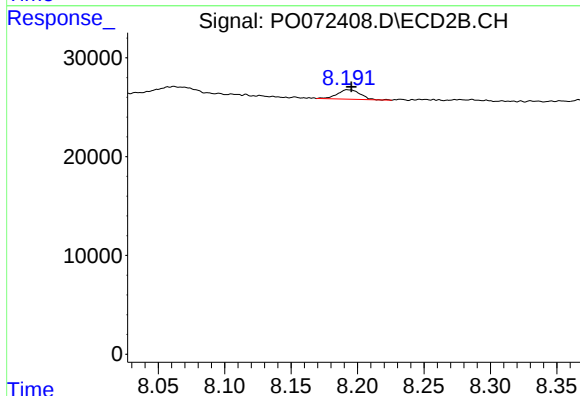
R.T.: 7.691 min
Delta R.T.: -0.007 min
Response: 226065
Conc: 43.86 ng/ml



#40 AR-1262-5

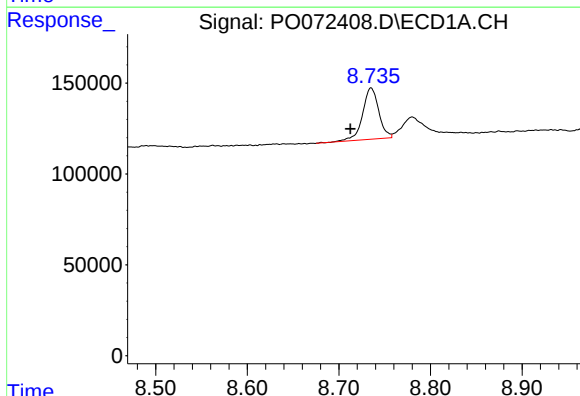
R.T.: 0.000 min
Exp R.T.: 9.342 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



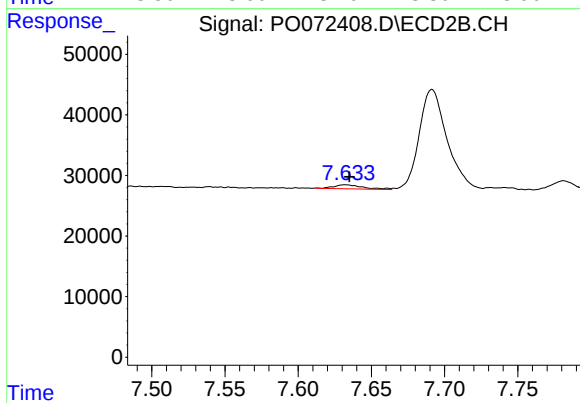
#40 AR-1262-5

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 11533
Conc: 4.57 ng/ml



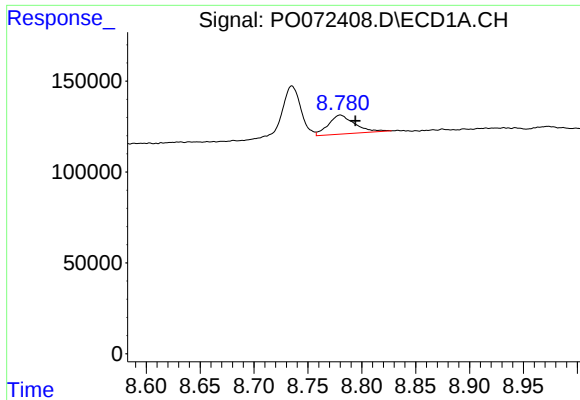
#41 AR-1268-1

R.T.: 8.735 min
Delta R.T.: 0.022 min
Response: 345682
Conc: 17.96 ng/ml



#41 AR-1268-1

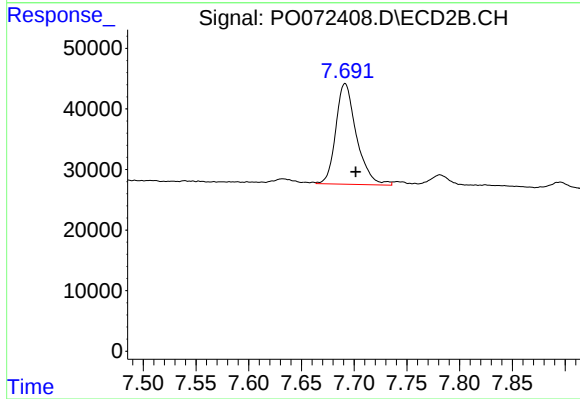
R.T.: 7.632 min
Delta R.T.: -0.003 min
Response: 9206
Conc: 1.16 ng/ml



#42 AR-1268-2

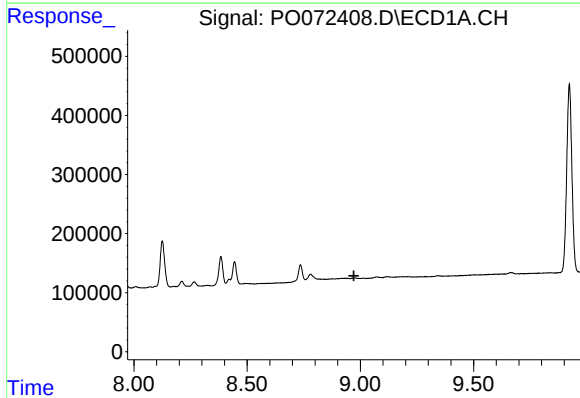
R.T.: 8.780 min
Delta R.T.: -0.014 min
Response: 176143
Conc: 10.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



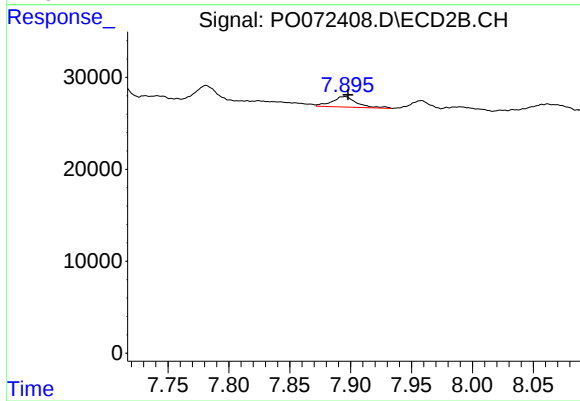
#42 AR-1268-2

R.T.: 7.691 min
Delta R.T.: -0.010 min
Response: 226065
Conc: 31.07 ng/ml



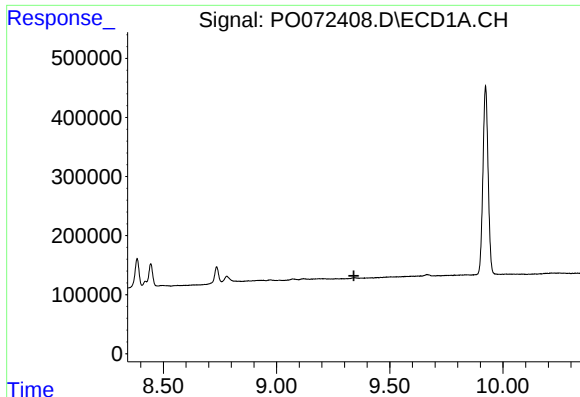
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.972 min
Response: 0
Conc: N.D.



#43 AR-1268-3

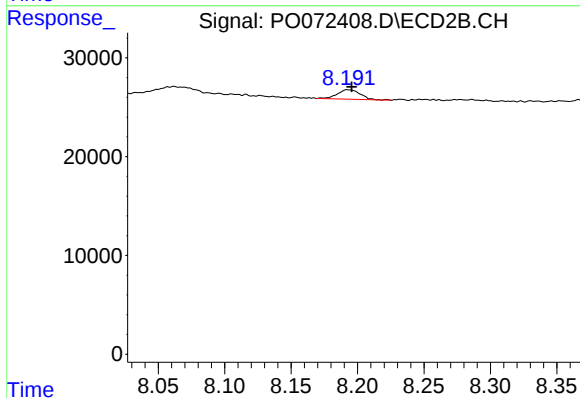
R.T.: 7.895 min
Delta R.T.: -0.003 min
Response: 15956
Conc: 2.59 ng/ml



#44 AR-1268-4

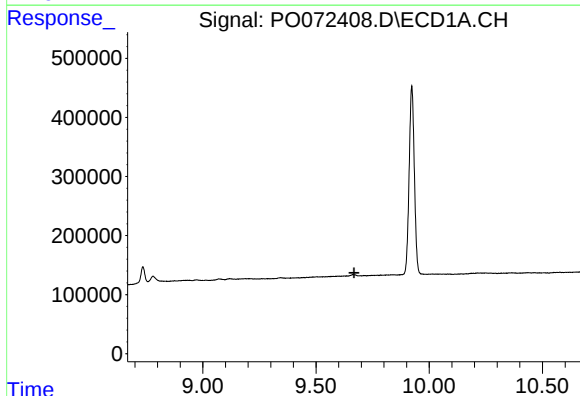
R.T.: 0.000 min
Exp R.T. : 9.342 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



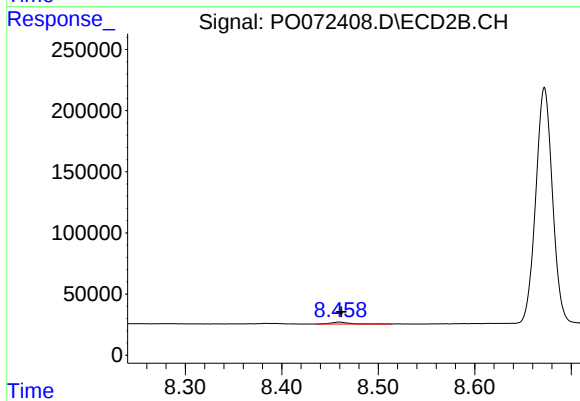
#44 AR-1268-4

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 11533
Conc: 4.08 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.668 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 19277
Conc: 1.00 ng/ml