

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092519\
 Data File : P0061360.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 Sep 2019 18:29
 Operator : SM/AJ
 Sample : K4839-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PT-PCBW-WP

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 01:24:28 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...	4.360	3.520	682962	472076	18.563	16.907
2)	SA Decachlor...	10.024	8.395	1014437	535019	22.079	15.264 #
Target Compounds							
3)	L1 AR-1016-1	5.524	4.592	763909	536277	477.997	433.797
4)	L1 AR-1016-2	5.547	4.592	897977	536277	392.240	315.211
5)	L1 AR-1016-3	5.608	4.763	443077	382432	308.639	394.476 #
6)	L1 AR-1016-4	5.706	4.805	519183	758640	440.145	926.840 #
7)	L1 AR-1016-5	6.000	5.011	1294593	783554	1032.738	748.118 #
9)	L2 AR-1221-2	4.660	3.812	18054	15888	52.858	56.534
10)	L2 AR-1221-3	4.732	3.886	57057	45168	53.867	54.415
11)	L3 AR-1232-1	4.732	3.886	57057	45168	48.901	49.562
12)	L3 AR-1232-2	5.257	4.592	326423	536277	503.437	531.144
13)	L3 AR-1232-3	5.547	4.763	897977	382432	670.456	681.454
14)	L3 AR-1232-4	5.706	4.845	519183	807094	755.568	1545.503 #
15)	L3 AR-1232-5	5.796	5.011	1139933	783554	2081.717	1384.538 #
16)	L4 AR-1242-1	5.524	4.592	763909	536277	640.103	589.069
17)	L4 AR-1242-2	5.547	4.592	897977	536277	525.410	428.385
18)	L4 AR-1242-3	5.608	4.763	443077	382432	409.165	535.203 #
19)	L4 AR-1242-4	5.706	4.845	519183	807094	588.108	1108.281 #
20)	L4 AR-1242-5	6.440	5.354	1621827	1432378	1447.176	1446.988
21)	L5 AR-1248-1	5.524	4.592	763909	536277	829.795	756.091
22)	L5 AR-1248-2	5.796	4.805	1139933	758640	852.444	785.182
23)	L5 AR-1248-3	6.000	4.845	1294593	807094	855.396	801.382
24)	L5 AR-1248-4	6.402	5.011	1656333	783554	909.137	652.459 #
25)	L5 AR-1248-5	6.440	5.393	1621827	1047132	926.977	828.325
26)	L6 AR-1254-1	6.374	5.354	1257943	1432378	652.919	695.013
27)	L6 AR-1254-2	6.597	5.498	1741302	460915	553.334	244.254 #
28)	L6 AR-1254-3	6.959	5.892	959979	734090	272.568	230.881
29)	L6 AR-1254-4	7.245	6.117	734267	561577	271.242	269.733
30)	L6 AR-1254-5	7.662	6.527	178565	191062	60.555	60.369
31)	L7 AR-1260-1	7.122	6.033	121533	409787	49.919	194.822 #
32)	L7 AR-1260-2	7.376	6.205	174917	70120	57.855	27.184 #
33)	L7 AR-1260-3	7.724	6.354	32494	99202	13.616	41.196 #
34)	L7 AR-1260-4	7.950	6.819	96631	13657	34.540	6.381 #
35)	L7 AR-1260-5	8.274	7.088	38392	10859	7.051	2.247 #
36)	L8 AR-1262-1	7.724	6.594	32494	20153	9.199	6.747 #
37)	L8 AR-1262-2	8.274	7.088	38392	10859	6.158	2.088 #
38)	L8 AR-1262-3	8.594	7.338	21121	8140	4.957	3.835
39)	L8 AR-1262-4	8.665	7.400	12589	29975	3.861	7.848 #
40)	L8 AR-1262-5	9.305	7.889	8924	7558	4.389	4.516
41)	L9 AR-1268-1	8.594	7.338	21121	8140	2.862	1.389 #
42)	L9 AR-1268-2	8.665	7.400	12589	29975	1.864	5.624 #

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 Operator : SM/AJ
 Sample : K4839-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

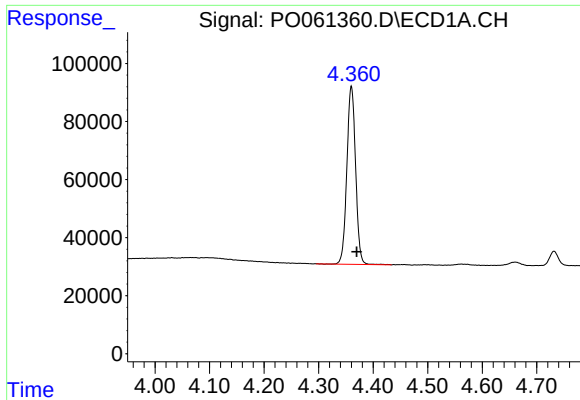
Instrument :
 ECD_O
 ClientSampleId :
 PT-PCBW-WP

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 01:24:28 2019
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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	7.603	0	5237	N.D.	1.181 #
44) L9	AR-1268-4	9.305	7.889	8924	7558	3.869	3.955
45) L9	AR-1268-5	9.698	8.162	14967	14322	0.944	1.190 #

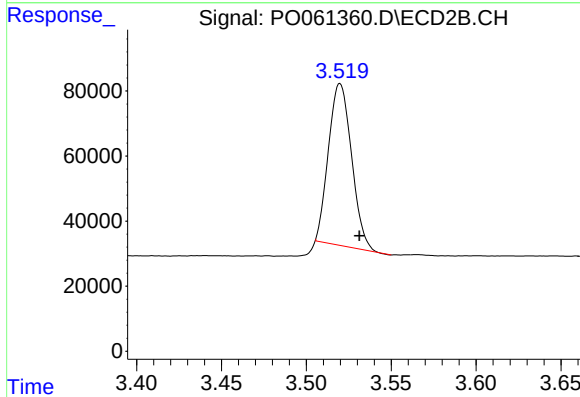
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

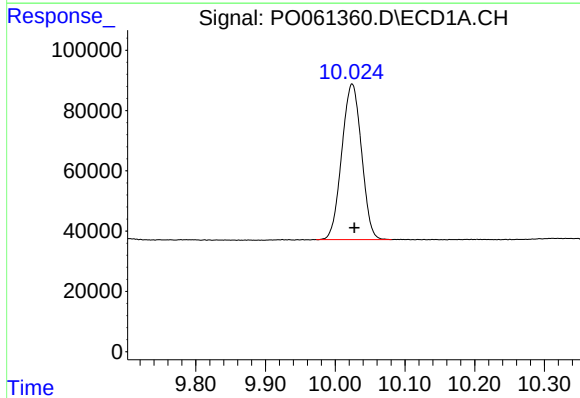
R.T.: 4.360 min
Delta R.T.: -0.010 min
Response: 682962
Conc: 18.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBW-WP



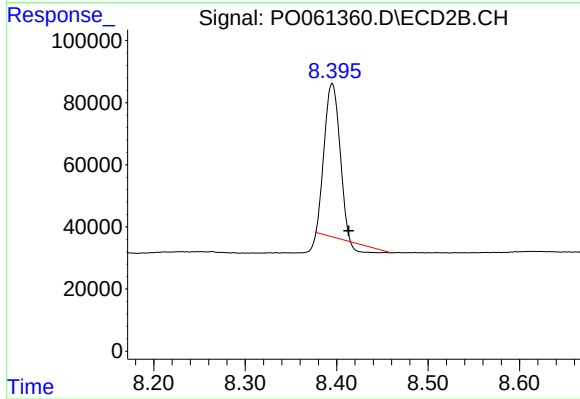
#1 Tetrachloro-m-xylene

R.T.: 3.520 min
Delta R.T.: -0.011 min
Response: 472076
Conc: 16.91 ng/ml



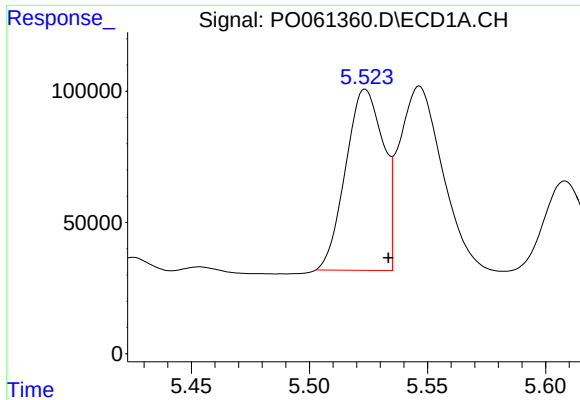
#2 Decachlorobiphenyl

R.T.: 10.024 min
Delta R.T.: -0.003 min
Response: 1014437
Conc: 22.08 ng/ml



#2 Decachlorobiphenyl

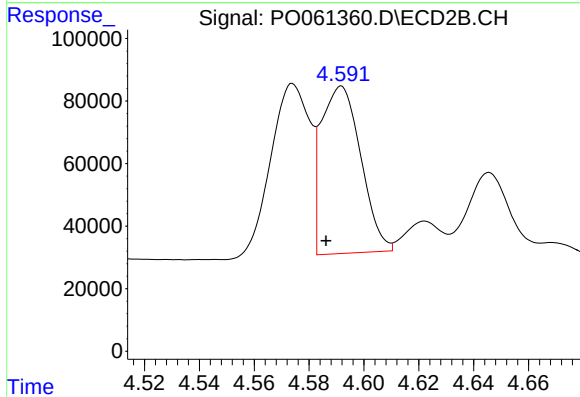
R.T.: 8.395 min
Delta R.T.: -0.018 min
Response: 535019
Conc: 15.26 ng/ml



#3 AR-1016-1

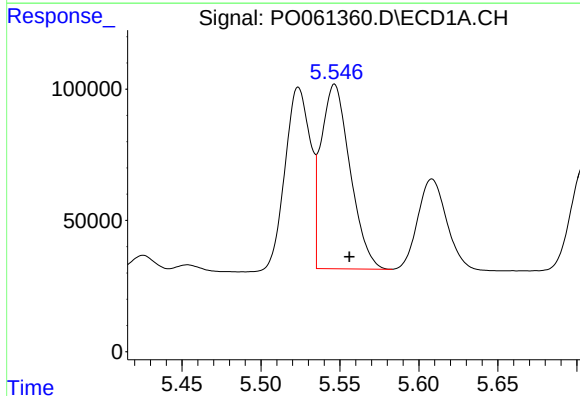
R.T.: 5.524 min
Delta R.T.: -0.010 min
Response: 763909
Conc: 478.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBW-WP



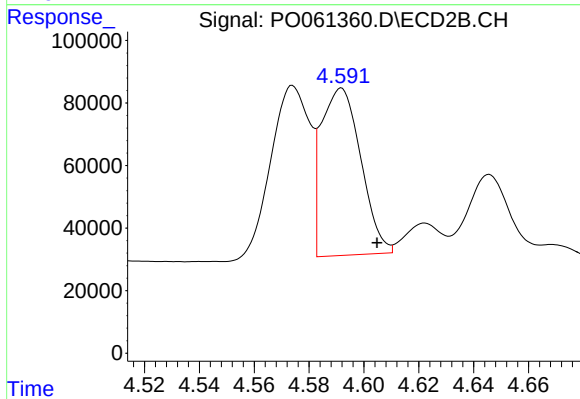
#3 AR-1016-1

R.T.: 4.592 min
Delta R.T.: 0.006 min
Response: 536277
Conc: 433.80 ng/ml



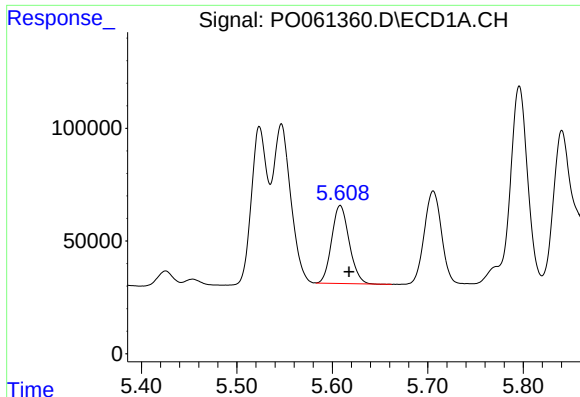
#4 AR-1016-2

R.T.: 5.547 min
Delta R.T.: -0.009 min
Response: 897977
Conc: 392.24 ng/ml



#4 AR-1016-2

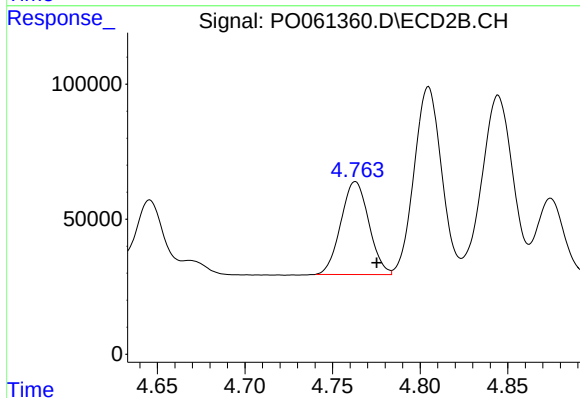
R.T.: 4.592 min
Delta R.T.: -0.013 min
Response: 536277
Conc: 315.21 ng/ml



#5 AR-1016-3

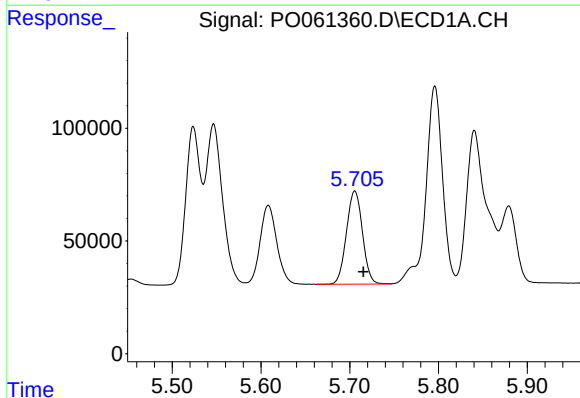
R.T.: 5.608 min
Delta R.T.: -0.009 min
Response: 443077
Conc: 308.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBW-WP



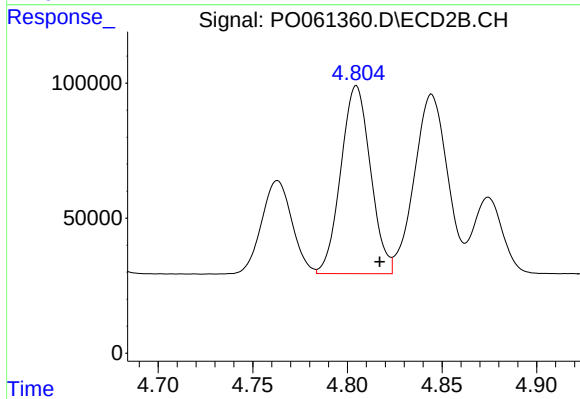
#5 AR-1016-3

R.T.: 4.763 min
Delta R.T.: -0.012 min
Response: 382432
Conc: 394.48 ng/ml



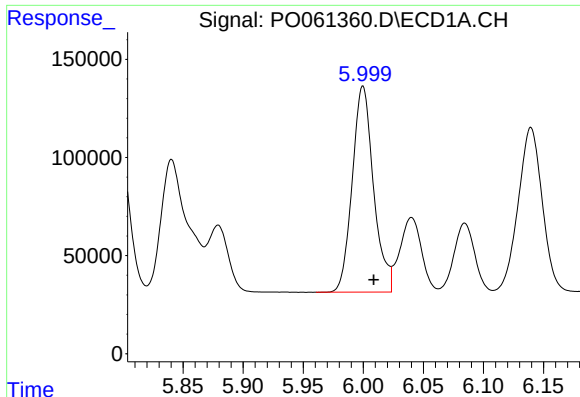
#6 AR-1016-4

R.T.: 5.706 min
Delta R.T.: -0.010 min
Response: 519183
Conc: 440.14 ng/ml



#6 AR-1016-4

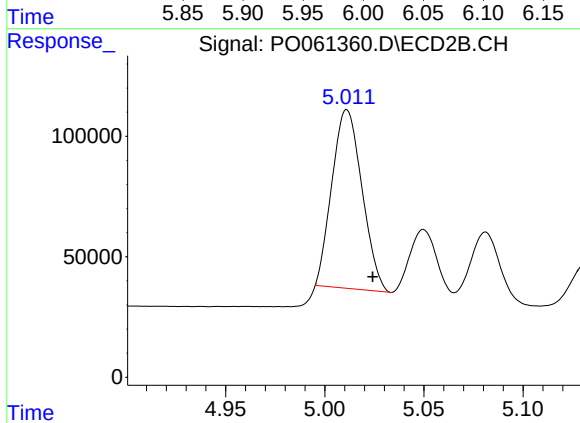
R.T.: 4.805 min
Delta R.T.: -0.012 min
Response: 758640
Conc: 926.84 ng/ml



#7 AR-1016-5

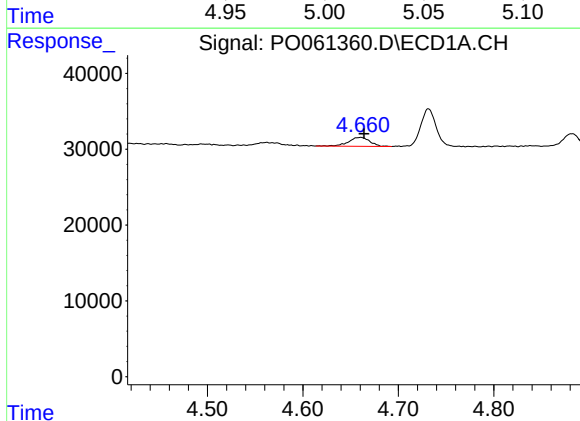
R.T.: 6.000 min
Delta R.T.: -0.009 min
Response: 1294593
Conc: 1032.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBW-WP



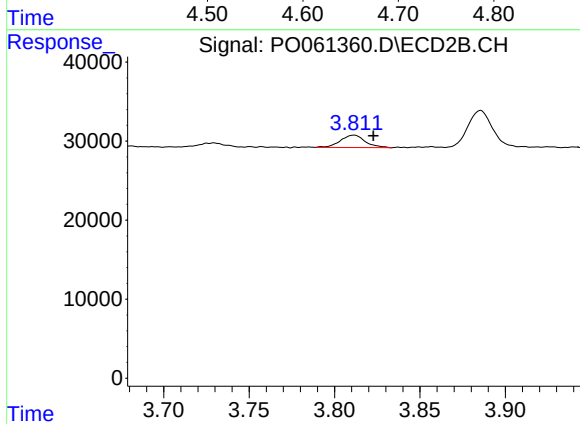
#7 AR-1016-5

R.T.: 5.011 min
Delta R.T.: -0.013 min
Response: 783554
Conc: 748.12 ng/ml



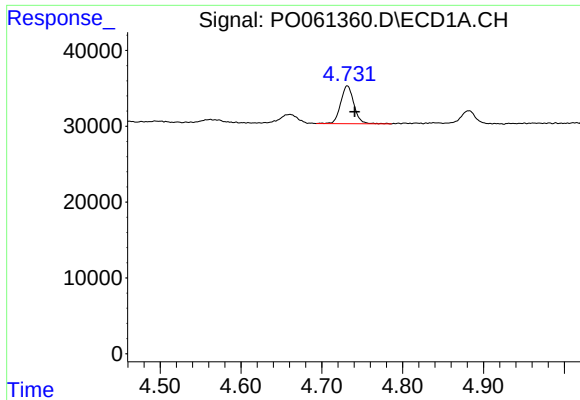
#9 AR-1221-2

R.T.: 4.660 min
Delta R.T.: -0.004 min
Response: 18054
Conc: 52.86 ng/ml



#9 AR-1221-2

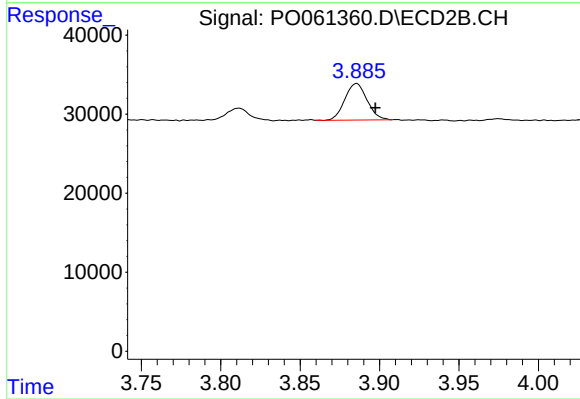
R.T.: 3.812 min
Delta R.T.: -0.011 min
Response: 15888
Conc: 56.53 ng/ml



#10 AR-1221-3

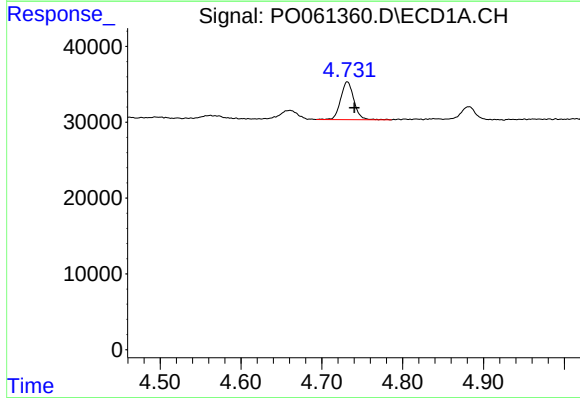
R.T.: 4.732 min
Delta R.T.: -0.009 min
Response: 57057
Conc: 53.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBW-WP



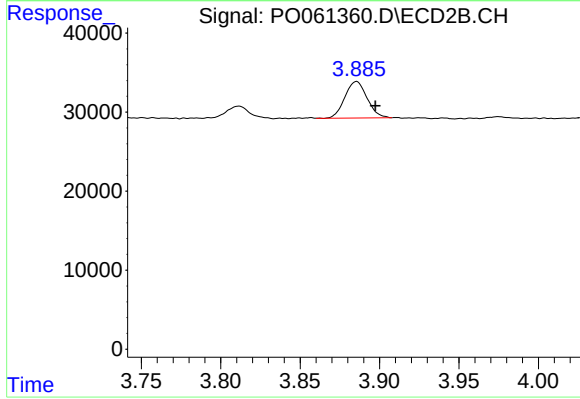
#10 AR-1221-3

R.T.: 3.886 min
Delta R.T.: -0.012 min
Response: 45168
Conc: 54.42 ng/ml



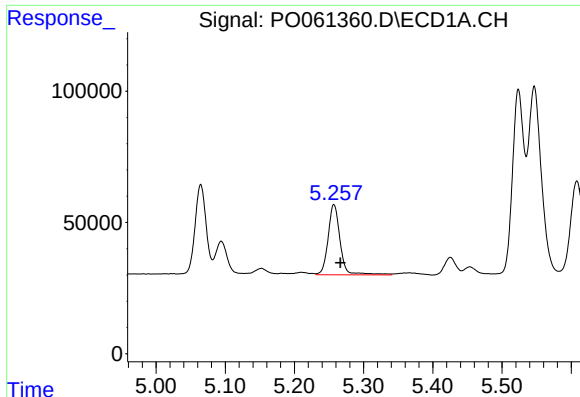
#11 AR-1232-1

R.T.: 4.732 min
Delta R.T.: -0.009 min
Response: 57057
Conc: 48.90 ng/ml



#11 AR-1232-1

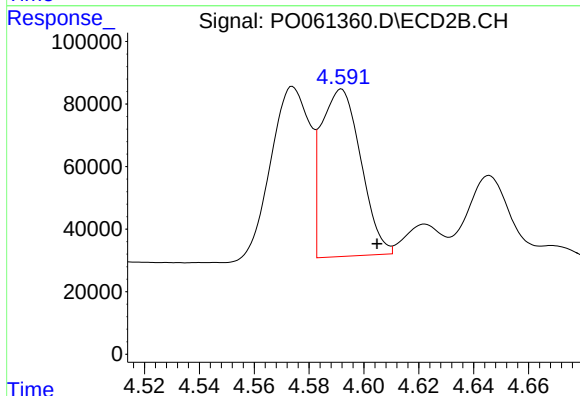
R.T.: 3.886 min
Delta R.T.: -0.012 min
Response: 45168
Conc: 49.56 ng/ml



#12 AR-1232-2

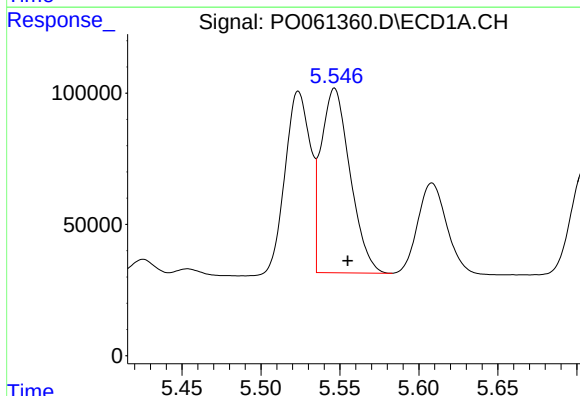
R.T.: 5.257 min
Delta R.T.: -0.009 min
Response: 326423
Conc: 503.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBW-WP



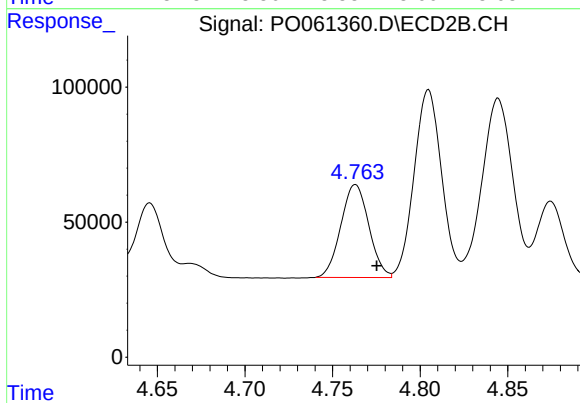
#12 AR-1232-2

R.T.: 4.592 min
Delta R.T.: -0.013 min
Response: 536277
Conc: 531.14 ng/ml



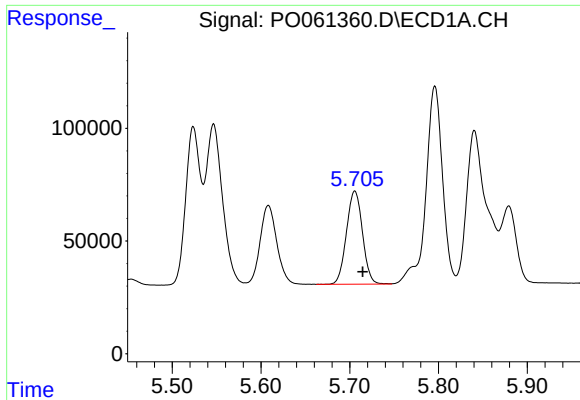
#13 AR-1232-3

R.T.: 5.547 min
Delta R.T.: -0.008 min
Response: 897977
Conc: 670.46 ng/ml



#13 AR-1232-3

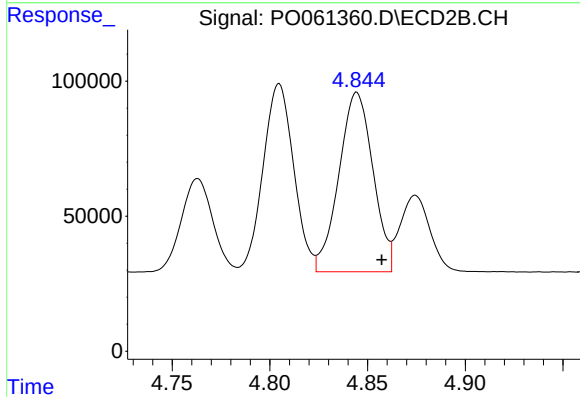
R.T.: 4.763 min
Delta R.T.: -0.012 min
Response: 382432
Conc: 681.45 ng/ml



#14 AR-1232-4

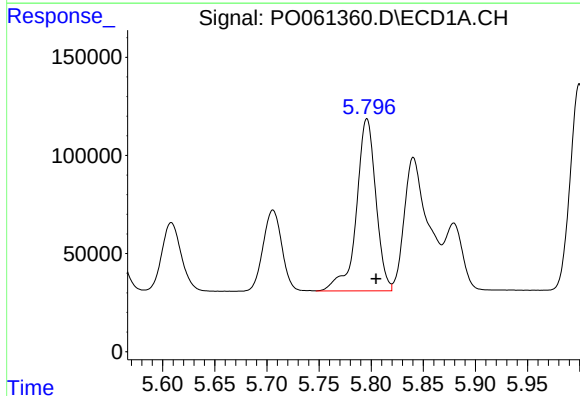
R.T.: 5.706 min
Delta R.T.: -0.009 min
Response: 519183
Conc: 755.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBW-WP



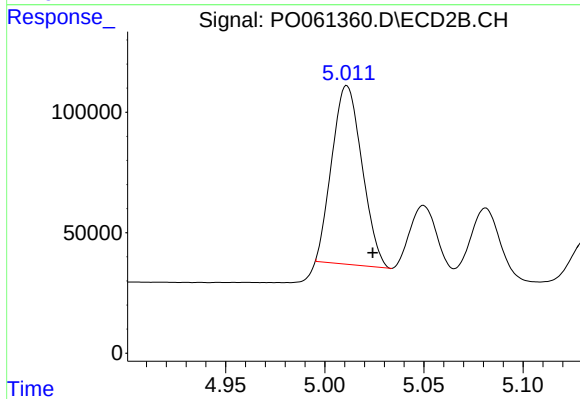
#14 AR-1232-4

R.T.: 4.845 min
Delta R.T.: -0.013 min
Response: 807094
Conc: 1545.50 ng/ml



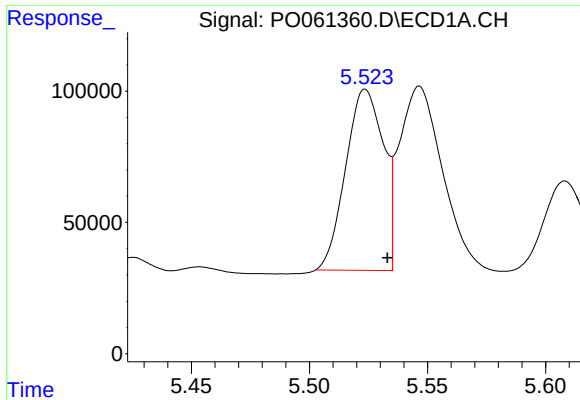
#15 AR-1232-5

R.T.: 5.796 min
Delta R.T.: -0.009 min
Response: 1139933
Conc: 2081.72 ng/ml



#15 AR-1232-5

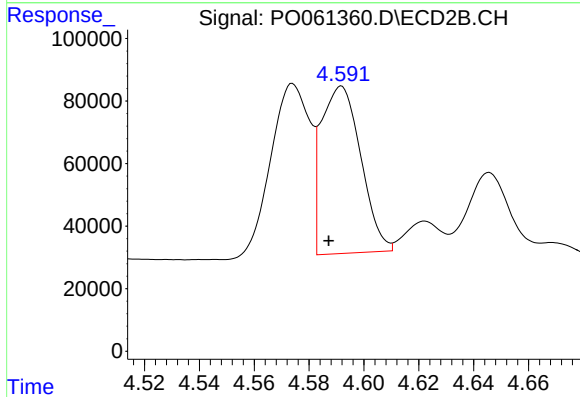
R.T.: 5.011 min
Delta R.T.: -0.013 min
Response: 783554
Conc: 1384.54 ng/ml



#16 AR-1242-1

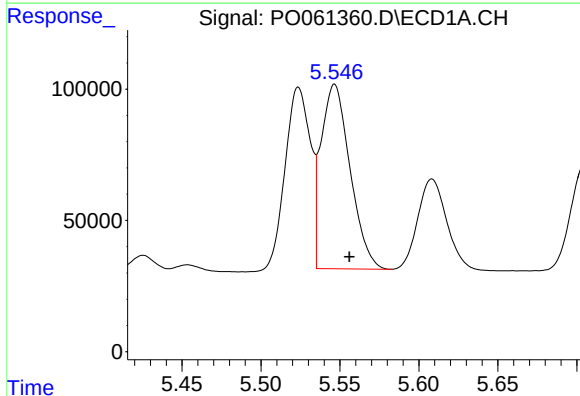
R.T.: 5.524 min
Delta R.T.: -0.009 min
Response: 763909
Conc: 640.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBW-WP



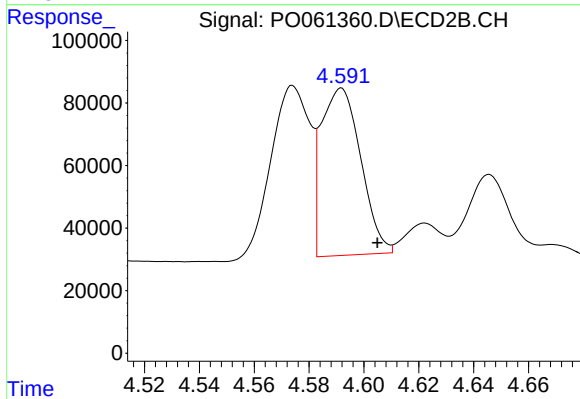
#16 AR-1242-1

R.T.: 4.592 min
Delta R.T.: 0.005 min
Response: 536277
Conc: 589.07 ng/ml



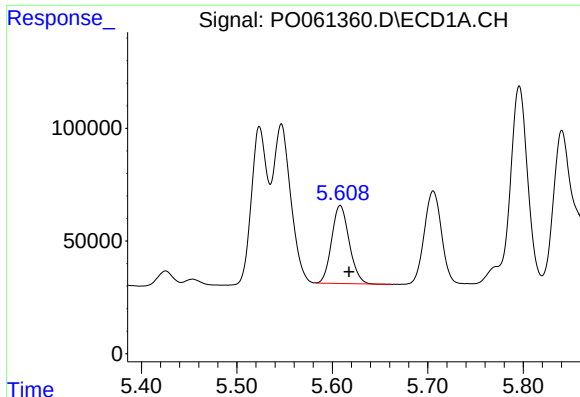
#17 AR-1242-2

R.T.: 5.547 min
Delta R.T.: -0.009 min
Response: 897977
Conc: 525.41 ng/ml



#17 AR-1242-2

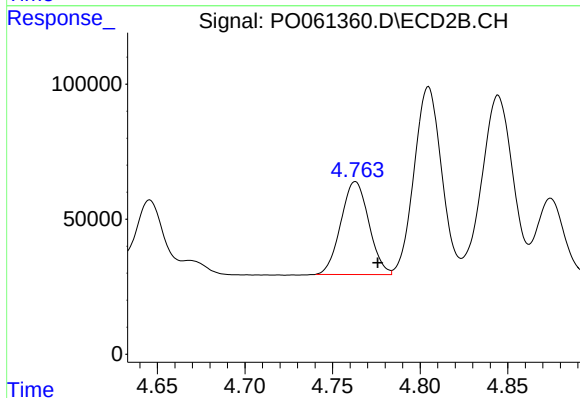
R.T.: 4.592 min
Delta R.T.: -0.013 min
Response: 536277
Conc: 428.39 ng/ml



#18 AR-1242-3

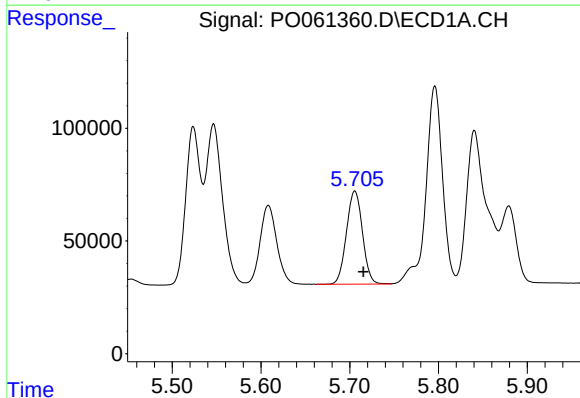
R.T.: 5.608 min
Delta R.T.: -0.009 min
Response: 443077
Conc: 409.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBW-WP



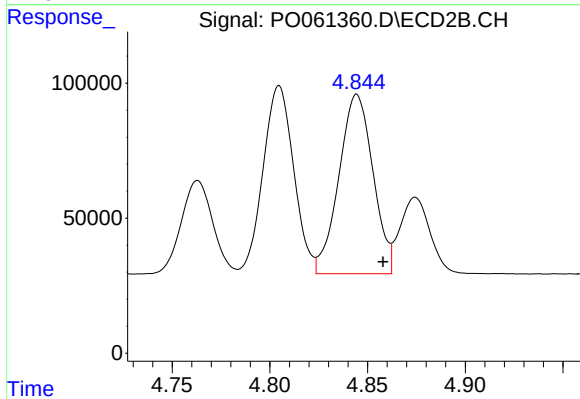
#18 AR-1242-3

R.T.: 4.763 min
Delta R.T.: -0.013 min
Response: 382432
Conc: 535.20 ng/ml



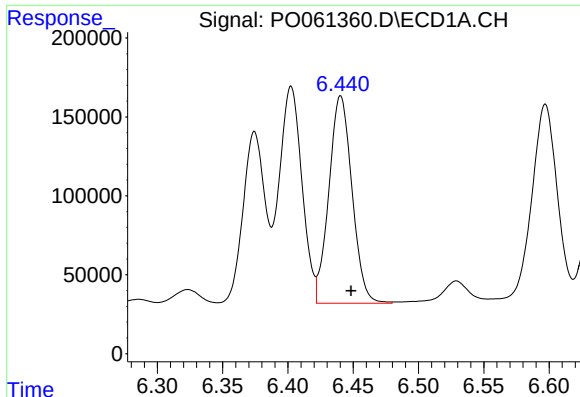
#19 AR-1242-4

R.T.: 5.706 min
Delta R.T.: -0.010 min
Response: 519183
Conc: 588.11 ng/ml



#19 AR-1242-4

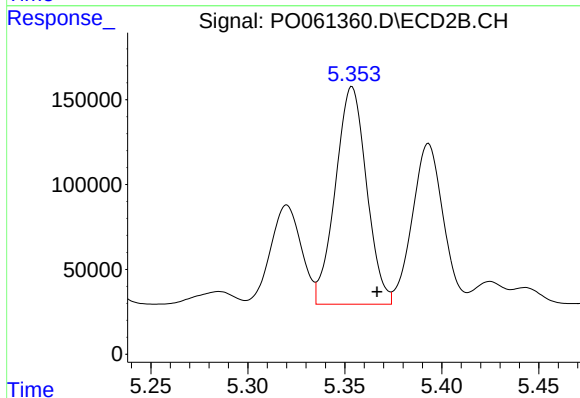
R.T.: 4.845 min
Delta R.T.: -0.013 min
Response: 807094
Conc: 1108.28 ng/ml



#20 AR-1242-5

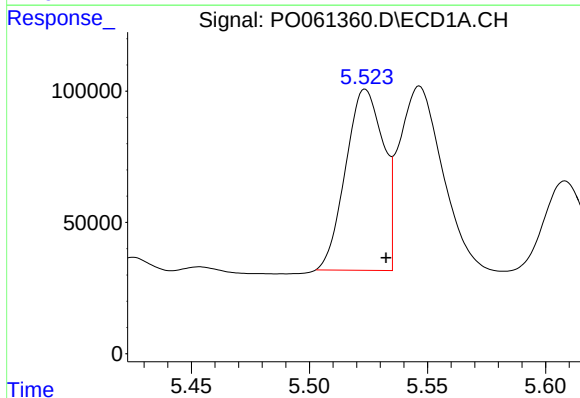
R.T.: 6.440 min
Delta R.T.: -0.008 min
Response: 1621827
Conc: 1447.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBW-WP



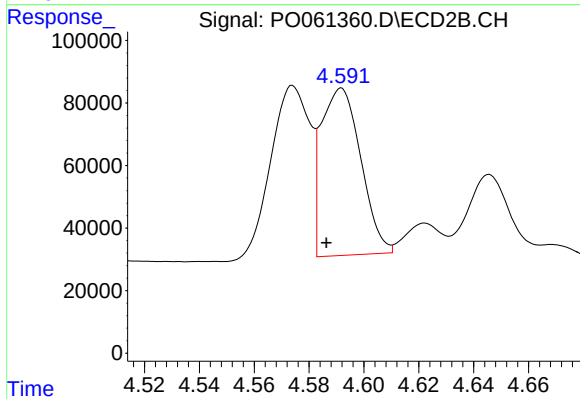
#20 AR-1242-5

R.T.: 5.354 min
Delta R.T.: -0.013 min
Response: 1432378
Conc: 1446.99 ng/ml



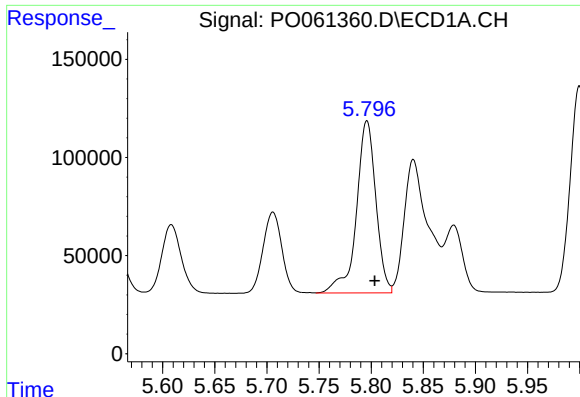
#21 AR-1248-1

R.T.: 5.524 min
Delta R.T.: -0.009 min
Response: 763909
Conc: 829.80 ng/ml



#21 AR-1248-1

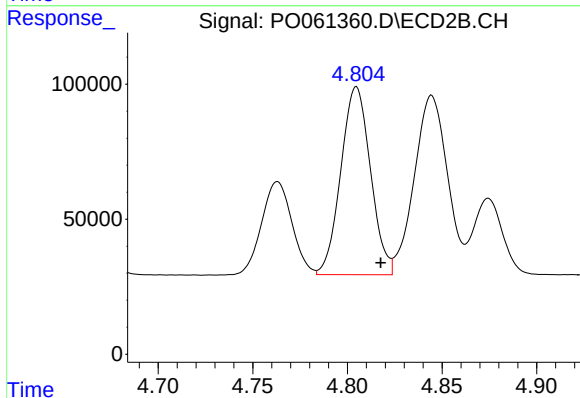
R.T.: 4.592 min
Delta R.T.: 0.005 min
Response: 536277
Conc: 756.09 ng/ml



#22 AR-1248-2

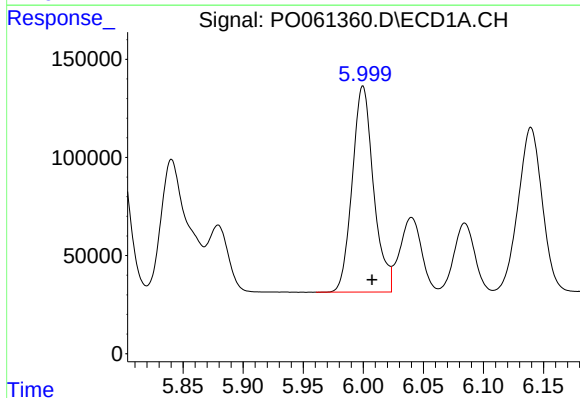
R.T.: 5.796 min
Delta R.T.: -0.008 min
Response: 1139933
Conc: 852.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBW-WP



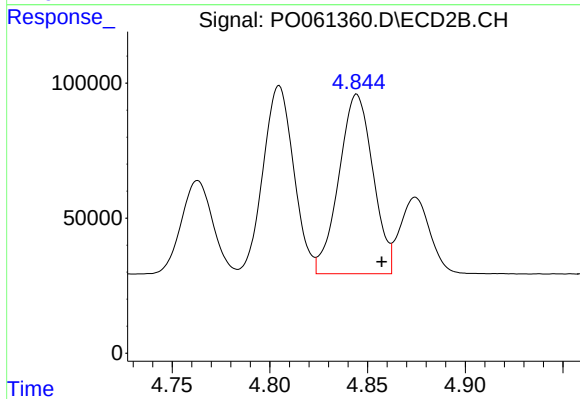
#22 AR-1248-2

R.T.: 4.805 min
Delta R.T.: -0.013 min
Response: 758640
Conc: 785.18 ng/ml



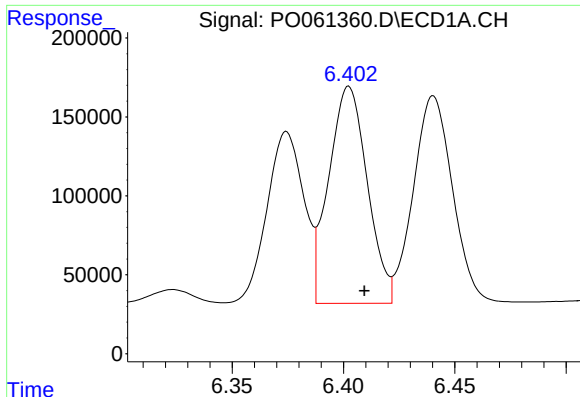
#23 AR-1248-3

R.T.: 6.000 min
Delta R.T.: -0.007 min
Response: 1294593
Conc: 855.40 ng/ml



#23 AR-1248-3

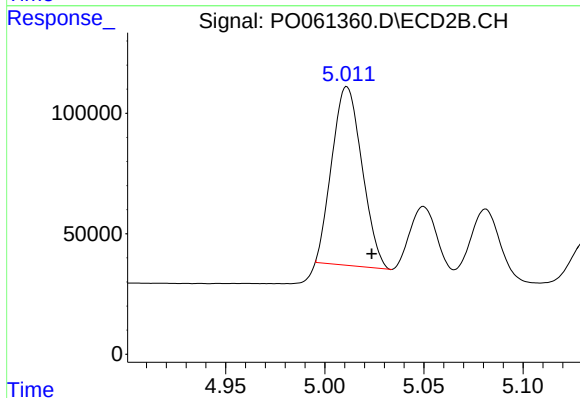
R.T.: 4.845 min
Delta R.T.: -0.013 min
Response: 807094
Conc: 801.38 ng/ml



#24 AR-1248-4

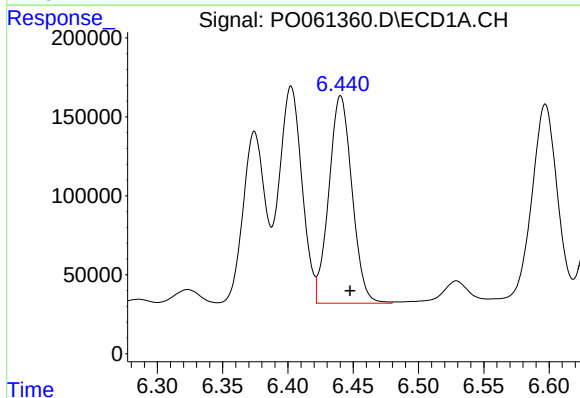
R.T.: 6.402 min
Delta R.T.: -0.007 min
Response: 1656333
Conc: 909.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBW-WP



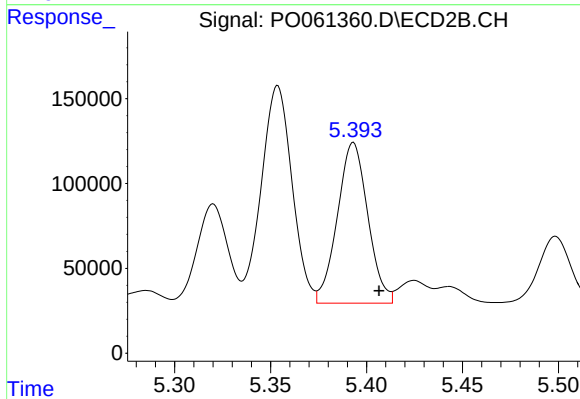
#24 AR-1248-4

R.T.: 5.011 min
Delta R.T.: -0.013 min
Response: 783554
Conc: 652.46 ng/ml



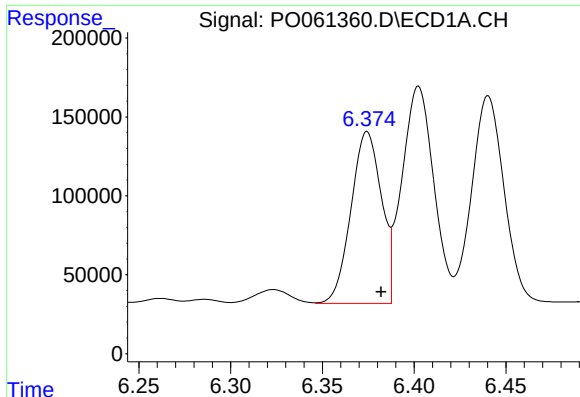
#25 AR-1248-5

R.T.: 6.440 min
Delta R.T.: -0.007 min
Response: 1621827
Conc: 926.98 ng/ml



#25 AR-1248-5

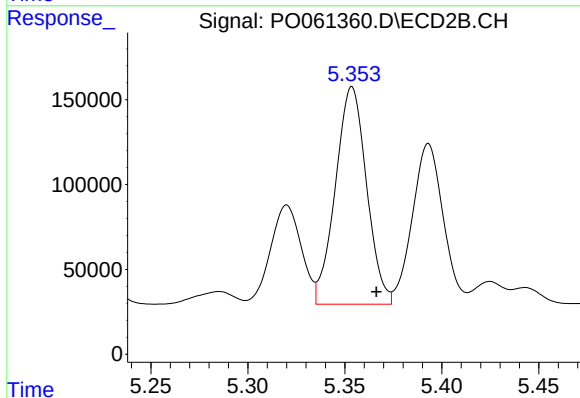
R.T.: 5.393 min
Delta R.T.: -0.013 min
Response: 1047132
Conc: 828.33 ng/ml



#26 AR-1254-1

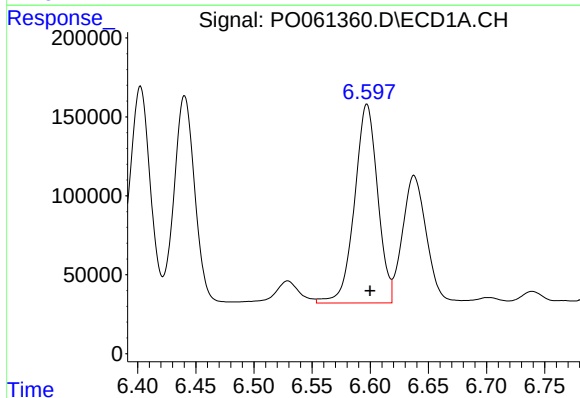
R.T.: 6.374 min
Delta R.T.: -0.007 min
Response: 1257943
Conc: 652.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBW-WP



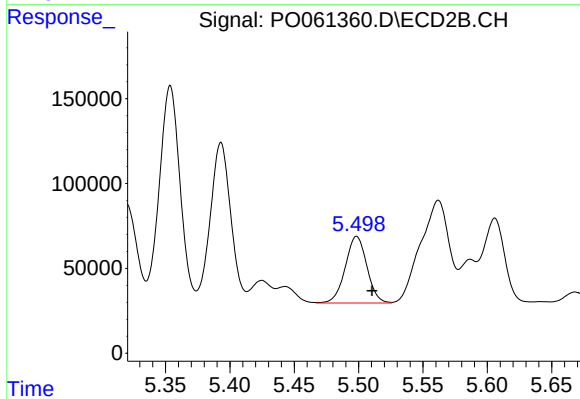
#26 AR-1254-1

R.T.: 5.354 min
Delta R.T.: -0.013 min
Response: 1432378
Conc: 695.01 ng/ml



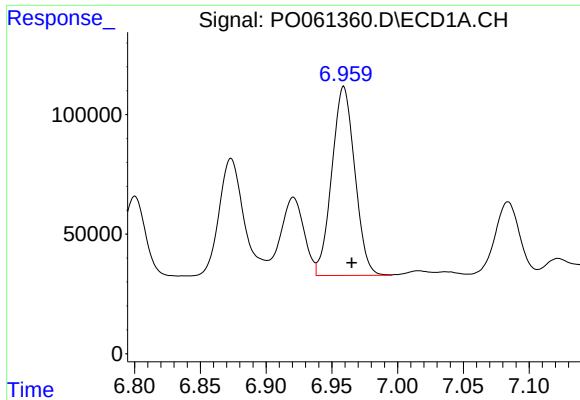
#27 AR-1254-2

R.T.: 6.597 min
Delta R.T.: -0.003 min
Response: 1741302
Conc: 553.33 ng/ml



#27 AR-1254-2

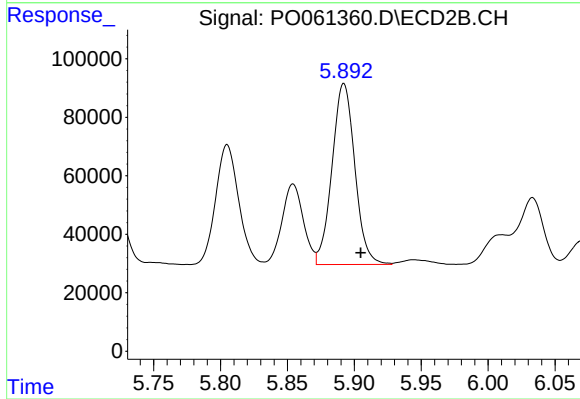
R.T.: 5.498 min
Delta R.T.: -0.012 min
Response: 460915
Conc: 244.25 ng/ml



#28 AR-1254-3

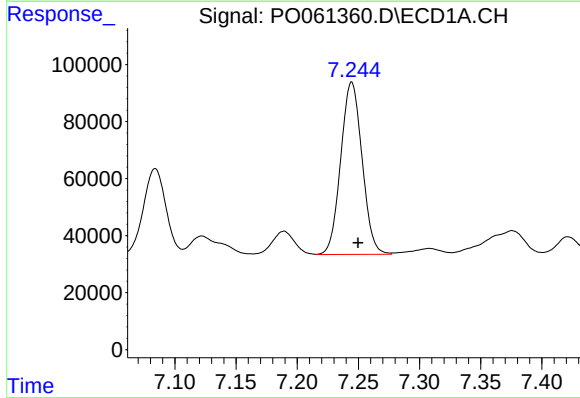
R.T.: 6.959 min
Delta R.T.: -0.006 min
Response: 959979
Conc: 272.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBW-WP



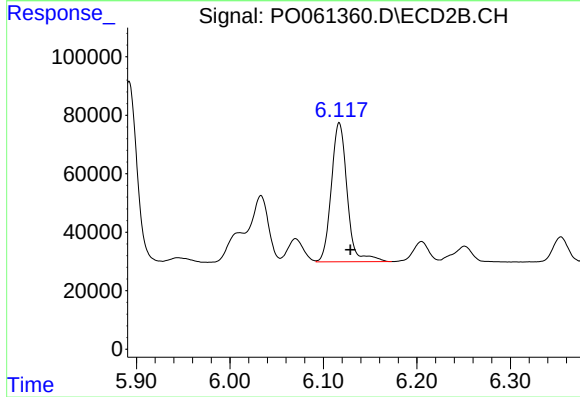
#28 AR-1254-3

R.T.: 5.892 min
Delta R.T.: -0.013 min
Response: 734090
Conc: 230.88 ng/ml



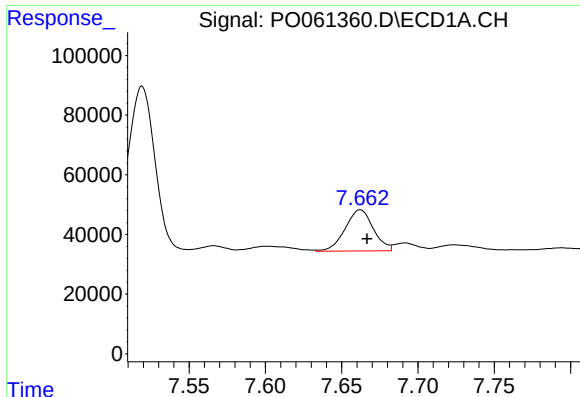
#29 AR-1254-4

R.T.: 7.245 min
Delta R.T.: -0.005 min
Response: 734267
Conc: 271.24 ng/ml



#29 AR-1254-4

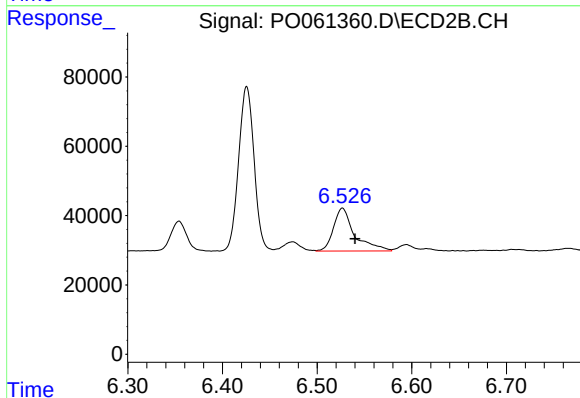
R.T.: 6.117 min
Delta R.T.: -0.012 min
Response: 561577
Conc: 269.73 ng/ml



#30 AR-1254-5

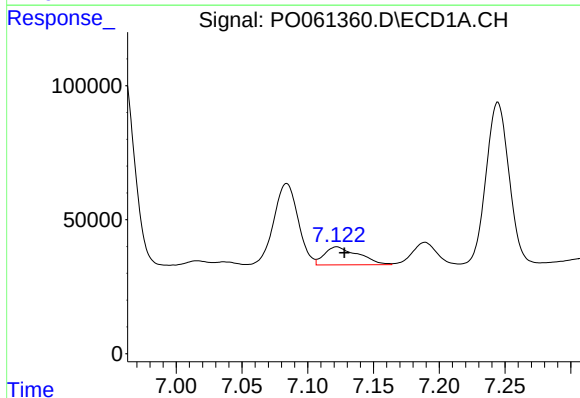
R.T.: 7.662 min
Delta R.T.: -0.005 min
Response: 178565
Conc: 60.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBW-WP



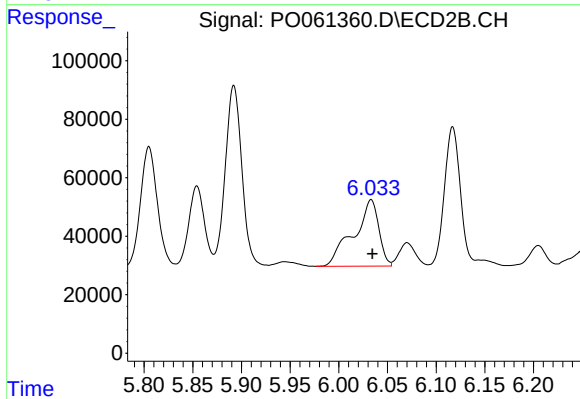
#30 AR-1254-5

R.T.: 6.527 min
Delta R.T.: -0.013 min
Response: 191062
Conc: 60.37 ng/ml



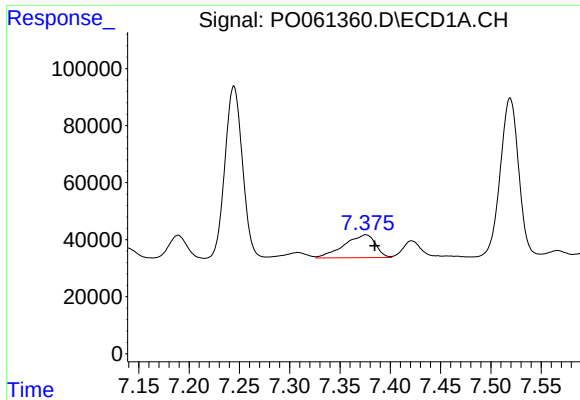
#31 AR-1260-1

R.T.: 7.122 min
Delta R.T.: -0.006 min
Response: 121533
Conc: 49.92 ng/ml



#31 AR-1260-1

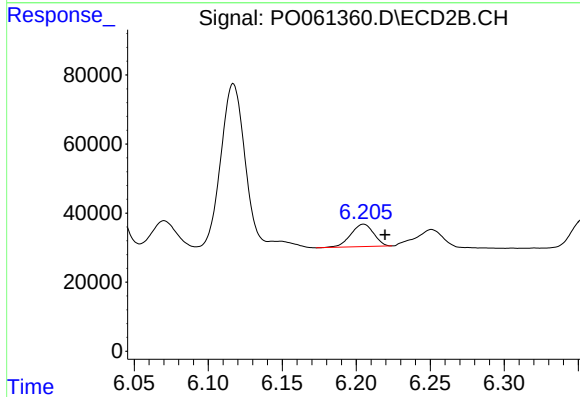
R.T.: 6.033 min
Delta R.T.: -0.001 min
Response: 409787
Conc: 194.82 ng/ml



#32 AR-1260-2

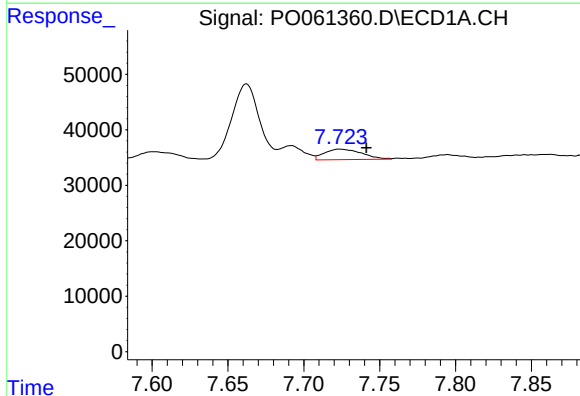
R.T.: 7.376 min
Delta R.T.: -0.009 min
Response: 174917
Conc: 57.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBW-WP



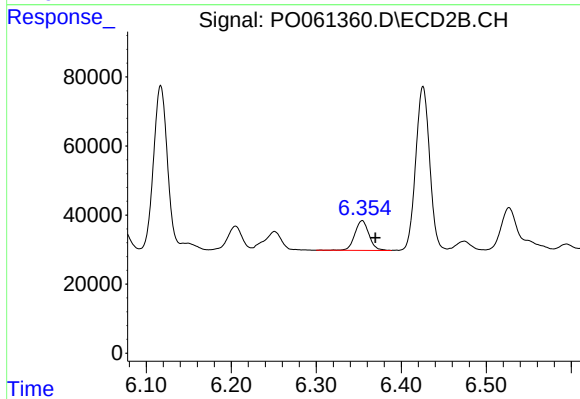
#32 AR-1260-2

R.T.: 6.205 min
Delta R.T.: -0.015 min
Response: 70120
Conc: 27.18 ng/ml



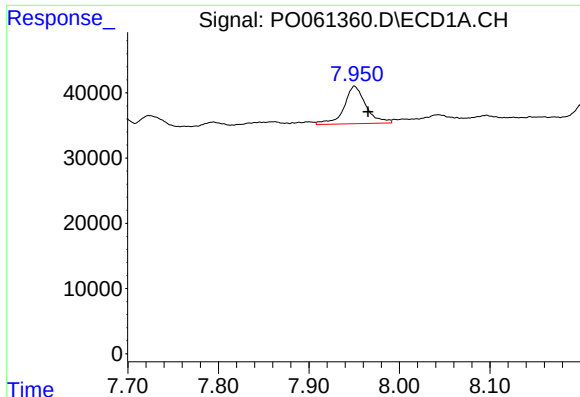
#33 AR-1260-3

R.T.: 7.724 min
Delta R.T.: -0.018 min
Response: 32494
Conc: 13.62 ng/ml



#33 AR-1260-3

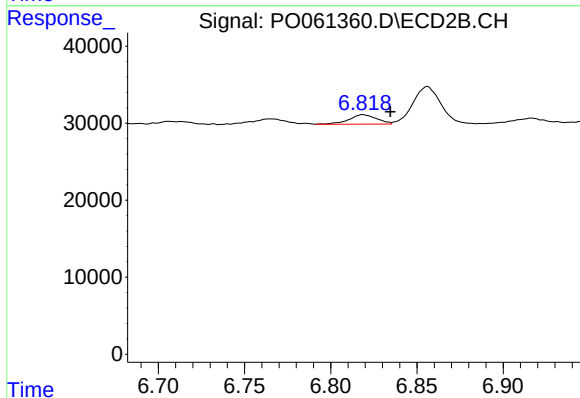
R.T.: 6.354 min
Delta R.T.: -0.016 min
Response: 99202
Conc: 41.20 ng/ml



#34 AR-1260-4

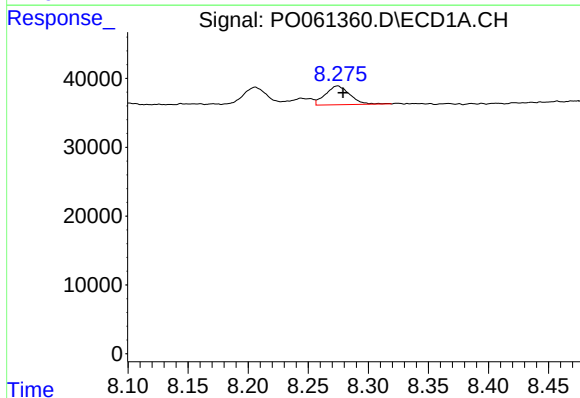
R.T.: 7.950 min
Delta R.T.: -0.015 min
Response: 96631
Conc: 34.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBW-WP



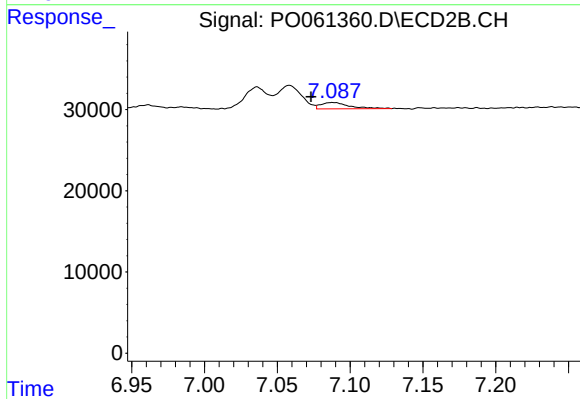
#34 AR-1260-4

R.T.: 6.819 min
Delta R.T.: -0.016 min
Response: 13657
Conc: 6.38 ng/ml



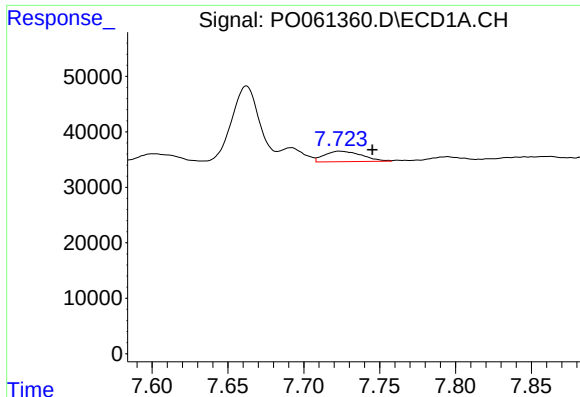
#35 AR-1260-5

R.T.: 8.274 min
Delta R.T.: -0.005 min
Response: 38392
Conc: 7.05 ng/ml



#35 AR-1260-5

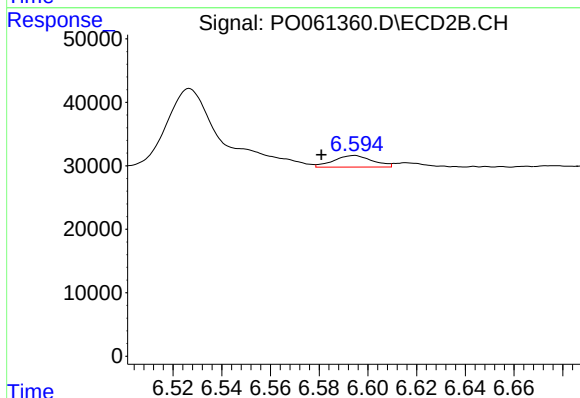
R.T.: 7.088 min
Delta R.T.: 0.015 min
Response: 10859
Conc: 2.25 ng/ml



#36 AR-1262-1

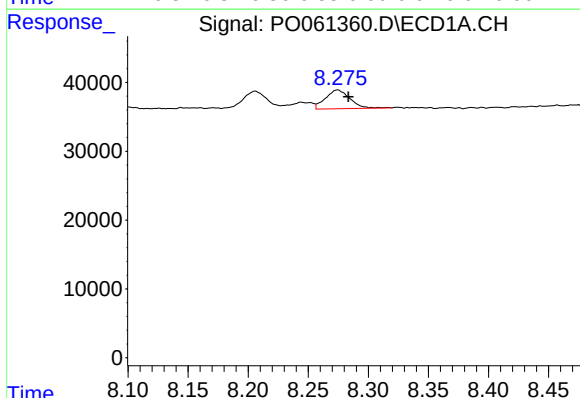
R.T.: 7.724 min
Delta R.T.: -0.022 min
Response: 32494
Conc: 9.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBW-WP



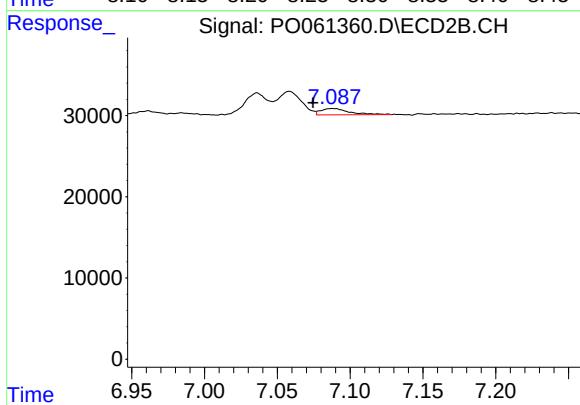
#36 AR-1262-1

R.T.: 6.594 min
Delta R.T.: 0.013 min
Response: 20153
Conc: 6.75 ng/ml



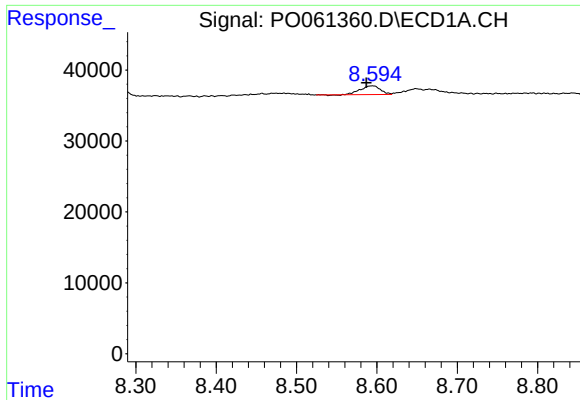
#37 AR-1262-2

R.T.: 8.274 min
Delta R.T.: -0.009 min
Response: 38392
Conc: 6.16 ng/ml



#37 AR-1262-2

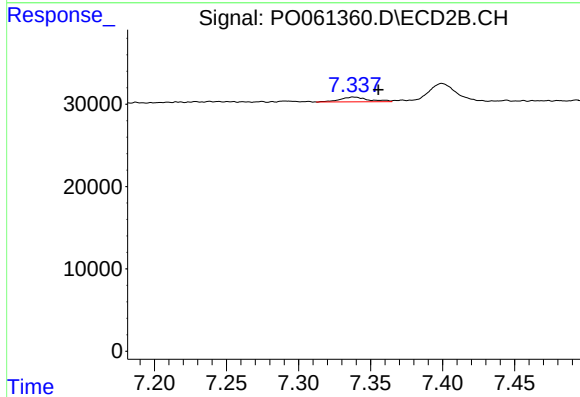
R.T.: 7.088 min
Delta R.T.: 0.013 min
Response: 10859
Conc: 2.09 ng/ml



#38 AR-1262-3

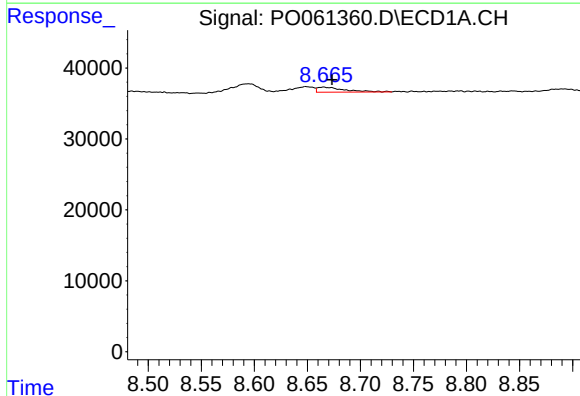
R.T.: 8.594 min
Delta R.T.: 0.008 min
Response: 21121
Conc: 4.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBW-WP



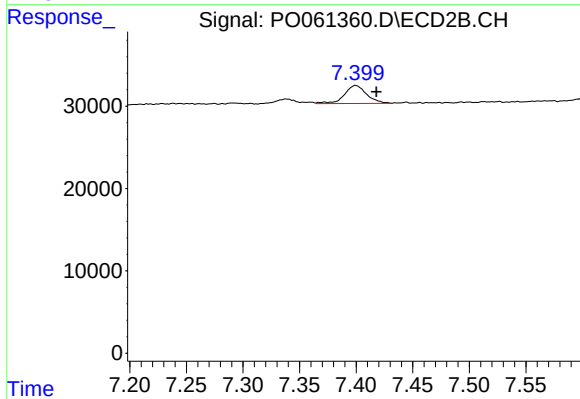
#38 AR-1262-3

R.T.: 7.338 min
Delta R.T.: -0.017 min
Response: 8140
Conc: 3.84 ng/ml



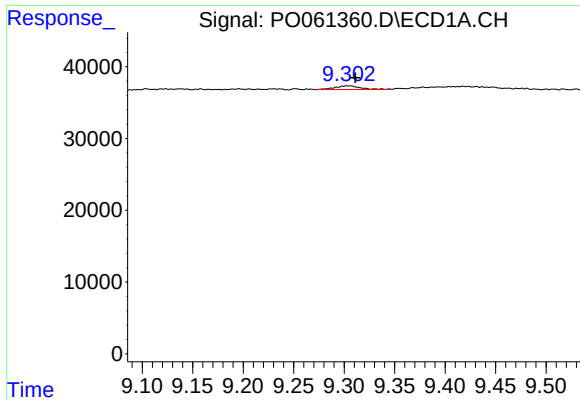
#39 AR-1262-4

R.T.: 8.665 min
Delta R.T.: -0.008 min
Response: 12589
Conc: 3.86 ng/ml



#39 AR-1262-4

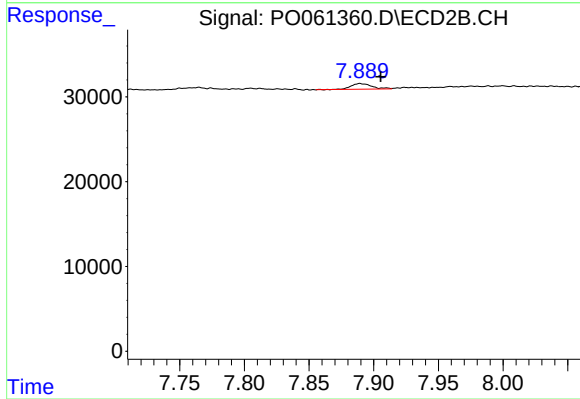
R.T.: 7.400 min
Delta R.T.: -0.018 min
Response: 29975
Conc: 7.85 ng/ml



#40 AR-1262-5

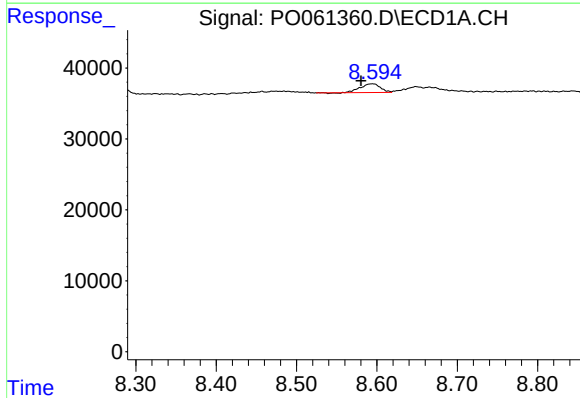
R.T.: 9.305 min
Delta R.T.: -0.006 min
Response: 8924
Conc: 4.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBW-WP



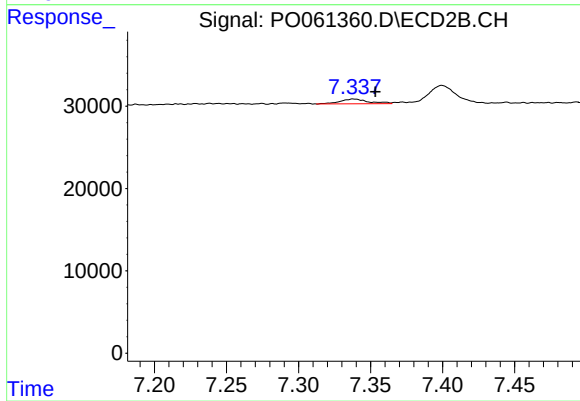
#40 AR-1262-5

R.T.: 7.889 min
Delta R.T.: -0.016 min
Response: 7558
Conc: 4.52 ng/ml



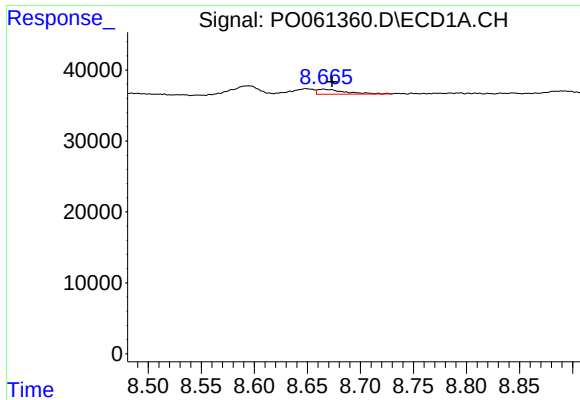
#41 AR-1268-1

R.T.: 8.594 min
Delta R.T.: 0.014 min
Response: 21121
Conc: 2.86 ng/ml



#41 AR-1268-1

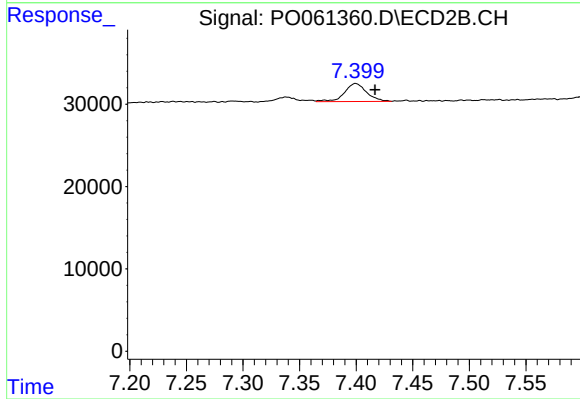
R.T.: 7.338 min
Delta R.T.: -0.015 min
Response: 8140
Conc: 1.39 ng/ml



#42 AR-1268-2

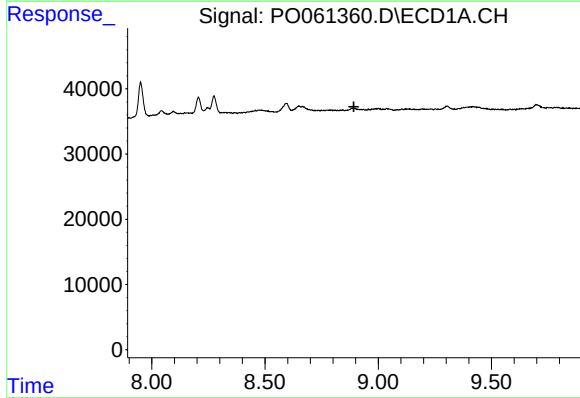
R.T.: 8.665 min
Delta R.T.: -0.008 min
Response: 12589
Conc: 1.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBW-WP



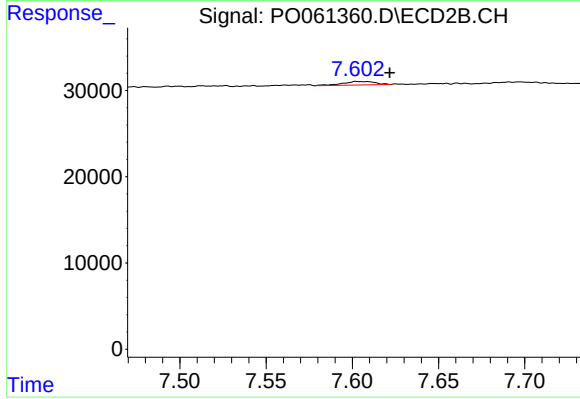
#42 AR-1268-2

R.T.: 7.400 min
Delta R.T.: -0.017 min
Response: 29975
Conc: 5.62 ng/ml



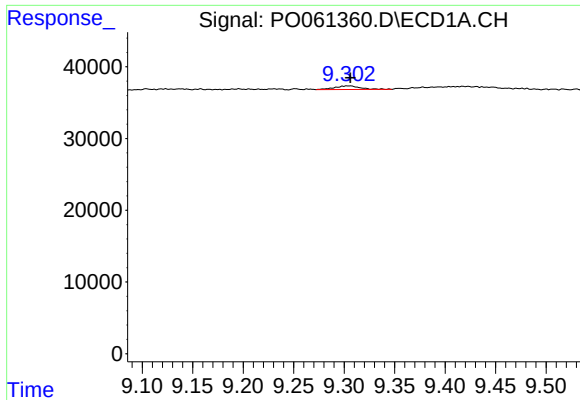
#43 AR-1268-3

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



#43 AR-1268-3

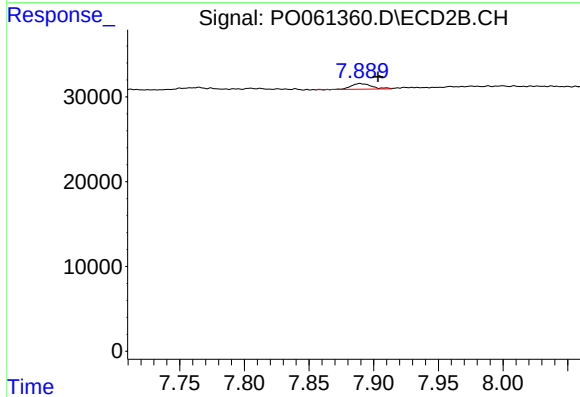
R.T.: 7.603 min
Delta R.T.: -0.019 min
Response: 5237
Conc: 1.18 ng/ml



#44 AR-1268-4

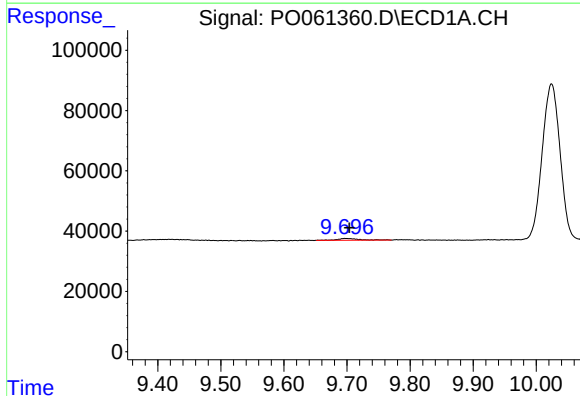
R.T.: 9.305 min
Delta R.T.: -0.001 min
Response: 8924
Conc: 3.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBW-WP



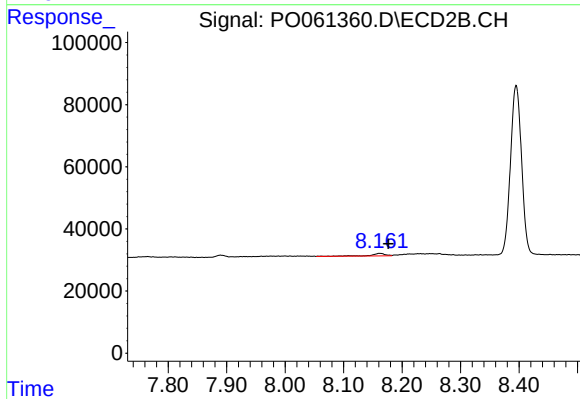
#44 AR-1268-4

R.T.: 7.889 min
Delta R.T.: -0.014 min
Response: 7558
Conc: 3.96 ng/ml



#45 AR-1268-5

R.T.: 9.698 min
Delta R.T.: -0.006 min
Response: 14967
Conc: 0.94 ng/ml



#45 AR-1268-5

R.T.: 8.162 min
Delta R.T.: -0.015 min
Response: 14322
Conc: 1.19 ng/ml