

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0081419\
 Data File : P0059307.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 14 Aug 2019 22:32
 Operator : SM/SJ
 Sample : K4272-06
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 09:29:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 14 09:07:26 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...	4.145	3.510	823010	771015	19.501	19.299
2)	SA Decachlor...	9.701	8.383	9803	518285	0.181	13.130 #
Target Compounds							
3)	L1 AR-1016-1	5.325	0.000	16205	0	8.647	N.D. #
4)	L1 AR-1016-2	5.380	0.000	9134	0	3.320	N.D. #
5)	L1 AR-1016-3	5.415	4.794	4901	60198	2.886	53.004 #
6)	L1 AR-1016-4	5.567	4.833	76623	14116	54.762	14.965 #
7)	L1 AR-1016-5	5.852	5.002	5911	28294	4.127	22.976 #
8)	L2 AR-1221-1	4.446	0.000	13732	0	30.229	N.D. #
9)	L2 AR-1221-2	4.446	0.000	13732	0	39.829	N.D. #
10)	L2 AR-1221-3	4.597	3.918	33352	33033	30.415	34.531
11)	L3 AR-1232-1	4.597	3.918	33352	33033	36.943	42.050
12)	L3 AR-1232-2	5.062	0.000	8547	0	17.376	N.D. #
13)	L3 AR-1232-3	5.380	4.794	9134	60198	8.531	136.882 #
14)	L3 AR-1232-4	5.567	4.833	76623	14116	143.729	35.713 #
15)	L3 AR-1232-5	5.610	5.002	23018	28294	56.408	64.268
16)	L4 AR-1242-1	5.325	0.000	16205	0	12.655	N.D. #
17)	L4 AR-1242-2	5.380	0.000	9134	0	4.829	N.D. #
18)	L4 AR-1242-3	5.415	4.794	4901	60198	4.178	73.919 #
19)	L4 AR-1242-4	5.567	4.833	76623	14116	79.734	17.448 #
20)	L4 AR-1242-5	6.240	5.346	1436	151054	1.222	140.818 #
21)	L5 AR-1248-1	5.325	0.000	16205	0	16.029	N.D. #
22)	L5 AR-1248-2	5.610	4.833	23018	14116	15.923	12.740
23)	L5 AR-1248-3	5.852	4.833	5911	14116	3.599	12.403 #
24)	L5 AR-1248-4	6.207	5.002	53134	28294	26.236	20.254
25)	L5 AR-1248-5	6.240	5.436	1436	24560	0.744	17.730 #
26)	L6 AR-1254-1	6.169	5.346	93877	151054	39.757	58.310 #
27)	L6 AR-1254-2	6.404	5.491	100757	131648	26.144	57.503 #
28)	L6 AR-1254-3	6.776	5.888	22198	207647	5.481	56.435 #
29)	L6 AR-1254-4	7.066	6.142	25721	21881	7.143	9.410 #
30)	L6 AR-1254-5	7.447	6.524	48783	184087	13.458	53.365 #
31)	L7 AR-1260-1	6.879	6.014	103811	75454	36.056	31.703
32)	L7 AR-1260-2	7.181	6.201	71529	82287	17.194	27.164 #
33)	L7 AR-1260-3	7.513	6.350	1878	75612	0.504	28.006 #
34)	L7 AR-1260-4	7.714	6.853	154421	36295	45.314	16.063 #
35)	L7 AR-1260-5	8.024	7.056	114090	26553	15.512	4.931 #
36)	L8 AR-1262-1	7.513	6.524	1878	184087	0.373	51.540 #
37)	L8 AR-1262-2	8.024	7.056	114090	26553	14.335	4.703 #
38)	L8 AR-1262-3	8.328	7.397	43752	54921	8.607	22.253 #
39)	L8 AR-1262-4	8.419	7.397	34040	54921	8.983	12.934 #
40)	L8 AR-1262-5	9.008	7.949	8468	54493	3.686	32.047 #
41)	L9 AR-1268-1	8.328	7.397	43752	54921	3.917	6.743 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081419\
 Data File : P0059307.D
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 Operator : SM/SJ
 Sample : K4272-06
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

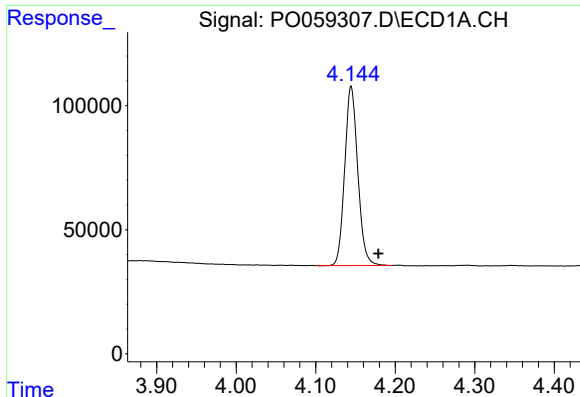
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 09:29:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.419	7.397	34040	54921	3.624	7.248 #
43) L9	AR-1268-3	8.608	0.000	9274	0	1.123	N.D. #
44) L9	AR-1268-4	9.008	7.949	8468	54493	2.833	23.482 #
45) L9	AR-1268-5	9.362	8.119	1623	38880	0.076	2.269 #

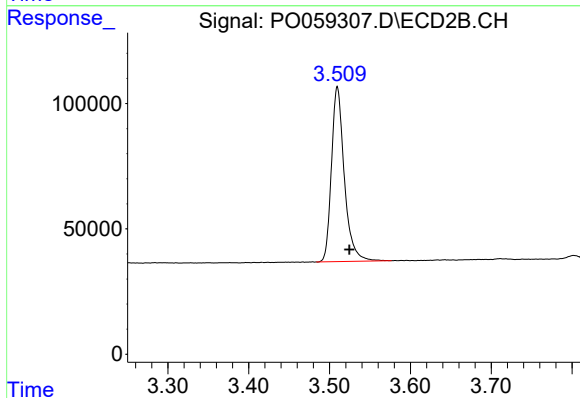
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

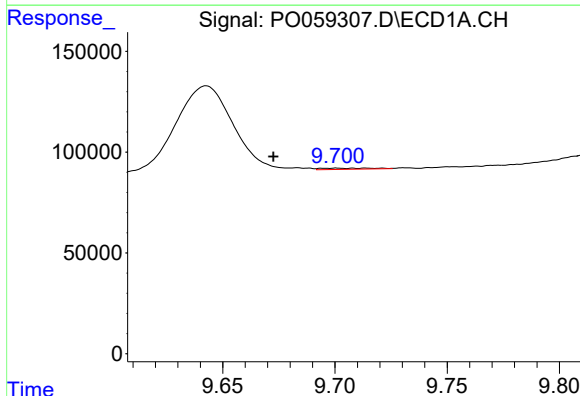
R.T.: 4.145 min
Delta R.T.: -0.034 min
Response: 823010
Conc: 19.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



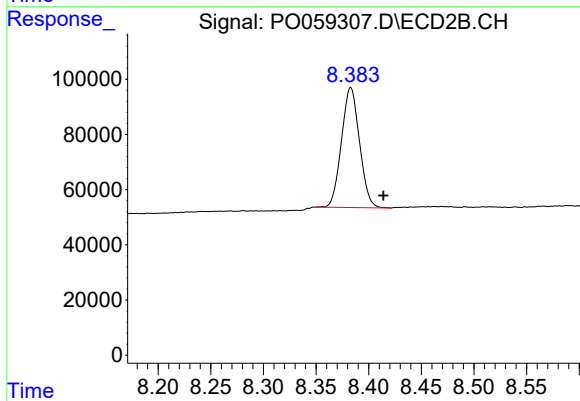
#1 Tetrachloro-m-xylene

R.T.: 3.510 min
Delta R.T.: -0.015 min
Response: 771015
Conc: 19.30 ng/ml



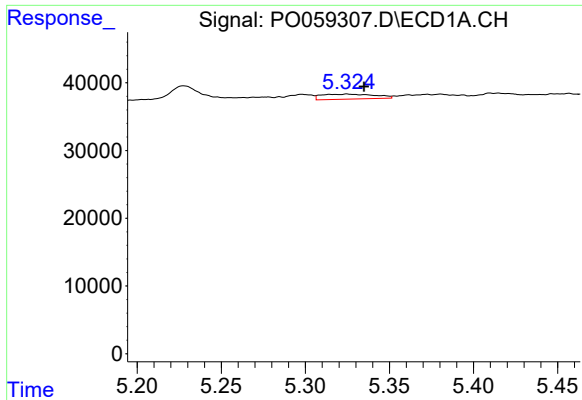
#2 Decachlorobiphenyl

R.T.: 9.701 min
Delta R.T.: 0.028 min
Response: 9803
Conc: 0.18 ng/ml



#2 Decachlorobiphenyl

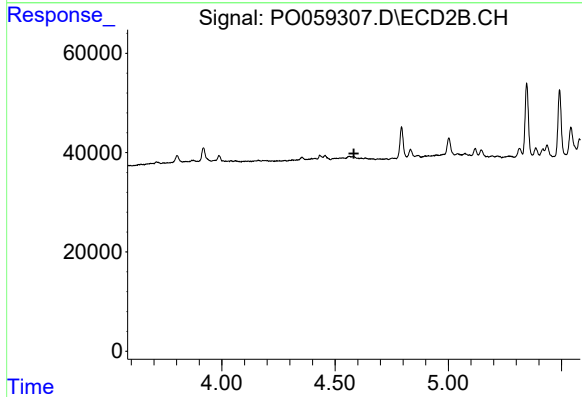
R.T.: 8.383 min
Delta R.T.: -0.031 min
Response: 518285
Conc: 13.13 ng/ml



#3 AR-1016-1

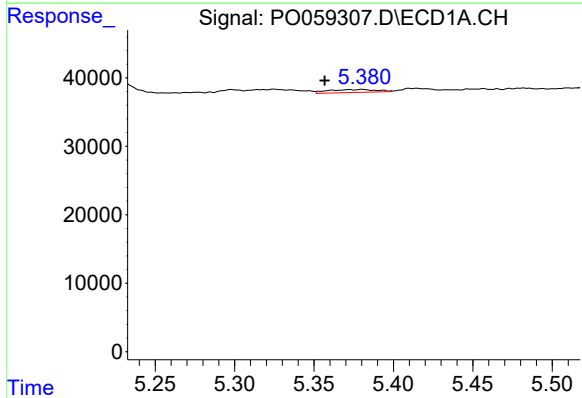
R.T.: 5.325 min
Delta R.T.: -0.010 min
Response: 16205
Conc: 8.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



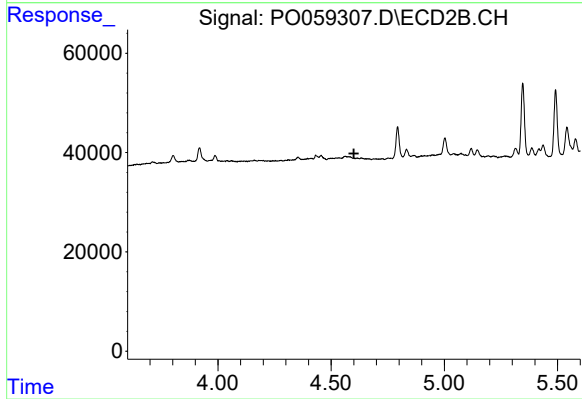
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



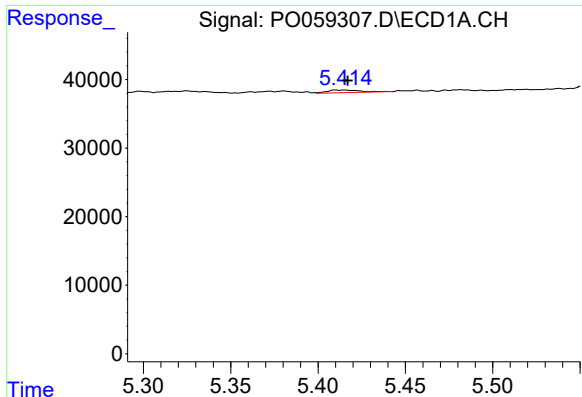
#4 AR-1016-2

R.T.: 5.380 min
Delta R.T.: 0.024 min
Response: 9134
Conc: 3.32 ng/ml



#4 AR-1016-2

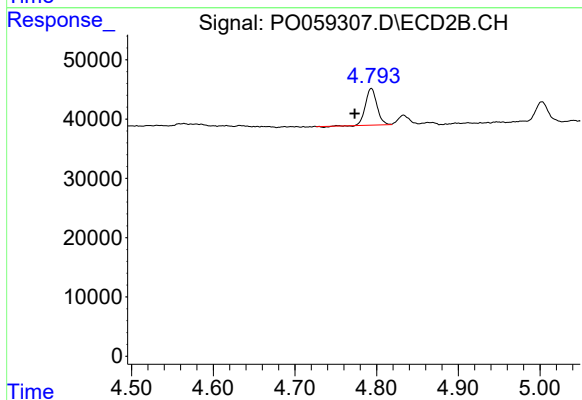
R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



#5 AR-1016-3

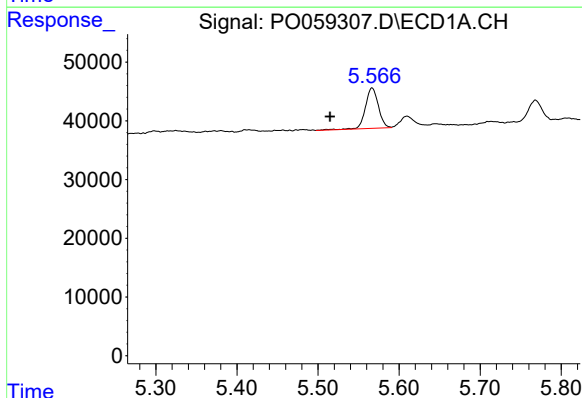
R.T.: 5.415 min
Delta R.T.: -0.002 min
Response: 4901
Conc: 2.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



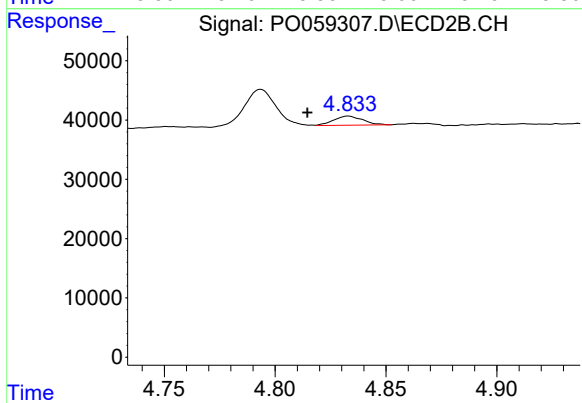
#5 AR-1016-3

R.T.: 4.794 min
Delta R.T.: 0.020 min
Response: 60198
Conc: 53.00 ng/ml



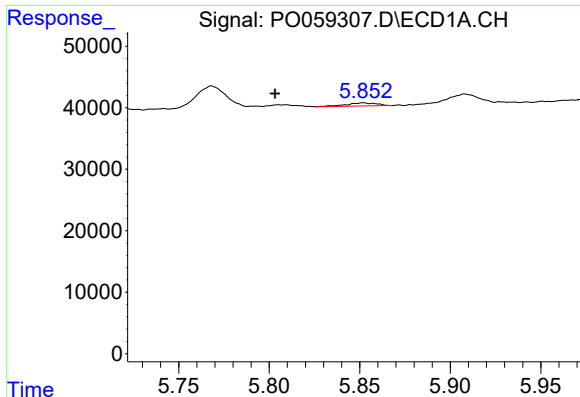
#6 AR-1016-4

R.T.: 5.567 min
Delta R.T.: 0.052 min
Response: 76623
Conc: 54.76 ng/ml



#6 AR-1016-4

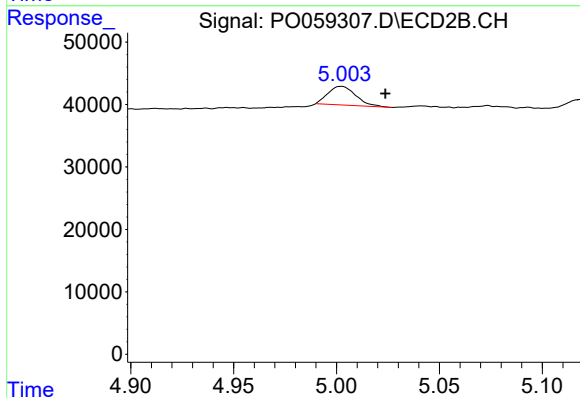
R.T.: 4.833 min
Delta R.T.: 0.018 min
Response: 14116
Conc: 14.96 ng/ml



#7 AR-1016-5

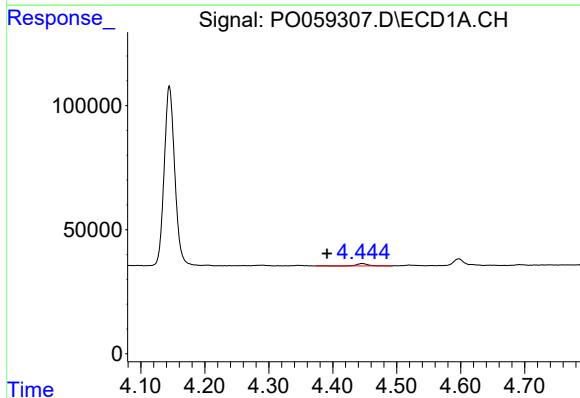
R.T.: 5.852 min
Delta R.T.: 0.049 min
Response: 5911
Conc: 4.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



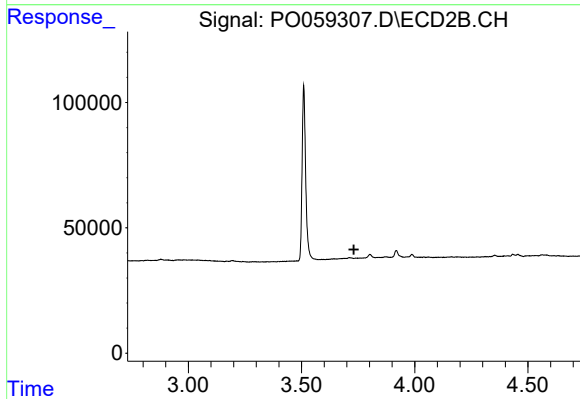
#7 AR-1016-5

R.T.: 5.002 min
Delta R.T.: -0.021 min
Response: 28294
Conc: 22.98 ng/ml



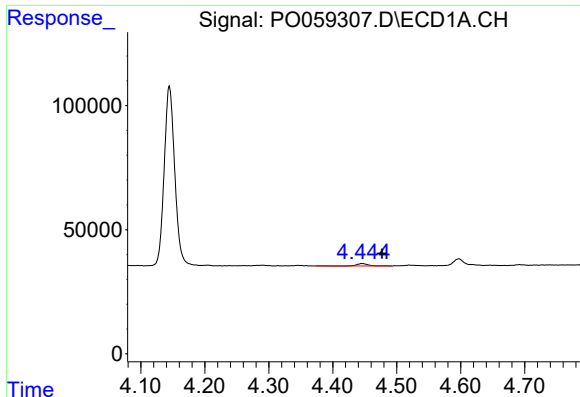
#8 AR-1221-1

R.T.: 4.446 min
Delta R.T.: 0.055 min
Response: 13732
Conc: 30.23 ng/ml



#8 AR-1221-1

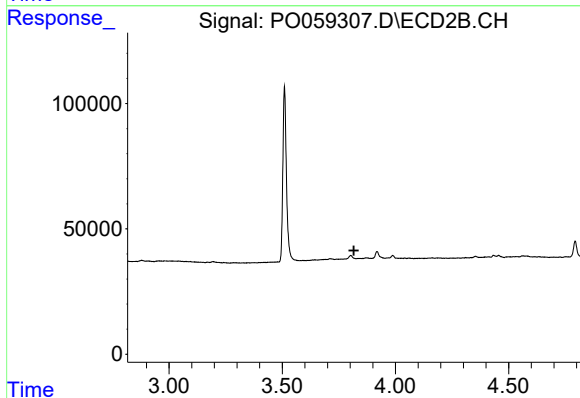
R.T.: 0.000 min
Exp R.T.: 3.732 min
Response: 0
Conc: N.D.



#9 AR-1221-2

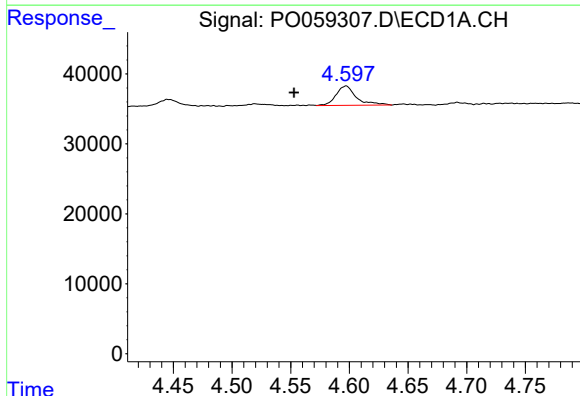
R.T.: 4.446 min
Delta R.T.: -0.031 min
Response: 13732
Conc: 39.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



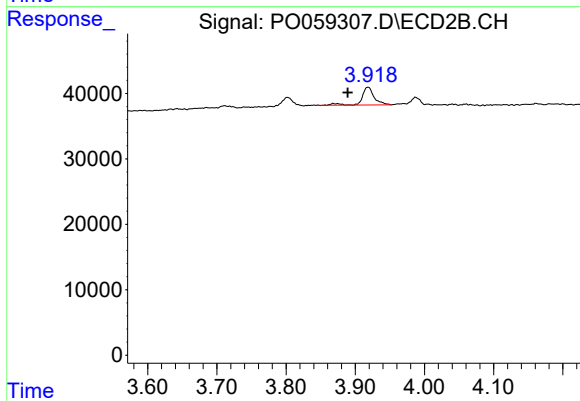
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.816 min
Response: 0
Conc: N.D.



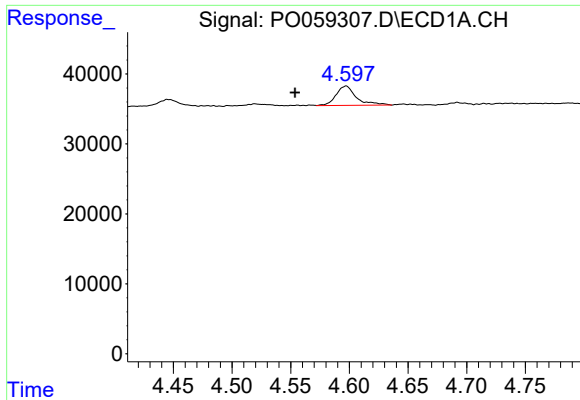
#10 AR-1221-3

R.T.: 4.597 min
Delta R.T.: 0.044 min
Response: 33352
Conc: 30.41 ng/ml



#10 AR-1221-3

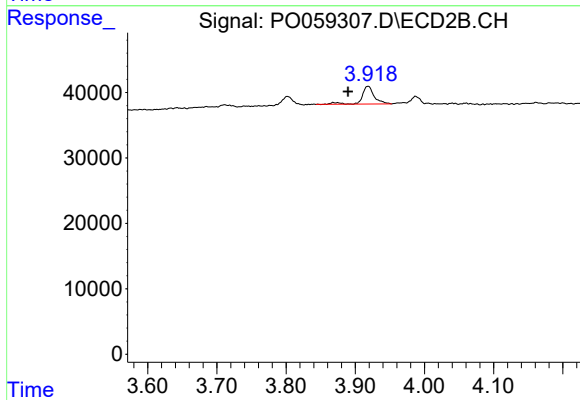
R.T.: 3.918 min
Delta R.T.: 0.029 min
Response: 33033
Conc: 34.53 ng/ml



#11 AR-1232-1

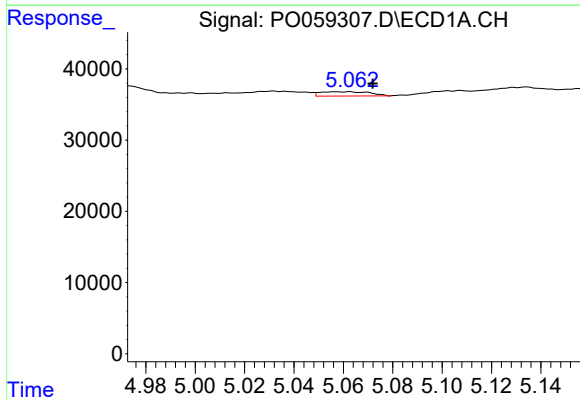
R.T.: 4.597 min
Delta R.T.: 0.043 min
Response: 33352
Conc: 36.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



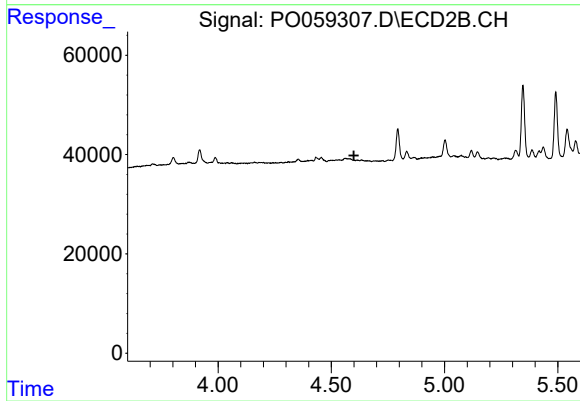
#11 AR-1232-1

R.T.: 3.918 min
Delta R.T.: 0.029 min
Response: 33033
Conc: 42.05 ng/ml



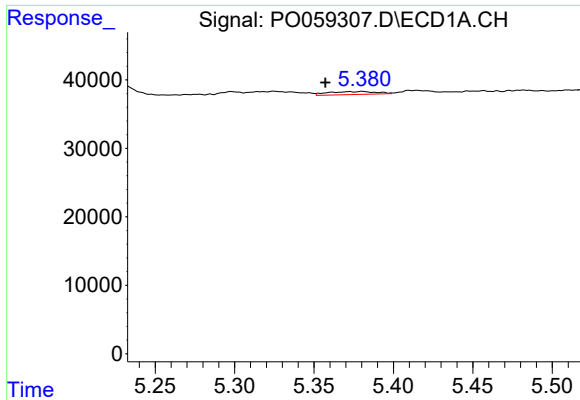
#12 AR-1232-2

R.T.: 5.062 min
Delta R.T.: -0.010 min
Response: 8547
Conc: 17.38 ng/ml



#12 AR-1232-2

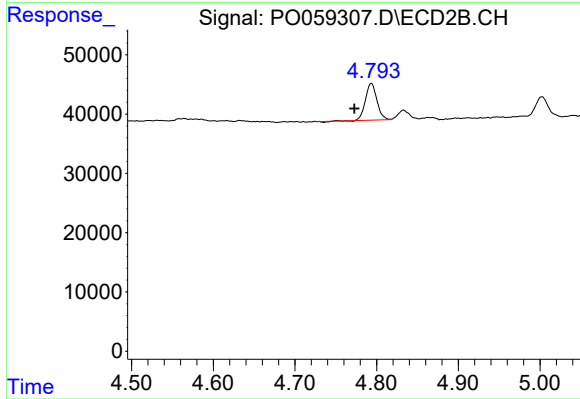
R.T.: 0.000 min
Exp R.T.: 4.600 min
Response: 0
Conc: N.D.



#13 AR-1232-3

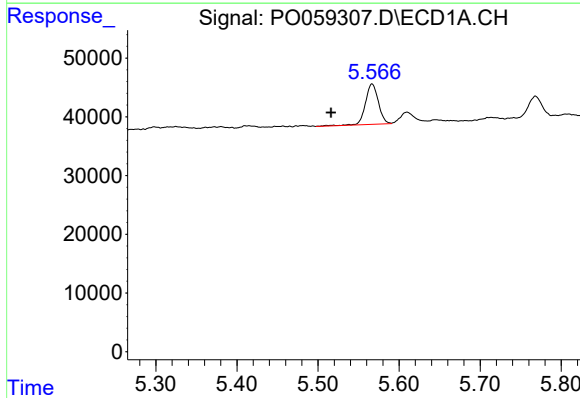
R.T.: 5.380 min
Delta R.T.: 0.023 min
Response: 9134
Conc: 8.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



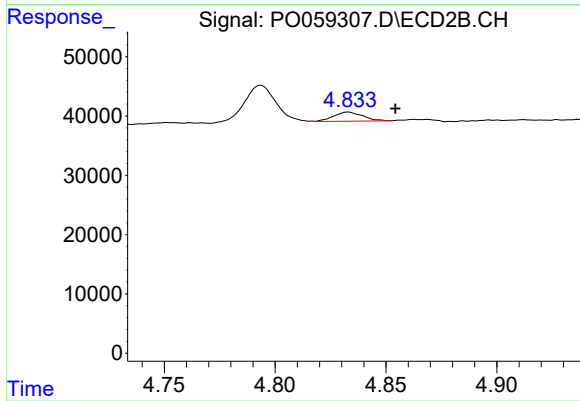
#13 AR-1232-3

R.T.: 4.794 min
Delta R.T.: 0.021 min
Response: 60198
Conc: 136.88 ng/ml



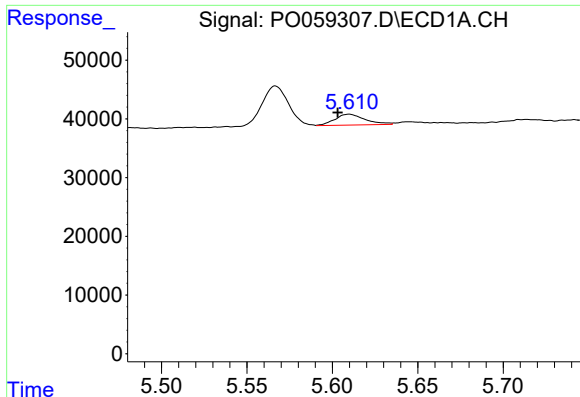
#14 AR-1232-4

R.T.: 5.567 min
Delta R.T.: 0.051 min
Response: 76623
Conc: 143.73 ng/ml



#14 AR-1232-4

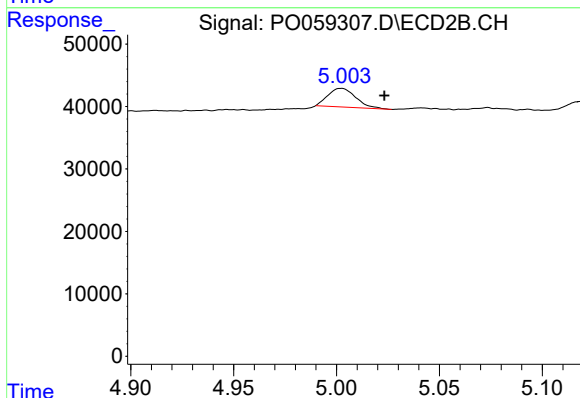
R.T.: 4.833 min
Delta R.T.: -0.021 min
Response: 14116
Conc: 35.71 ng/ml



#15 AR-1232-5

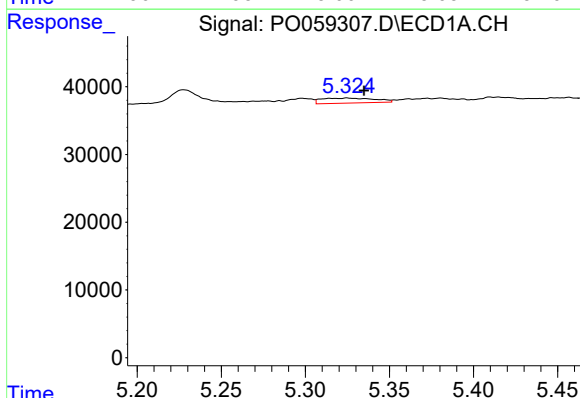
R.T.: 5.610 min
Delta R.T.: 0.007 min
Response: 23018
Conc: 56.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



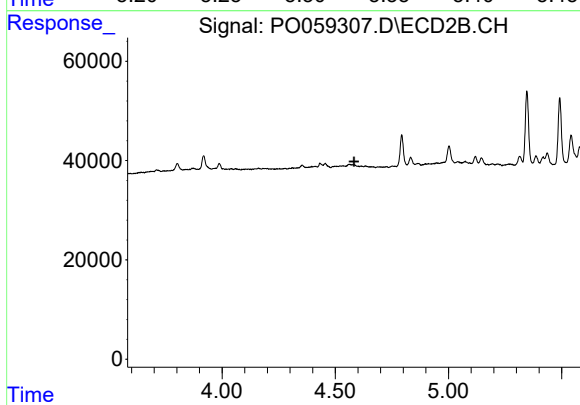
#15 AR-1232-5

R.T.: 5.002 min
Delta R.T.: -0.021 min
Response: 28294
Conc: 64.27 ng/ml



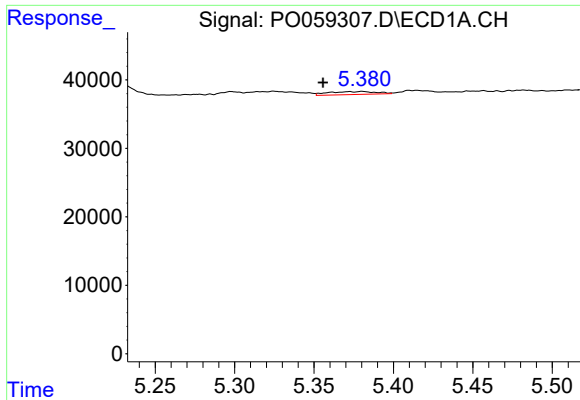
#16 AR-1242-1

R.T.: 5.325 min
Delta R.T.: -0.010 min
Response: 16205
Conc: 12.65 ng/ml



#16 AR-1242-1

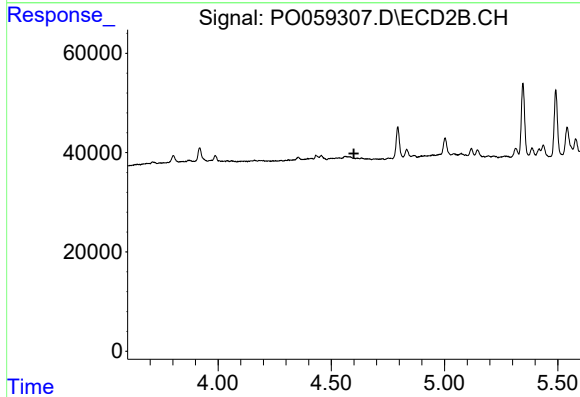
R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



#17 AR-1242-2

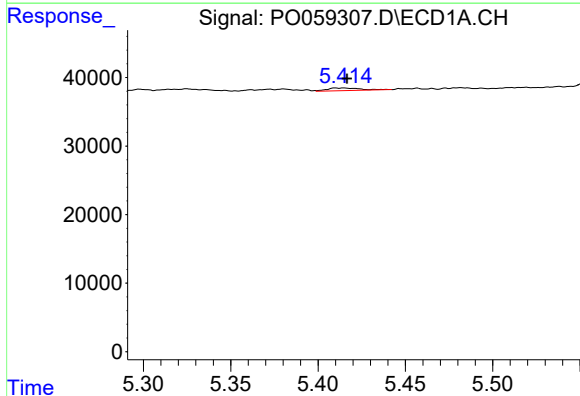
R.T.: 5.380 min
Delta R.T.: 0.025 min
Response: 9134
Conc: 4.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



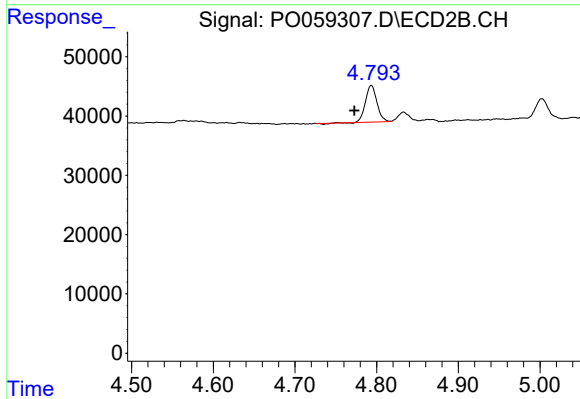
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



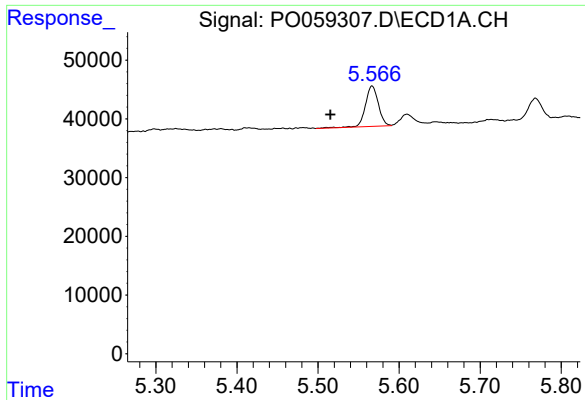
#18 AR-1242-3

R.T.: 5.415 min
Delta R.T.: -0.002 min
Response: 4901
Conc: 4.18 ng/ml



#18 AR-1242-3

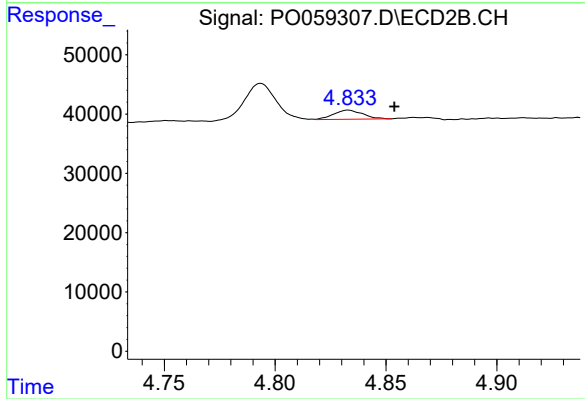
R.T.: 4.794 min
Delta R.T.: 0.021 min
Response: 60198
Conc: 73.92 ng/ml



#19 AR-1242-4

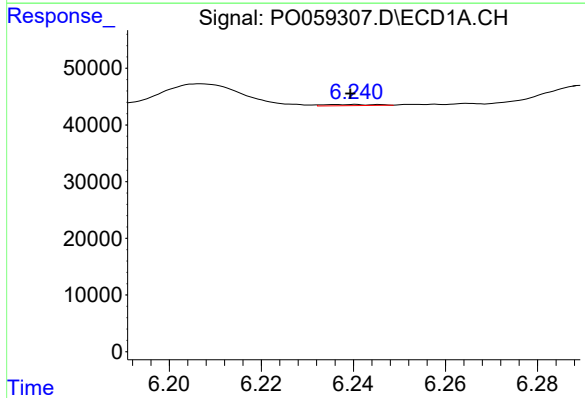
R.T.: 5.567 min
Delta R.T.: 0.052 min
Response: 76623
Conc: 79.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



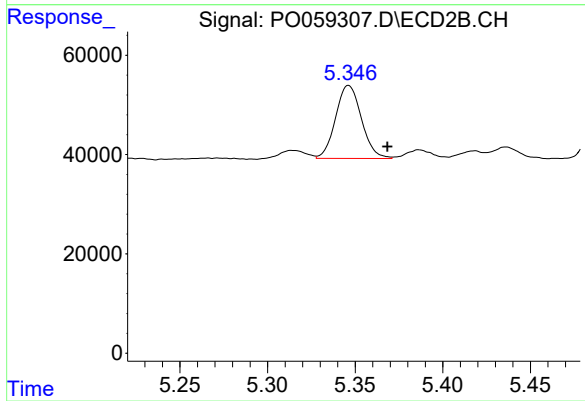
#19 AR-1242-4

R.T.: 4.833 min
Delta R.T.: -0.021 min
Response: 14116
Conc: 17.45 ng/ml



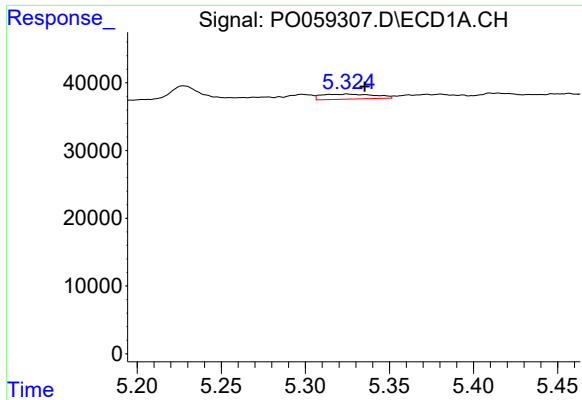
#20 AR-1242-5

R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 1436
Conc: 1.22 ng/ml



#20 AR-1242-5

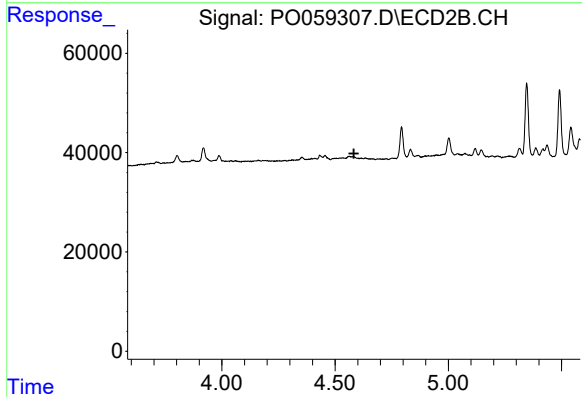
R.T.: 5.346 min
Delta R.T.: -0.022 min
Response: 151054
Conc: 140.82 ng/ml



#21 AR-1248-1

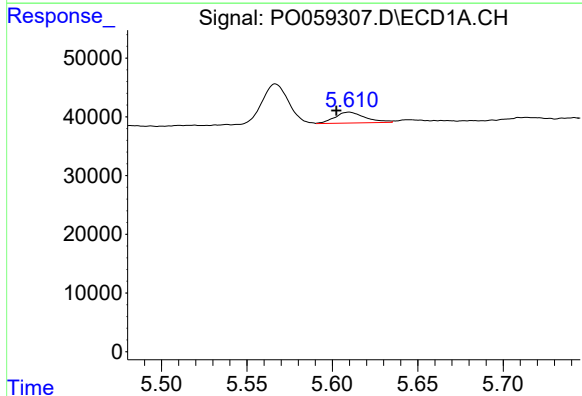
R.T.: 5.325 min
Delta R.T.: -0.010 min
Response: 16205
Conc: 16.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



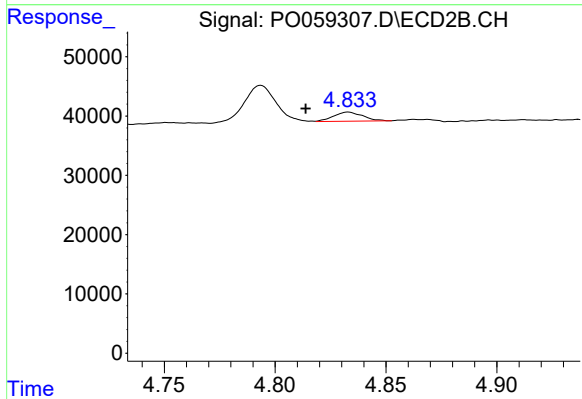
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



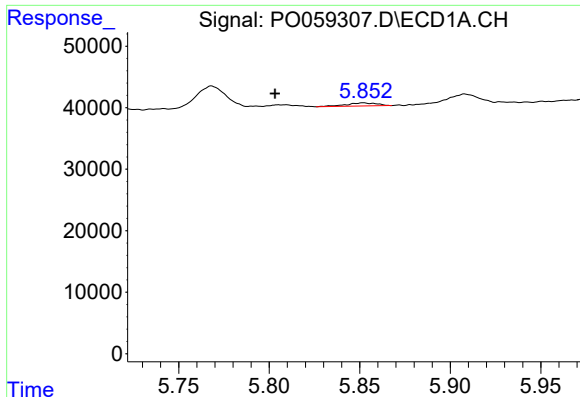
#22 AR-1248-2

R.T.: 5.610 min
Delta R.T.: 0.007 min
Response: 23018
Conc: 15.92 ng/ml



#22 AR-1248-2

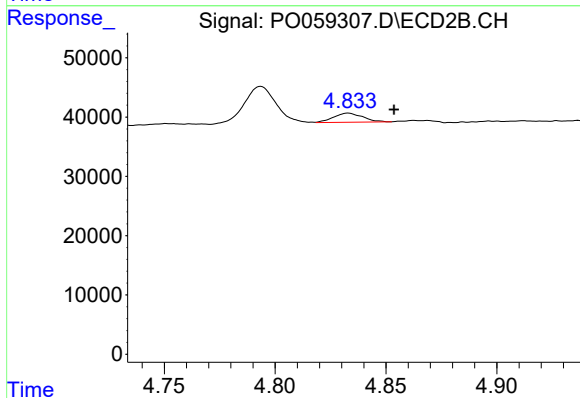
R.T.: 4.833 min
Delta R.T.: 0.019 min
Response: 14116
Conc: 12.74 ng/ml



#23 AR-1248-3

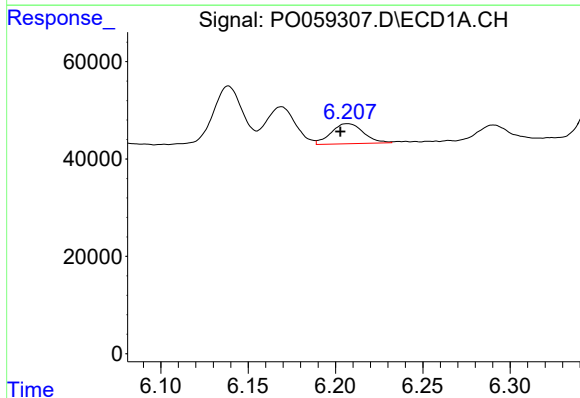
R.T.: 5.852 min
Delta R.T.: 0.049 min
Response: 5911
Conc: 3.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



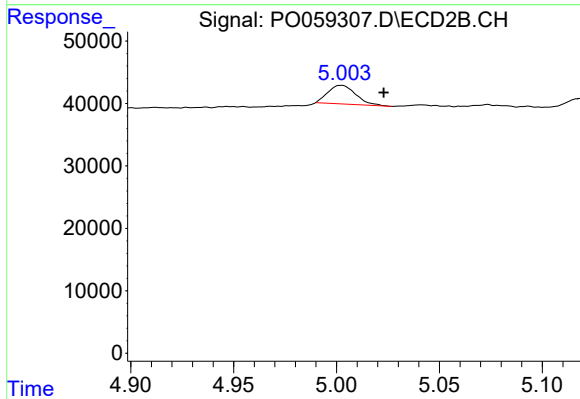
#23 AR-1248-3

R.T.: 4.833 min
Delta R.T.: -0.021 min
Response: 14116
Conc: 12.40 ng/ml



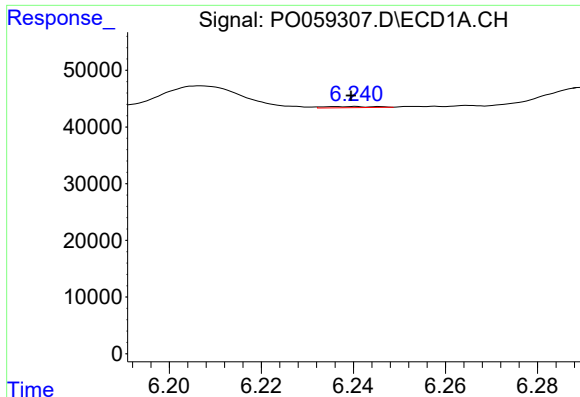
#24 AR-1248-4

R.T.: 6.207 min
Delta R.T.: 0.004 min
Response: 53134
Conc: 26.24 ng/ml



#24 AR-1248-4

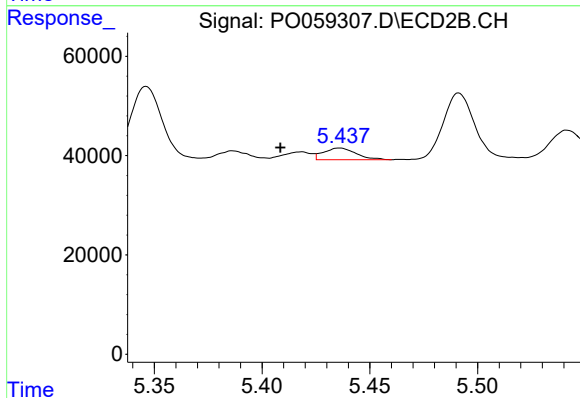
R.T.: 5.002 min
Delta R.T.: -0.021 min
Response: 28294
Conc: 20.25 ng/ml



#25 AR-1248-5

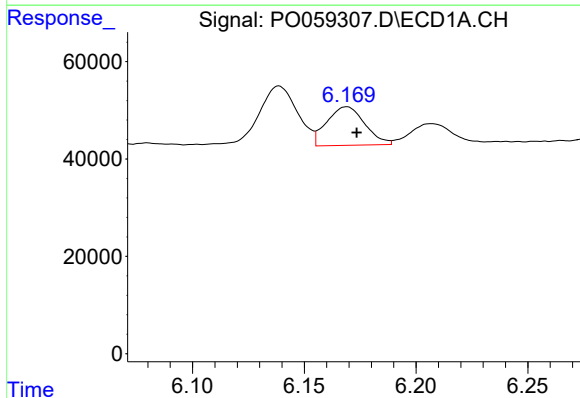
R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 1436
Conc: 0.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



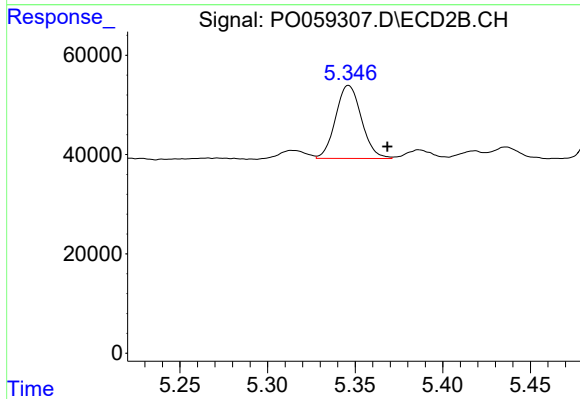
#25 AR-1248-5

R.T.: 5.436 min
Delta R.T.: 0.028 min
Response: 24560
Conc: 17.73 ng/ml



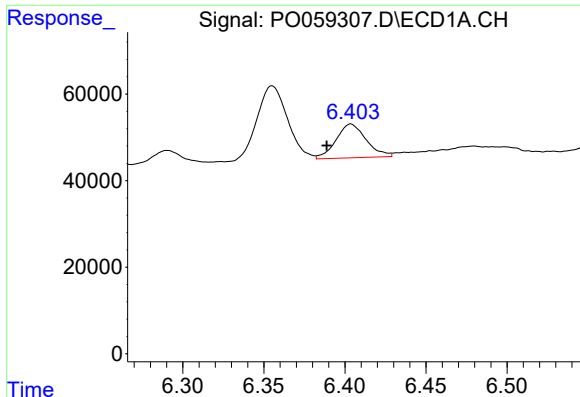
#26 AR-1254-1

R.T.: 6.169 min
Delta R.T.: -0.005 min
Response: 93877
Conc: 39.76 ng/ml



#26 AR-1254-1

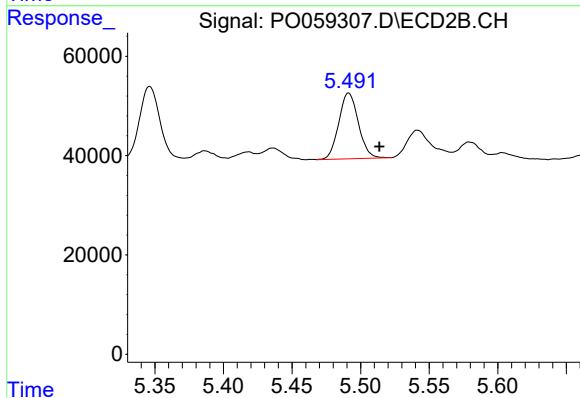
R.T.: 5.346 min
Delta R.T.: -0.022 min
Response: 151054
Conc: 58.31 ng/ml



#27 AR-1254-2

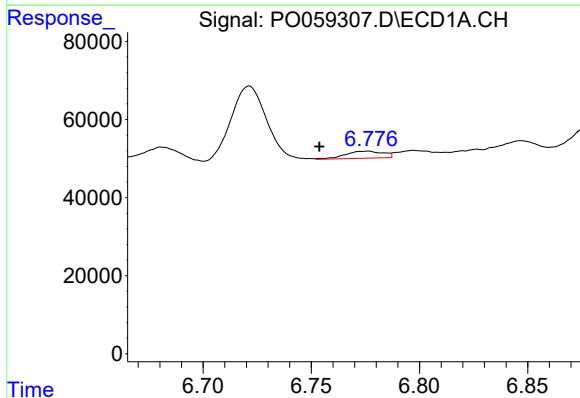
R.T.: 6.404 min
Delta R.T.: 0.015 min
Response: 100757
Conc: 26.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



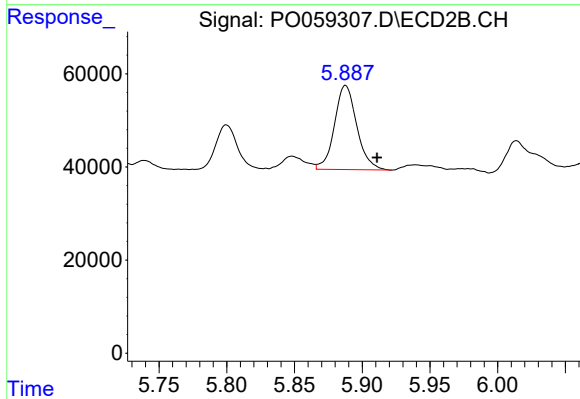
#27 AR-1254-2

R.T.: 5.491 min
Delta R.T.: -0.022 min
Response: 131648
Conc: 57.50 ng/ml



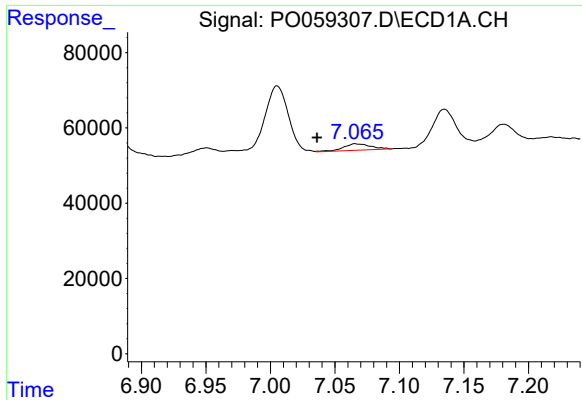
#28 AR-1254-3

R.T.: 6.776 min
Delta R.T.: 0.022 min
Response: 22198
Conc: 5.48 ng/ml



#28 AR-1254-3

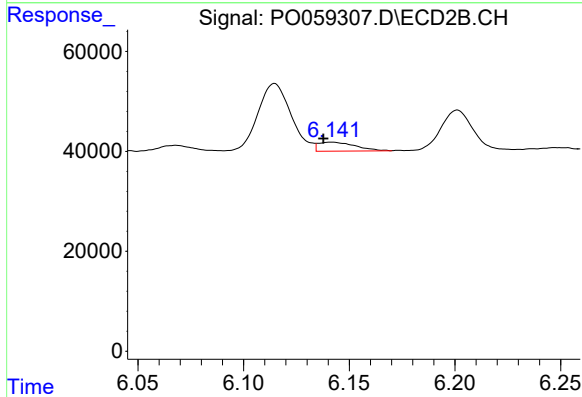
R.T.: 5.888 min
Delta R.T.: -0.023 min
Response: 207647
Conc: 56.44 ng/ml



#29 AR-1254-4

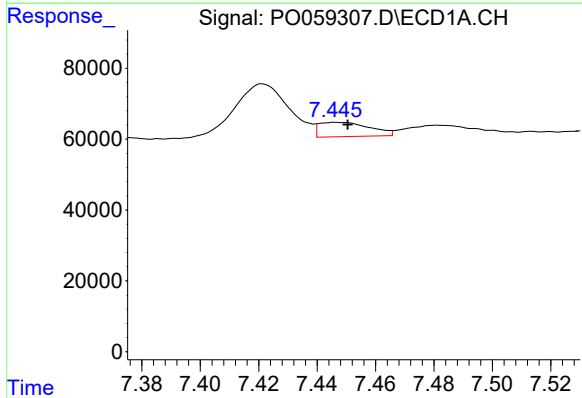
R.T.: 7.066 min
Delta R.T.: 0.030 min
Response: 25721
Conc: 7.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



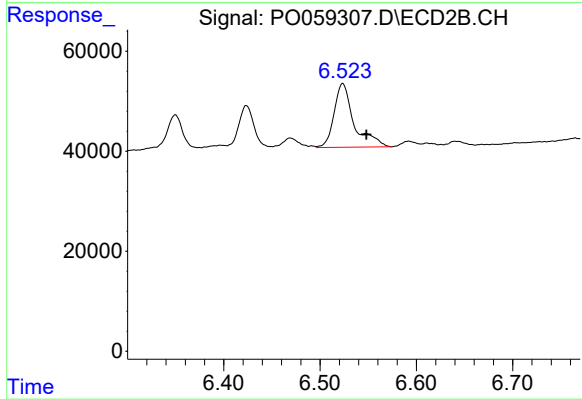
#29 AR-1254-4

R.T.: 6.142 min
Delta R.T.: 0.004 min
Response: 21881
Conc: 9.41 ng/ml



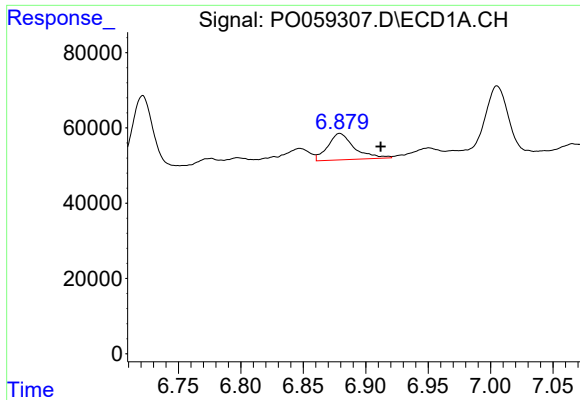
#30 AR-1254-5

R.T.: 7.447 min
Delta R.T.: -0.004 min
Response: 48783
Conc: 13.46 ng/ml



#30 AR-1254-5

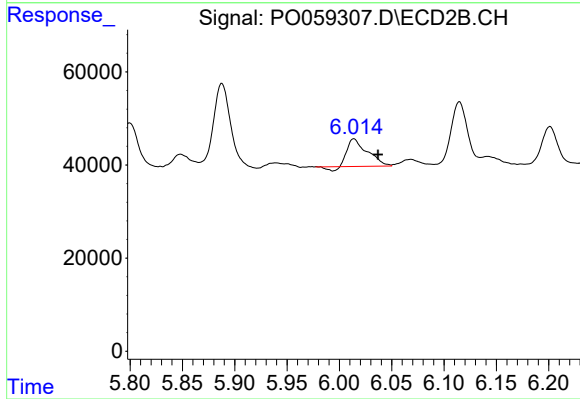
R.T.: 6.524 min
Delta R.T.: -0.024 min
Response: 184087
Conc: 53.37 ng/ml



#31 AR-1260-1

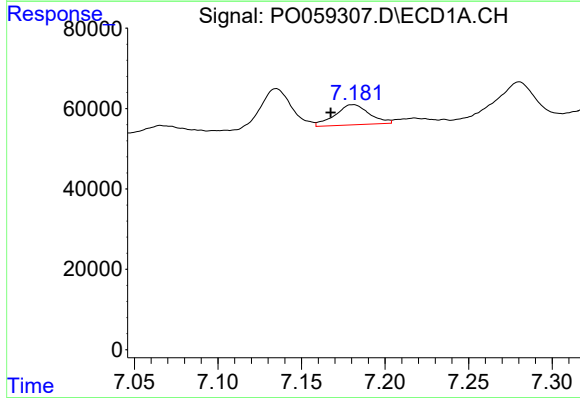
R.T.: 6.879 min
Delta R.T.: -0.033 min
Response: 103811
Conc: 36.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



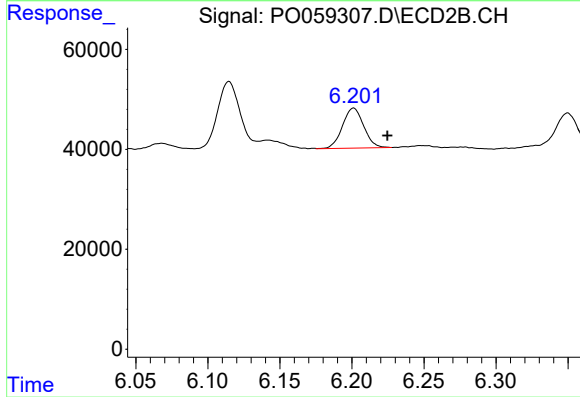
#31 AR-1260-1

R.T.: 6.014 min
Delta R.T.: -0.023 min
Response: 75454
Conc: 31.70 ng/ml



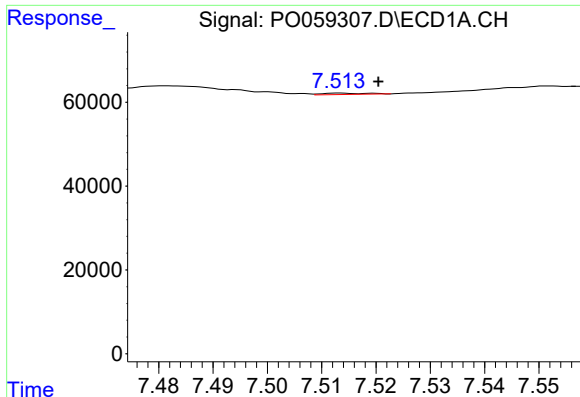
#32 AR-1260-2

R.T.: 7.181 min
Delta R.T.: 0.013 min
Response: 71529
Conc: 17.19 ng/ml



#32 AR-1260-2

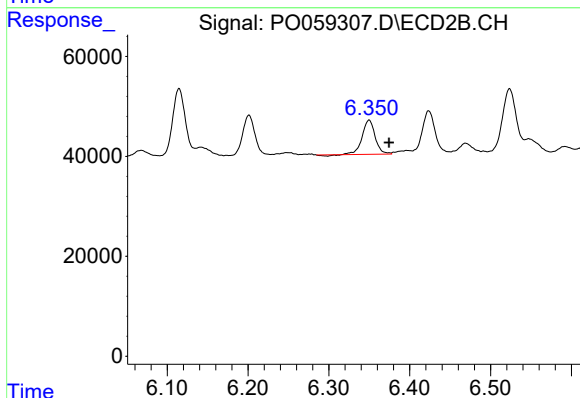
R.T.: 6.201 min
Delta R.T.: -0.023 min
Response: 82287
Conc: 27.16 ng/ml



#33 AR-1260-3

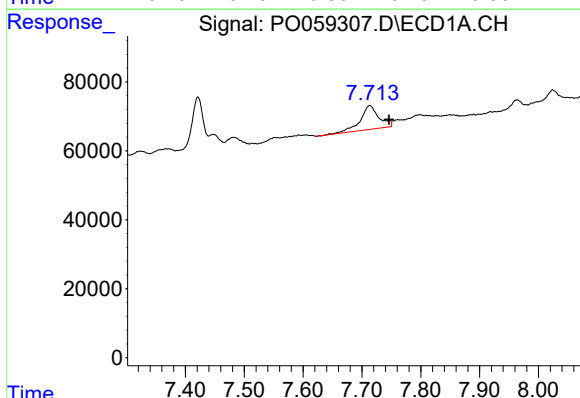
R.T.: 7.513 min
Delta R.T.: -0.007 min
Response: 1878
Conc: 0.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



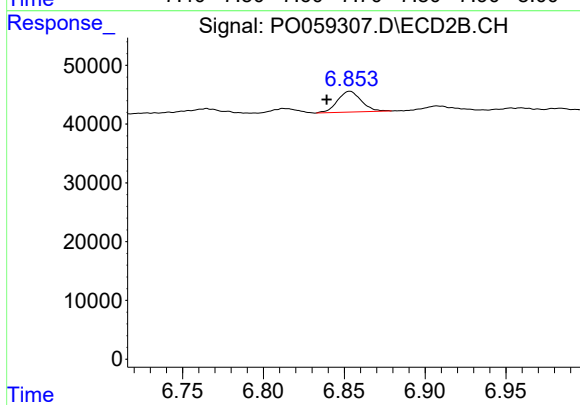
#33 AR-1260-3

R.T.: 6.350 min
Delta R.T.: -0.025 min
Response: 75612
Conc: 28.01 ng/ml



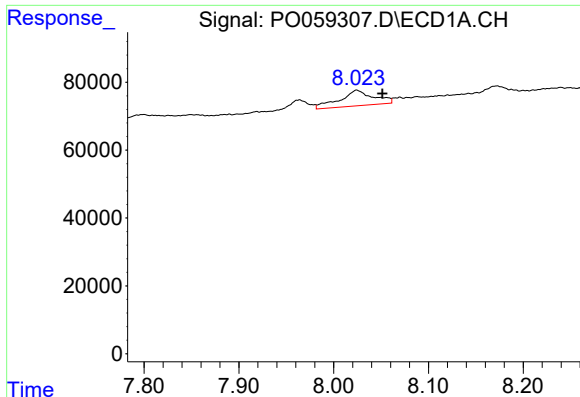
#34 AR-1260-4

R.T.: 7.714 min
Delta R.T.: -0.033 min
Response: 154421
Conc: 45.31 ng/ml



#34 AR-1260-4

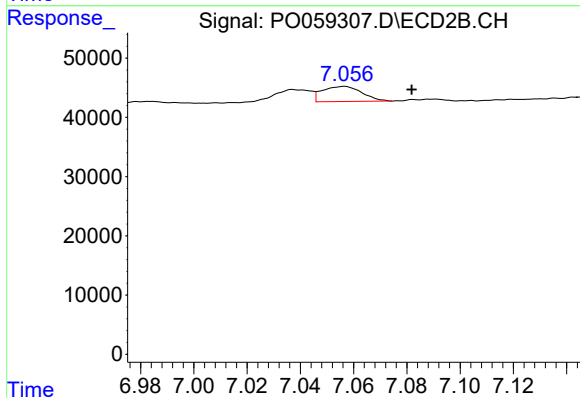
R.T.: 6.853 min
Delta R.T.: 0.014 min
Response: 36295
Conc: 16.06 ng/ml



#35 AR-1260-5

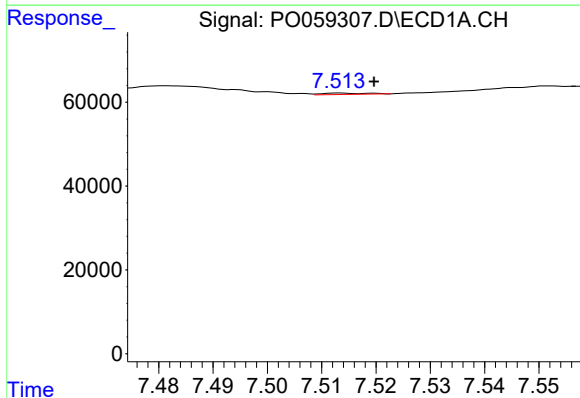
R.T.: 8.024 min
Delta R.T.: -0.027 min
Response: 114090
Conc: 15.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



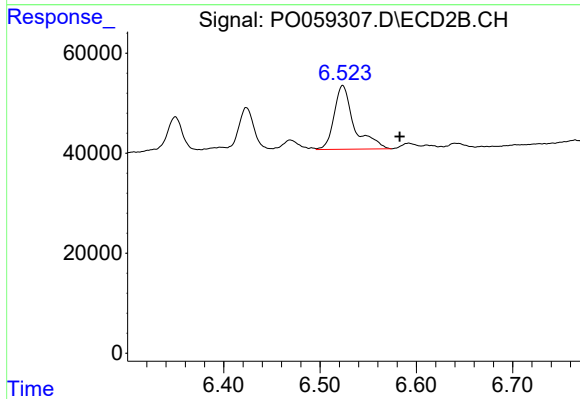
#35 AR-1260-5

R.T.: 7.056 min
Delta R.T.: -0.025 min
Response: 26553
Conc: 4.93 ng/ml



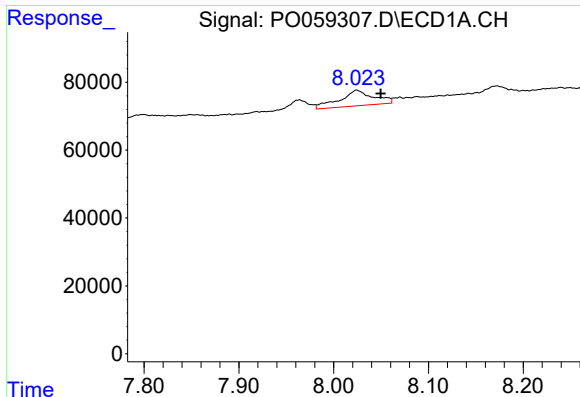
#36 AR-1262-1

R.T.: 7.513 min
Delta R.T.: -0.006 min
Response: 1878
Conc: 0.37 ng/ml



#36 AR-1262-1

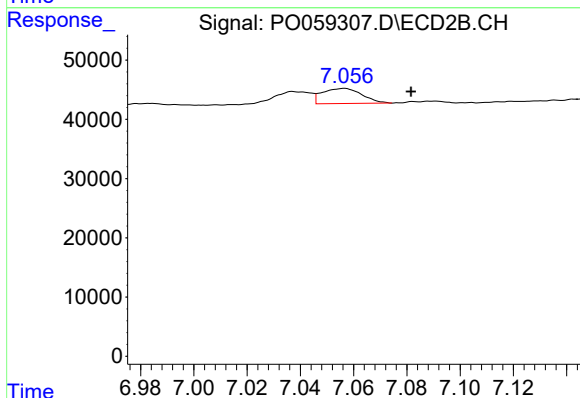
R.T.: 6.524 min
Delta R.T.: -0.059 min
Response: 184087
Conc: 51.54 ng/ml



#37 AR-1262-2

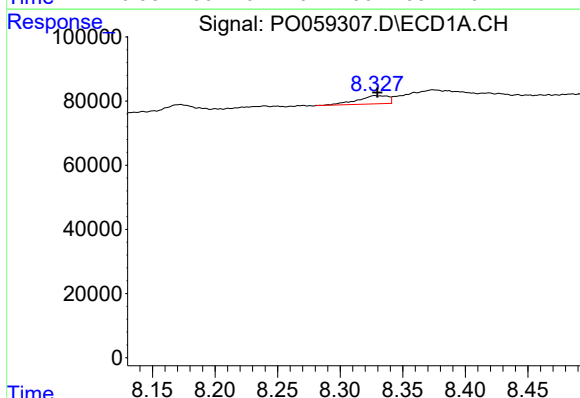
R.T.: 8.024 min
Delta R.T.: -0.025 min
Response: 114090
Conc: 14.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



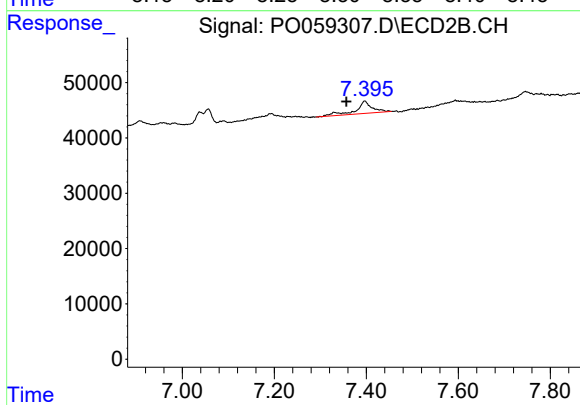
#37 AR-1262-2

R.T.: 7.056 min
Delta R.T.: -0.025 min
Response: 26553
Conc: 4.70 ng/ml



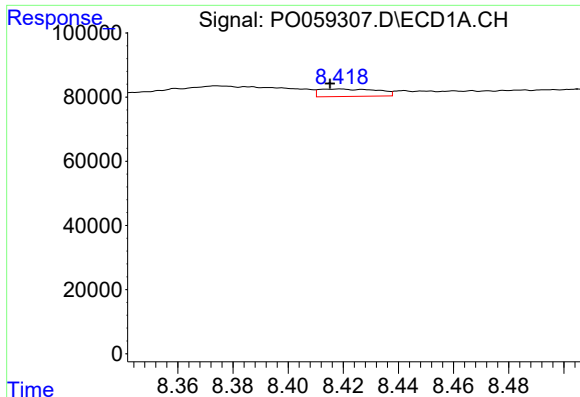
#38 AR-1262-3

R.T.: 8.328 min
Delta R.T.: -0.002 min
Response: 43752
Conc: 8.61 ng/ml



#38 AR-1262-3

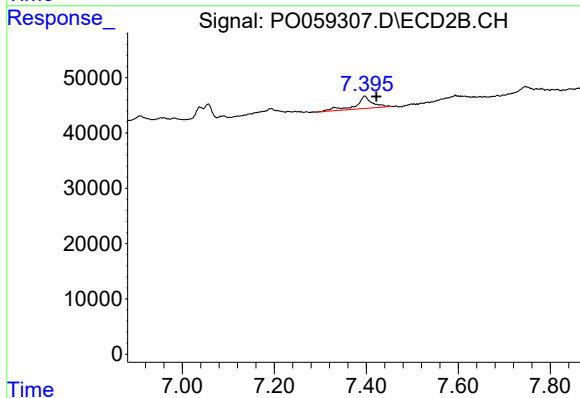
R.T.: 7.397 min
Delta R.T.: 0.040 min
Response: 54921
Conc: 22.25 ng/ml



#39 AR-1262-4

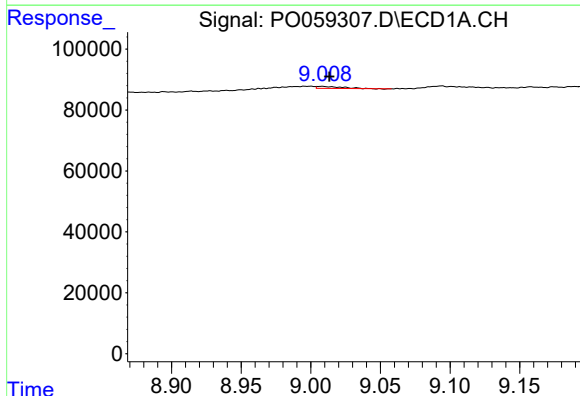
R.T.: 8.419 min
Delta R.T.: 0.004 min
Response: 34040
Conc: 8.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



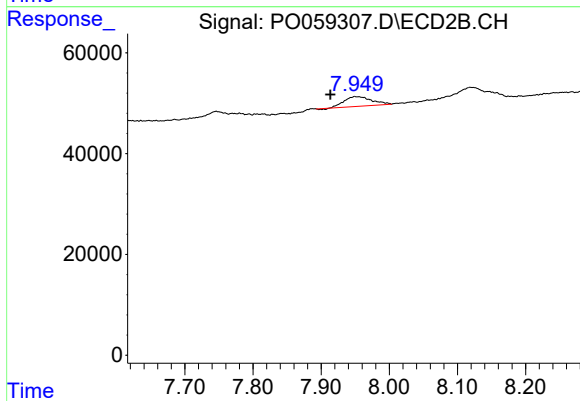
#39 AR-1262-4

R.T.: 7.397 min
Delta R.T.: -0.026 min
Response: 54921
Conc: 12.93 ng/ml



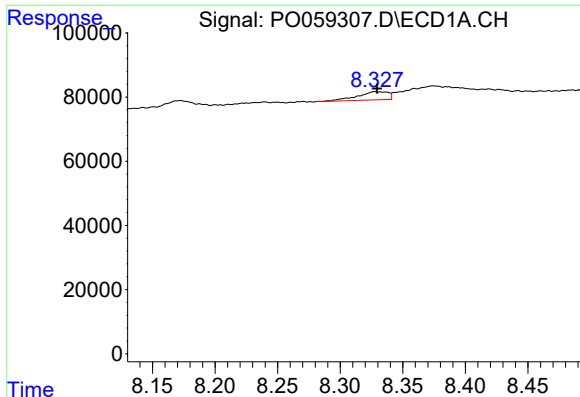
#40 AR-1262-5

R.T.: 9.008 min
Delta R.T.: -0.006 min
Response: 8468
Conc: 3.69 ng/ml



#40 AR-1262-5

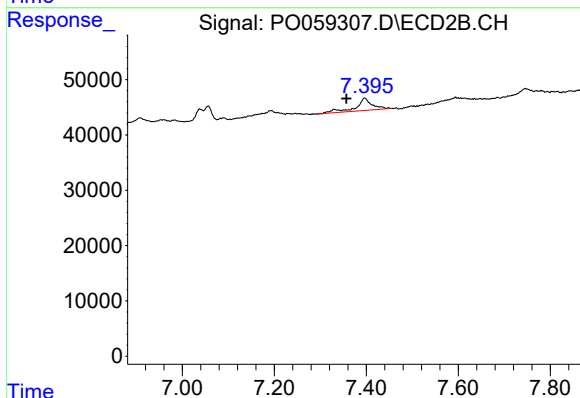
R.T.: 7.949 min
Delta R.T.: 0.036 min
Response: 54493
Conc: 32.05 ng/ml



#41 AR-1268-1

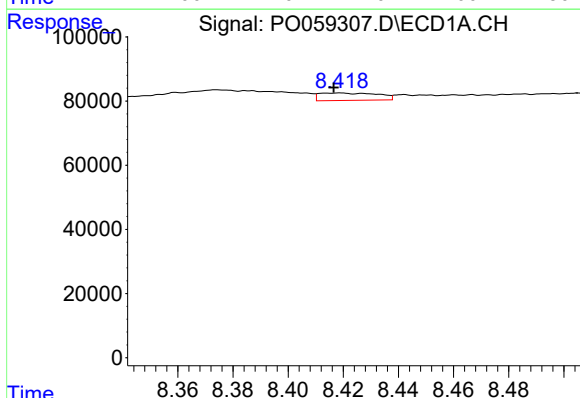
R.T.: 8.328 min
Delta R.T.: -0.002 min
Response: 43752
Conc: 3.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



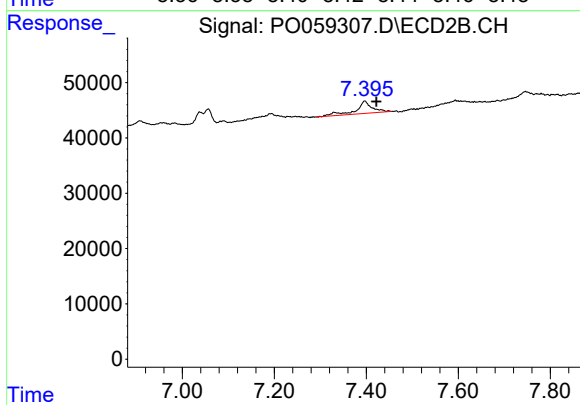
#41 AR-1268-1

R.T.: 7.397 min
Delta R.T.: 0.040 min
Response: 54921
Conc: 6.74 ng/ml



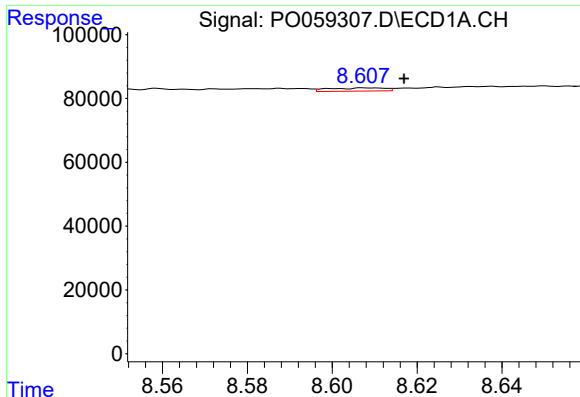
#42 AR-1268-2

R.T.: 8.419 min
Delta R.T.: 0.002 min
Response: 34040
Conc: 3.62 ng/ml



#42 AR-1268-2

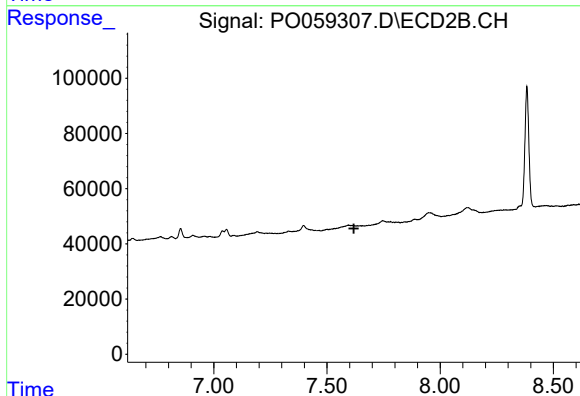
R.T.: 7.397 min
Delta R.T.: -0.026 min
Response: 54921
Conc: 7.25 ng/ml



#43 AR-1268-3

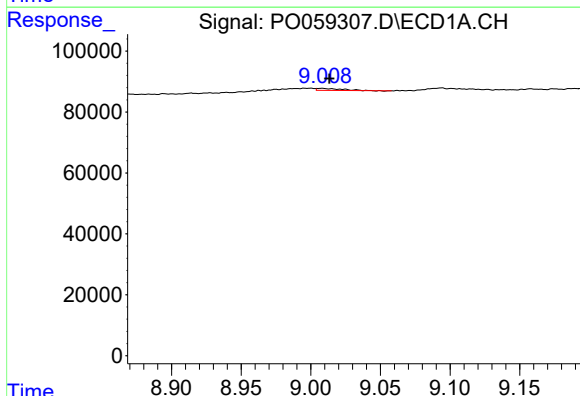
R.T.: 8.608 min
Delta R.T.: -0.009 min
Response: 9274
Conc: 1.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



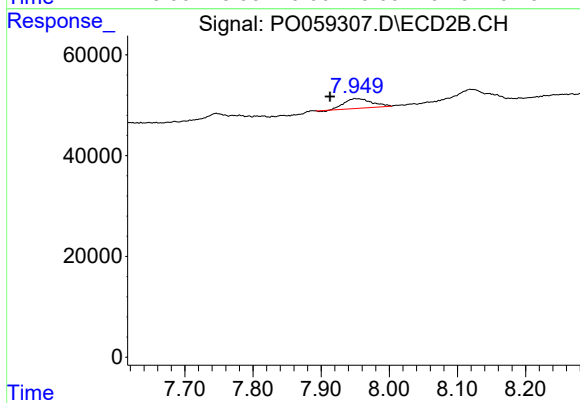
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.619 min
Response: 0
Conc: N.D.



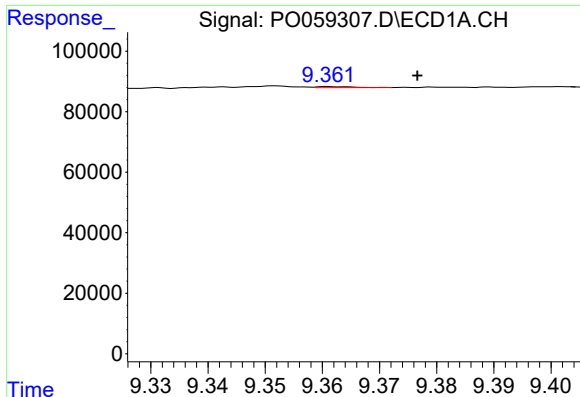
#44 AR-1268-4

R.T.: 9.008 min
Delta R.T.: -0.006 min
Response: 8468
Conc: 2.83 ng/ml



#44 AR-1268-4

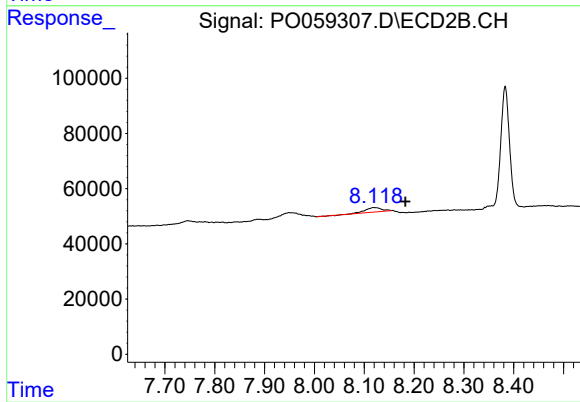
R.T.: 7.949 min
Delta R.T.: 0.036 min
Response: 54493
Conc: 23.48 ng/ml



#45 AR-1268-5

R.T.: 9.362 min
Delta R.T.: -0.015 min
Response: 1623
Conc: 0.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.119 min
Delta R.T.: -0.064 min
Response: 38880
Conc: 2.27 ng/ml