

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091019\
 Data File : P0060643.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Sep 2019 18:31
 Operator : SM/AJ
 Sample : K4786-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 03:00:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Sep 08 02:12:04 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...	4.364	3.531	985805	784980	23.759	25.557
2)	SA Decachlor...	10.022	8.415	1091490	831978	20.692	22.475
Target Compounds							
3)	L1 AR-1016-1	5.551	4.611	29777	21566	18.301	17.174
4)	L1 AR-1016-2	5.551	4.611	29777	21566	12.698	12.342
5)	L1 AR-1016-3	5.685	4.779	102071	35421	70.115	37.250 #
6)	L1 AR-1016-4	5.685	4.779	102071	35421	83.023	42.978 #
7)	L1 AR-1016-5	5.964	5.029	8133	26565	6.594	25.002 #
9)	L2 AR-1221-2	4.668	3.819	13061	9340	37.414	31.229
10)	L2 AR-1221-3	0.000	3.949	0	12513	N.D.	13.674 #
11)	L3 AR-1232-1	0.000	3.949	0	12513	N.D.	12.798 #
12)	L3 AR-1232-2	5.213	4.611	15019	21566	22.028	20.465
13)	L3 AR-1232-3	5.551	4.779	29777	35421	21.238	62.549 #
14)	L3 AR-1232-4	5.685	4.880	102071	16960	139.591	31.186 #
15)	L3 AR-1232-5	5.808	5.029	20217	26565	38.670	44.524
16)	L4 AR-1242-1	5.551	4.611	29777	21566	24.717	23.458
17)	L4 AR-1242-2	5.551	4.611	29777	21566	17.218	16.812
18)	L4 AR-1242-3	5.685	4.779	102071	35421	92.704	49.608 #
19)	L4 AR-1242-4	5.685	4.880	102071	16960	113.383	22.620 #
20)	L4 AR-1242-5	6.415	5.373	308909	121203	283.404	124.130 #
21)	L5 AR-1248-1	5.551	4.611	29777	21566	32.451	29.834
22)	L5 AR-1248-2	5.808	4.779	20217	35421	15.091	36.169 #
23)	L5 AR-1248-3	5.964	4.880	8133	16960	5.426	16.618 #
24)	L5 AR-1248-4	6.415	5.029	308909	26565	175.635	21.848 #
25)	L5 AR-1248-5	6.415	5.395	308909	66192	184.659	54.406 #
26)	L6 AR-1254-1	6.389	5.373	62830	121203	34.452	63.880 #
27)	L6 AR-1254-2	6.605	5.509	187063	44844	64.545	26.241 #
28)	L6 AR-1254-3	6.978	5.926	243127	30075	76.236	10.724 #
29)	L6 AR-1254-4	7.248	6.143	69547	26498	28.962	14.832 #
30)	L6 AR-1254-5	7.681	6.542	291448	216394	107.139	82.467
31)	L7 AR-1260-1	7.131	6.036	60586	37483	24.237	18.227
32)	L7 AR-1260-2	7.376	6.219	1260858	36302	405.757	14.499 #
33)	L7 AR-1260-3	7.736	6.370	30408	-5693	12.156	N.D. #
34)	L7 AR-1260-4	7.962	6.836	44122	17585	14.902	8.658 #
35)	L7 AR-1260-5	8.274	7.073	26351	45681	4.692	9.972 #
36)	L8 AR-1262-1	7.736	6.578	30408	110823	9.055	41.681 #
37)	L8 AR-1262-2	8.274	7.073	26351	45681	4.501	10.063 #
38)	L8 AR-1262-3	8.590	7.356	24132	12517	6.030	6.603
39)	L8 AR-1262-4	8.729	7.416	10735	28636	3.535	8.351 #
40)	L8 AR-1262-5	0.000	7.909	0	23530	N.D.	15.049 #
41)	L9 AR-1268-1	8.590	7.356	24132	12517	3.496	2.465 #
42)	L9 AR-1268-2	8.729	7.416	10735	28636	1.669	6.165 #

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Sample : K4786-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 03:00:59 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090719.M
Quant Title : GC EXTRACTABLES
QLast Update : Sun Sep 08 02:12:04 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
44)	L9 AR-1268-4	0.000	7.909	0	23530	N.D.	13.838 #
45)	L9 AR-1268-5	9.700	8.177	15643	23867	0.955	2.130 #

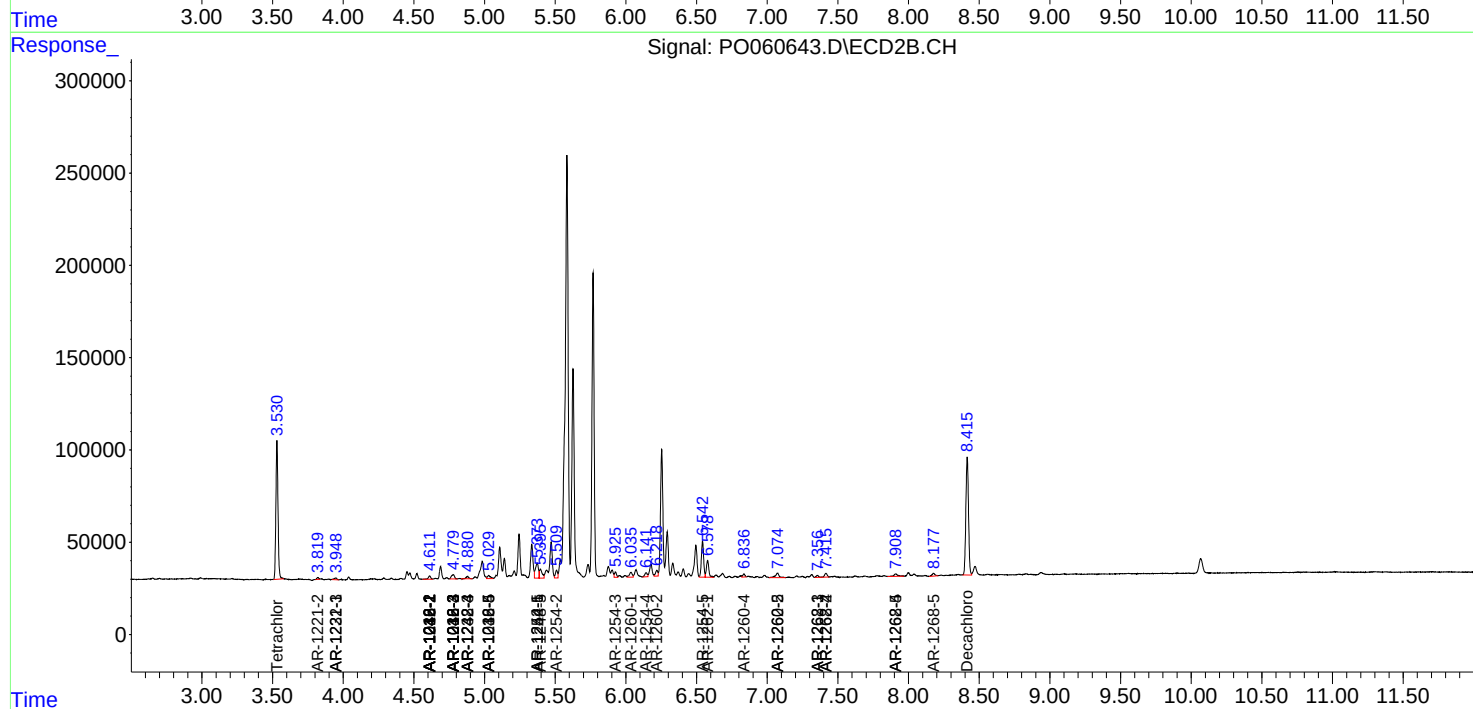
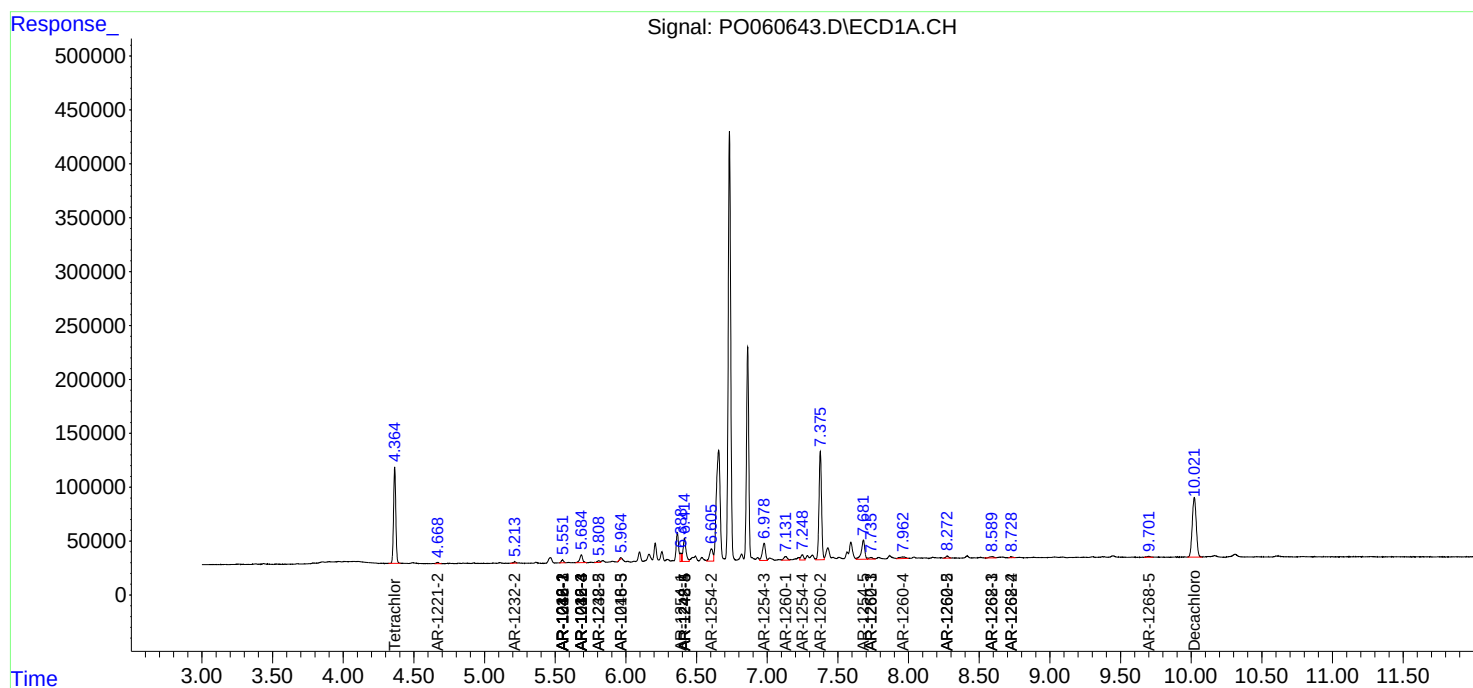
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

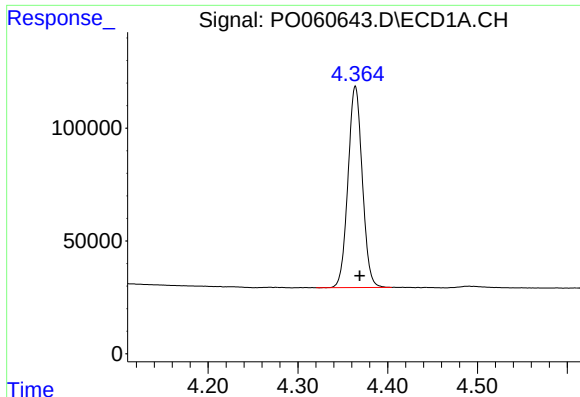
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091019\
Data File : P0060643.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Sep 2019 18:31
Operator : SM/AJ
Sample : K4786-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :
TP4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 03:00:59 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090719.M
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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

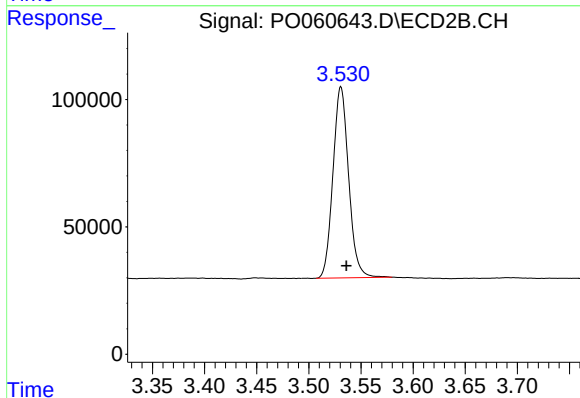




#1 Tetrachloro-m-xylene

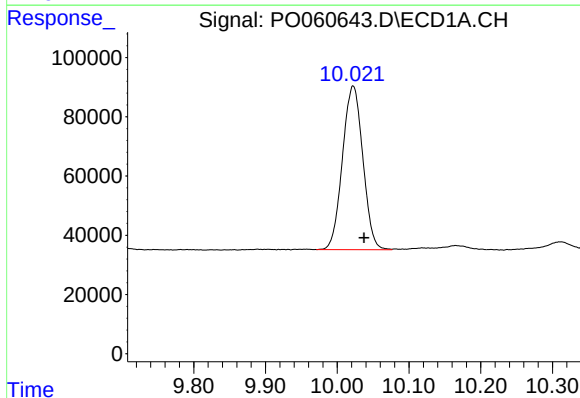
R.T.: 4.364 min
Delta R.T.: -0.005 min
Response: 985805
Conc: 23.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP4



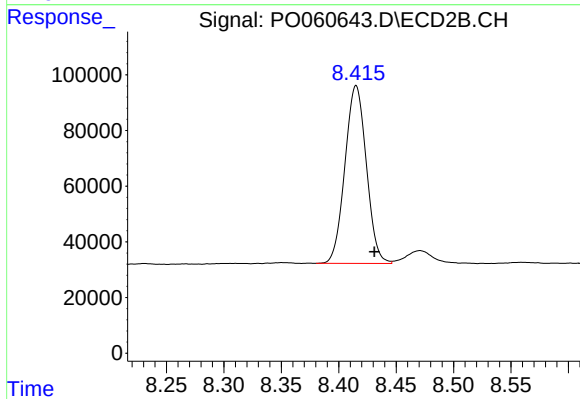
#1 Tetrachloro-m-xylene

R.T.: 3.531 min
Delta R.T.: -0.005 min
Response: 784980
Conc: 25.56 ng/ml



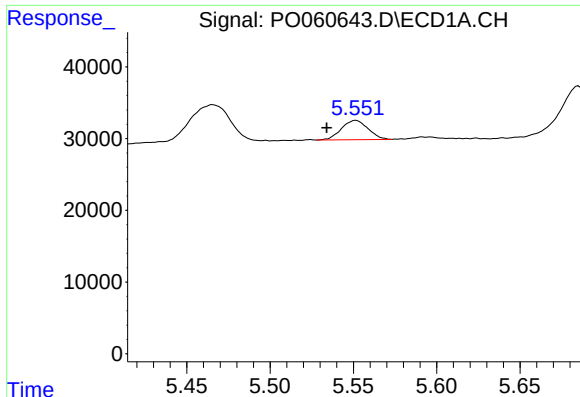
#2 Decachlorobiphenyl

R.T.: 10.022 min
Delta R.T.: -0.015 min
Response: 1091490
Conc: 20.69 ng/ml



#2 Decachlorobiphenyl

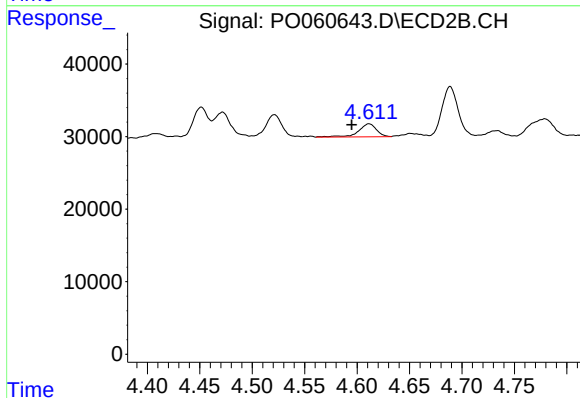
R.T.: 8.415 min
Delta R.T.: -0.016 min
Response: 831978
Conc: 22.47 ng/ml



#3 AR-1016-1

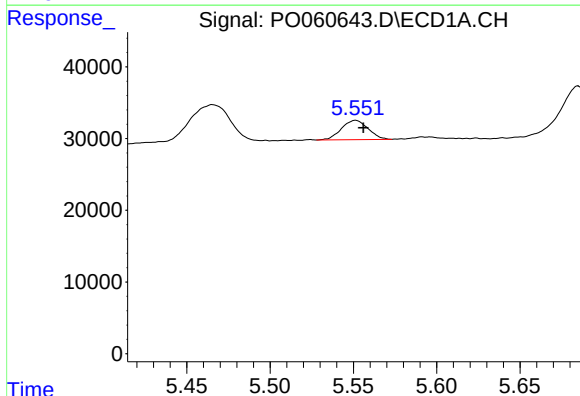
R.T.: 5.551 min
Delta R.T.: 0.017 min
Response: 29777
Conc: 18.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP4



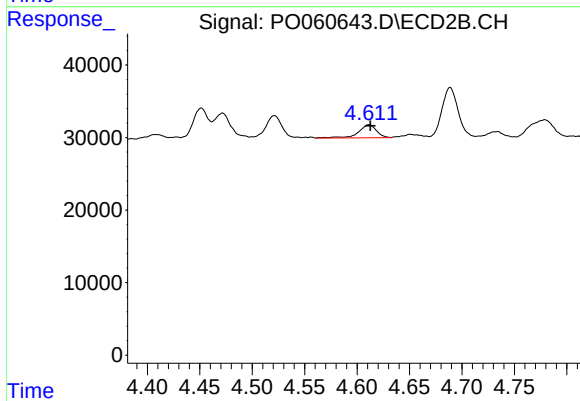
#3 AR-1016-1

R.T.: 4.611 min
Delta R.T.: 0.016 min
Response: 21566
Conc: 17.17 ng/ml



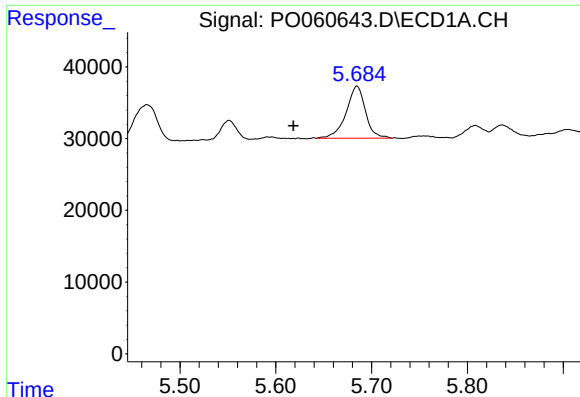
#4 AR-1016-2

R.T.: 5.551 min
Delta R.T.: -0.005 min
Response: 29777
Conc: 12.70 ng/ml



#4 AR-1016-2

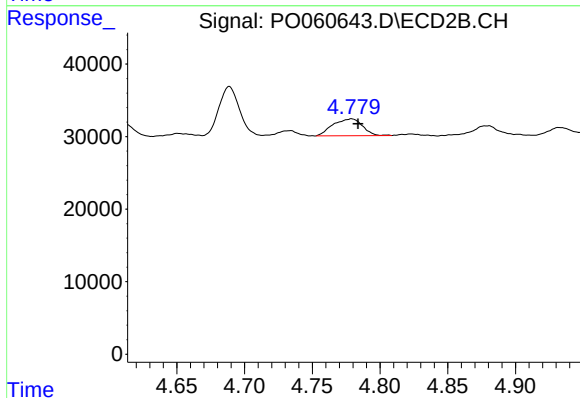
R.T.: 4.611 min
Delta R.T.: -0.001 min
Response: 21566
Conc: 12.34 ng/ml



#5 AR-1016-3

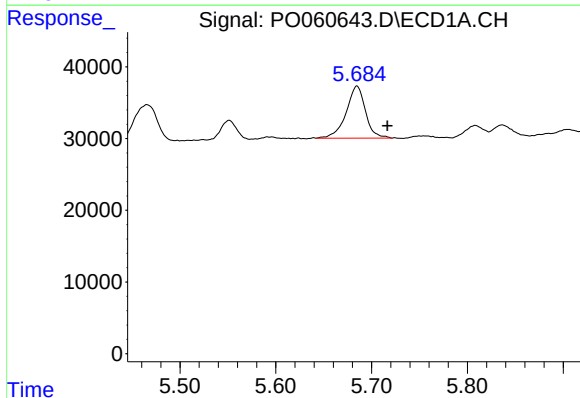
R.T.: 5.685 min
Delta R.T.: 0.066 min
Response: 102071
Conc: 70.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP4



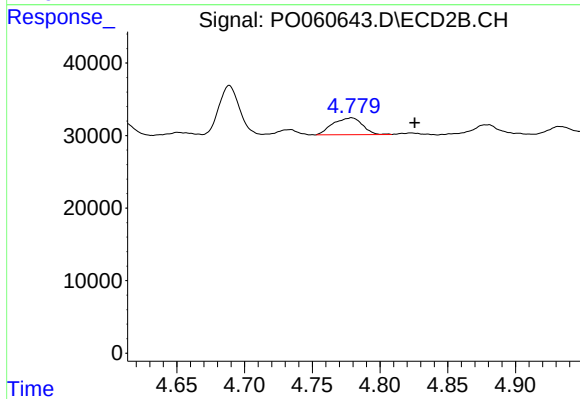
#5 AR-1016-3

R.T.: 4.779 min
Delta R.T.: -0.005 min
Response: 35421
Conc: 37.25 ng/ml



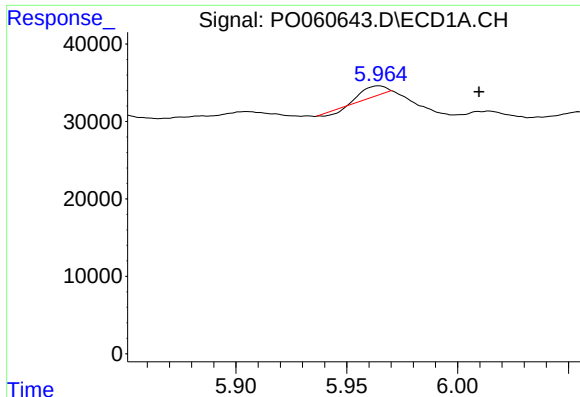
#6 AR-1016-4

R.T.: 5.685 min
Delta R.T.: -0.032 min
Response: 102071
Conc: 83.02 ng/ml



#6 AR-1016-4

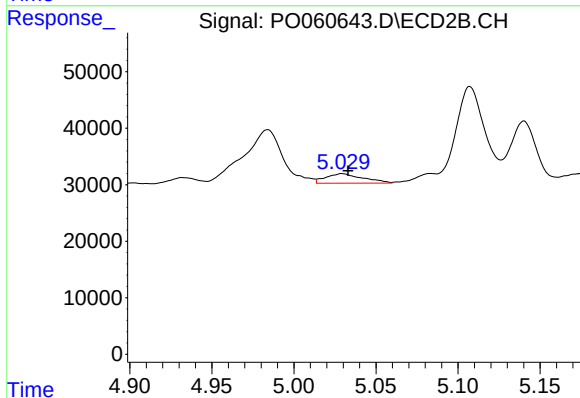
R.T.: 4.779 min
Delta R.T.: -0.047 min
Response: 35421
Conc: 42.98 ng/ml



#7 AR-1016-5

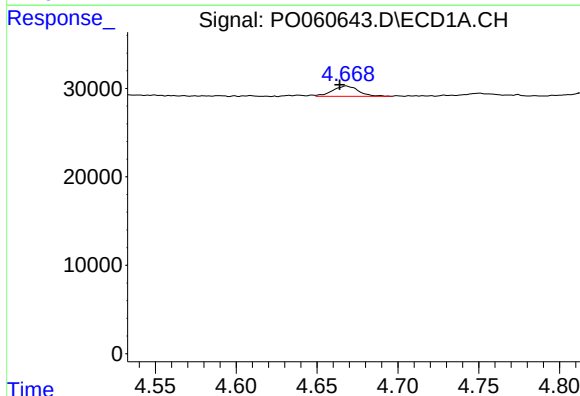
R.T.: 5.964 min
Delta R.T.: -0.045 min
Response: 8133
Conc: 6.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP4



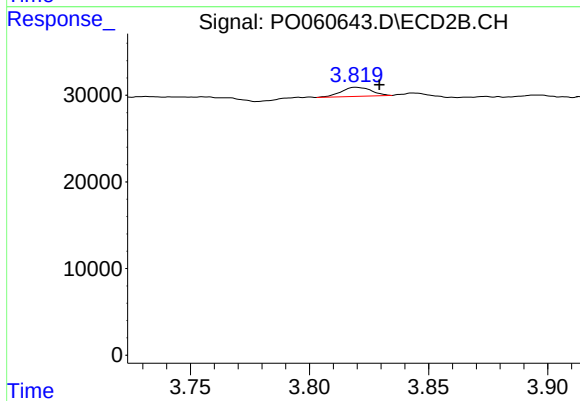
#7 AR-1016-5

R.T.: 5.029 min
Delta R.T.: -0.004 min
Response: 26565
Conc: 25.00 ng/ml



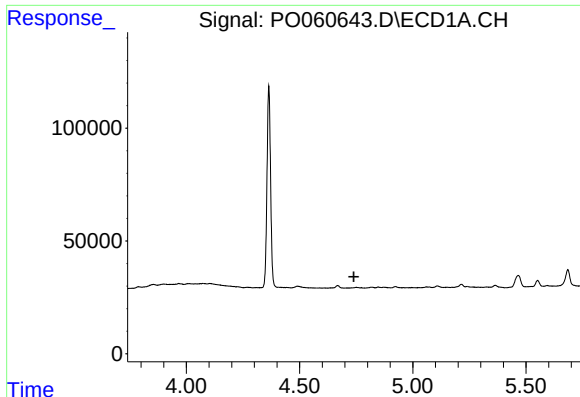
#9 AR-1221-2

R.T.: 4.668 min
Delta R.T.: 0.004 min
Response: 13061
Conc: 37.41 ng/ml



#9 AR-1221-2

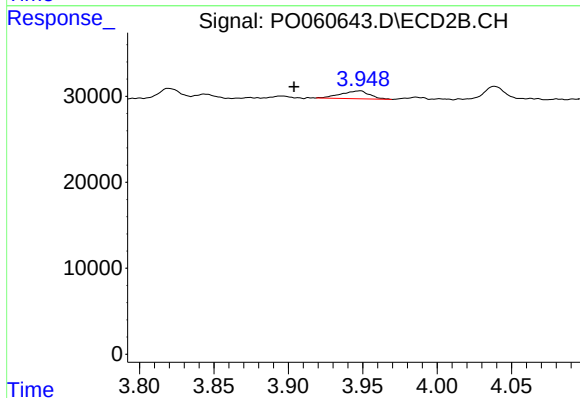
R.T.: 3.819 min
Delta R.T.: -0.010 min
Response: 9340
Conc: 31.23 ng/ml



#10 AR-1221-3

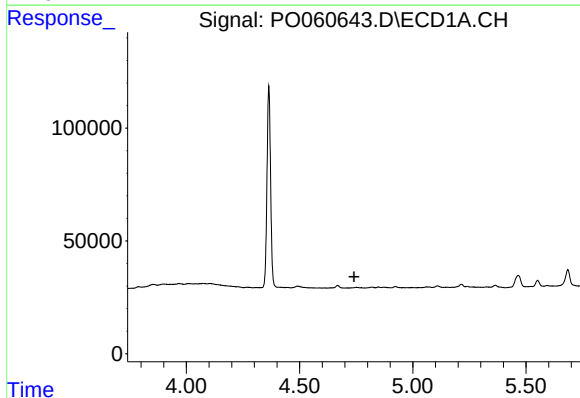
R.T.: 0.000 min
Exp R.T. : 4.740 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TP4



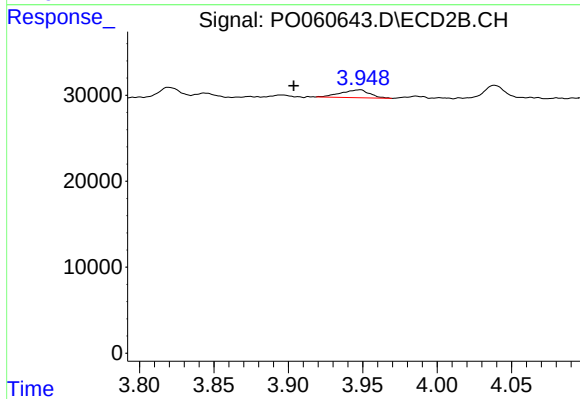
#10 AR-1221-3

R.T.: 3.949 min
Delta R.T.: 0.045 min
Response: 12513
Conc: 13.67 ng/ml



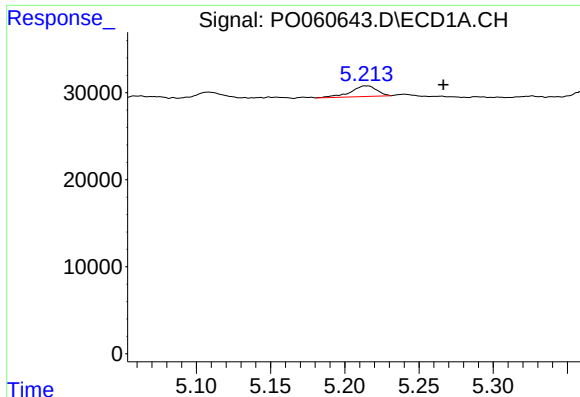
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.740 min
Response: 0
Conc: N.D.



#11 AR-1232-1

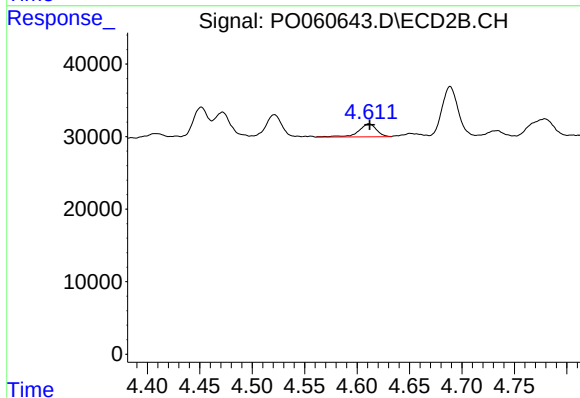
R.T.: 3.949 min
Delta R.T.: 0.045 min
Response: 12513
Conc: 12.80 ng/ml



#12 AR-1232-2

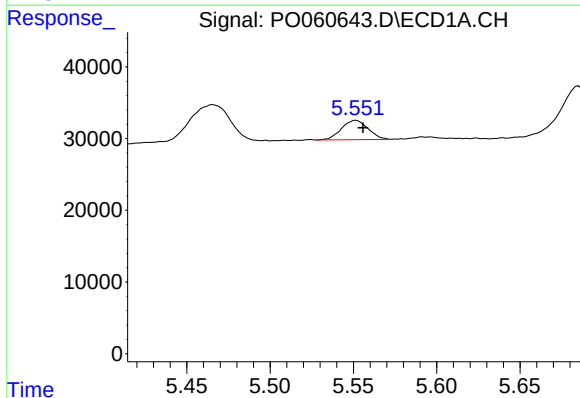
R.T.: 5.213 min
Delta R.T.: -0.053 min
Response: 15019
Conc: 22.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP4



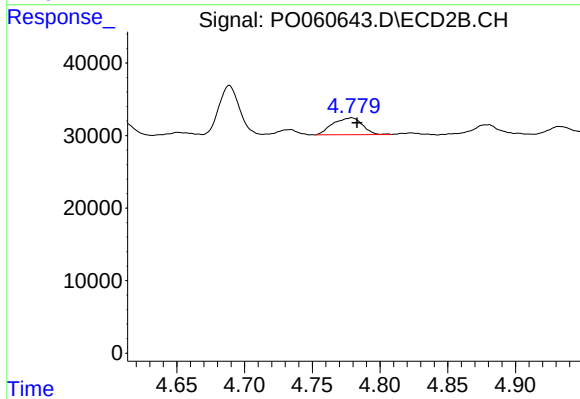
#12 AR-1232-2

R.T.: 4.611 min
Delta R.T.: 0.000 min
Response: 21566
Conc: 20.46 ng/ml



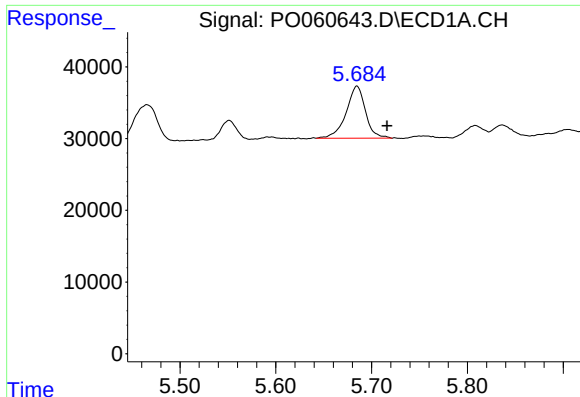
#13 AR-1232-3

R.T.: 5.551 min
Delta R.T.: -0.004 min
Response: 29777
Conc: 21.24 ng/ml



#13 AR-1232-3

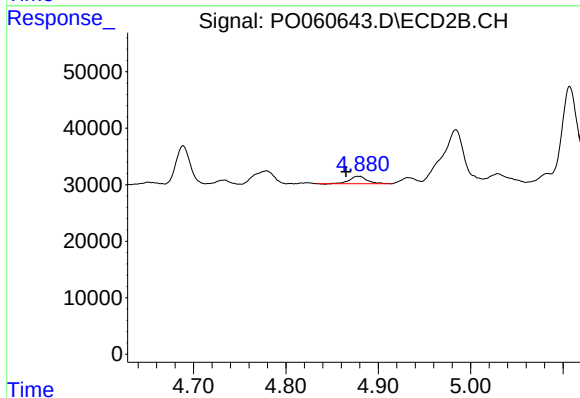
R.T.: 4.779 min
Delta R.T.: -0.004 min
Response: 35421
Conc: 62.55 ng/ml



#14 AR-1232-4

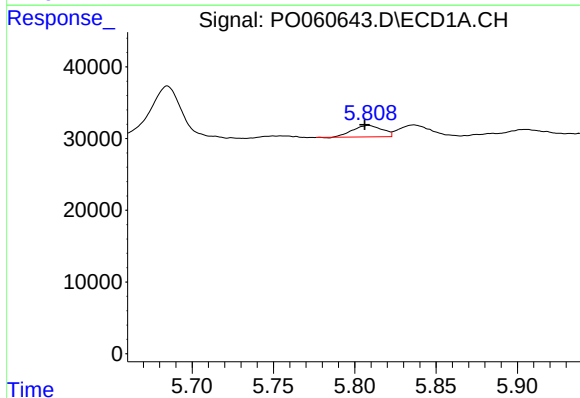
R.T.: 5.685 min
Delta R.T.: -0.031 min
Response: 102071
Conc: 139.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP4



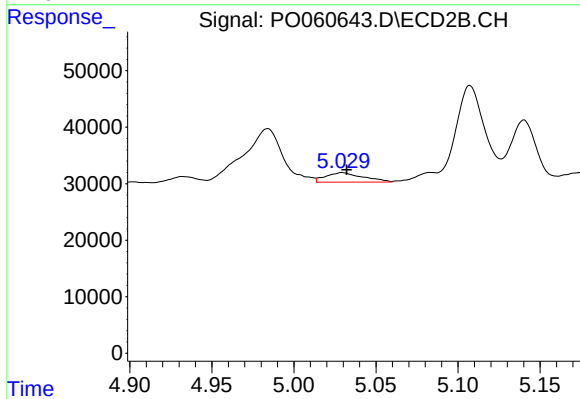
#14 AR-1232-4

R.T.: 4.880 min
Delta R.T.: 0.015 min
Response: 16960
Conc: 31.19 ng/ml



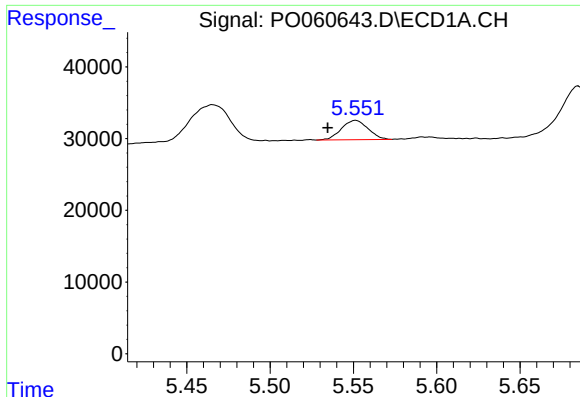
#15 AR-1232-5

R.T.: 5.808 min
Delta R.T.: 0.002 min
Response: 20217
Conc: 38.67 ng/ml



#15 AR-1232-5

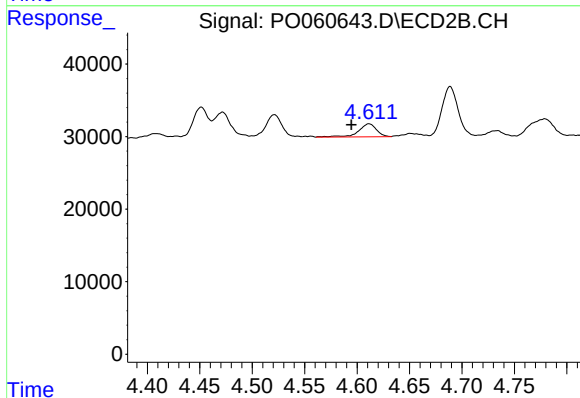
R.T.: 5.029 min
Delta R.T.: -0.003 min
Response: 26565
Conc: 44.52 ng/ml



#16 AR-1242-1

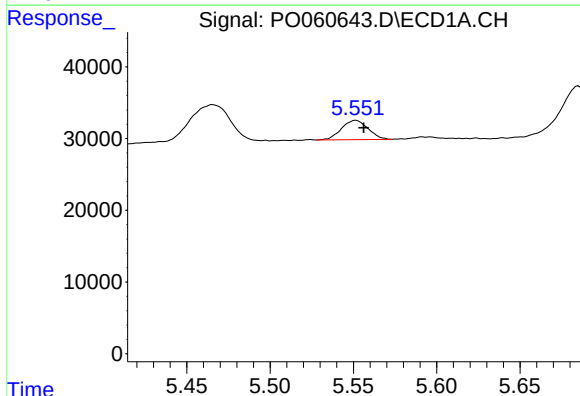
R.T.: 5.551 min
Delta R.T.: 0.017 min
Response: 29777
Conc: 24.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP4



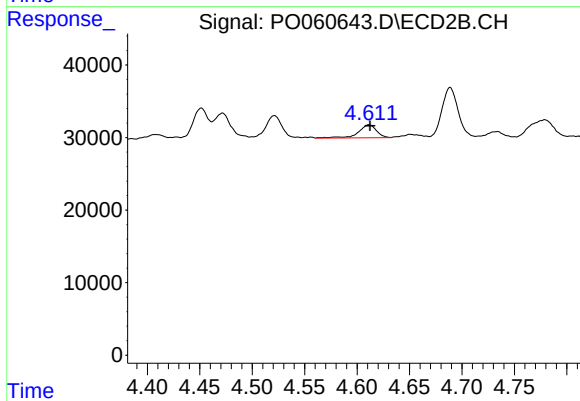
#16 AR-1242-1

R.T.: 4.611 min
Delta R.T.: 0.017 min
Response: 21566
Conc: 23.46 ng/ml



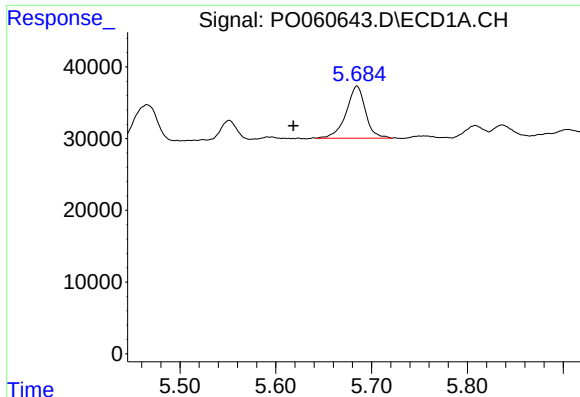
#17 AR-1242-2

R.T.: 5.551 min
Delta R.T.: -0.005 min
Response: 29777
Conc: 17.22 ng/ml



#17 AR-1242-2

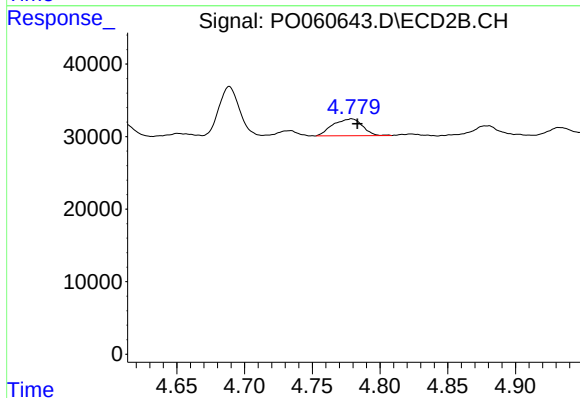
R.T.: 4.611 min
Delta R.T.: -0.001 min
Response: 21566
Conc: 16.81 ng/ml



#18 AR-1242-3

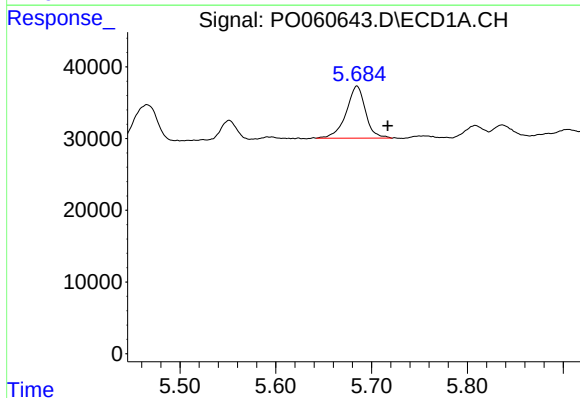
R.T.: 5.685 min
Delta R.T.: 0.067 min
Response: 102071
Conc: 92.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP4



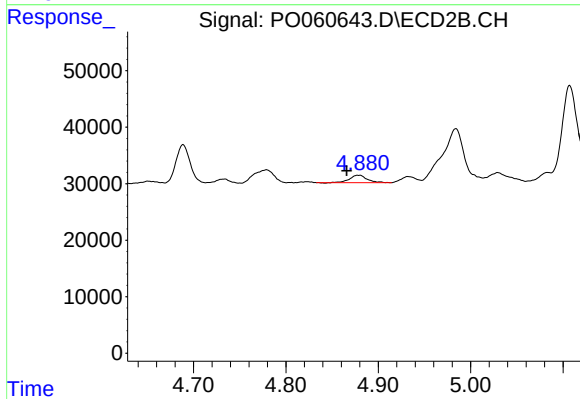
#18 AR-1242-3

R.T.: 4.779 min
Delta R.T.: -0.004 min
Response: 35421
Conc: 49.61 ng/ml



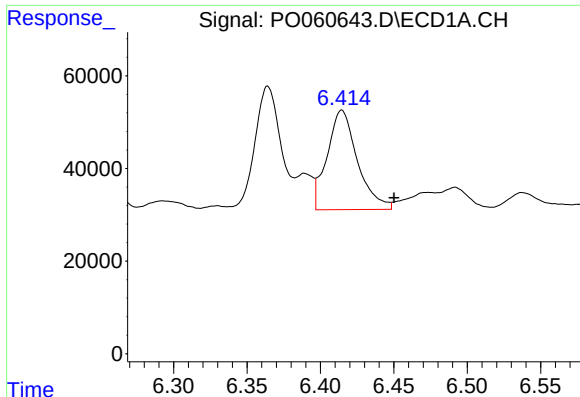
#19 AR-1242-4

R.T.: 5.685 min
Delta R.T.: -0.032 min
Response: 102071
Conc: 113.38 ng/ml



#19 AR-1242-4

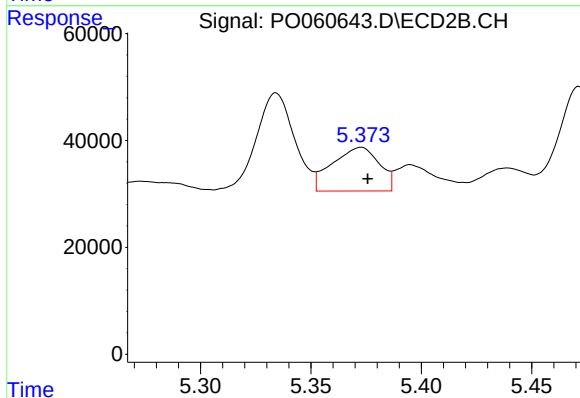
R.T.: 4.880 min
Delta R.T.: 0.015 min
Response: 16960
Conc: 22.62 ng/ml



#20 AR-1242-5

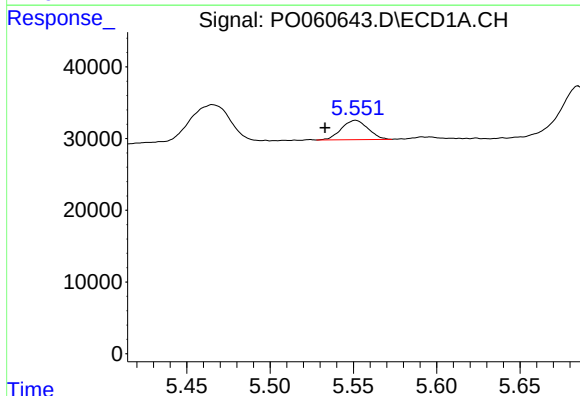
R.T.: 6.415 min
Delta R.T.: -0.036 min
Response: 308909
Conc: 283.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP4



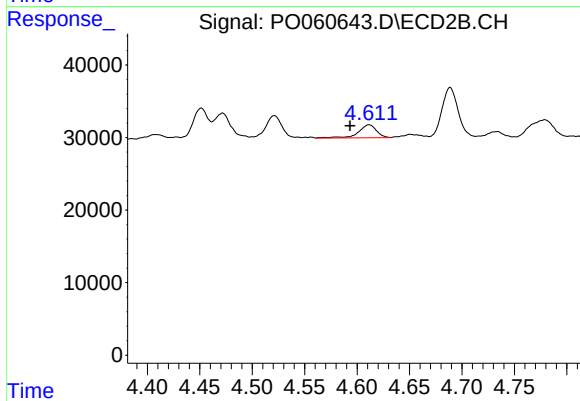
#20 AR-1242-5

R.T.: 5.373 min
Delta R.T.: -0.003 min
Response: 121203
Conc: 124.13 ng/ml



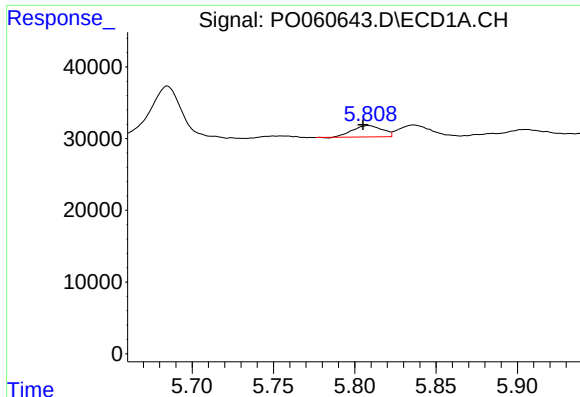
#21 AR-1248-1

R.T.: 5.551 min
Delta R.T.: 0.018 min
Response: 29777
Conc: 32.45 ng/ml



#21 AR-1248-1

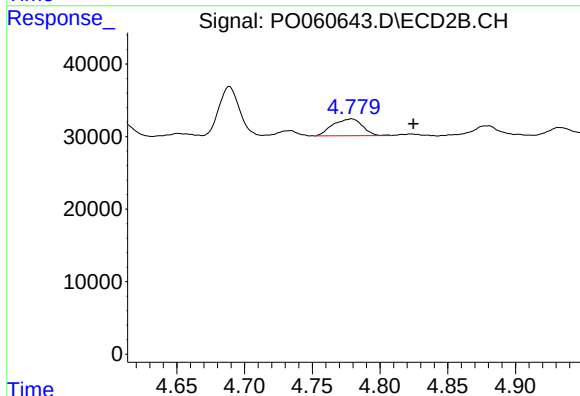
R.T.: 4.611 min
Delta R.T.: 0.018 min
Response: 21566
Conc: 29.83 ng/ml



#22 AR-1248-2

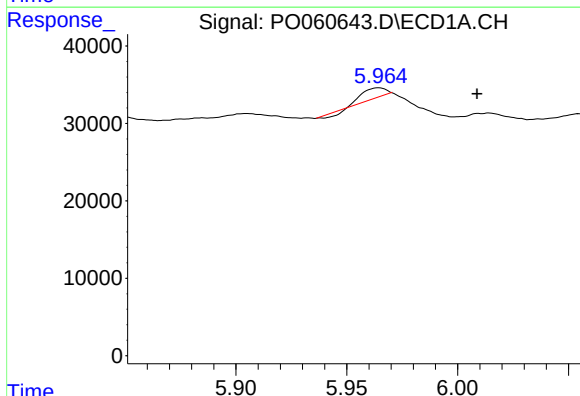
R.T.: 5.808 min
Delta R.T.: 0.003 min
Response: 20217
Conc: 15.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP4



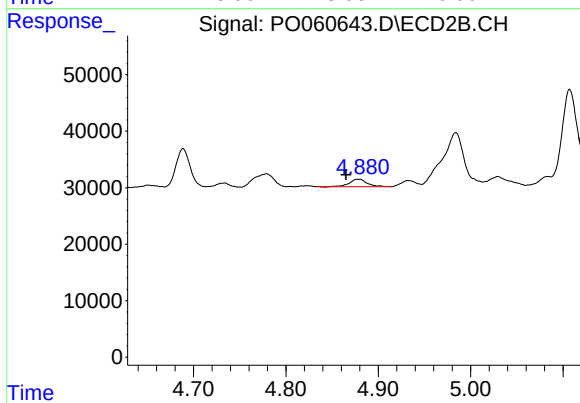
#22 AR-1248-2

R.T.: 4.779 min
Delta R.T.: -0.046 min
Response: 35421
Conc: 36.17 ng/ml



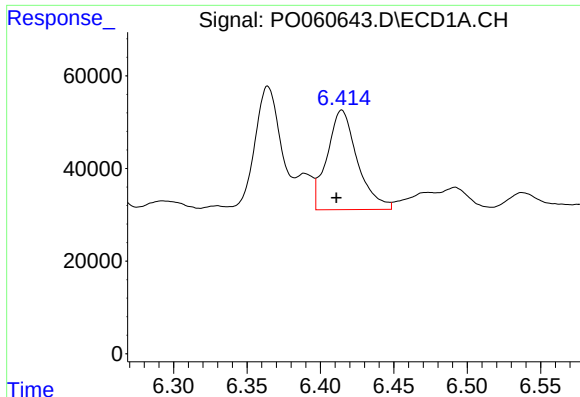
#23 AR-1248-3

R.T.: 5.964 min
Delta R.T.: -0.044 min
Response: 8133
Conc: 5.43 ng/ml



#23 AR-1248-3

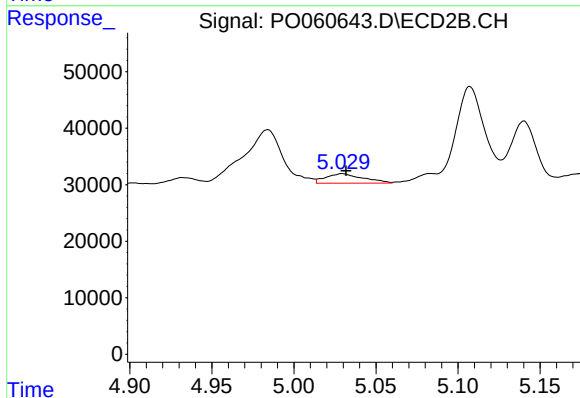
R.T.: 4.880 min
Delta R.T.: 0.015 min
Response: 16960
Conc: 16.62 ng/ml



#24 AR-1248-4

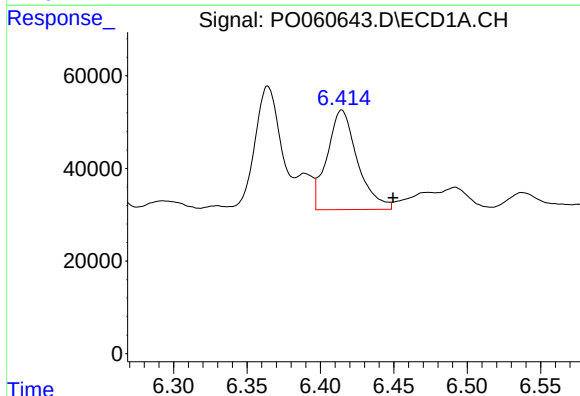
R.T.: 6.415 min
Delta R.T.: 0.004 min
Response: 308909
Conc: 175.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP4



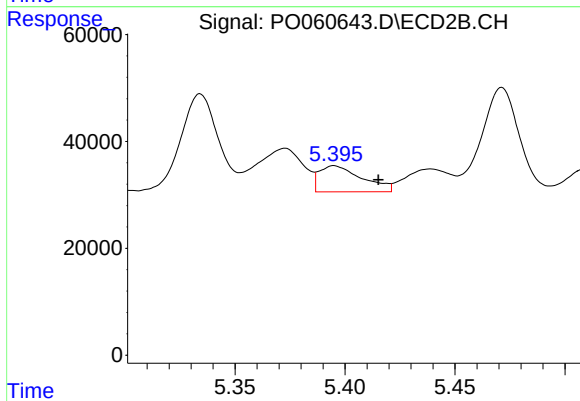
#24 AR-1248-4

R.T.: 5.029 min
Delta R.T.: -0.003 min
Response: 26565
Conc: 21.85 ng/ml



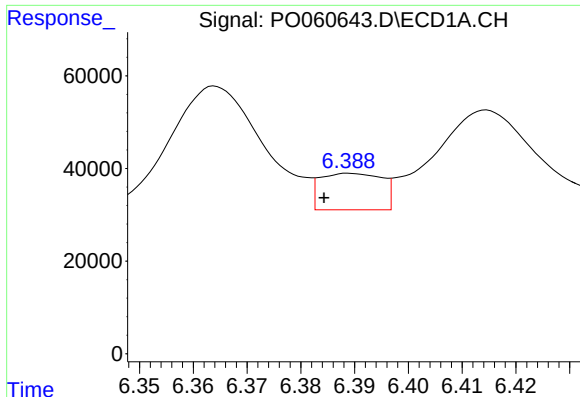
#25 AR-1248-5

R.T.: 6.415 min
Delta R.T.: -0.035 min
Response: 308909
Conc: 184.66 ng/ml



#25 AR-1248-5

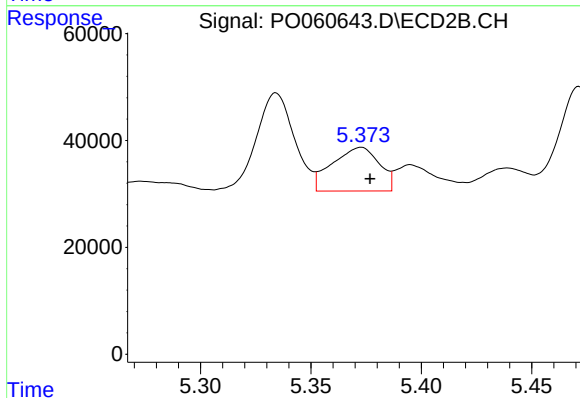
R.T.: 5.395 min
Delta R.T.: -0.020 min
Response: 66192
Conc: 54.41 ng/ml



#26 AR-1254-1

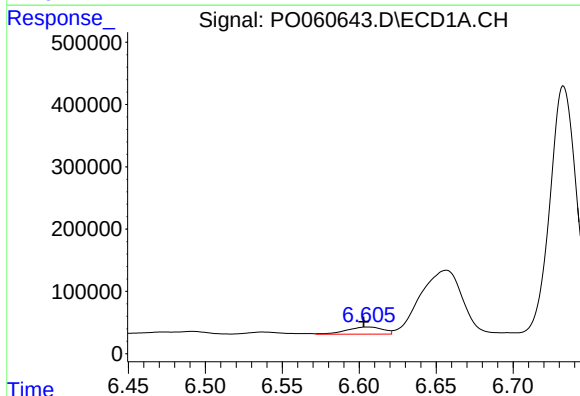
R.T.: 6.389 min
Delta R.T.: 0.005 min
Response: 62830
Conc: 34.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP4



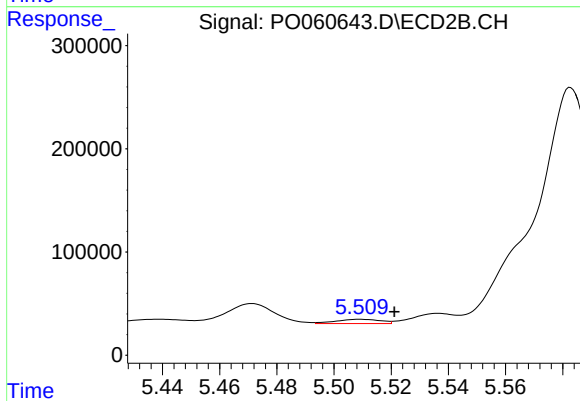
#26 AR-1254-1

R.T.: 5.373 min
Delta R.T.: -0.004 min
Response: 121203
Conc: 63.88 ng/ml



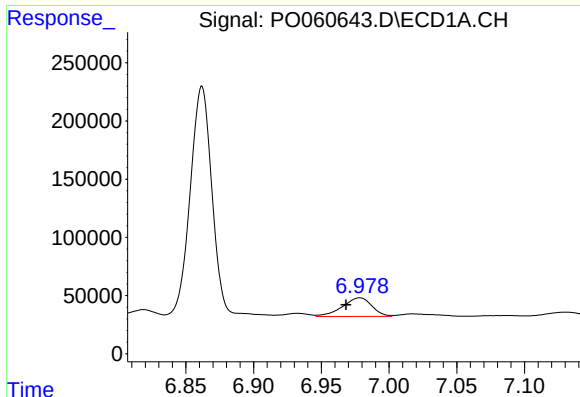
#27 AR-1254-2

R.T.: 6.605 min
Delta R.T.: 0.002 min
Response: 187063
Conc: 64.55 ng/ml



#27 AR-1254-2

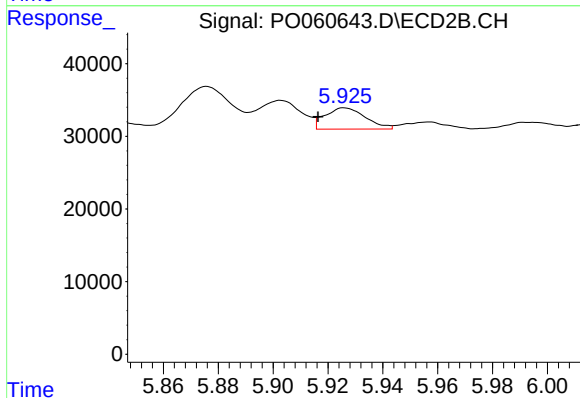
R.T.: 5.509 min
Delta R.T.: -0.012 min
Response: 44844
Conc: 26.24 ng/ml



#28 AR-1254-3

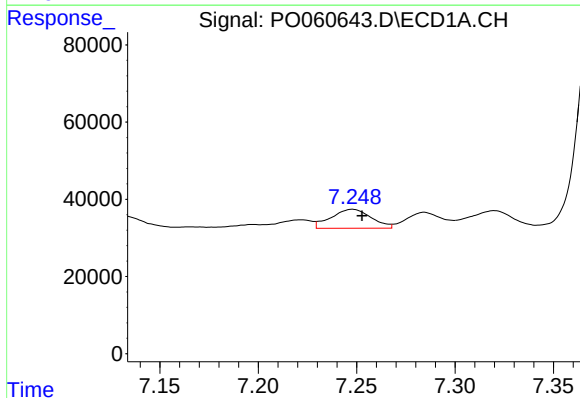
R.T.: 6.978 min
Delta R.T.: 0.010 min
Response: 243127
Conc: 76.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP4



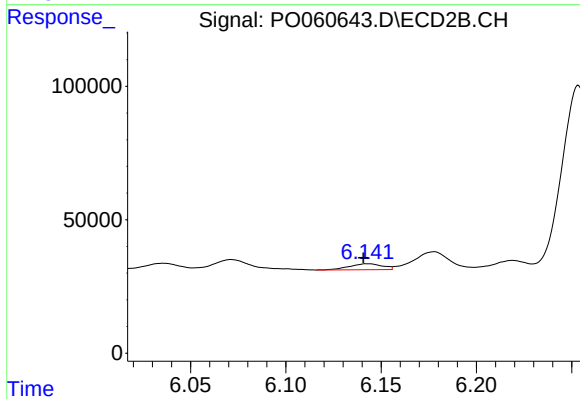
#28 AR-1254-3

R.T.: 5.926 min
Delta R.T.: 0.010 min
Response: 30075
Conc: 10.72 ng/ml



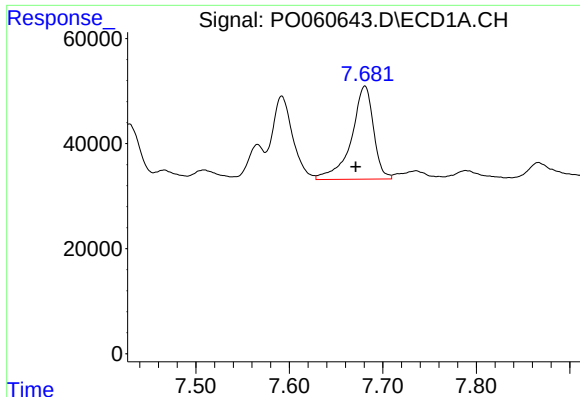
#29 AR-1254-4

R.T.: 7.248 min
Delta R.T.: -0.005 min
Response: 69547
Conc: 28.96 ng/ml



#29 AR-1254-4

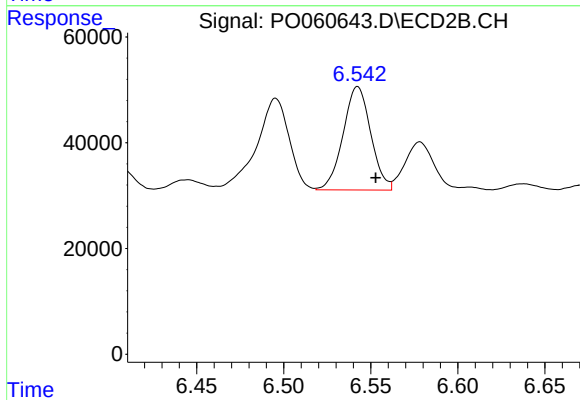
R.T.: 6.143 min
Delta R.T.: 0.002 min
Response: 26498
Conc: 14.83 ng/ml



#30 AR-1254-5

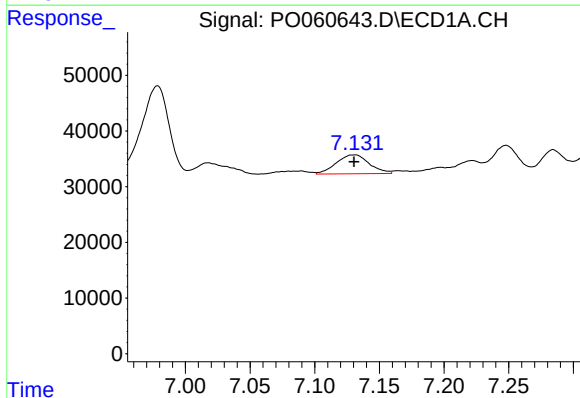
R.T.: 7.681 min
Delta R.T.: 0.010 min
Response: 291448
Conc: 107.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP4



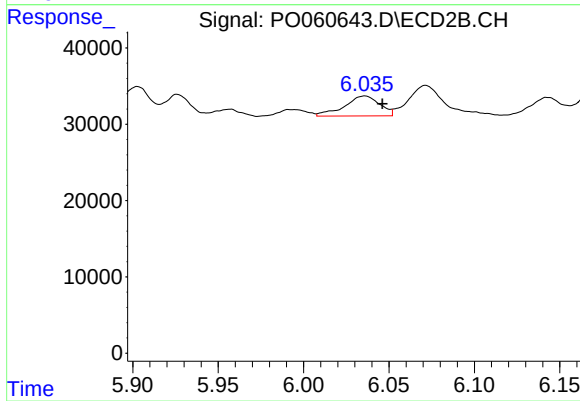
#30 AR-1254-5

R.T.: 6.542 min
Delta R.T.: -0.010 min
Response: 216394
Conc: 82.47 ng/ml



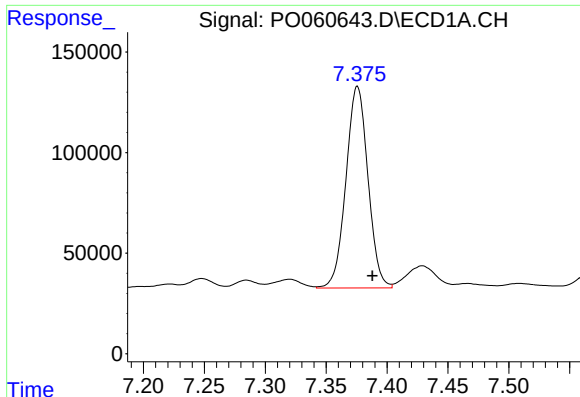
#31 AR-1260-1

R.T.: 7.131 min
Delta R.T.: 0.000 min
Response: 60586
Conc: 24.24 ng/ml



#31 AR-1260-1

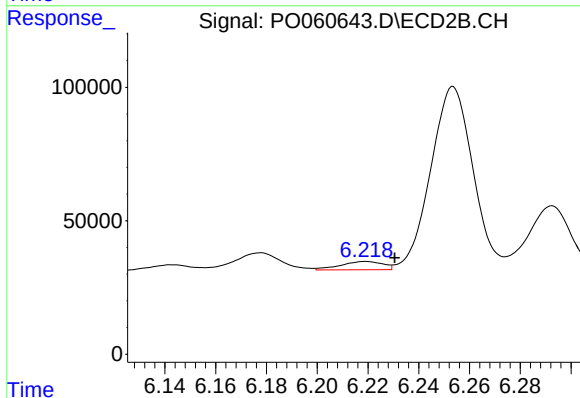
R.T.: 6.036 min
Delta R.T.: -0.010 min
Response: 37483
Conc: 18.23 ng/ml



#32 AR-1260-2

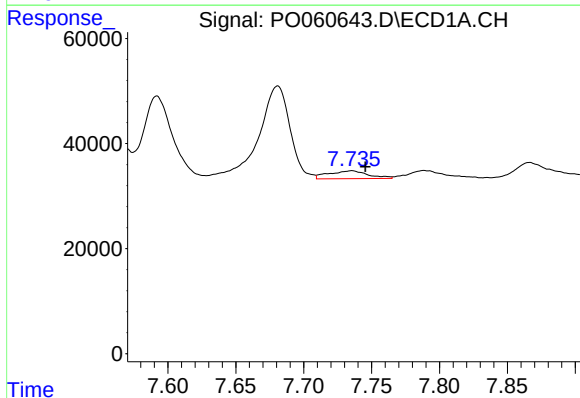
R.T.: 7.376 min
Delta R.T.: -0.012 min
Response: 1260858
Conc: 405.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP4



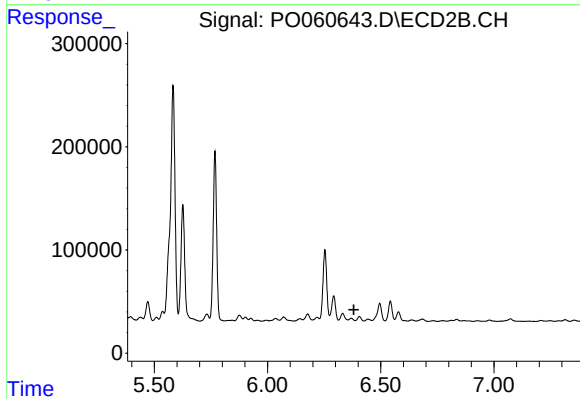
#32 AR-1260-2

R.T.: 6.219 min
Delta R.T.: -0.011 min
Response: 36302
Conc: 14.50 ng/ml



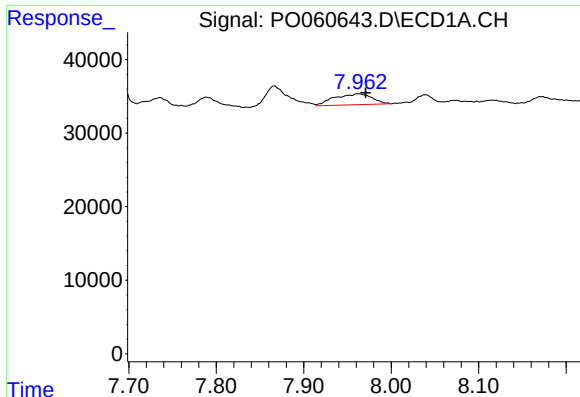
#33 AR-1260-3

R.T.: 7.736 min
Delta R.T.: -0.010 min
Response: 30408
Conc: 12.16 ng/ml



#33 AR-1260-3

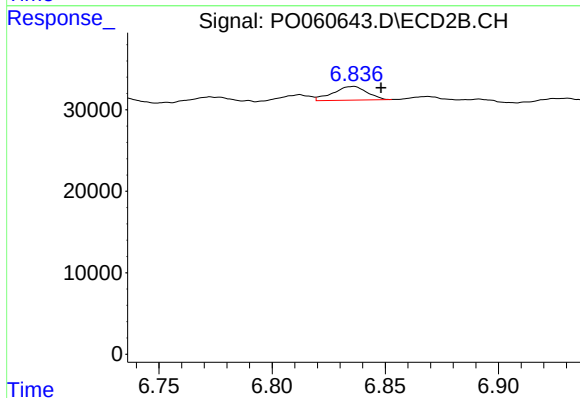
R.T.: 6.370 min
Delta R.T.: -0.012 min
Response: -5693
Conc: N.D.



#34 AR-1260-4

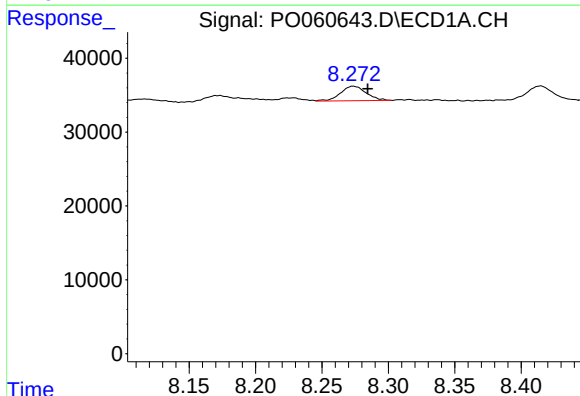
R.T.: 7.962 min
Delta R.T.: -0.008 min
Response: 44122
Conc: 14.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP4



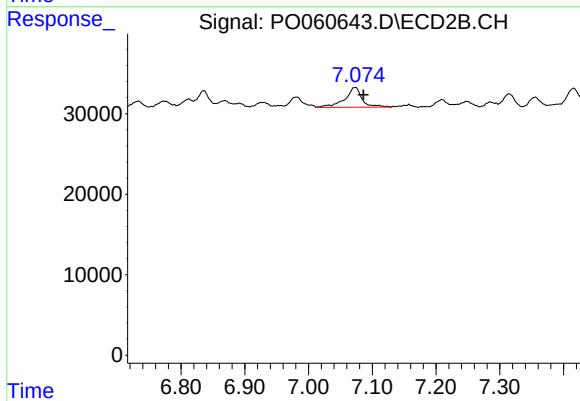
#34 AR-1260-4

R.T.: 6.836 min
Delta R.T.: -0.012 min
Response: 17585
Conc: 8.66 ng/ml



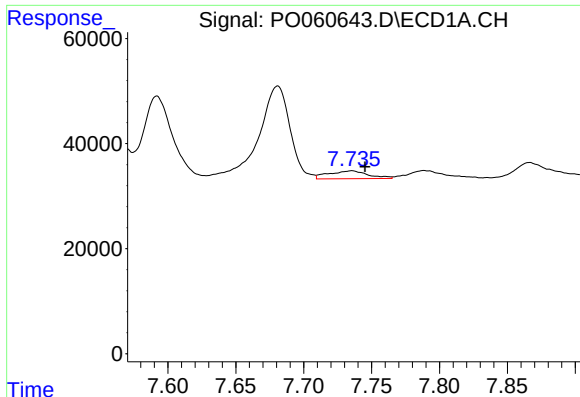
#35 AR-1260-5

R.T.: 8.274 min
Delta R.T.: -0.011 min
Response: 26351
Conc: 4.69 ng/ml



#35 AR-1260-5

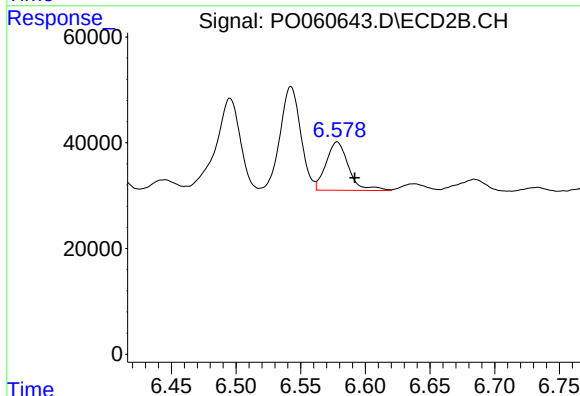
R.T.: 7.073 min
Delta R.T.: -0.013 min
Response: 45681
Conc: 9.97 ng/ml



#36 AR-1262-1

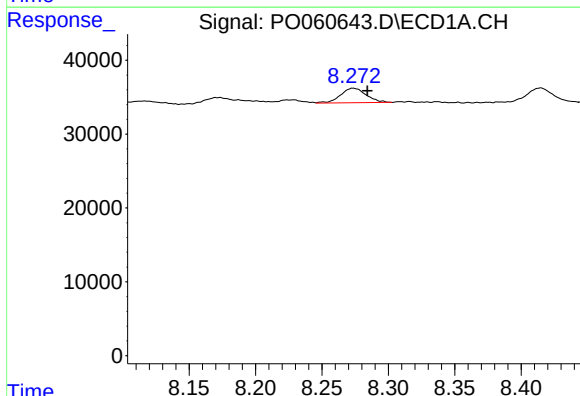
R.T.: 7.736 min
Delta R.T.: -0.010 min
Response: 30408
Conc: 9.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP4



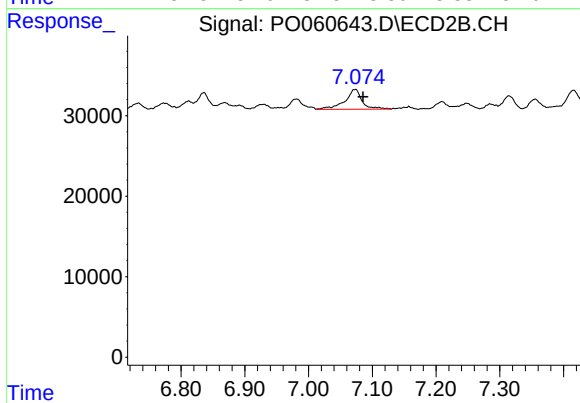
#36 AR-1262-1

R.T.: 6.578 min
Delta R.T.: -0.014 min
Response: 110823
Conc: 41.68 ng/ml



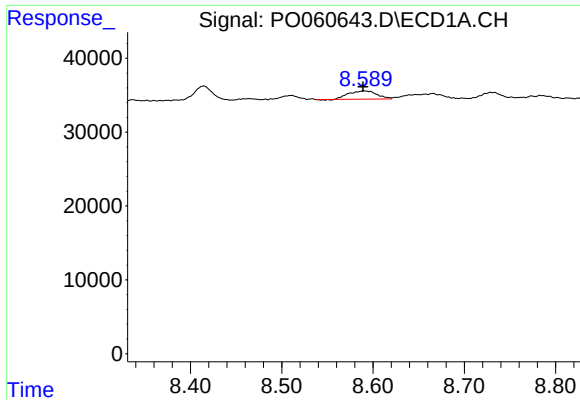
#37 AR-1262-2

R.T.: 8.274 min
Delta R.T.: -0.011 min
Response: 26351
Conc: 4.50 ng/ml



#37 AR-1262-2

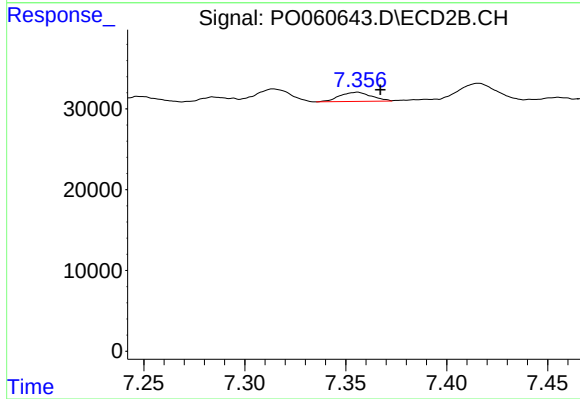
R.T.: 7.073 min
Delta R.T.: -0.012 min
Response: 45681
Conc: 10.06 ng/ml



#38 AR-1262-3

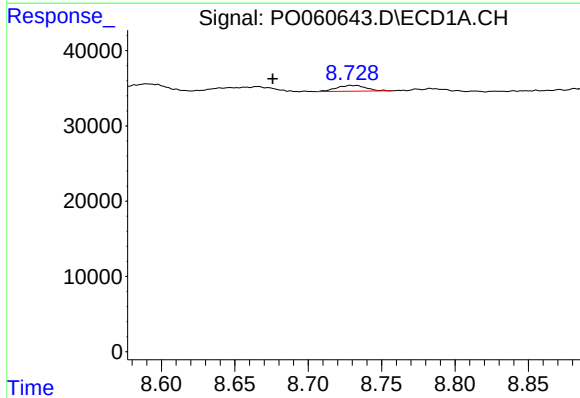
R.T.: 8.590 min
Delta R.T.: 0.000 min
Response: 24132
Conc: 6.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP4



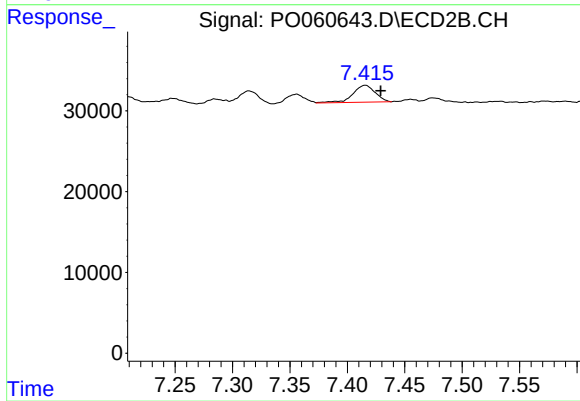
#38 AR-1262-3

R.T.: 7.356 min
Delta R.T.: -0.011 min
Response: 12517
Conc: 6.60 ng/ml



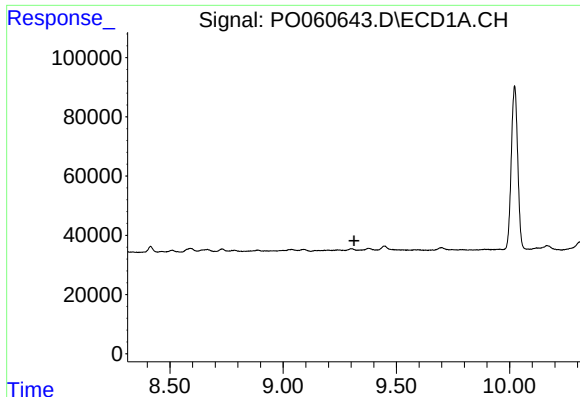
#39 AR-1262-4

R.T.: 8.729 min
Delta R.T.: 0.054 min
Response: 10735
Conc: 3.54 ng/ml



#39 AR-1262-4

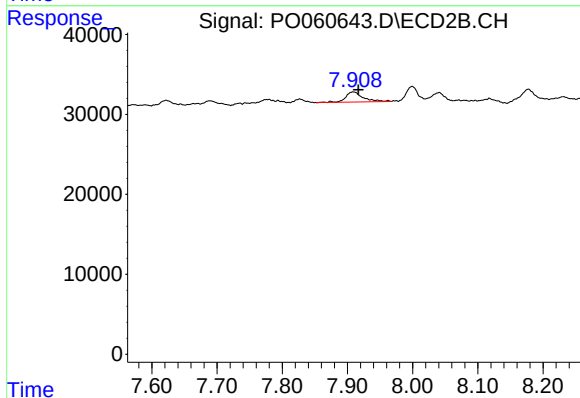
R.T.: 7.416 min
Delta R.T.: -0.013 min
Response: 28636
Conc: 8.35 ng/ml



#40 AR-1262-5

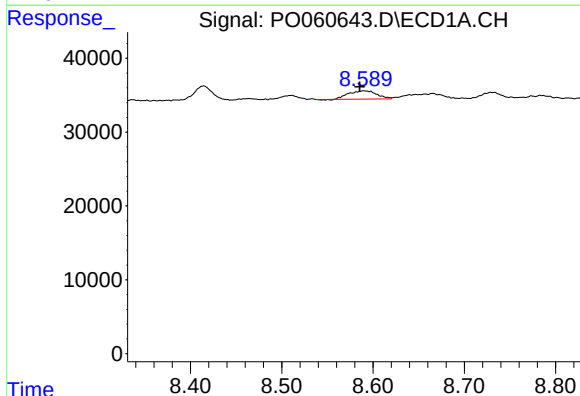
R.T.: 0.000 min
Exp R.T.: 9.313 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TP4



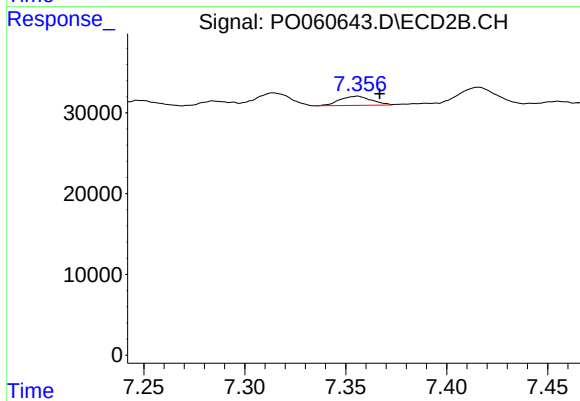
#40 AR-1262-5

R.T.: 7.909 min
Delta R.T.: -0.008 min
Response: 23530
Conc: 15.05 ng/ml



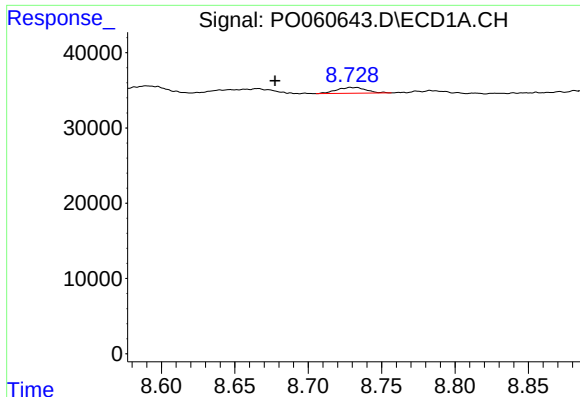
#41 AR-1268-1

R.T.: 8.590 min
Delta R.T.: 0.005 min
Response: 24132
Conc: 3.50 ng/ml



#41 AR-1268-1

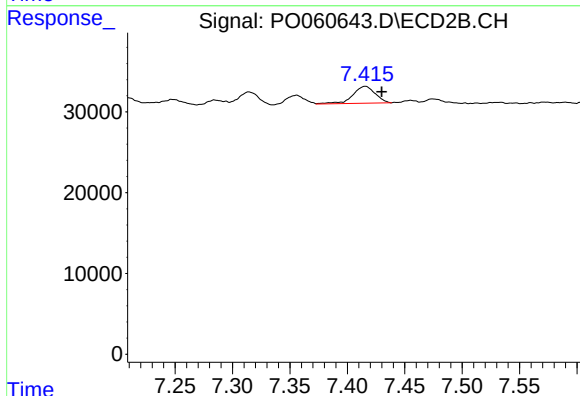
R.T.: 7.356 min
Delta R.T.: -0.011 min
Response: 12517
Conc: 2.46 ng/ml



#42 AR-1268-2

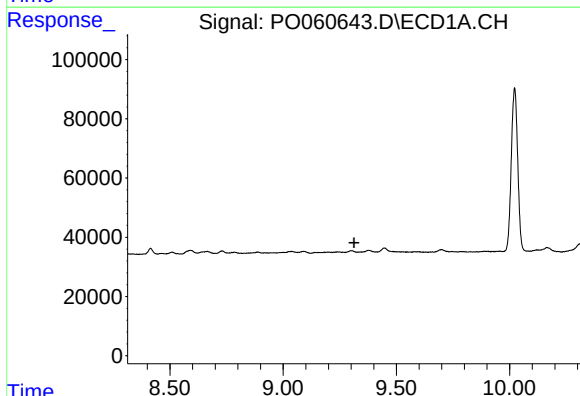
R.T.: 8.729 min
Delta R.T.: 0.052 min
Response: 10735
Conc: 1.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP4



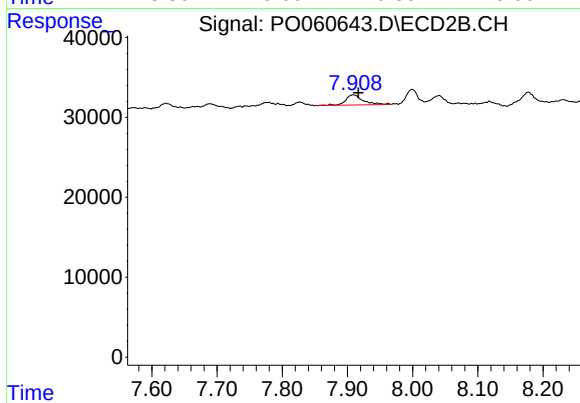
#42 AR-1268-2

R.T.: 7.416 min
Delta R.T.: -0.014 min
Response: 28636
Conc: 6.16 ng/ml



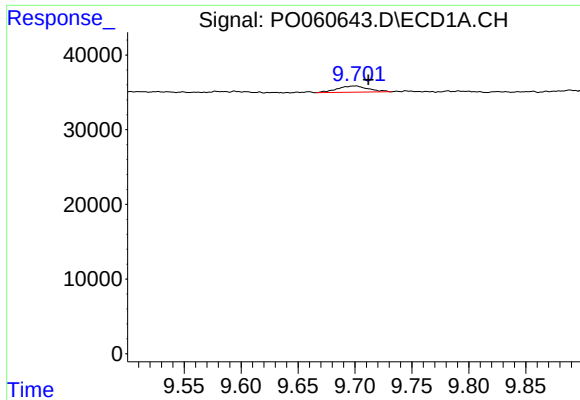
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.313 min
Response: 0
Conc: N.D.



#44 AR-1268-4

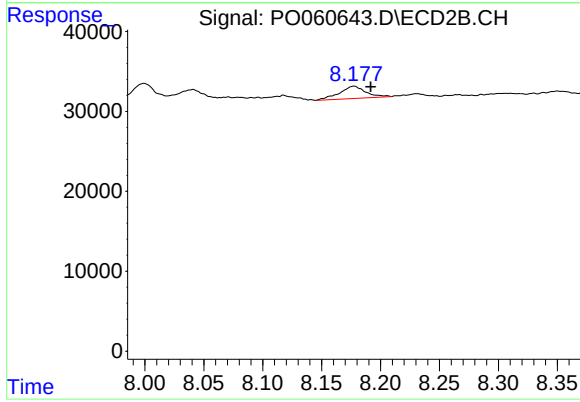
R.T.: 7.909 min
Delta R.T.: -0.008 min
Response: 23530
Conc: 13.84 ng/ml



#45 AR-1268-5

R.T.: 9.700 min
Delta R.T.: -0.011 min
Response: 15643
Conc: 0.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP4



#45 AR-1268-5

R.T.: 8.177 min
Delta R.T.: -0.014 min
Response: 23867
Conc: 2.13 ng/ml