

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091719\
 Data File : P0061024.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Sep 2019 22:16
 Operator : SM/AJ
 Sample : K4862-06
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 CSA-4-4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 01:19:20 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Sep 14 00:06:36 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...	4.367	3.531	898142	694487	24.412	24.872
2)	SA Decachlor...	10.028	8.410	673324	489307	14.655	13.960
Target Compounds							
3)	L1 AR-1016-1	0.000	4.602	0	28816	N.D.	23.309 #
4)	L1 AR-1016-2	0.000	4.602	0	28816	N.D.	16.937 #
5)	L1 AR-1016-3	0.000	4.773	0	7698	N.D.	7.940 #
6)	L1 AR-1016-4	5.688	4.815	53270	24473	45.160	29.898 #
7)	L1 AR-1016-5	6.004	5.022	22094	24758	17.625	23.638 #
8)	L2 AR-1221-1	0.000	3.694	0	2222	N.D.	6.278 #
9)	L2 AR-1221-2	0.000	3.820	0	13164	N.D.	46.841 #
10)	L2 AR-1221-3	4.752	3.894	25893	18183	24.445	21.906
11)	L3 AR-1232-1	4.752	3.894	25893	18183	22.192	19.952
12)	L3 AR-1232-2	5.222	4.602	21616	28816	33.339	28.540
13)	L3 AR-1232-3	0.000	4.773	0	7698	N.D.	13.717 #
14)	L3 AR-1232-4	5.688	4.854	53270	20694	77.524	39.627 #
15)	L3 AR-1232-5	5.801	5.022	32642	24758	59.610	43.747 #
16)	L4 AR-1242-1	0.000	4.602	0	28816	N.D.	31.653 #
17)	L4 AR-1242-2	0.000	4.602	0	28816	N.D.	23.019 #
18)	L4 AR-1242-3	5.688	4.773	53270	7698	49.193	10.773 #
19)	L4 AR-1242-4	5.688	4.854	53270	20694	60.342	28.416 #
20)	L4 AR-1242-5	6.446	5.365	52255	90452	46.628	91.375 #
21)	L5 AR-1248-1	0.000	4.602	0	28816	N.D.	40.627 #
22)	L5 AR-1248-2	5.801	4.815	32642	24473	24.410	25.329
23)	L5 AR-1248-3	6.004	4.854	22094	20694	14.599	20.547 #
24)	L5 AR-1248-4	6.406	5.022	50028	24758	27.459	20.616
25)	L5 AR-1248-5	6.446	5.404	52255	36085	29.867	28.545
26)	L6 AR-1254-1	6.381	5.365	82042	90452	42.583	43.889
27)	L6 AR-1254-2	6.599	5.508	164584	52482	52.300	27.812 #
28)	L6 AR-1254-3	6.967	5.903	178343	91219	50.637	28.690 #
29)	L6 AR-1254-4	7.248	6.127	89682	50744	33.129	24.373 #
30)	L6 AR-1254-5	7.664	6.538	159516	123836	54.095	39.128 #
31)	L7 AR-1260-1	7.124	6.031	85778	83412	35.233	39.656
32)	L7 AR-1260-2	7.377	6.217	249296	78666	82.457	30.496 #
33)	L7 AR-1260-3	7.739	6.365	57743	72236	24.196	29.997
34)	L7 AR-1260-4	7.961	6.831	76797	43842	27.450	20.485 #
35)	L7 AR-1260-5	8.278	7.070	108242	125815	19.878	26.035 #
36)	L8 AR-1262-1	7.739	6.576	57743	47351	16.347	15.853
37)	L8 AR-1262-2	8.278	7.070	108242	125815	17.362	24.198 #
38)	L8 AR-1262-3	8.596	7.350	82400	29103	19.339	13.712 #
39)	L8 AR-1262-4	8.668	7.411	49836	81209	15.285	21.262 #
40)	L8 AR-1262-5	9.306	7.902	27305	27447	13.428	16.399
41)	L9 AR-1268-1	8.596	7.350	82400	29103	11.165	4.965 #
42)	L9 AR-1268-2	8.668	7.411	49836	81209	7.378	15.236 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091719\
 Data File : P0061024.D
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 Acq On : 17 Sep 2019 22:16
 Operator : SM/AJ
 Sample : K4862-06
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

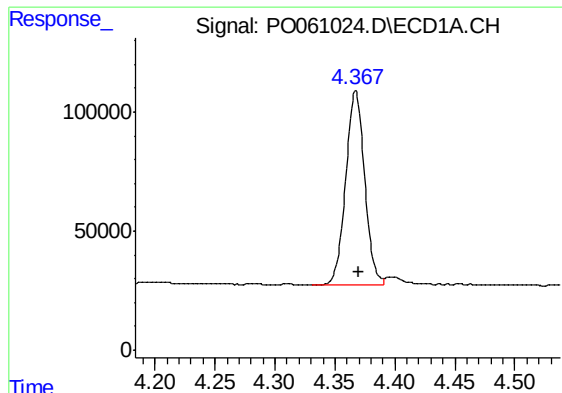
Instrument :
 ECD_O
 ClientSampleId :
 CSA-4-4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 01:19:20 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091319.M
 Quant Title : GC EXTRACTABLES
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 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
43) L9	AR-1268-3	0.000	7.616	0	8040	N.D.	1.814 #
44) L9	AR-1268-4	9.306	7.902	27305	27447	11.837	14.364
45) L9	AR-1268-5	0.000	8.177	0	37985	N.D.	3.157 #

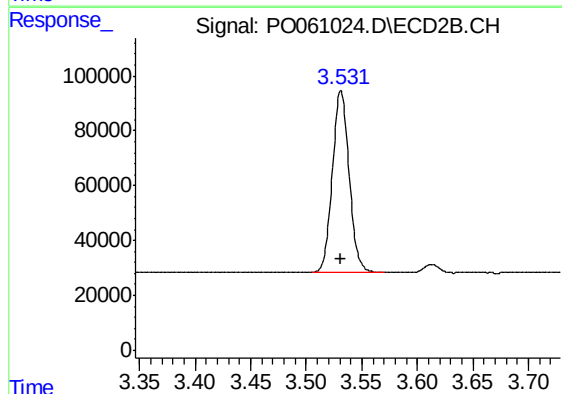
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

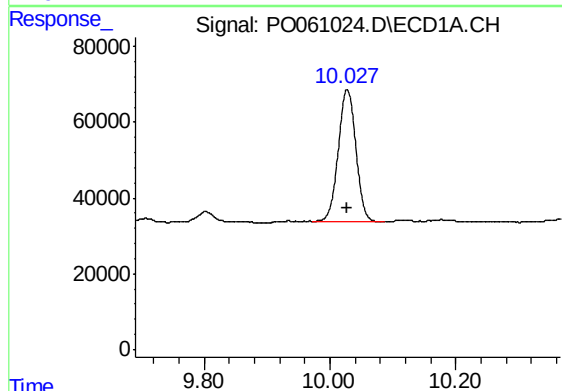
R.T.: 4.367 min
Delta R.T.: -0.003 min
Response: 898142
Conc: 24.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-4



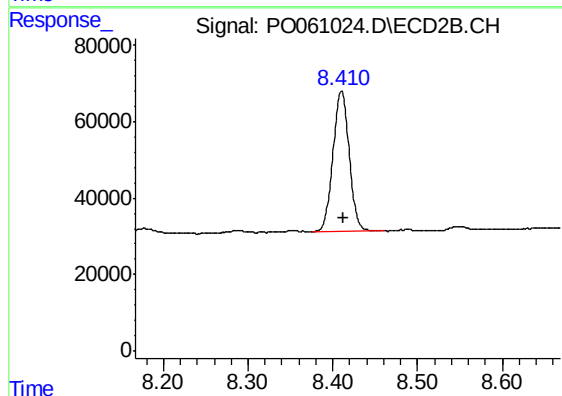
#1 Tetrachloro-m-xylene

R.T.: 3.531 min
Delta R.T.: 0.000 min
Response: 694487
Conc: 24.87 ng/ml



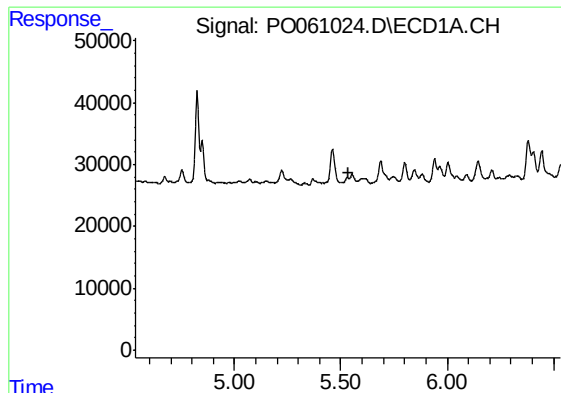
#2 Decachlorobiphenyl

R.T.: 10.028 min
Delta R.T.: 0.000 min
Response: 673324
Conc: 14.65 ng/ml



#2 Decachlorobiphenyl

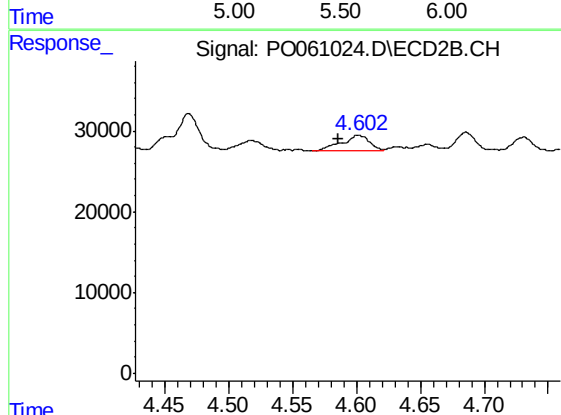
R.T.: 8.410 min
Delta R.T.: -0.003 min
Response: 489307
Conc: 13.96 ng/ml



#3 AR-1016-1

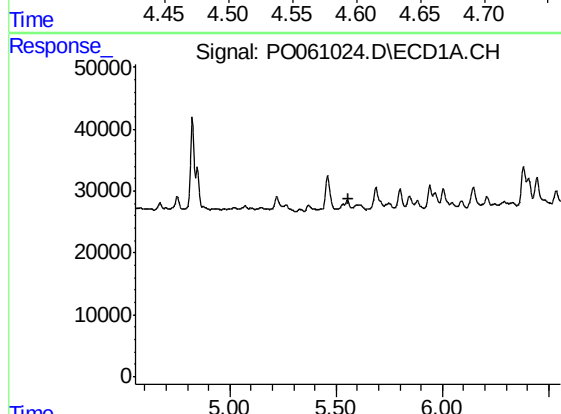
R.T.: 0.000 min
Exp R.T.: 5.533 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
CSA-4-4



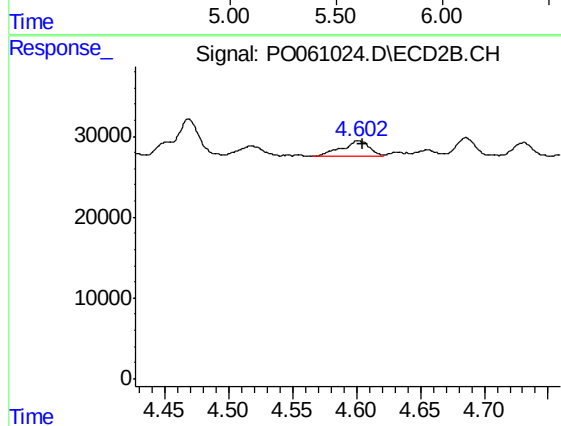
#3 AR-1016-1

R.T.: 4.602 min
Delta R.T.: 0.016 min
Response: 28816
Conc: 23.31 ng/ml



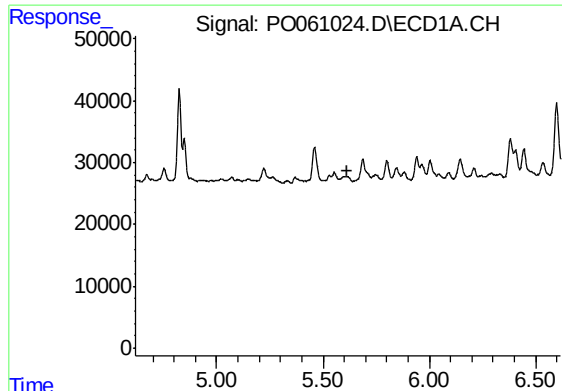
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.556 min
Response: 0
Conc: N.D.



#4 AR-1016-2

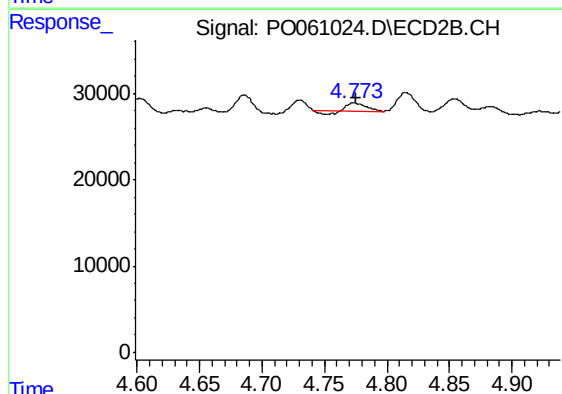
R.T.: 4.602 min
Delta R.T.: -0.003 min
Response: 28816
Conc: 16.94 ng/ml



#5 AR-1016-3

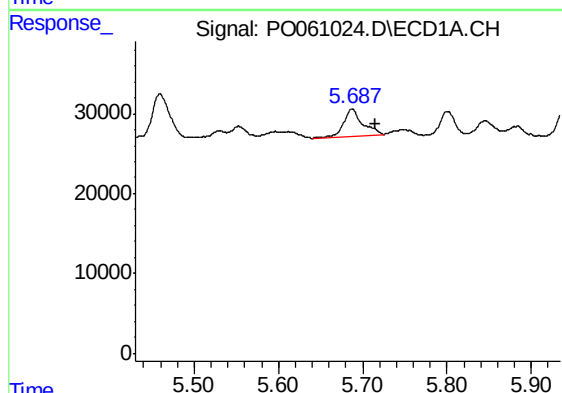
R.T.: 0.000 min
Exp R.T.: 5.617 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
CSA-4-4



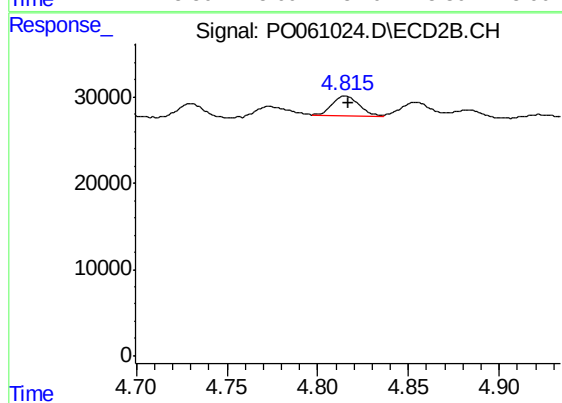
#5 AR-1016-3

R.T.: 4.773 min
Delta R.T.: -0.002 min
Response: 7698
Conc: 7.94 ng/ml



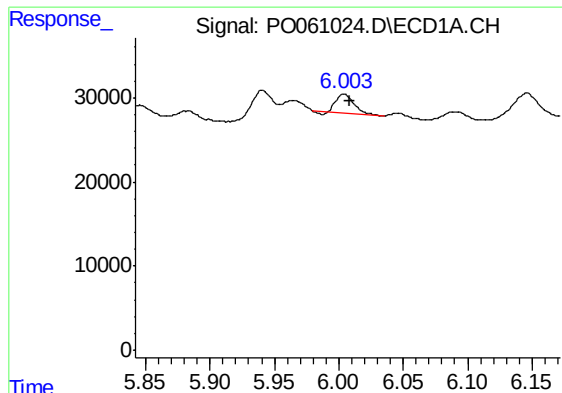
#6 AR-1016-4

R.T.: 5.688 min
Delta R.T.: -0.028 min
Response: 53270
Conc: 45.16 ng/ml



#6 AR-1016-4

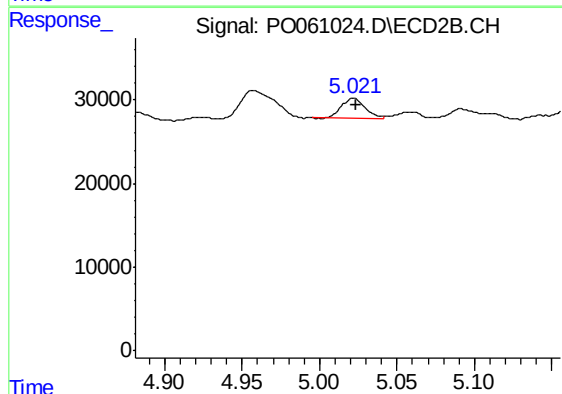
R.T.: 4.815 min
Delta R.T.: -0.002 min
Response: 24473
Conc: 29.90 ng/ml



#7 AR-1016-5

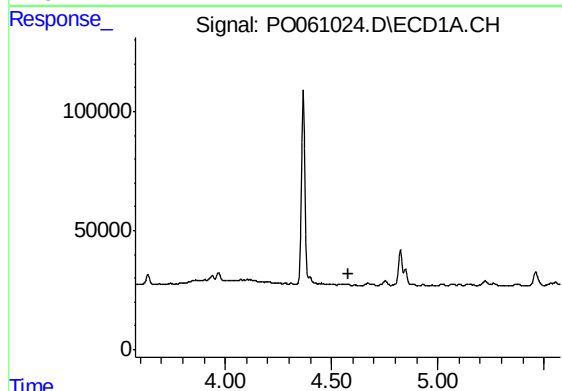
R.T.: 6.004 min
Delta R.T.: -0.005 min
Response: 22094
Conc: 17.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-4



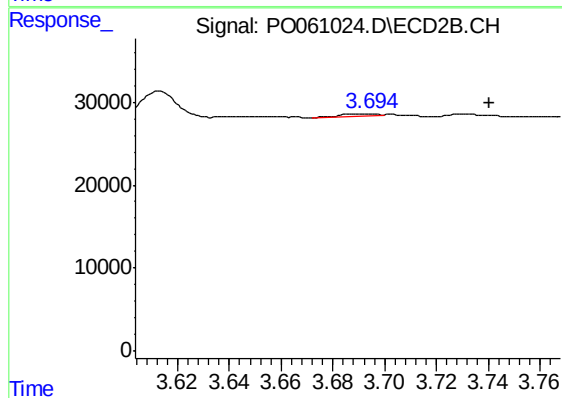
#7 AR-1016-5

R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 24758
Conc: 23.64 ng/ml



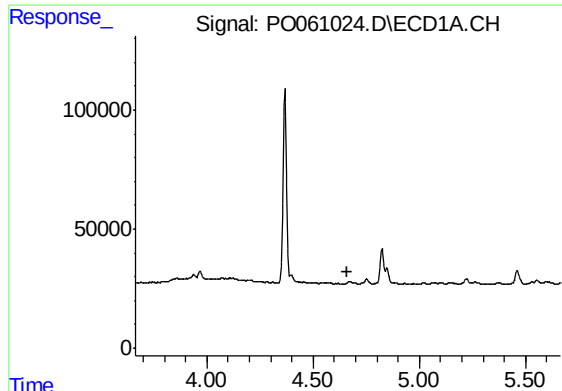
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.578 min
Response: 0
Conc: N.D.



#8 AR-1221-1

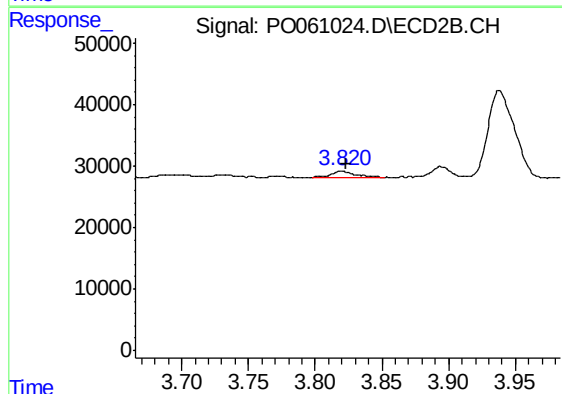
R.T.: 3.694 min
Delta R.T.: -0.046 min
Response: 2222
Conc: 6.28 ng/ml



#9 AR-1221-2

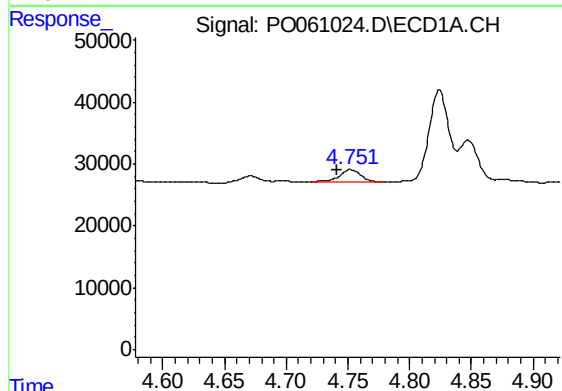
R.T.: 0.000 min
Exp R.T.: 4.664 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
CSA-4-4



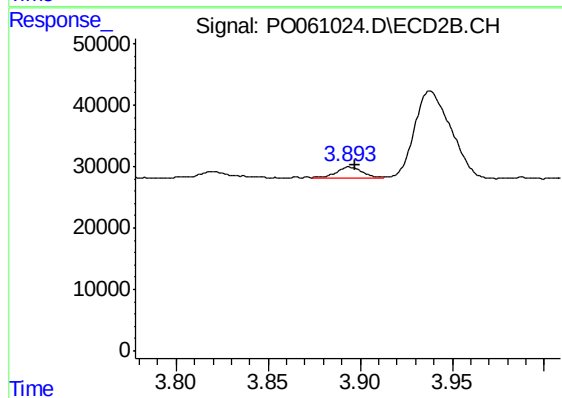
#9 AR-1221-2

R.T.: 3.820 min
Delta R.T.: -0.002 min
Response: 13164
Conc: 46.84 ng/ml



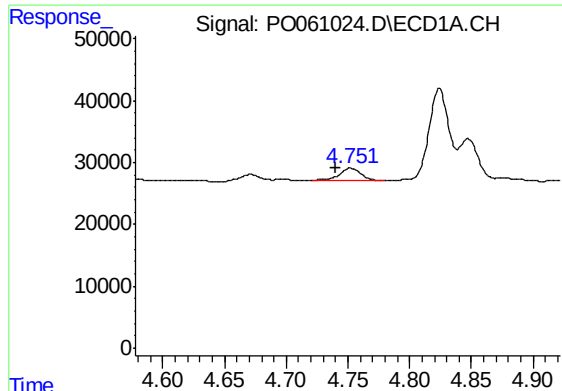
#10 AR-1221-3

R.T.: 4.752 min
Delta R.T.: 0.011 min
Response: 25893
Conc: 24.45 ng/ml



#10 AR-1221-3

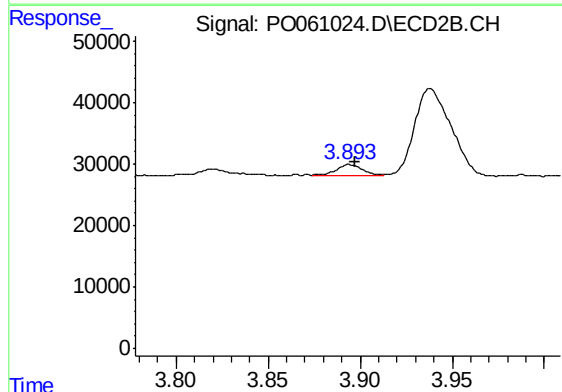
R.T.: 3.894 min
Delta R.T.: -0.003 min
Response: 18183
Conc: 21.91 ng/ml



#11 AR-1232-1

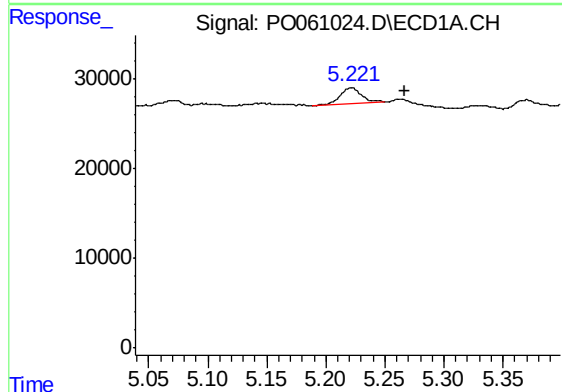
R.T.: 4.752 min
Delta R.T.: 0.011 min
Response: 25893
Conc: 22.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-4



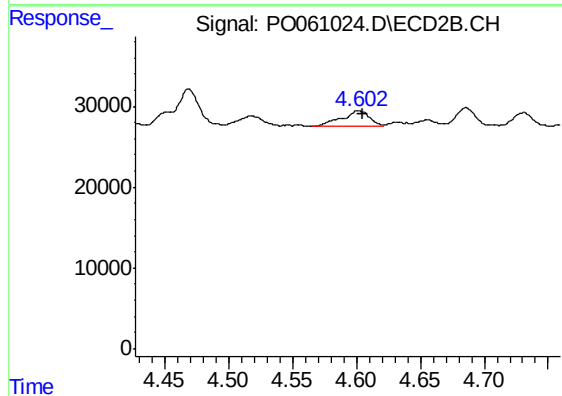
#11 AR-1232-1

R.T.: 3.894 min
Delta R.T.: -0.003 min
Response: 18183
Conc: 19.95 ng/ml



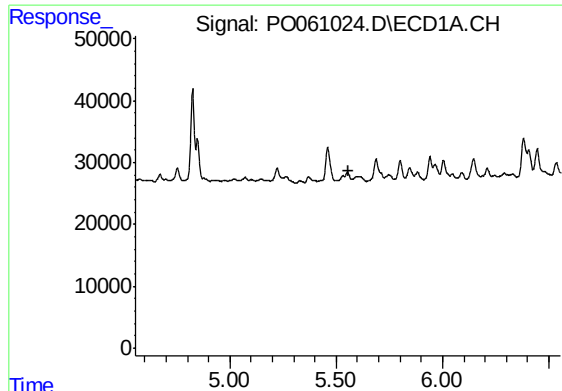
#12 AR-1232-2

R.T.: 5.222 min
Delta R.T.: -0.045 min
Response: 21616
Conc: 33.34 ng/ml



#12 AR-1232-2

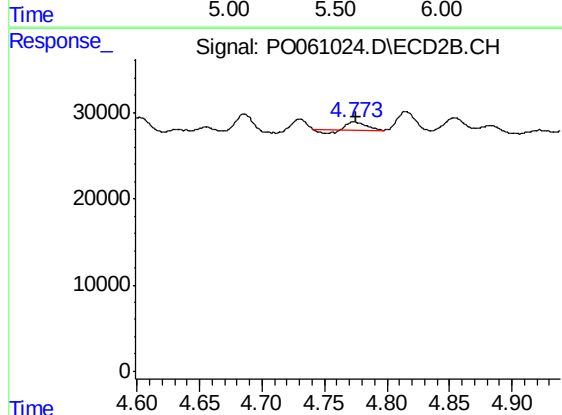
R.T.: 4.602 min
Delta R.T.: -0.003 min
Response: 28816
Conc: 28.54 ng/ml



#13 AR-1232-3

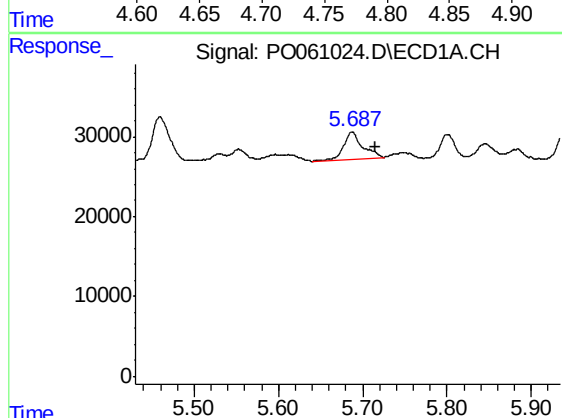
R.T.: 0.000 min
Exp R.T.: 5.555 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
CSA-4-4



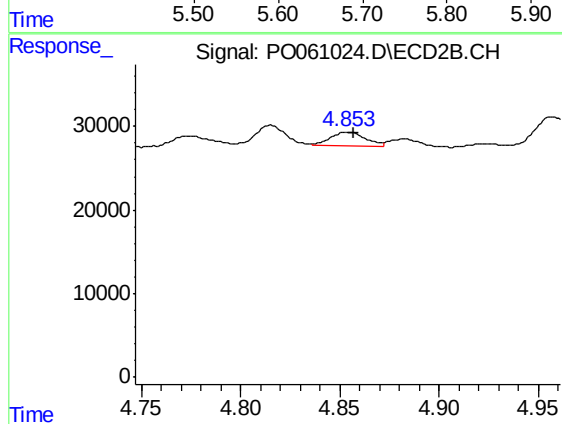
#13 AR-1232-3

R.T.: 4.773 min
Delta R.T.: -0.002 min
Response: 7698
Conc: 13.72 ng/ml



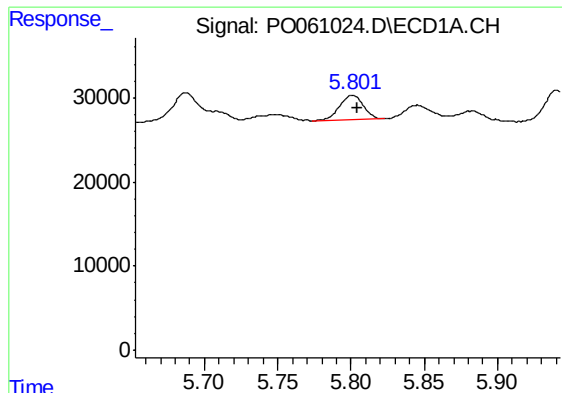
#14 AR-1232-4

R.T.: 5.688 min
Delta R.T.: -0.027 min
Response: 53270
Conc: 77.52 ng/ml



#14 AR-1232-4

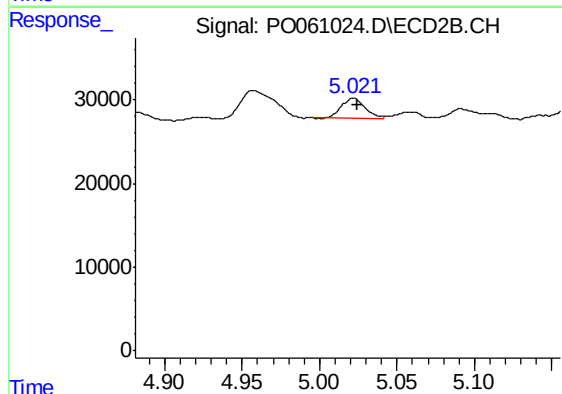
R.T.: 4.854 min
Delta R.T.: -0.004 min
Response: 20694
Conc: 39.63 ng/ml



#15 AR-1232-5

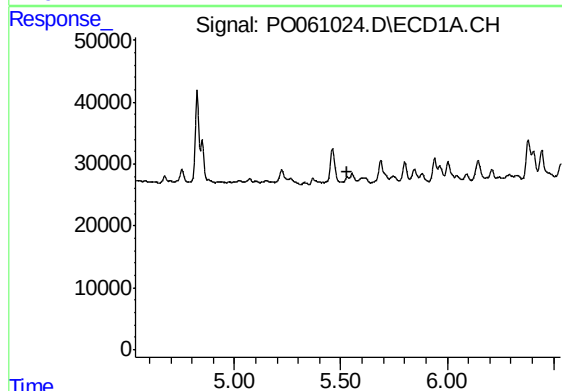
R.T.: 5.801 min
Delta R.T.: -0.004 min
Response: 32642
Conc: 59.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-4



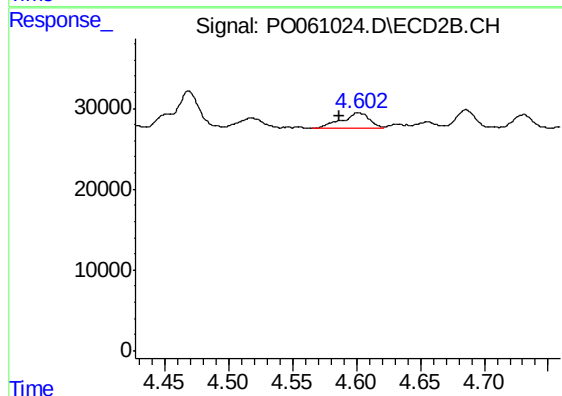
#15 AR-1232-5

R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 24758
Conc: 43.75 ng/ml



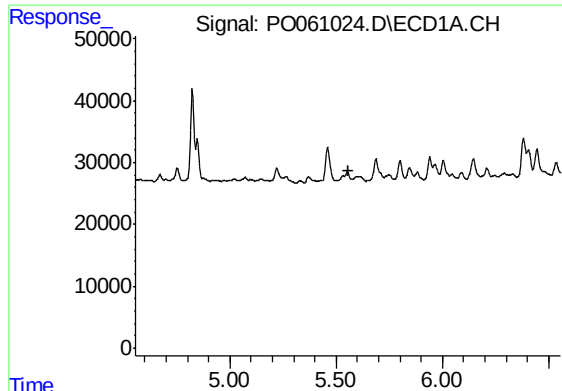
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.533 min
Response: 0
Conc: N.D.



#16 AR-1242-1

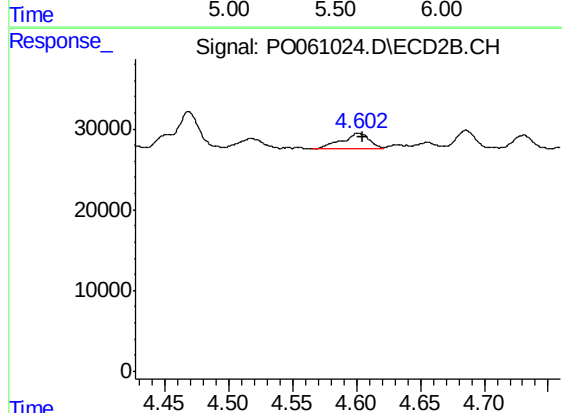
R.T.: 4.602 min
Delta R.T.: 0.015 min
Response: 28816
Conc: 31.65 ng/ml



#17 AR-1242-2

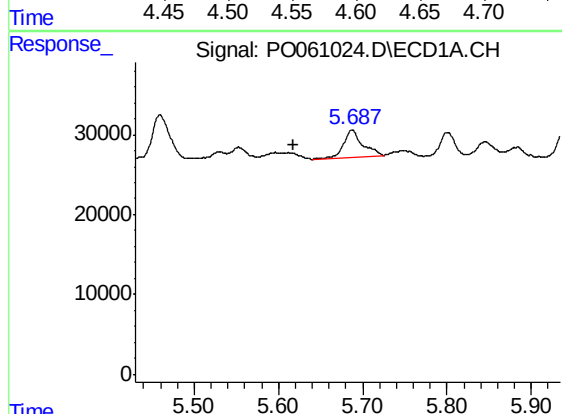
R.T.: 0.000 min
Exp R.T.: 5.556 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
CSA-4-4



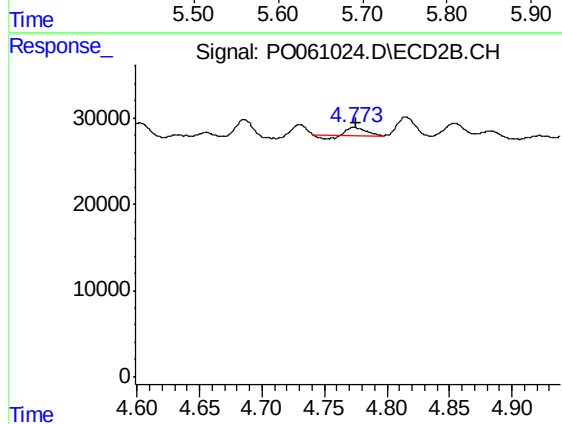
#17 AR-1242-2

R.T.: 4.602 min
Delta R.T.: -0.003 min
Response: 28816
Conc: 23.02 ng/ml



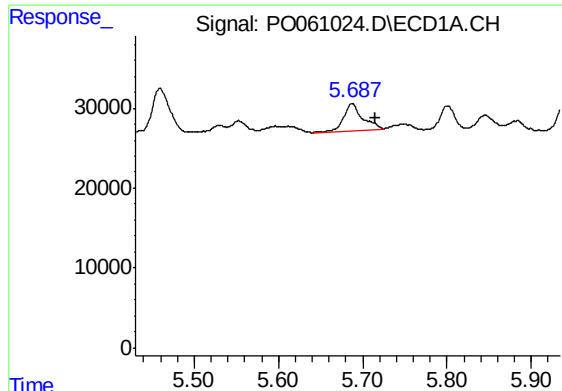
#18 AR-1242-3

R.T.: 5.688 min
Delta R.T.: 0.070 min
Response: 53270
Conc: 49.19 ng/ml



#18 AR-1242-3

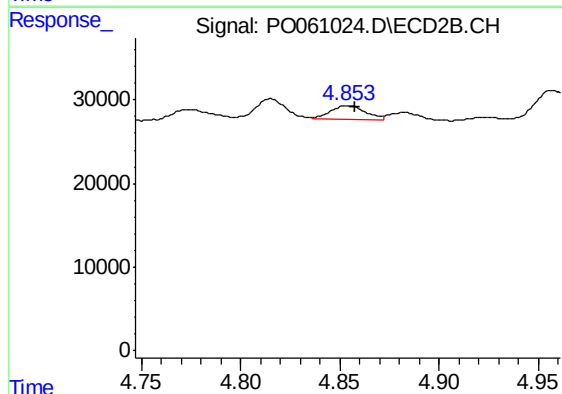
R.T.: 4.773 min
Delta R.T.: -0.003 min
Response: 7698
Conc: 10.77 ng/ml



#19 AR-1242-4

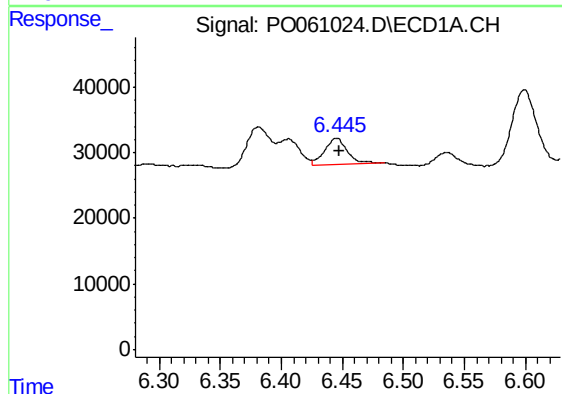
R.T.: 5.688 min
Delta R.T.: -0.028 min
Response: 53270
Conc: 60.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-4



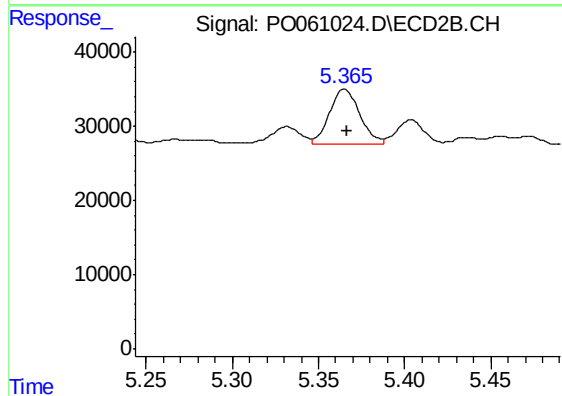
#19 AR-1242-4

R.T.: 4.854 min
Delta R.T.: -0.004 min
Response: 20694
Conc: 28.42 ng/ml



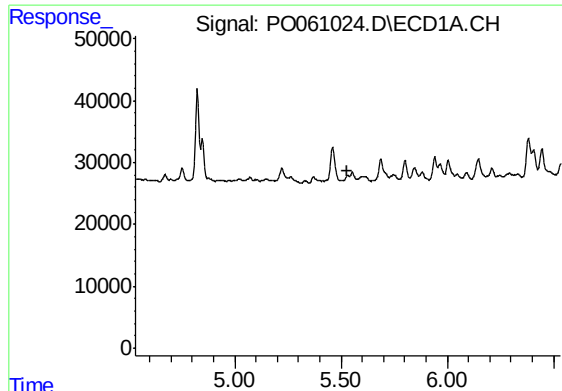
#20 AR-1242-5

R.T.: 6.446 min
Delta R.T.: -0.003 min
Response: 52255
Conc: 46.63 ng/ml



#20 AR-1242-5

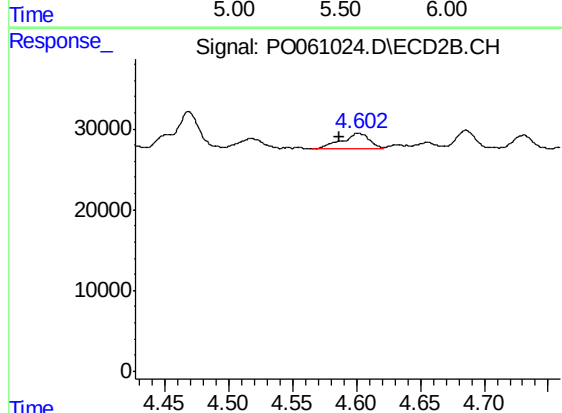
R.T.: 5.365 min
Delta R.T.: -0.002 min
Response: 90452
Conc: 91.37 ng/ml



#21 AR-1248-1

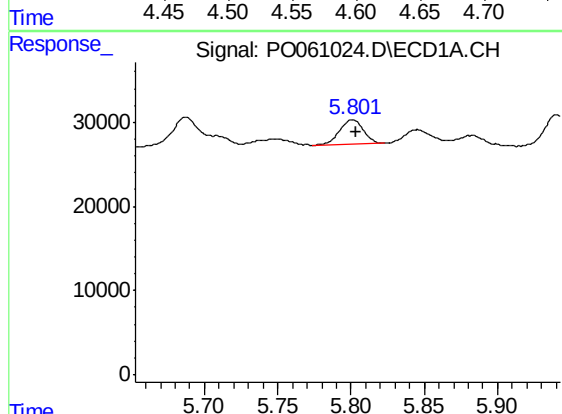
R.T.: 0.000 min
Exp R.T.: 5.532 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
CSA-4-4



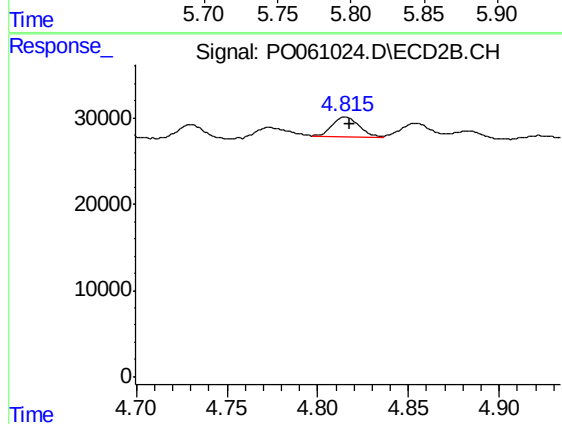
#21 AR-1248-1

R.T.: 4.602 min
Delta R.T.: 0.016 min
Response: 28816
Conc: 40.63 ng/ml



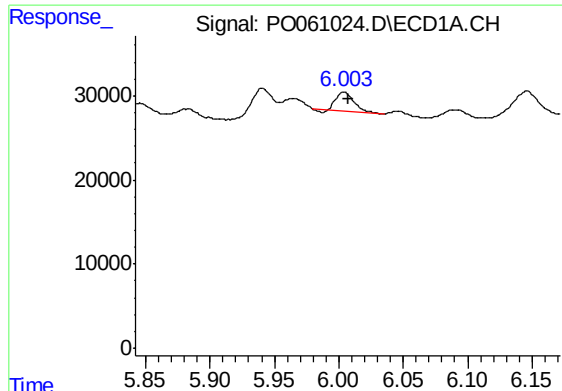
#22 AR-1248-2

R.T.: 5.801 min
Delta R.T.: -0.003 min
Response: 32642
Conc: 24.41 ng/ml



#22 AR-1248-2

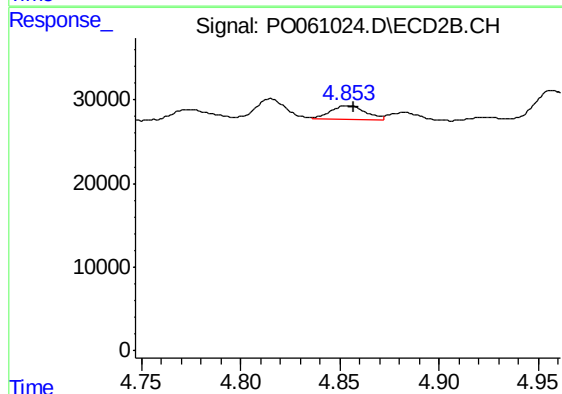
R.T.: 4.815 min
Delta R.T.: -0.002 min
Response: 24473
Conc: 25.33 ng/ml



#23 AR-1248-3

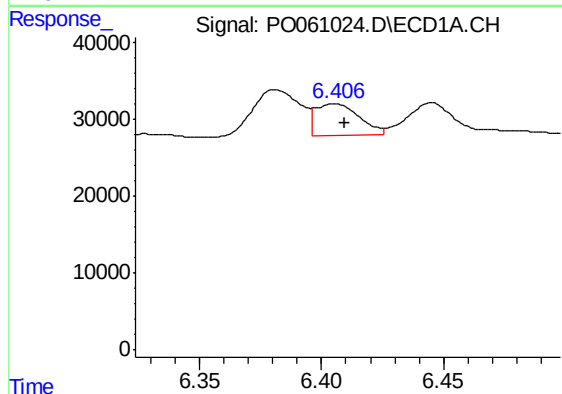
R.T.: 6.004 min
Delta R.T.: -0.003 min
Response: 22094
Conc: 14.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-4



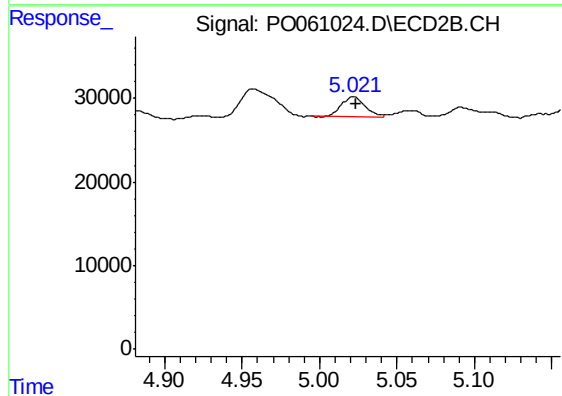
#23 AR-1248-3

R.T.: 4.854 min
Delta R.T.: -0.003 min
Response: 20694
Conc: 20.55 ng/ml



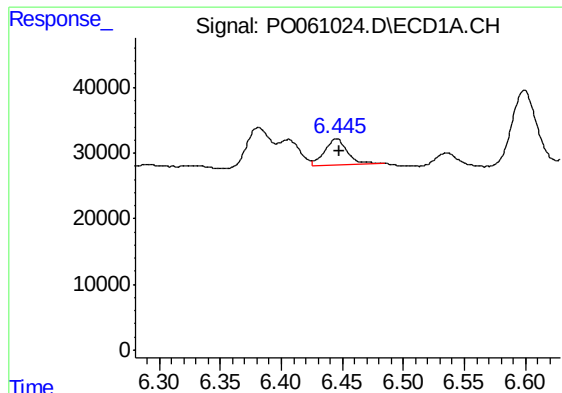
#24 AR-1248-4

R.T.: 6.406 min
Delta R.T.: -0.003 min
Response: 50028
Conc: 27.46 ng/ml



#24 AR-1248-4

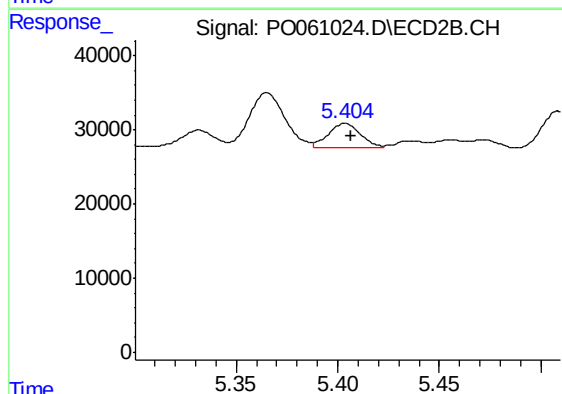
R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 24758
Conc: 20.62 ng/ml



#25 AR-1248-5

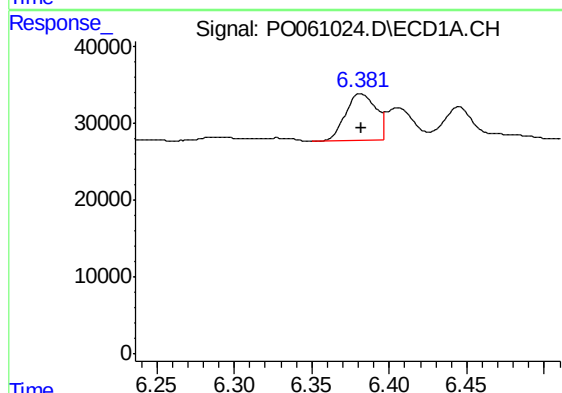
R.T.: 6.446 min
Delta R.T.: -0.002 min
Response: 52255
Conc: 29.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-4



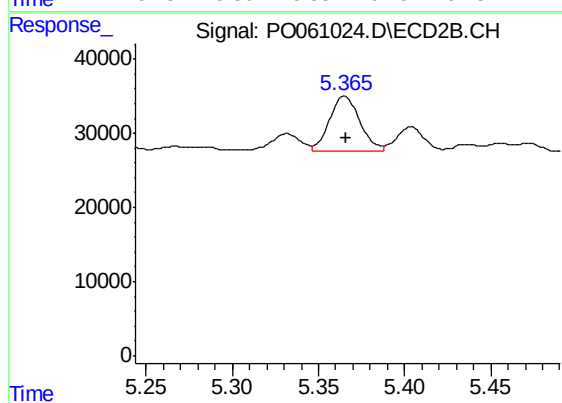
#25 AR-1248-5

R.T.: 5.404 min
Delta R.T.: -0.003 min
Response: 36085
Conc: 28.54 ng/ml



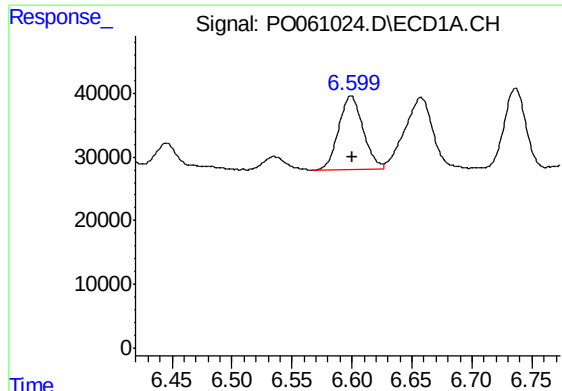
#26 AR-1254-1

R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 82042
Conc: 42.58 ng/ml



#26 AR-1254-1

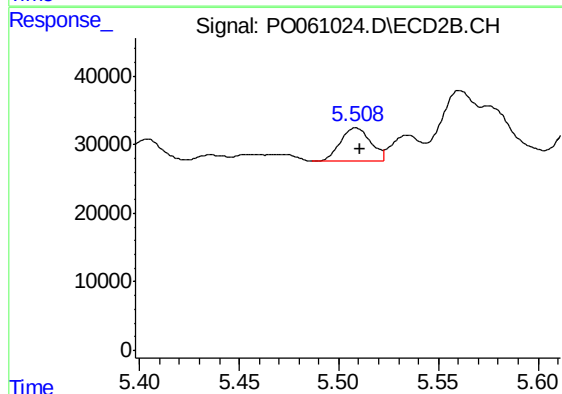
R.T.: 5.365 min
Delta R.T.: -0.001 min
Response: 90452
Conc: 43.89 ng/ml



#27 AR-1254-2

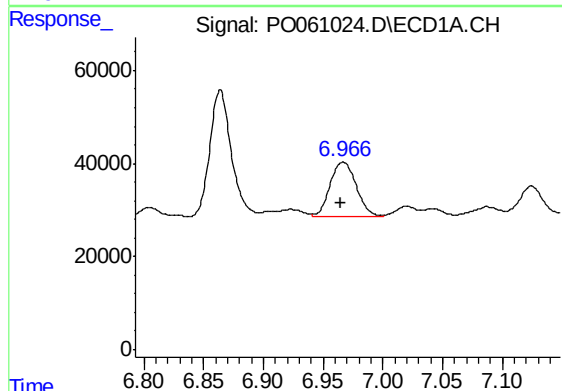
R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 164584
Conc: 52.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-4



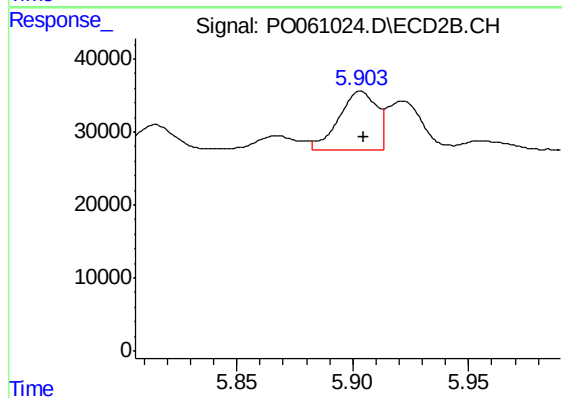
#27 AR-1254-2

R.T.: 5.508 min
Delta R.T.: -0.002 min
Response: 52482
Conc: 27.81 ng/ml



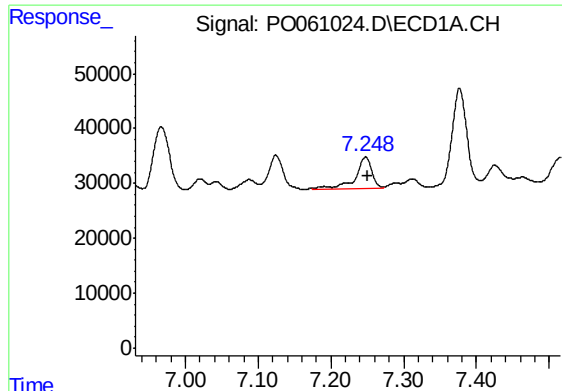
#28 AR-1254-3

R.T.: 6.967 min
Delta R.T.: 0.002 min
Response: 178343
Conc: 50.64 ng/ml



#28 AR-1254-3

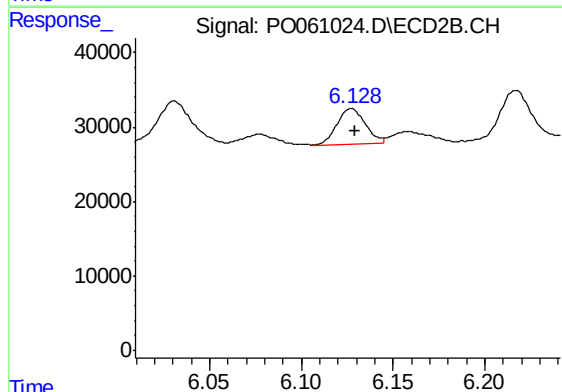
R.T.: 5.903 min
Delta R.T.: -0.002 min
Response: 91219
Conc: 28.69 ng/ml



#29 AR-1254-4

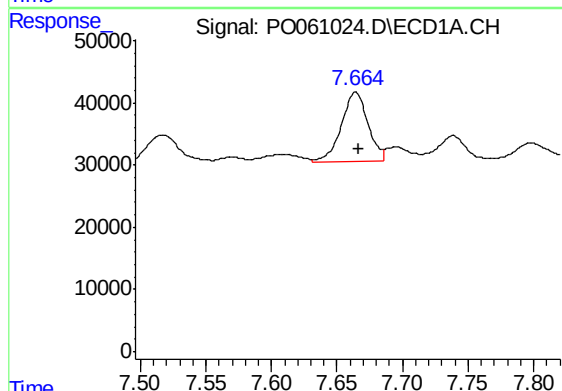
R.T.: 7.248 min
Delta R.T.: -0.002 min
Response: 89682
Conc: 33.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-4



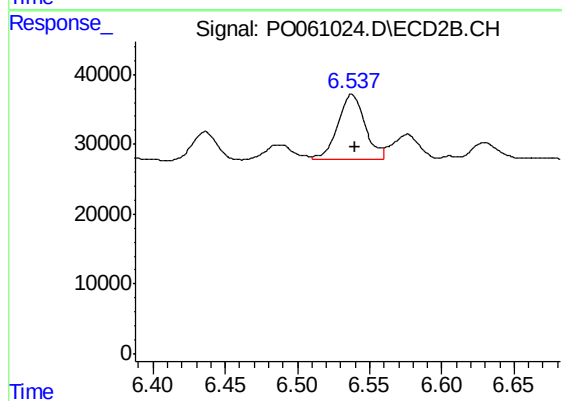
#29 AR-1254-4

R.T.: 6.127 min
Delta R.T.: -0.002 min
Response: 50744
Conc: 24.37 ng/ml



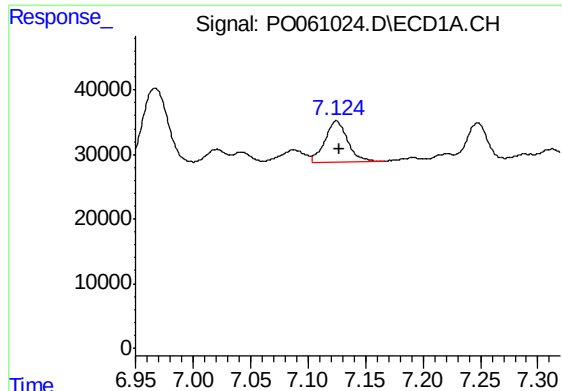
#30 AR-1254-5

R.T.: 7.664 min
Delta R.T.: -0.002 min
Response: 159516
Conc: 54.10 ng/ml



#30 AR-1254-5

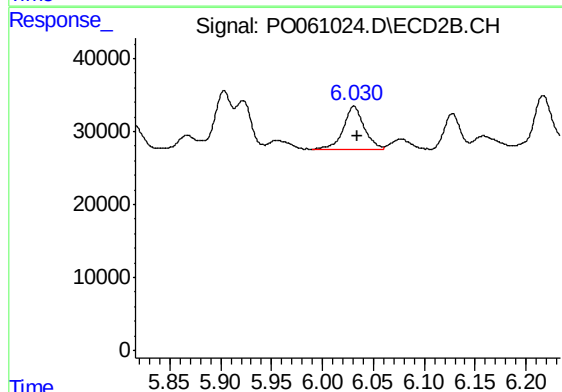
R.T.: 6.538 min
Delta R.T.: -0.003 min
Response: 123836
Conc: 39.13 ng/ml



#31 AR-1260-1

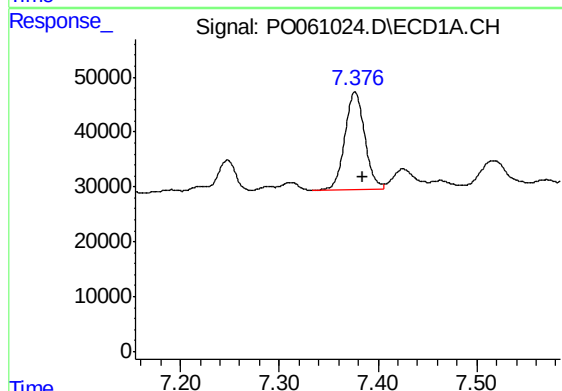
R.T.: 7.124 min
Delta R.T.: -0.003 min
Response: 85778
Conc: 35.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-4



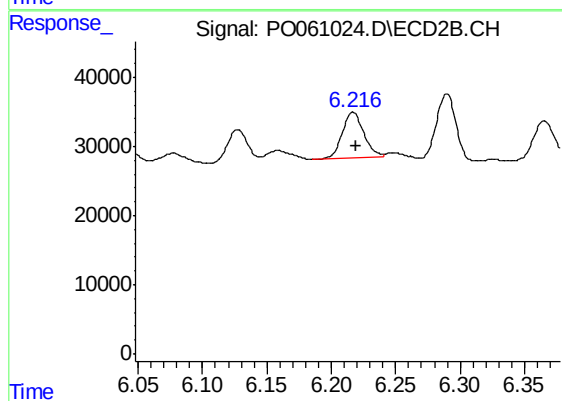
#31 AR-1260-1

R.T.: 6.031 min
Delta R.T.: -0.004 min
Response: 83412
Conc: 39.66 ng/ml



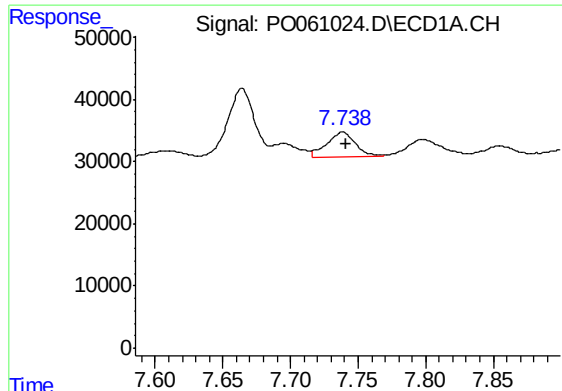
#32 AR-1260-2

R.T.: 7.377 min
Delta R.T.: -0.008 min
Response: 249296
Conc: 82.46 ng/ml



#32 AR-1260-2

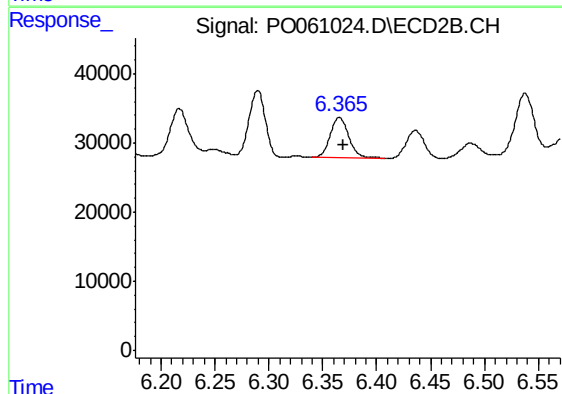
R.T.: 6.217 min
Delta R.T.: -0.003 min
Response: 78666
Conc: 30.50 ng/ml



#33 AR-1260-3

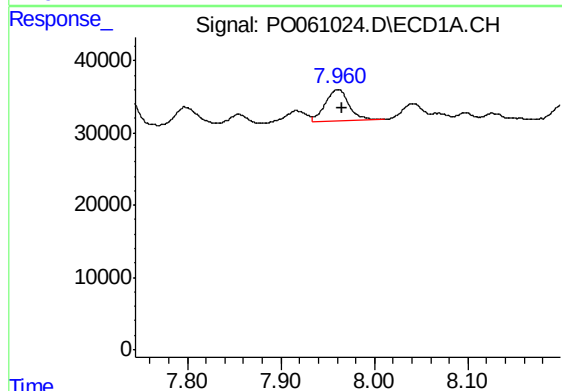
R.T.: 7.739 min
Delta R.T.: -0.003 min
Response: 57743
Conc: 24.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-4



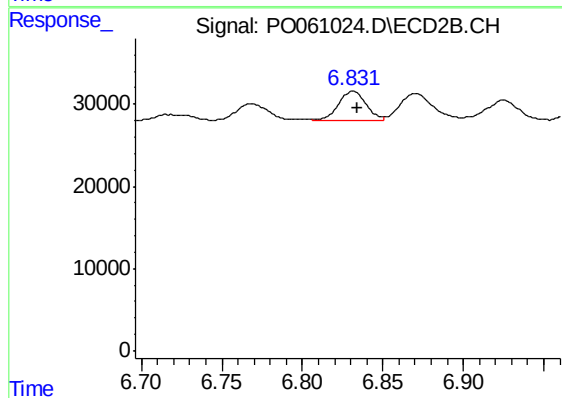
#33 AR-1260-3

R.T.: 6.365 min
Delta R.T.: -0.004 min
Response: 72236
Conc: 30.00 ng/ml



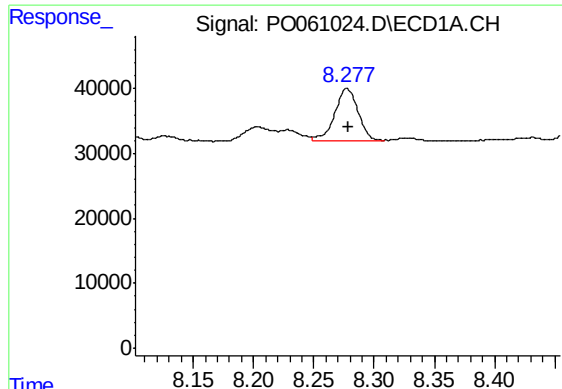
#34 AR-1260-4

R.T.: 7.961 min
Delta R.T.: -0.004 min
Response: 76797
Conc: 27.45 ng/ml



#34 AR-1260-4

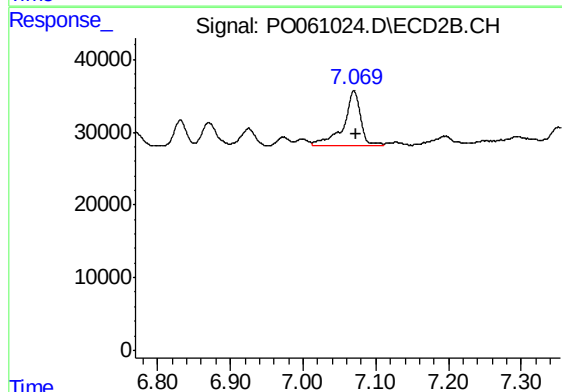
R.T.: 6.831 min
Delta R.T.: -0.003 min
Response: 43842
Conc: 20.48 ng/ml



#35 AR-1260-5

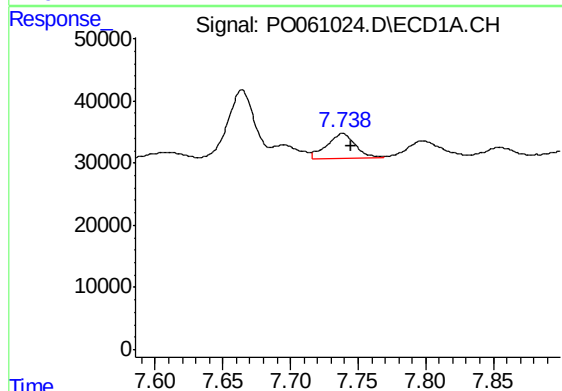
R.T.: 8.278 min
Delta R.T.: -0.002 min
Response: 108242
Conc: 19.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-4



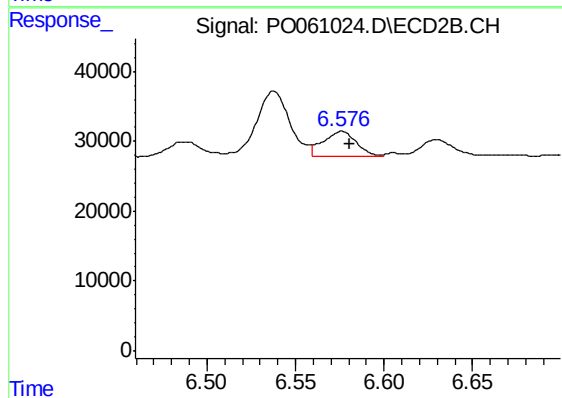
#35 AR-1260-5

R.T.: 7.070 min
Delta R.T.: -0.003 min
Response: 125815
Conc: 26.04 ng/ml



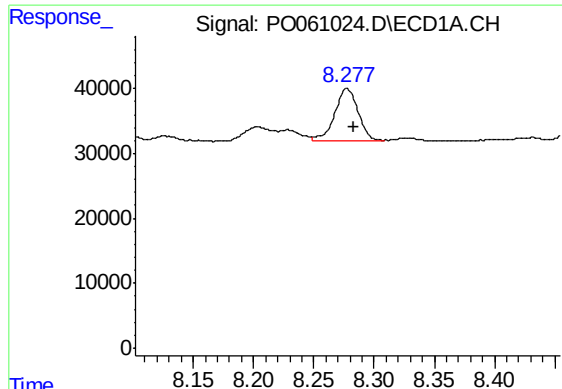
#36 AR-1262-1

R.T.: 7.739 min
Delta R.T.: -0.007 min
Response: 57743
Conc: 16.35 ng/ml



#36 AR-1262-1

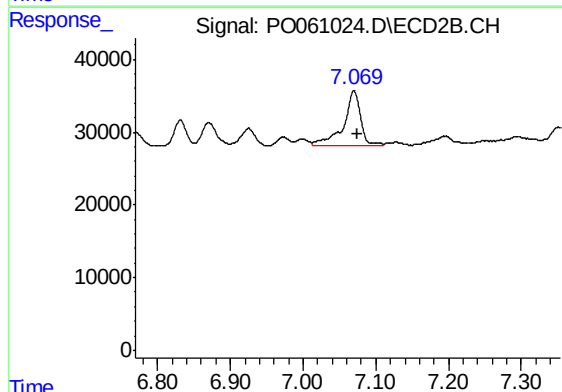
R.T.: 6.576 min
Delta R.T.: -0.005 min
Response: 47351
Conc: 15.85 ng/ml



#37 AR-1262-2

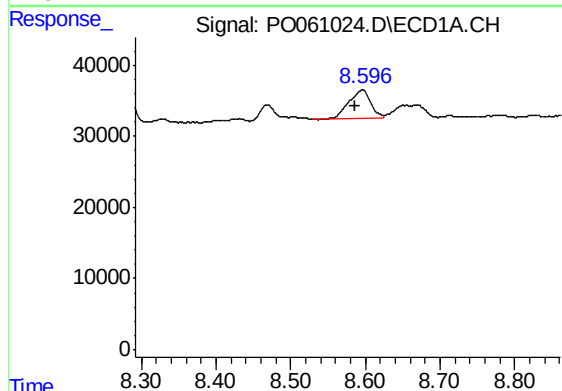
R.T.: 8.278 min
Delta R.T.: -0.006 min
Response: 108242
Conc: 17.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-4



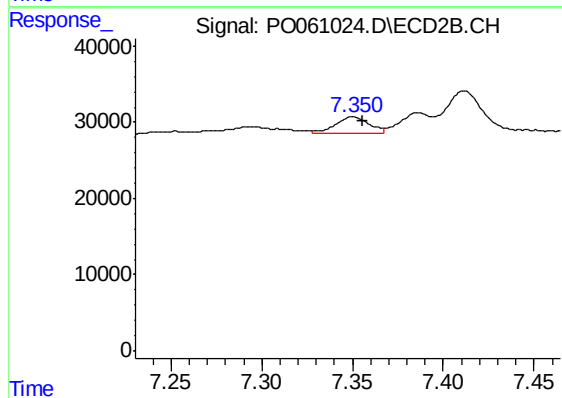
#37 AR-1262-2

R.T.: 7.070 min
Delta R.T.: -0.005 min
Response: 125815
Conc: 24.20 ng/ml



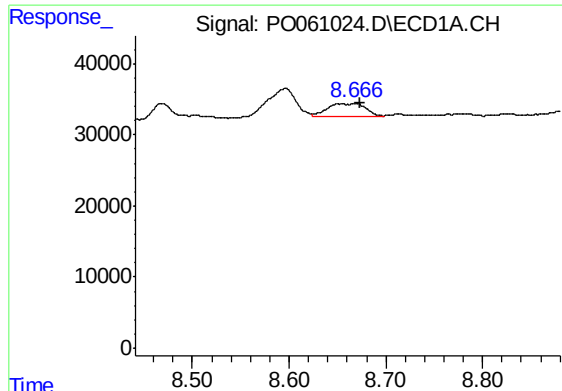
#38 AR-1262-3

R.T.: 8.596 min
Delta R.T.: 0.009 min
Response: 82400
Conc: 19.34 ng/ml



#38 AR-1262-3

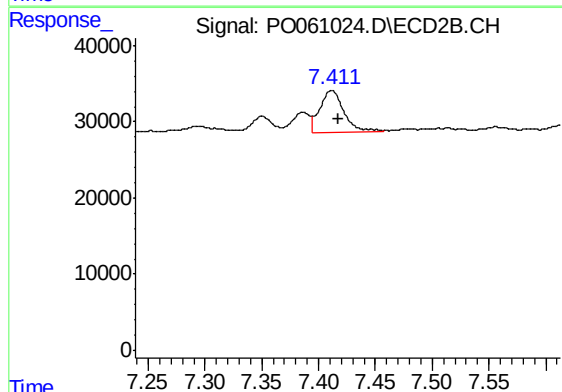
R.T.: 7.350 min
Delta R.T.: -0.005 min
Response: 29103
Conc: 13.71 ng/ml



#39 AR-1262-4

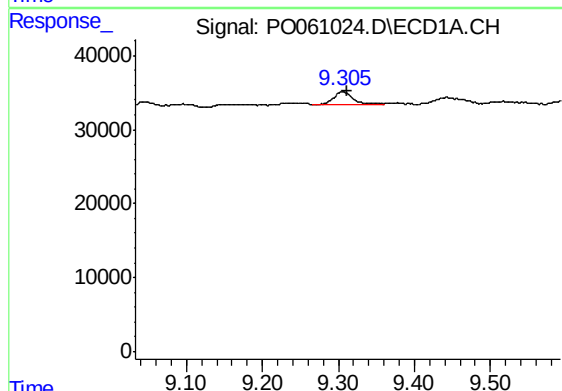
R.T.: 8.668 min
Delta R.T.: -0.005 min
Response: 49836
Conc: 15.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-4



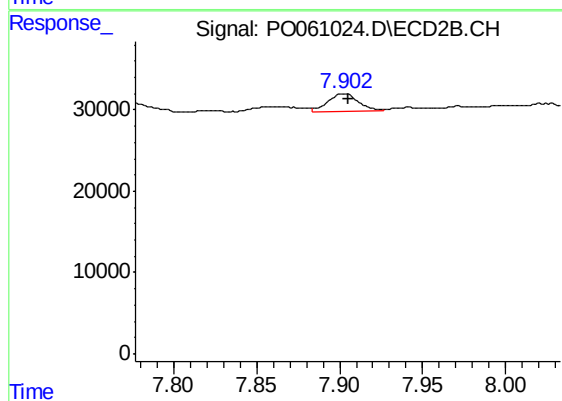
#39 AR-1262-4

R.T.: 7.411 min
Delta R.T.: -0.006 min
Response: 81209
Conc: 21.26 ng/ml



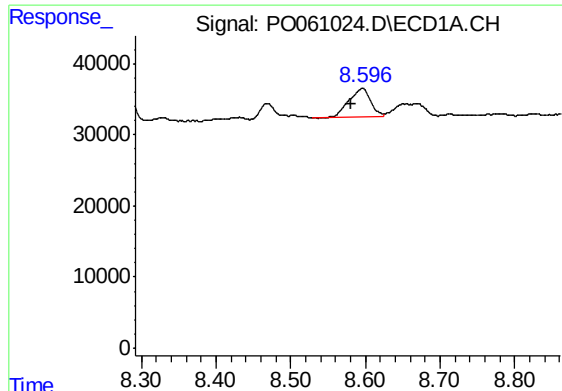
#40 AR-1262-5

R.T.: 9.306 min
Delta R.T.: -0.006 min
Response: 27305
Conc: 13.43 ng/ml



#40 AR-1262-5

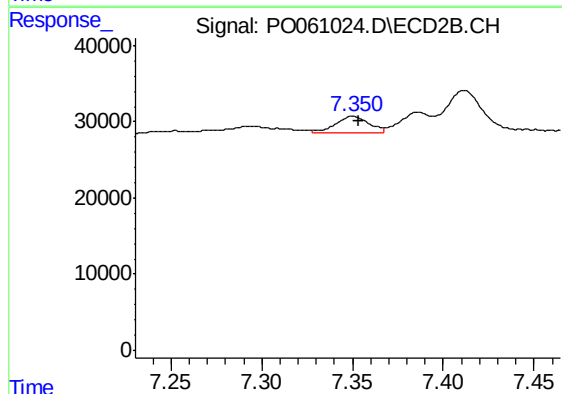
R.T.: 7.902 min
Delta R.T.: -0.003 min
Response: 27447
Conc: 16.40 ng/ml



#41 AR-1268-1

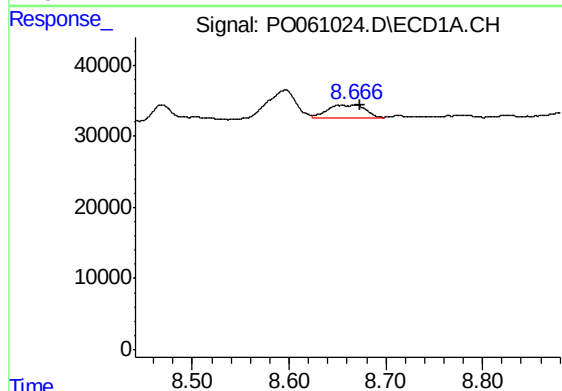
R.T.: 8.596 min
Delta R.T.: 0.016 min
Response: 82400
Conc: 11.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-4



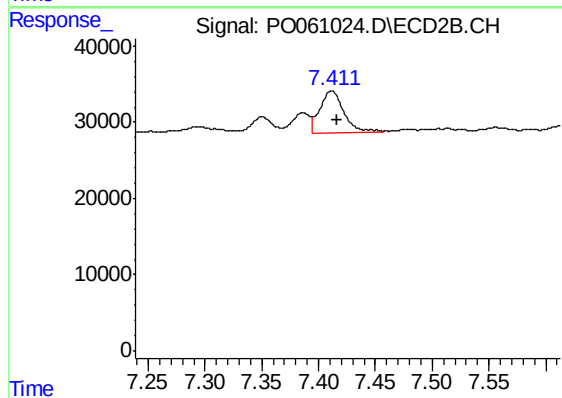
#41 AR-1268-1

R.T.: 7.350 min
Delta R.T.: -0.003 min
Response: 29103
Conc: 4.96 ng/ml



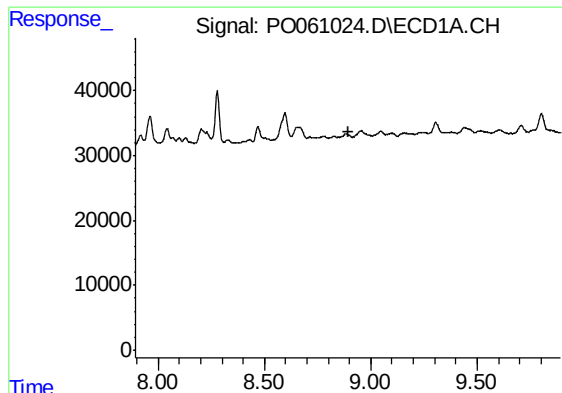
#42 AR-1268-2

R.T.: 8.668 min
Delta R.T.: -0.005 min
Response: 49836
Conc: 7.38 ng/ml



#42 AR-1268-2

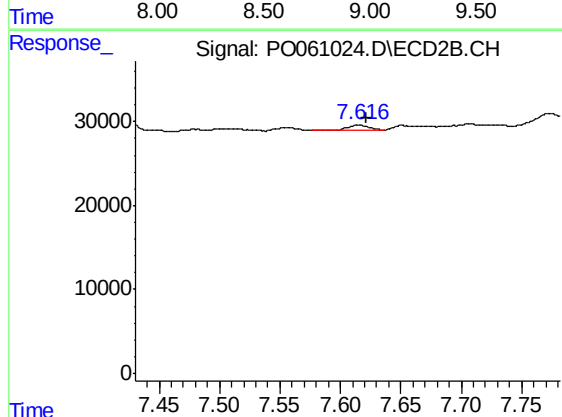
R.T.: 7.411 min
Delta R.T.: -0.005 min
Response: 81209
Conc: 15.24 ng/ml



#43 AR-1268-3

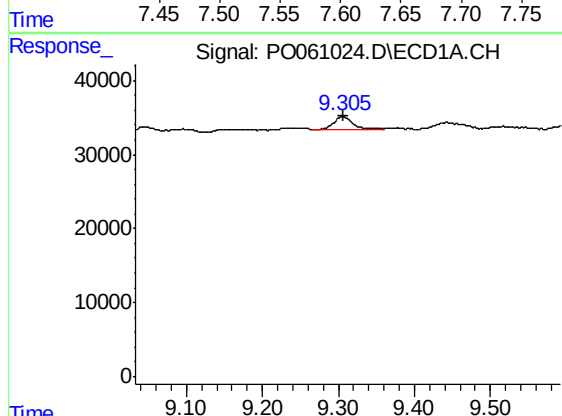
R.T.: 0.000 min
Exp R.T. : 8.893 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
CSA-4-4



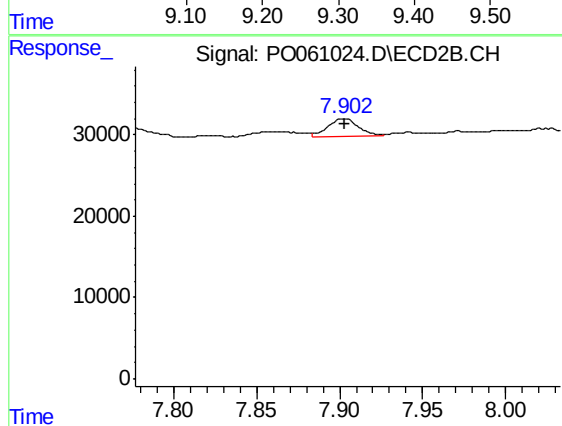
#43 AR-1268-3

R.T.: 7.616 min
Delta R.T.: -0.006 min
Response: 8040
Conc: 1.81 ng/ml



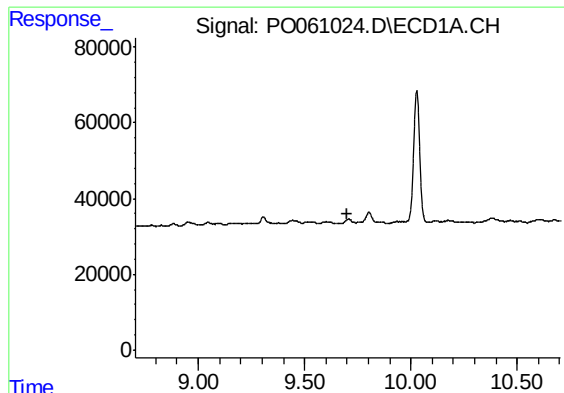
#44 AR-1268-4

R.T.: 9.306 min
Delta R.T.: 0.000 min
Response: 27305
Conc: 11.84 ng/ml



#44 AR-1268-4

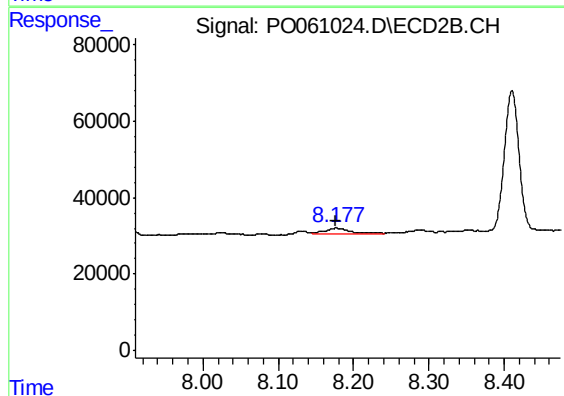
R.T.: 7.902 min
Delta R.T.: 0.000 min
Response: 27447
Conc: 14.36 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.704 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
CSA-4-4



#45 AR-1268-5

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 37985
Conc: 3.16 ng/ml