

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030922\
 Data File : P0085228.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Mar 2022 3:01
 Operator : YP\AJ
 Sample : N1645-07
 Misc : AR1268 LOD 40 PPB
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 04:23:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0030822.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 09 04:29:31 2022
 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...	4.499	3.590	3572370	1133793	20.805	24.847
2)	SA Decachlor...	10.412	8.609	1802778	1131387	27.530	29.717
Target Compounds							
3)	L1 AR-1016-1	5.709	4.693	2069	7111	0.454	4.247 #
4)	L1 AR-1016-2	5.709	4.693	2069	7111	0.307	2.937 #
5)	L1 AR-1016-3	5.762	4.928f	17079	4540	4.230	3.316
6)	L1 AR-1016-4	5.877	4.928	3282	4540	0.979	3.953 #
7)	L1 AR-1016-5	6.178	0.000	1808	0	0.586	N.D. #
8)	L2 AR-1221-1	4.710	0.000	90637	0	49.051	N.D. #
9)	L2 AR-1221-2	4.811	3.889	60702	22250	45.634	52.334
10)	L2 AR-1221-3	4.875	0.000	20527	0	5.262	N.D. #
11)	L3 AR-1232-1	4.875	0.000	20527	0	7.270	N.D. #
12)	L3 AR-1232-2	5.408	4.693	12645	7111	7.849	6.793
13)	L3 AR-1232-3	5.709	4.928f	2069	4540	0.731	7.973 #
14)	L3 AR-1232-4	5.877	4.928	3282	4540	2.406	8.596 #
15)	L3 AR-1232-5	5.986	0.000	1659	0	1.613	N.D. #
16)	L4 AR-1242-1	5.709	4.693	2069	7111	0.607	5.680 #
17)	L4 AR-1242-2	5.709	4.693	2069	7111	0.413	3.959 #
18)	L4 AR-1242-3	5.762	4.928f	17079	4540	5.625	4.601
19)	L4 AR-1242-4	5.877	4.928	3282	4540	1.393	4.439 #
20)	L4 AR-1242-5	6.622	0.000	644	0	0.341	N.D. #
21)	L5 AR-1248-1	5.709	4.693	2069	7111	0.778	6.967 #
22)	L5 AR-1248-2	5.986	4.928	1659	4540	0.500	3.133 #
23)	L5 AR-1248-3	6.178	4.928	1808	4540	0.527	3.069 #
24)	L5 AR-1248-4	6.584	0.000	3600	0	1.085	N.D. #
25)	L5 AR-1248-5	6.622	0.000	644	0	0.204	N.D. #
26)	L6 AR-1254-1	6.562	0.000	3257	0	0.953	N.D. #
27)	L6 AR-1254-2	6.781	0.000	3651	0	0.718	N.D. #
28)	L6 AR-1254-3	7.149	0.000	16020	0	3.181	N.D. #
29)	L6 AR-1254-4	7.444	0.000	14303	0	3.911	N.D. #
30)	L6 AR-1254-5	7.864	6.723f	17562	43974	4.487	13.089 #
31)	L7 AR-1260-1	7.314	0.000	8711	0	2.141	N.D. #
32)	L7 AR-1260-2	7.593	6.353	66945	5490	13.965	1.756 #
33)	L7 AR-1260-3	7.942	6.497	112628	13942	34.657	4.502 #
34)	L7 AR-1260-4	8.194	6.980	164211	58950	42.963	26.757 #
35)	L7 AR-1260-5	8.505	7.226	56355	22077	8.186	4.434 #
36)	L8 AR-1262-1	7.942	6.723f	112628	43974	24.720	25.598
37)	L8 AR-1262-2	8.505	6.980	56355	58950	6.865	20.469 #
38)	L8 AR-1262-3	8.828	7.511	267337	220098	49.977	97.405 #
39)	L8 AR-1262-4	8.927	7.576	248390	191678	99.861	46.594 #
40)	L8 AR-1262-5	9.612	8.071	92576	69992	33.457	37.581
41)	L9 AR-1268-1	8.828	7.511	267337	220098	28.521	33.552

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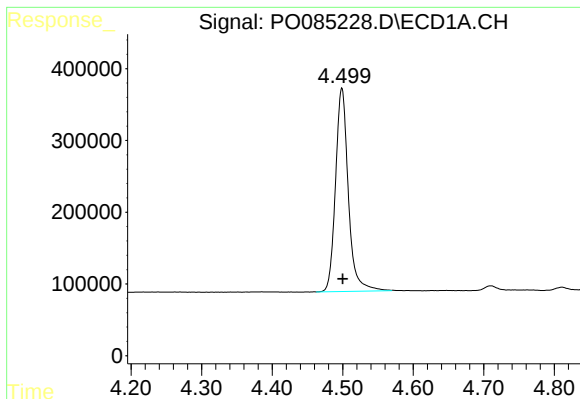
Integration File signal 1: autoint1.e
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

42) L9	AR-1268-2	8.927	7.576	248390	191678	29.267	32.768
43) L9	AR-1268-3	9.167	7.783	211887	171859	29.547	34.659
44) L9	AR-1268-4	9.612	8.071	92576	69992	30.245	32.981
45) L9	AR-1268-5	10.053	8.358	690000	474195	28.936	33.039

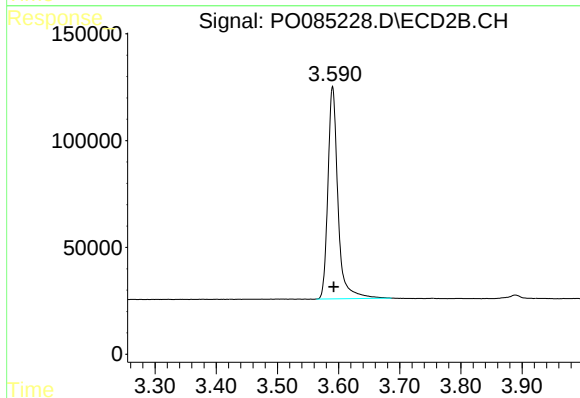
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

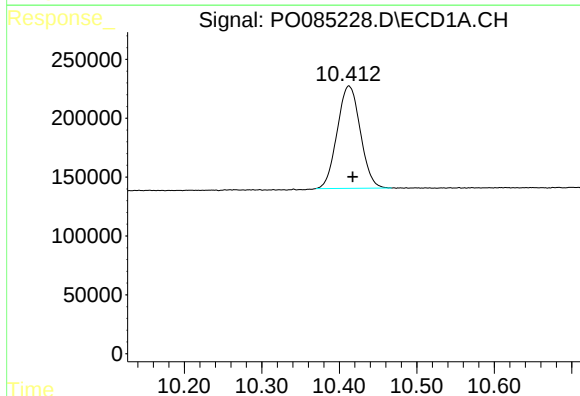
R.T.: 4.499 min
Delta R.T.: -0.001 min
Response: 3572370
Conc: 20.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



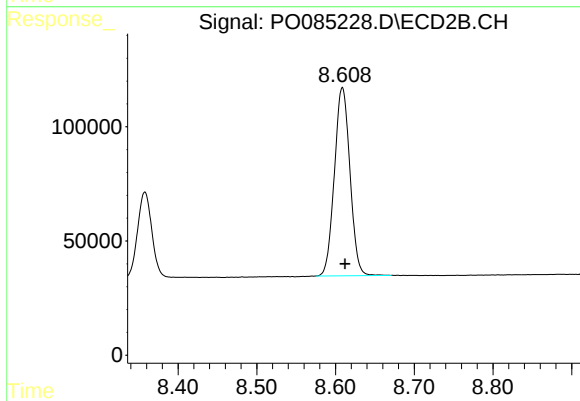
#1 Tetrachloro-m-xylene

R.T.: 3.590 min
Delta R.T.: -0.002 min
Response: 1133793
Conc: 24.85 ng/ml



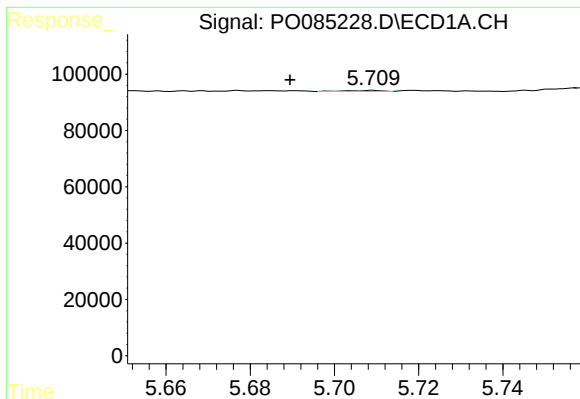
#2 Decachlorobiphenyl

R.T.: 10.412 min
Delta R.T.: -0.005 min
Response: 1802778
Conc: 27.53 ng/ml



#2 Decachlorobiphenyl

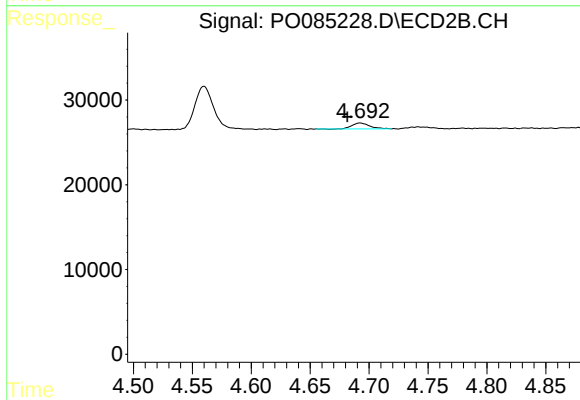
R.T.: 8.609 min
Delta R.T.: -0.003 min
Response: 1131387
Conc: 29.72 ng/ml



#3 AR-1016-1

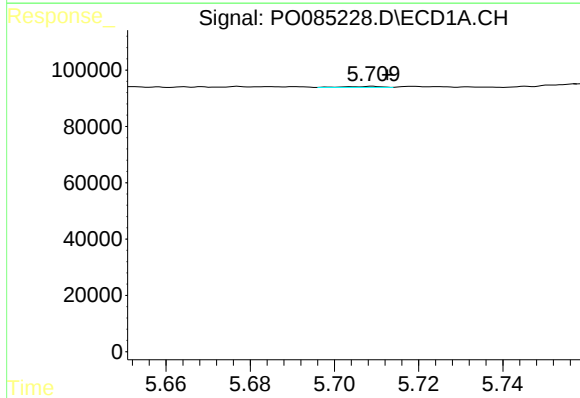
R.T.: 5.709 min
Delta R.T.: 0.020 min
Response: 2069
Conc: 0.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



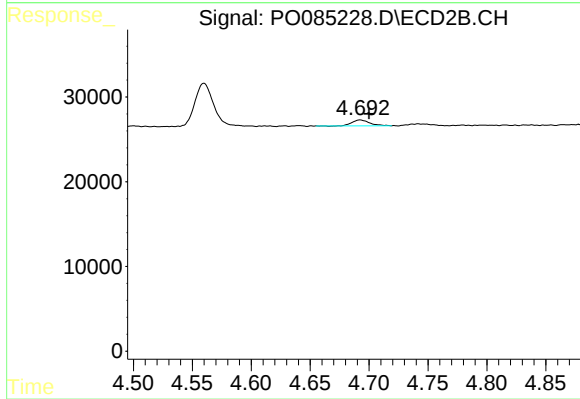
#3 AR-1016-1

R.T.: 4.693 min
Delta R.T.: 0.011 min
Response: 7111
Conc: 4.25 ng/ml



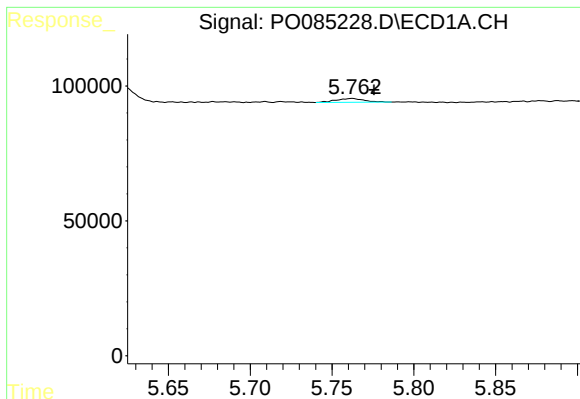
#4 AR-1016-2

R.T.: 5.709 min
Delta R.T.: -0.003 min
Response: 2069
Conc: 0.31 ng/ml



#4 AR-1016-2

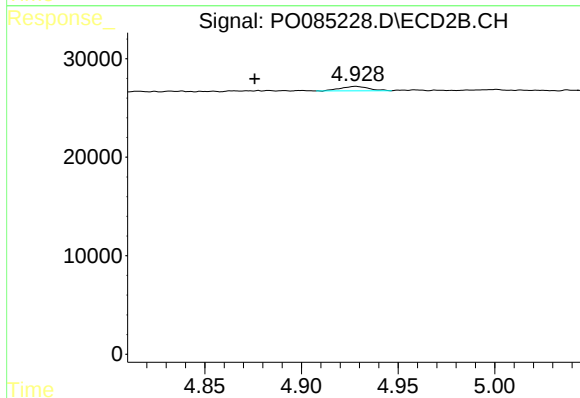
R.T.: 4.693 min
Delta R.T.: -0.007 min
Response: 7111
Conc: 2.94 ng/ml



#5 AR-1016-3

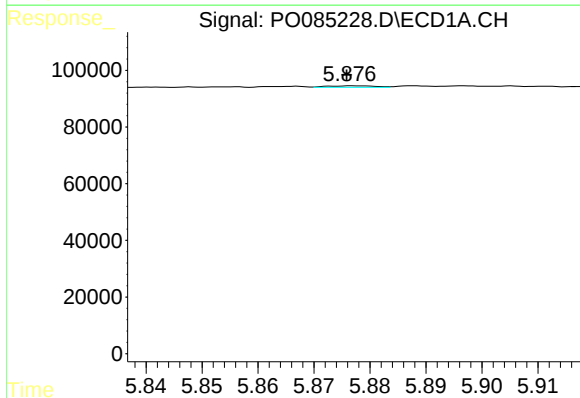
R.T.: 5.762 min
Delta R.T.: -0.013 min
Response: 17079
Conc: 4.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



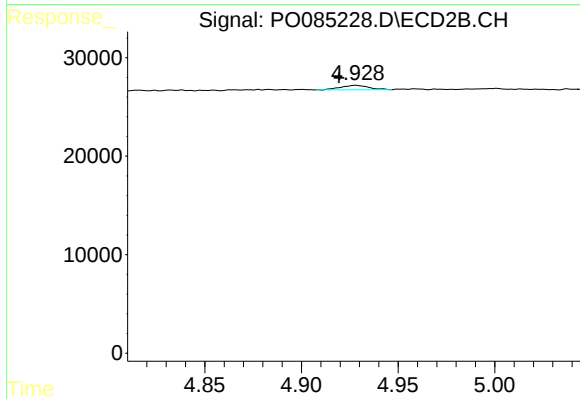
#5 AR-1016-3

R.T.: 4.928 min
Delta R.T.: 0.052 min
Response: 4540
Conc: 3.32 ng/ml



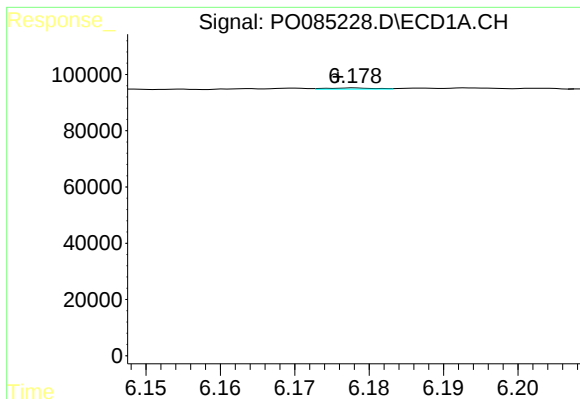
#6 AR-1016-4

R.T.: 5.877 min
Delta R.T.: 0.001 min
Response: 3282
Conc: 0.98 ng/ml



#6 AR-1016-4

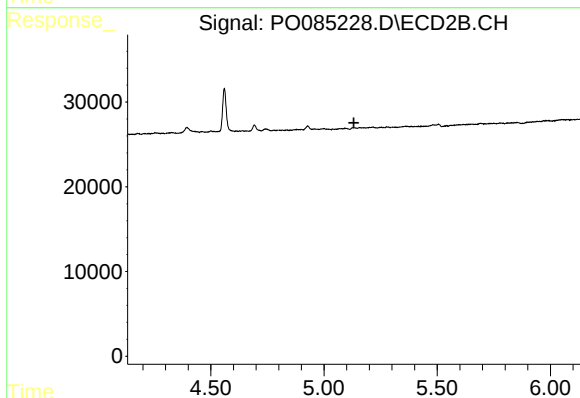
R.T.: 4.928 min
Delta R.T.: 0.009 min
Response: 4540
Conc: 3.95 ng/ml



#7 AR-1016-5

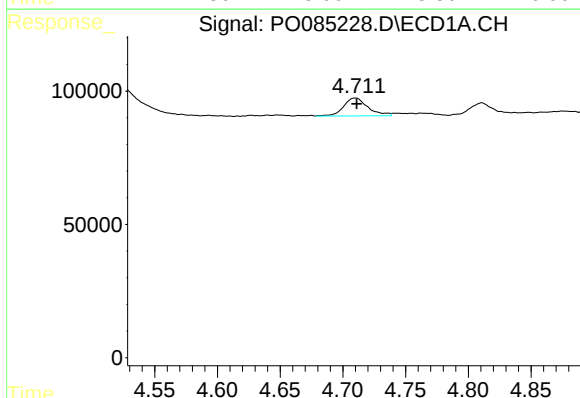
R.T.: 6.178 min
Delta R.T.: 0.002 min
Response: 1808
Conc: 0.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



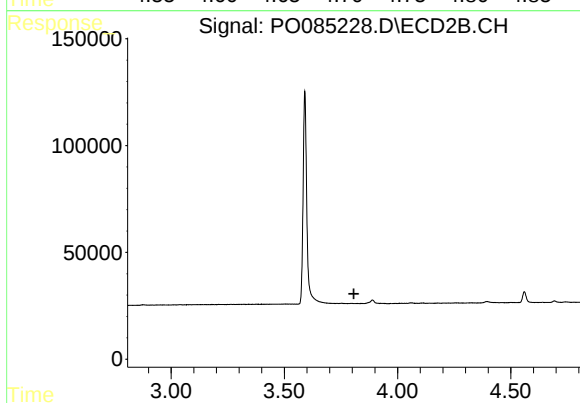
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.132 min
Response: 0
Conc: N.D.



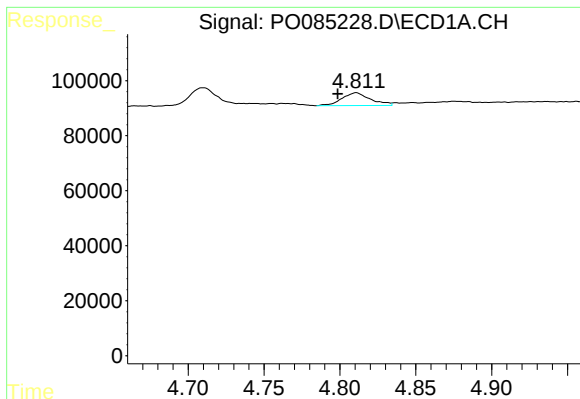
#8 AR-1221-1

R.T.: 4.710 min
Delta R.T.: -0.001 min
Response: 90637
Conc: 49.05 ng/ml



#8 AR-1221-1

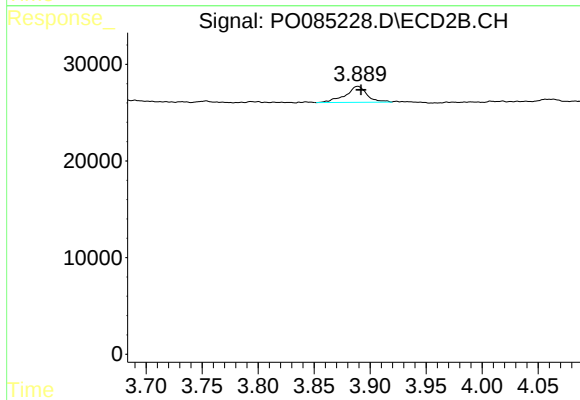
R.T.: 0.000 min
Exp R.T. : 3.807 min
Response: 0
Conc: N.D.



#9 AR-1221-2

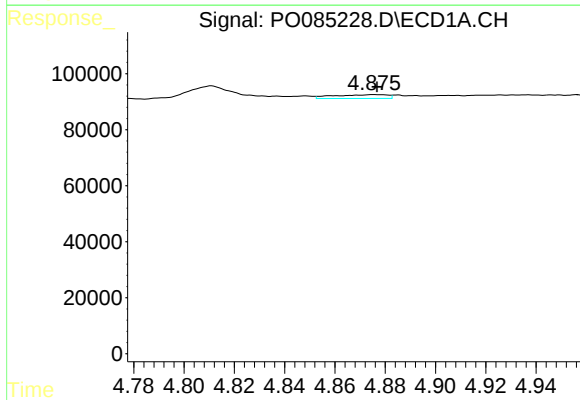
R.T.: 4.811 min
Delta R.T.: 0.012 min
Response: 60702
Conc: 45.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



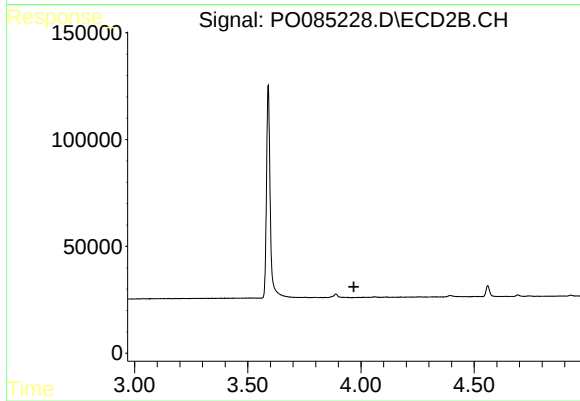
#9 AR-1221-2

R.T.: 3.889 min
Delta R.T.: -0.003 min
Response: 22250
Conc: 52.33 ng/ml



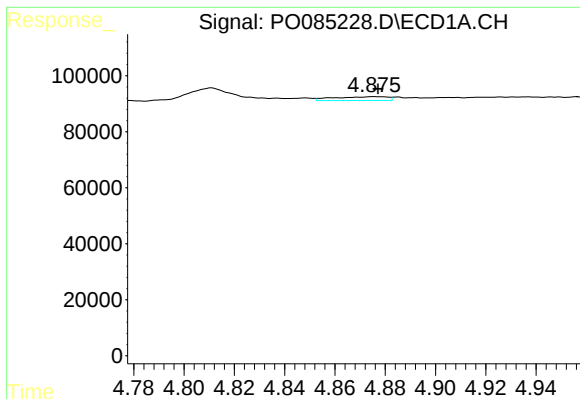
#10 AR-1221-3

R.T.: 4.875 min
Delta R.T.: -0.002 min
Response: 20527
Conc: 5.26 ng/ml



#10 AR-1221-3

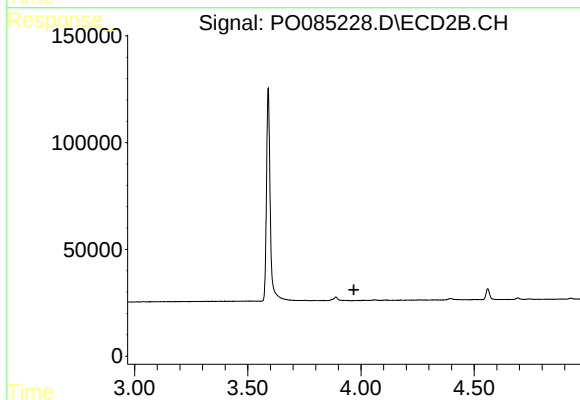
R.T.: 0.000 min
Exp R.T. : 3.968 min
Response: 0
Conc: N.D.



#11 AR-1232-1

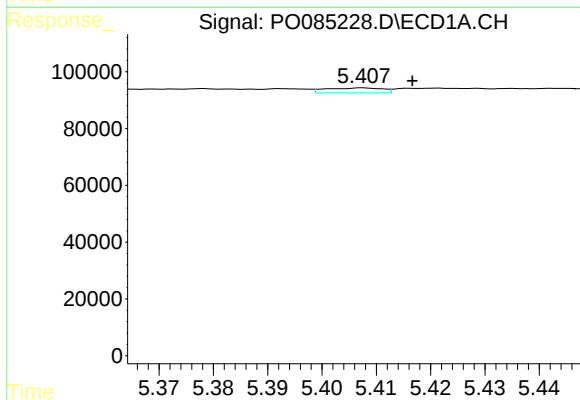
R.T.: 4.875 min
Delta R.T.: -0.002 min
Response: 20527
Conc: 7.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



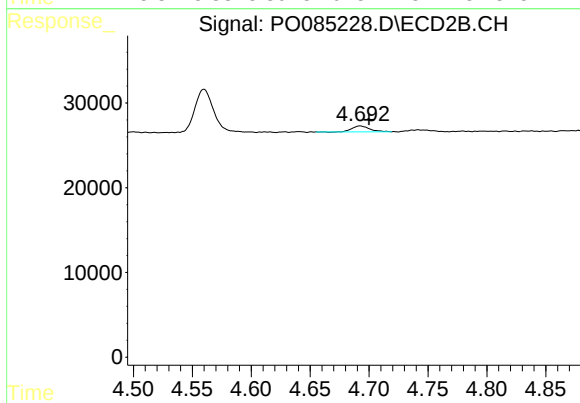
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.969 min
Response: 0
Conc: N.D.



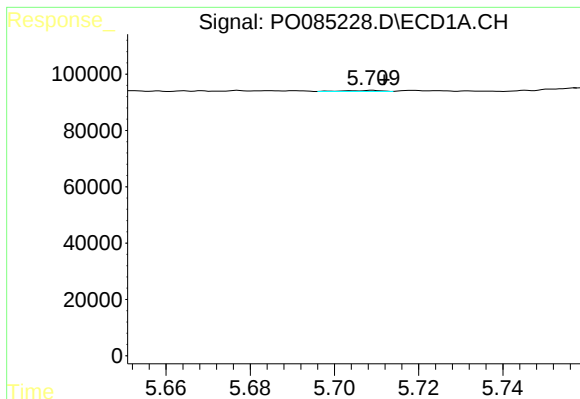
#12 AR-1232-2

R.T.: 5.408 min
Delta R.T.: -0.009 min
Response: 12645
Conc: 7.85 ng/ml



#12 AR-1232-2

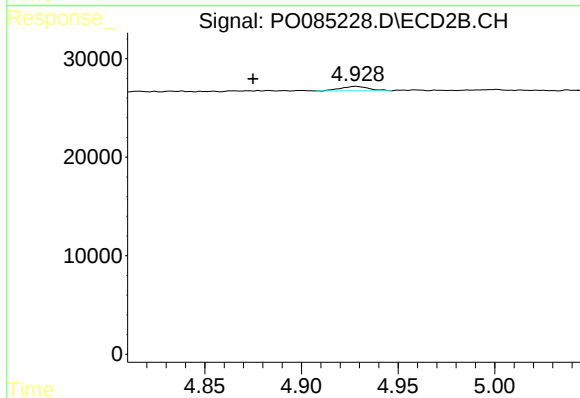
R.T.: 4.693 min
Delta R.T.: -0.007 min
Response: 7111
Conc: 6.79 ng/ml



#13 AR-1232-3

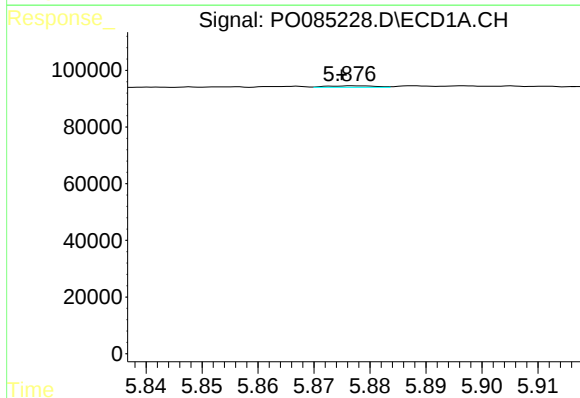
R.T.: 5.709 min
Delta R.T.: -0.003 min
Response: 2069
Conc: 0.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



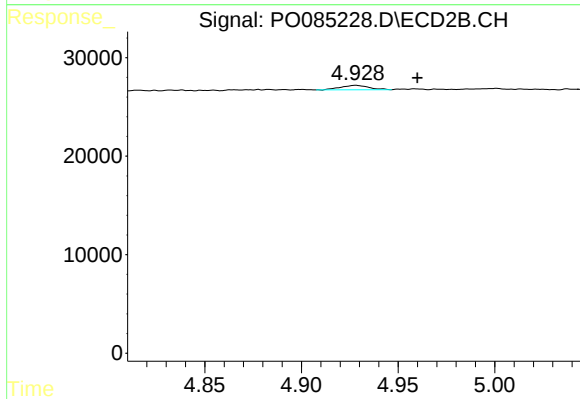
#13 AR-1232-3

R.T.: 4.928 min
Delta R.T.: 0.053 min
Response: 4540
Conc: 7.97 ng/ml



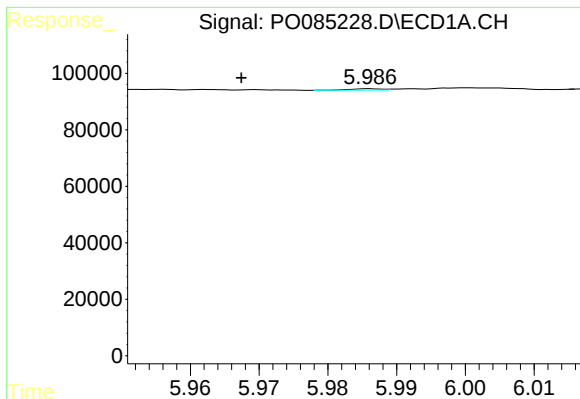
#14 AR-1232-4

R.T.: 5.877 min
Delta R.T.: 0.002 min
Response: 3282
Conc: 2.41 ng/ml



#14 AR-1232-4

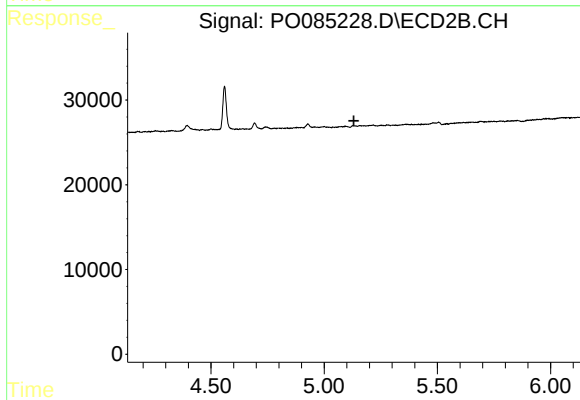
R.T.: 4.928 min
Delta R.T.: -0.032 min
Response: 4540
Conc: 8.60 ng/ml



#15 AR-1232-5

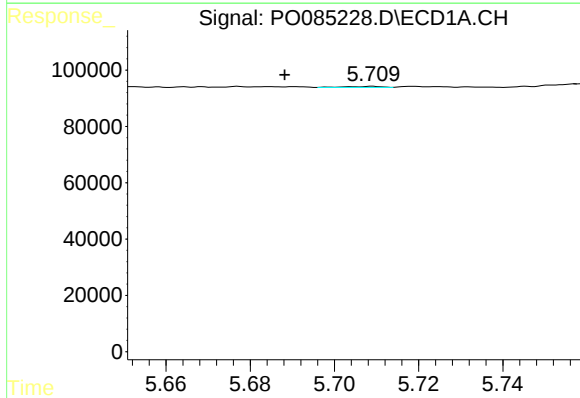
R.T.: 5.986 min
Delta R.T.: 0.019 min
Response: 1659
Conc: 1.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



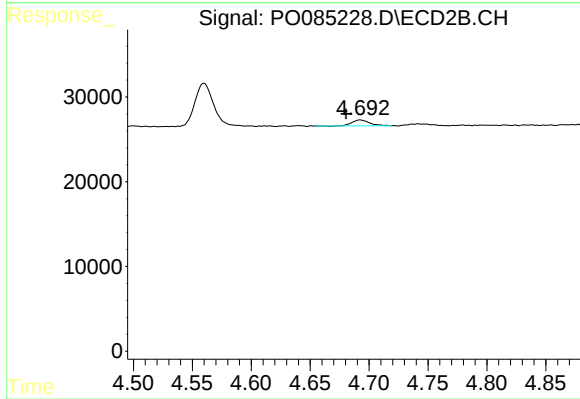
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.132 min
Response: 0
Conc: N.D.



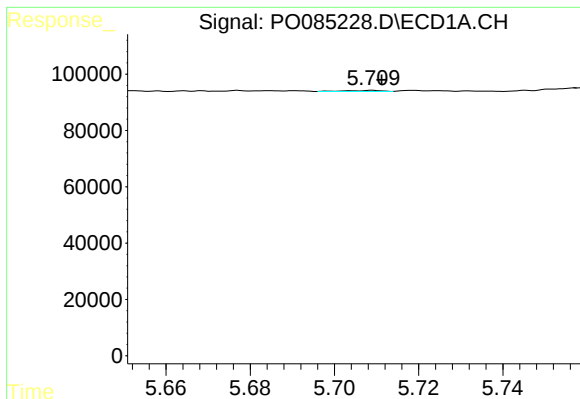
#16 AR-1242-1

R.T.: 5.709 min
Delta R.T.: 0.021 min
Response: 2069
Conc: 0.61 ng/ml



#16 AR-1242-1

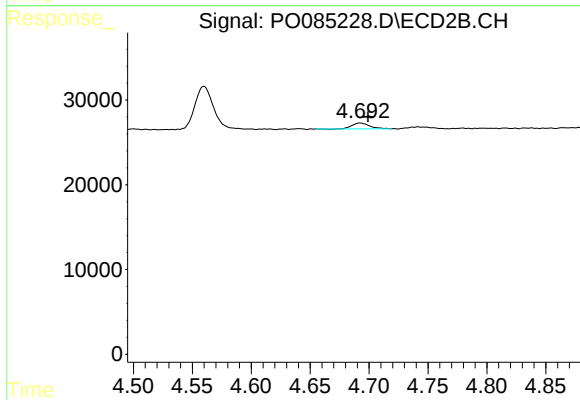
R.T.: 4.693 min
Delta R.T.: 0.012 min
Response: 7111
Conc: 5.68 ng/ml



#17 AR-1242-2

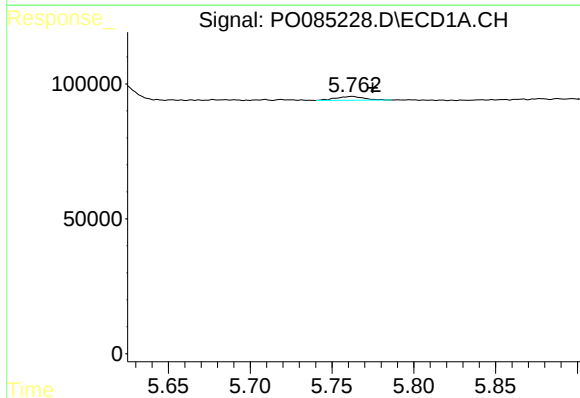
R.T.: 5.709 min
Delta R.T.: -0.002 min
Response: 2069
Conc: 0.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



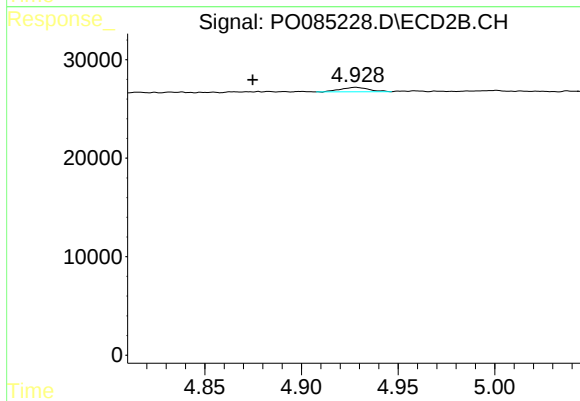
#17 AR-1242-2

R.T.: 4.693 min
Delta R.T.: -0.006 min
Response: 7111
Conc: 3.96 ng/ml



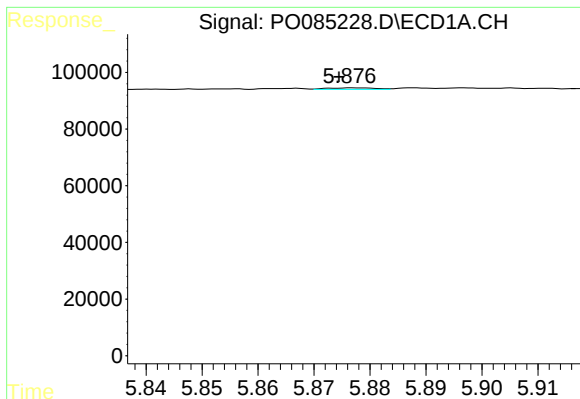
#18 AR-1242-3

R.T.: 5.762 min
Delta R.T.: -0.013 min
Response: 17079
Conc: 5.62 ng/ml



#18 AR-1242-3

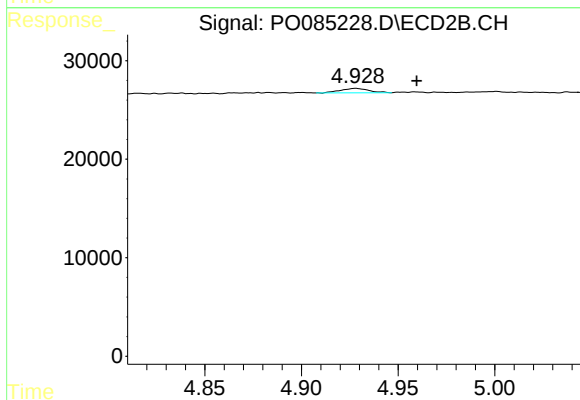
R.T.: 4.928 min
Delta R.T.: 0.053 min
Response: 4540
Conc: 4.60 ng/ml



#19 AR-1242-4

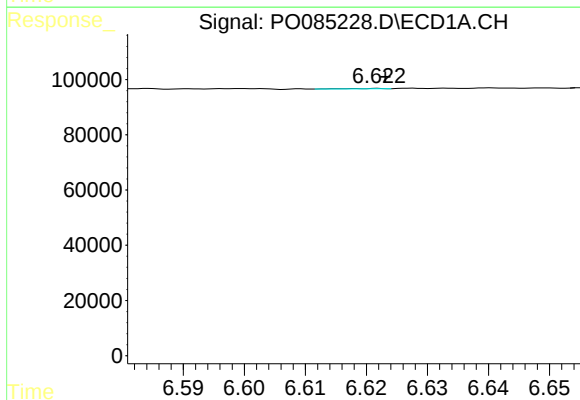
R.T.: 5.877 min
Delta R.T.: 0.003 min
Response: 3282
Conc: 1.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



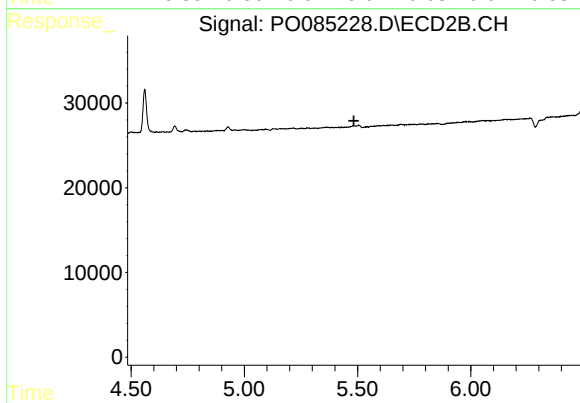
#19 AR-1242-4

R.T.: 4.928 min
Delta R.T.: -0.031 min
Response: 4540
Conc: 4.44 ng/ml



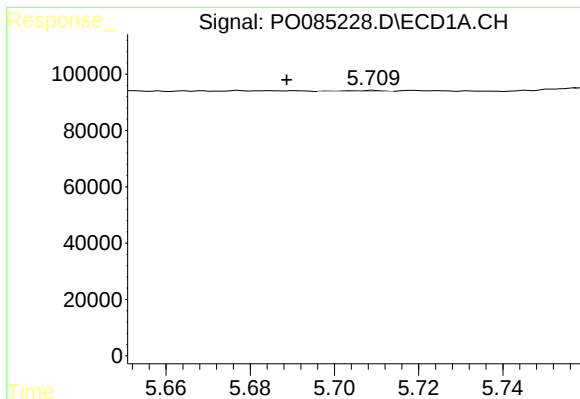
#20 AR-1242-5

R.T.: 6.622 min
Delta R.T.: -0.001 min
Response: 644
Conc: 0.34 ng/ml



#20 AR-1242-5

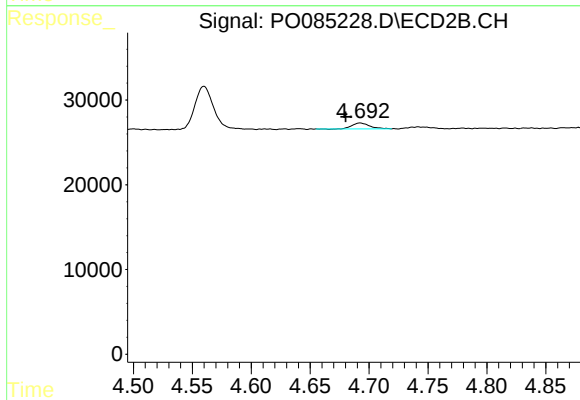
R.T.: 0.000 min
Exp R.T. : 5.483 min
Response: 0
Conc: N.D.



#21 AR-1248-1

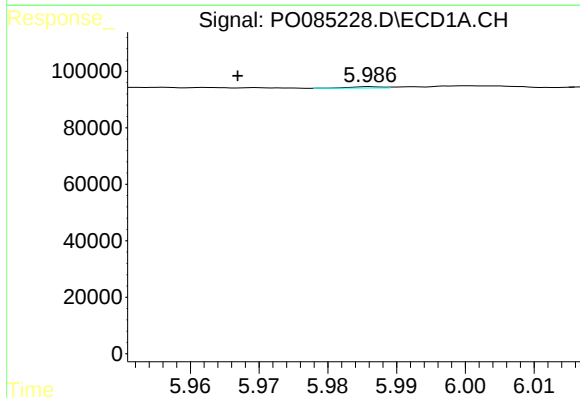
R.T.: 5.709 min
Delta R.T.: 0.020 min
Response: 2069
Conc: 0.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



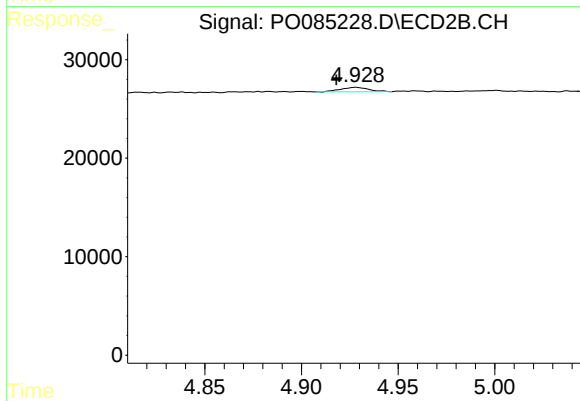
#21 AR-1248-1

R.T.: 4.693 min
Delta R.T.: 0.013 min
Response: 7111
Conc: 6.97 ng/ml



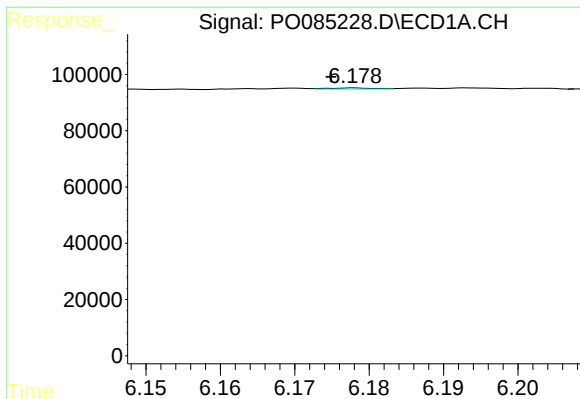
#22 AR-1248-2

R.T.: 5.986 min
Delta R.T.: 0.019 min
Response: 1659
Conc: 0.50 ng/ml



#22 AR-1248-2

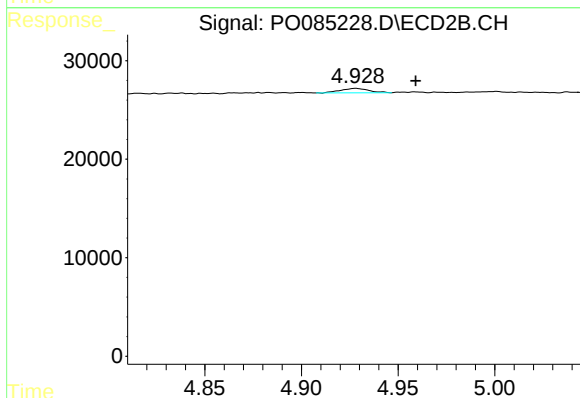
R.T.: 4.928 min
Delta R.T.: 0.010 min
Response: 4540
Conc: 3.13 ng/ml



#23 AR-1248-3

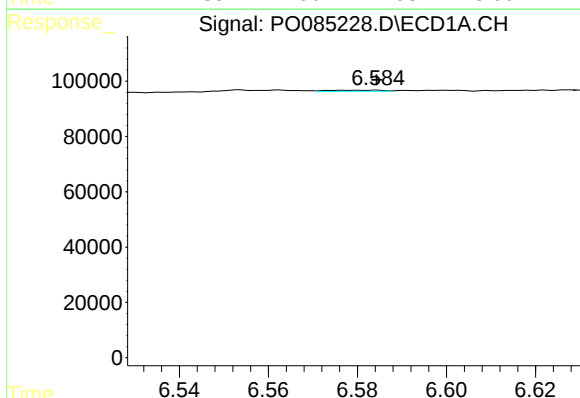
R.T.: 6.178 min
Delta R.T.: 0.003 min
Response: 1808
Conc: 0.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



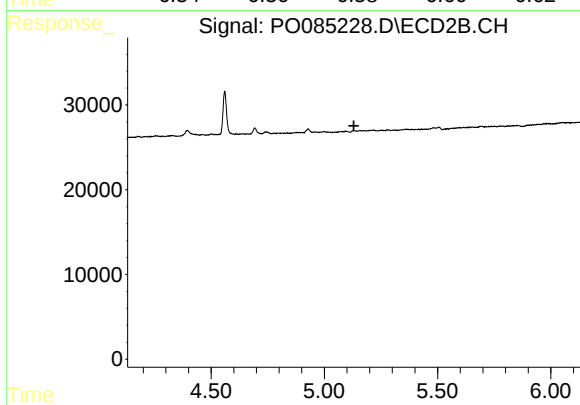
#23 AR-1248-3

R.T.: 4.928 min
Delta R.T.: -0.031 min
Response: 4540
Conc: 3.07 ng/ml



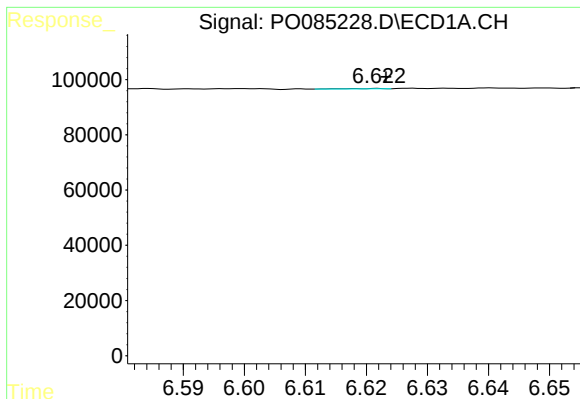
#24 AR-1248-4

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 3600
Conc: 1.09 ng/ml



#24 AR-1248-4

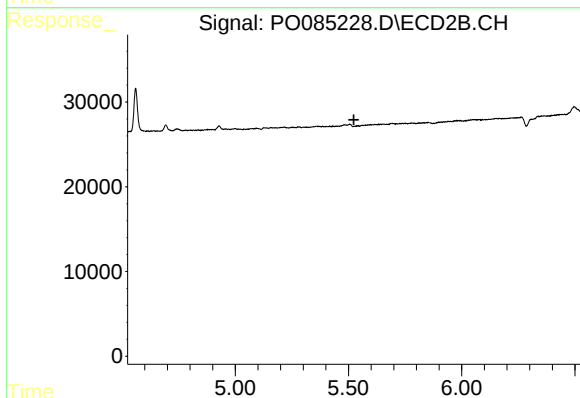
R.T.: 0.000 min
Exp R.T. : 5.131 min
Response: 0
Conc: N.D.



#25 AR-1248-5

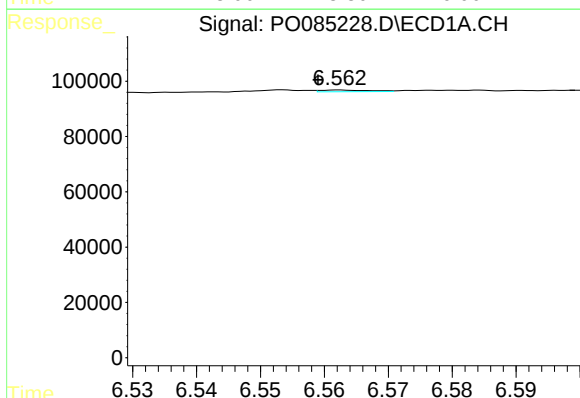
R.T.: 6.622 min
Delta R.T.: -0.001 min
Response: 644
Conc: 0.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



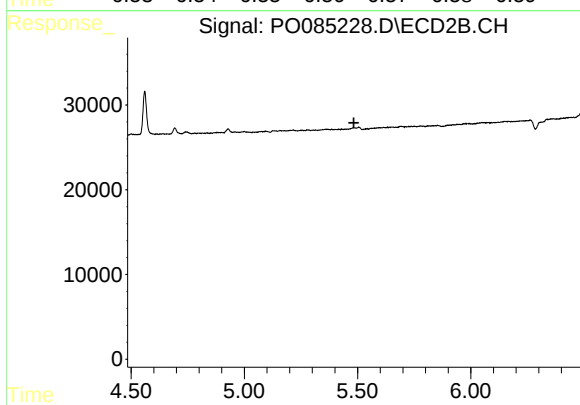
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.524 min
Response: 0
Conc: N.D.



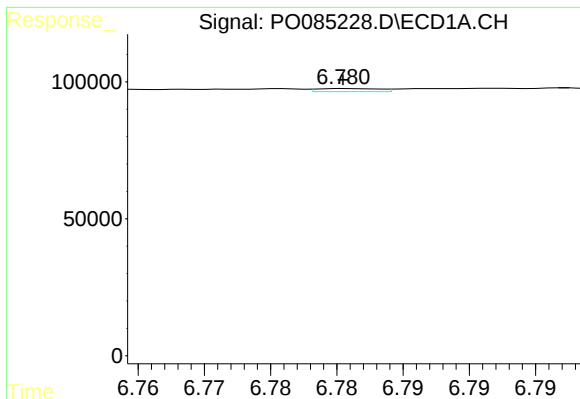
#26 AR-1254-1

R.T.: 6.562 min
Delta R.T.: 0.003 min
Response: 3257
Conc: 0.95 ng/ml



#26 AR-1254-1

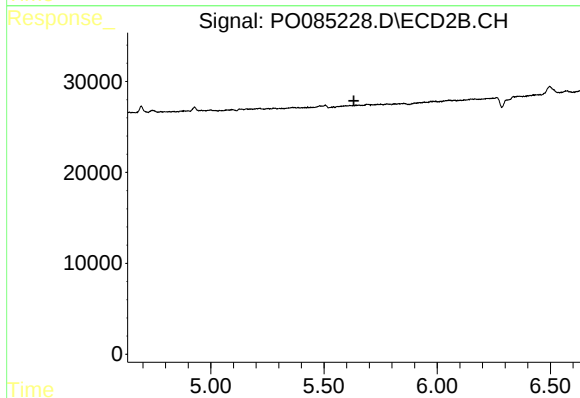
R.T.: 0.000 min
Exp R.T. : 5.484 min
Response: 0
Conc: N.D.



#27 AR-1254-2

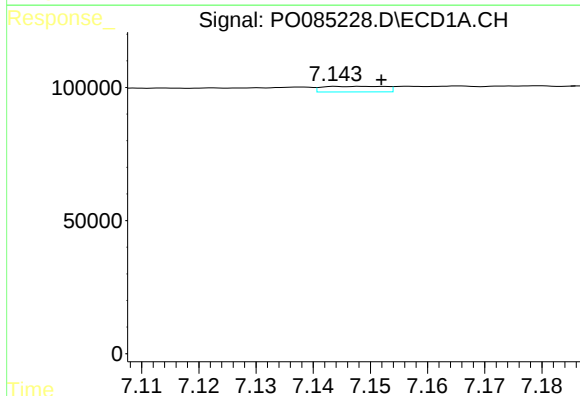
R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 3651
Conc: 0.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



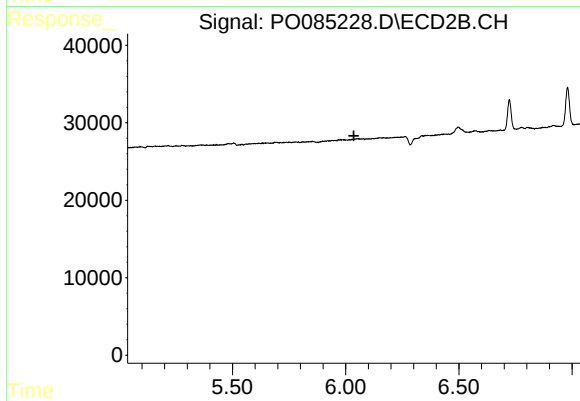
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.632 min
Response: 0
Conc: N.D.



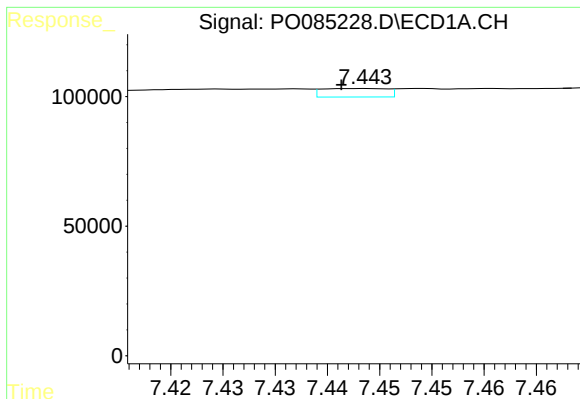
#28 AR-1254-3

R.T.: 7.149 min
Delta R.T.: -0.003 min
Response: 16020
Conc: 3.18 ng/ml



#28 AR-1254-3

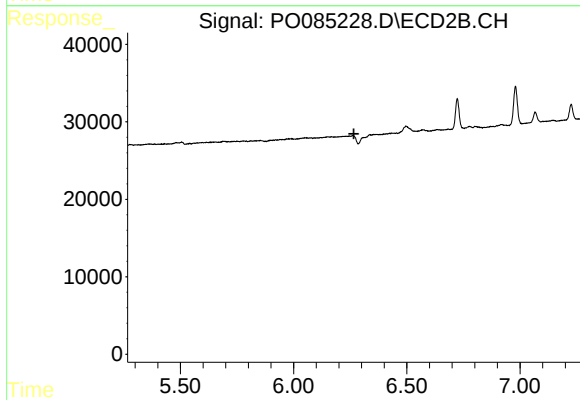
R.T.: 0.000 min
Exp R.T. : 6.036 min
Response: 0
Conc: N.D.



#29 AR-1254-4

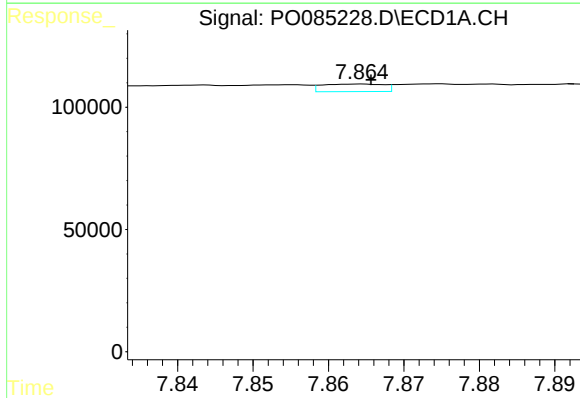
R.T.: 7.444 min
Delta R.T.: 0.002 min
Response: 14303
Conc: 3.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



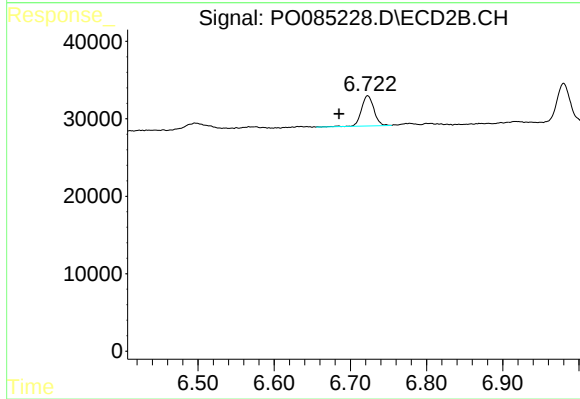
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.266 min
Response: 0
Conc: N.D.



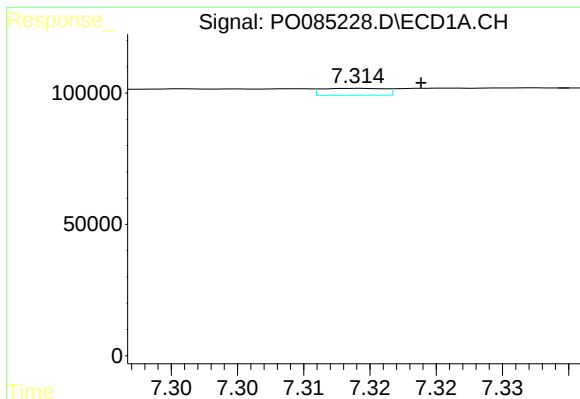
#30 AR-1254-5

R.T.: 7.864 min
Delta R.T.: -0.001 min
Response: 17562
Conc: 4.49 ng/ml



#30 AR-1254-5

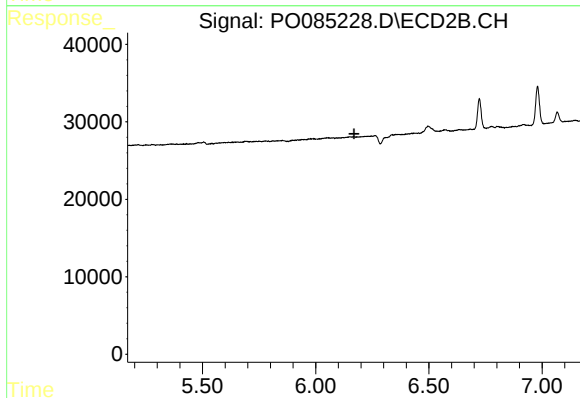
R.T.: 6.723 min
Delta R.T.: 0.038 min
Response: 43974
Conc: 13.09 ng/ml



#31 AR-1260-1

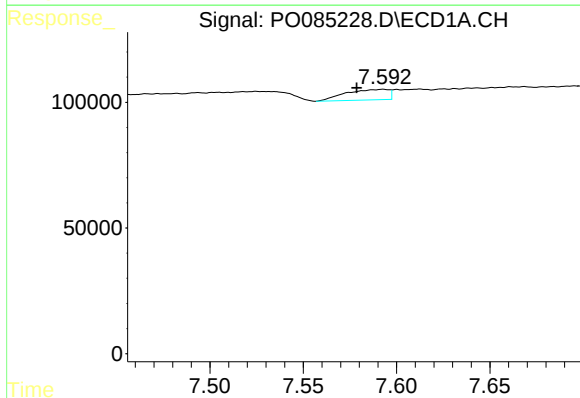
R.T.: 7.314 min
Delta R.T.: -0.005 min
Response: 8711
Conc: 2.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



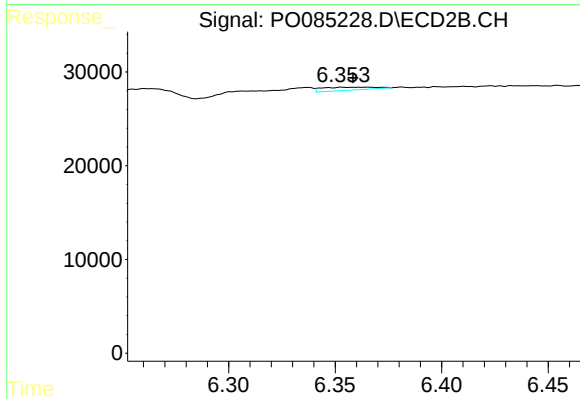
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.169 min
Response: 0
Conc: N.D.



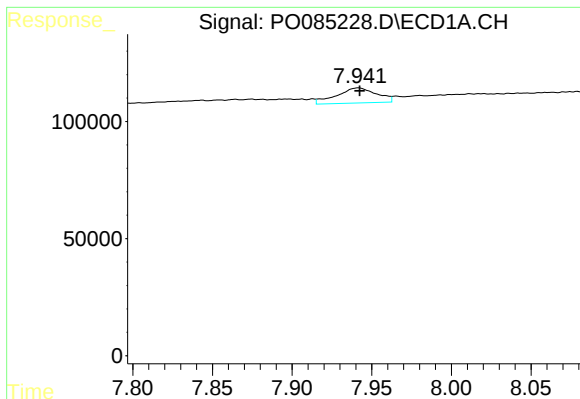
#32 AR-1260-2

R.T.: 7.593 min
Delta R.T.: 0.014 min
Response: 66945
Conc: 13.97 ng/ml



#32 AR-1260-2

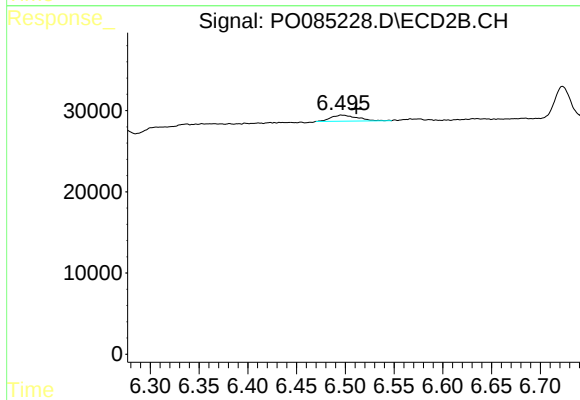
R.T.: 6.353 min
Delta R.T.: -0.005 min
Response: 5490
Conc: 1.76 ng/ml



#33 AR-1260-3

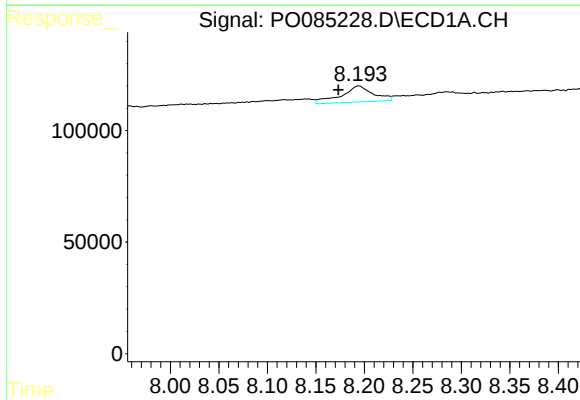
R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 112628
Conc: 34.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



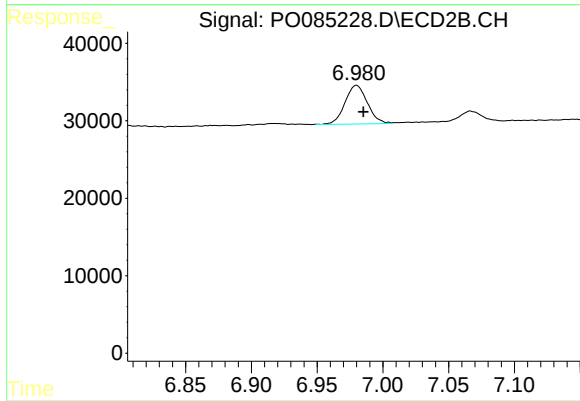
#33 AR-1260-3

R.T.: 6.497 min
Delta R.T.: -0.015 min
Response: 13942
Conc: 4.50 ng/ml



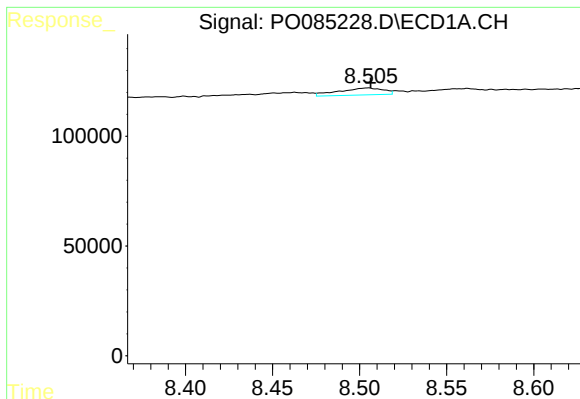
#34 AR-1260-4

R.T.: 8.194 min
Delta R.T.: 0.021 min
Response: 164211
Conc: 42.96 ng/ml



#34 AR-1260-4

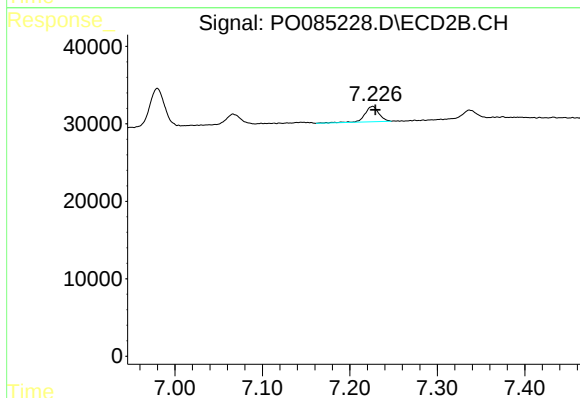
R.T.: 6.980 min
Delta R.T.: -0.005 min
Response: 58950
Conc: 26.76 ng/ml



#35 AR-1260-5

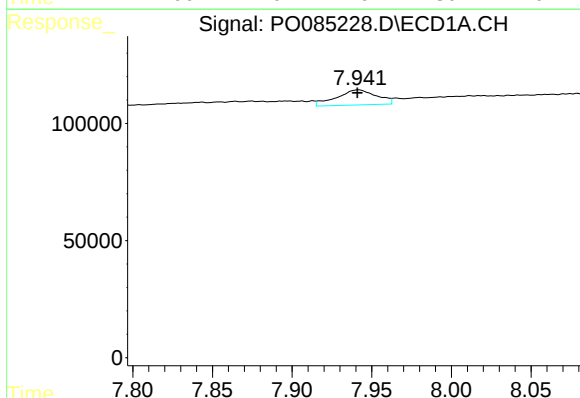
R.T.: 8.505 min
Delta R.T.: -0.001 min
Response: 56355
Conc: 8.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



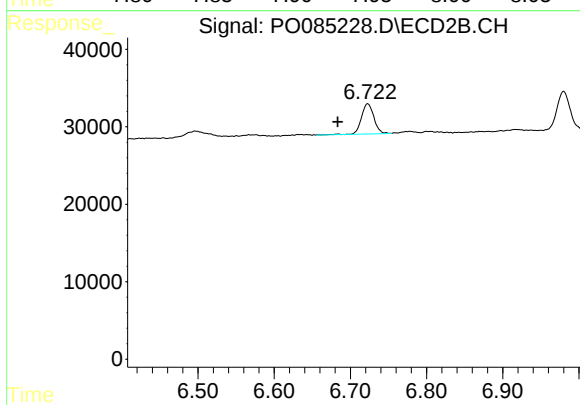
#35 AR-1260-5

R.T.: 7.226 min
Delta R.T.: -0.003 min
Response: 22077
Conc: 4.43 ng/ml



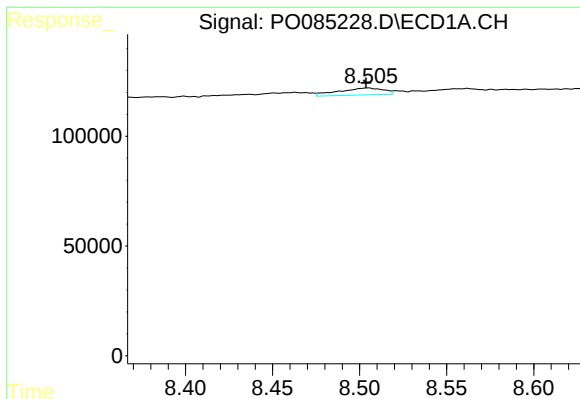
#36 AR-1262-1

R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 112628
Conc: 24.72 ng/ml



#36 AR-1262-1

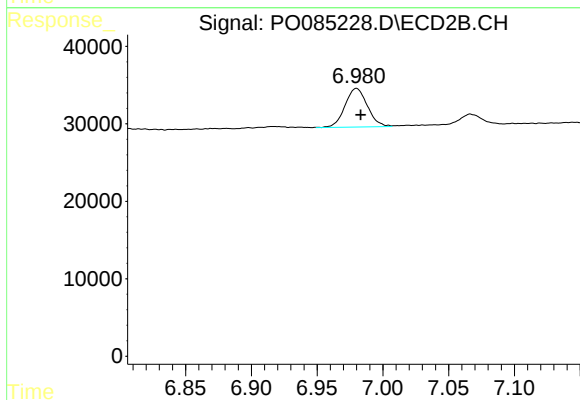
R.T.: 6.723 min
Delta R.T.: 0.039 min
Response: 43974
Conc: 25.60 ng/ml



#37 AR-1262-2

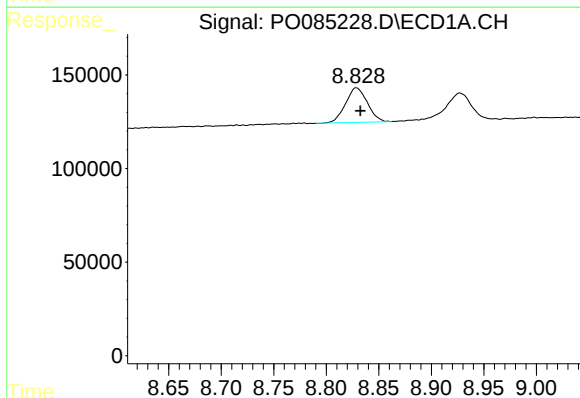
R.T.: 8.505 min
Delta R.T.: 0.001 min
Response: 56355
Conc: 6.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



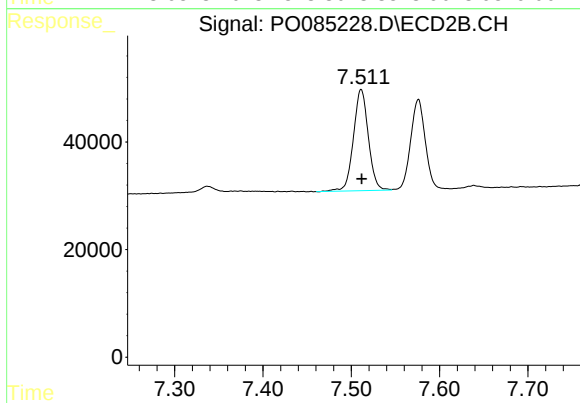
#37 AR-1262-2

R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 58950
Conc: 20.47 ng/ml



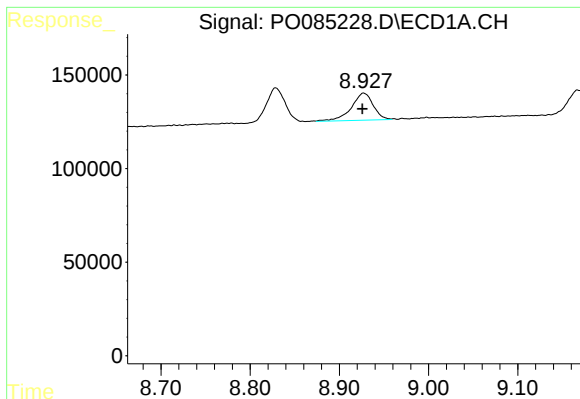
#38 AR-1262-3

R.T.: 8.828 min
Delta R.T.: -0.004 min
Response: 267337
Conc: 49.98 ng/ml



#38 AR-1262-3

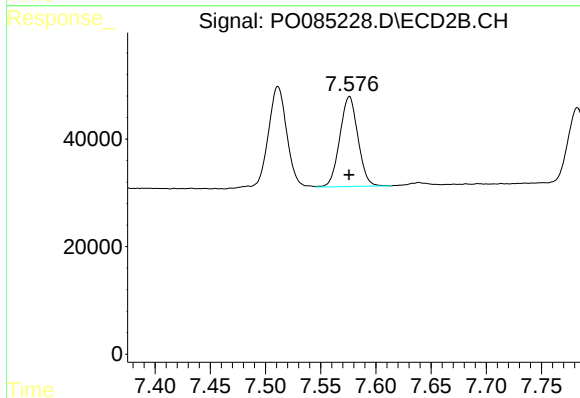
R.T.: 7.511 min
Delta R.T.: 0.000 min
Response: 220098
Conc: 97.41 ng/ml



#39 AR-1262-4

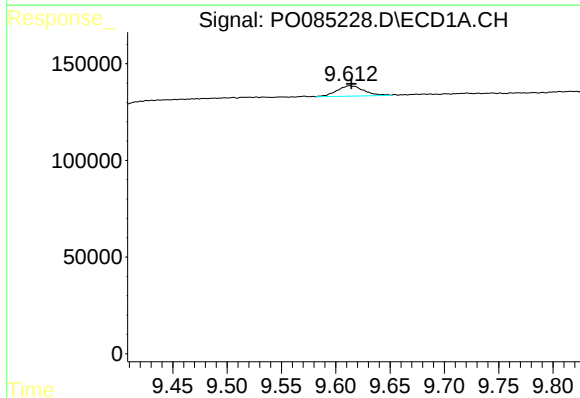
R.T.: 8.927 min
Delta R.T.: 0.001 min
Response: 248390
Conc: 99.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



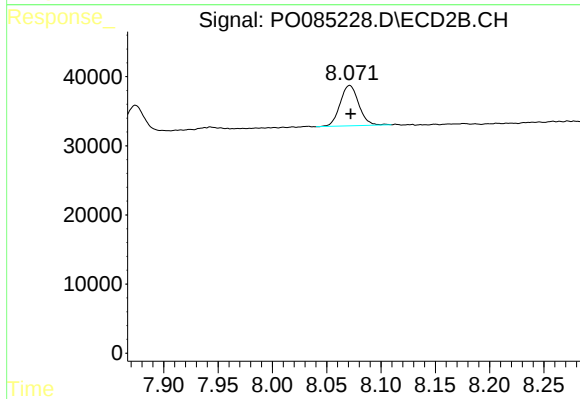
#39 AR-1262-4

R.T.: 7.576 min
Delta R.T.: 0.000 min
Response: 191678
Conc: 46.59 ng/ml



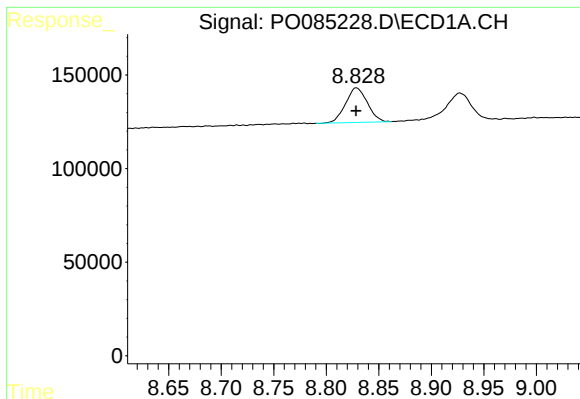
#40 AR-1262-5

R.T.: 9.612 min
Delta R.T.: -0.002 min
Response: 92576
Conc: 33.46 ng/ml



#40 AR-1262-5

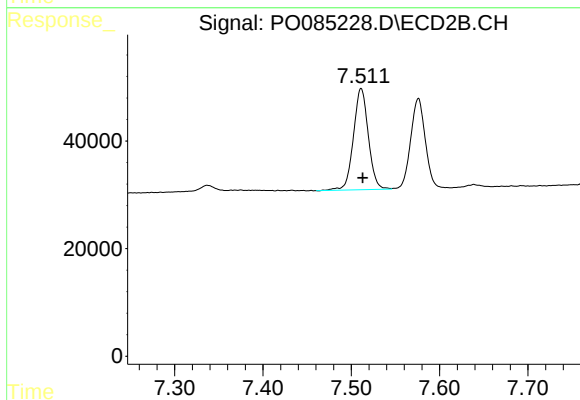
R.T.: 8.071 min
Delta R.T.: -0.001 min
Response: 69992
Conc: 37.58 ng/ml



#41 AR-1268-1

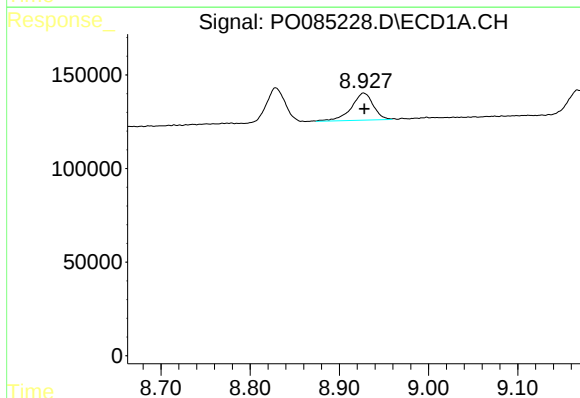
R.T.: 8.828 min
Delta R.T.: 0.000 min
Response: 267337
Conc: 28.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



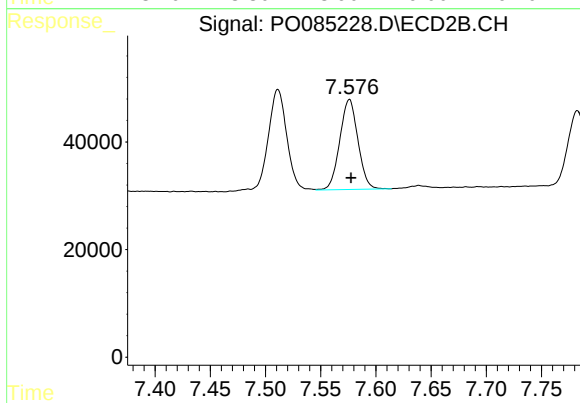
#41 AR-1268-1

R.T.: 7.511 min
Delta R.T.: -0.002 min
Response: 220098
Conc: 33.55 ng/ml



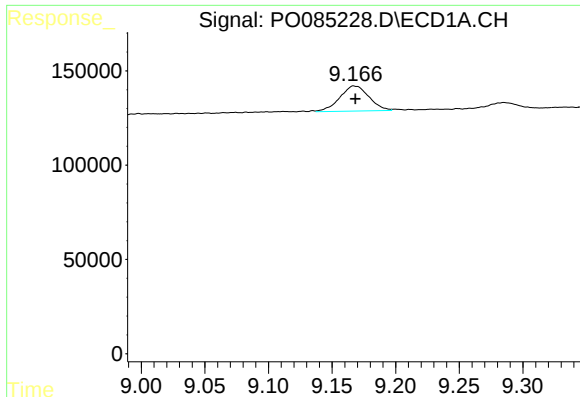
#42 AR-1268-2

R.T.: 8.927 min
Delta R.T.: 0.000 min
Response: 248390
Conc: 29.27 ng/ml



#42 AR-1268-2

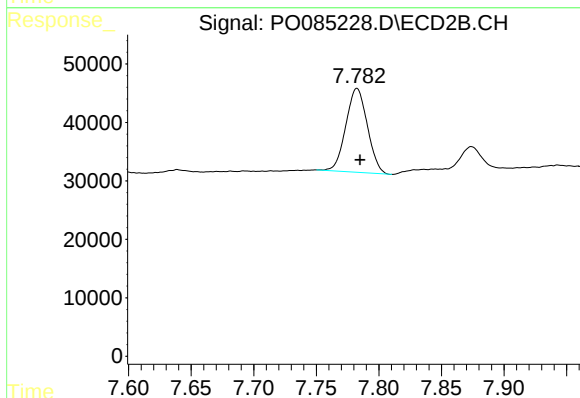
R.T.: 7.576 min
Delta R.T.: -0.002 min
Response: 191678
Conc: 32.77 ng/ml



#43 AR-1268-3

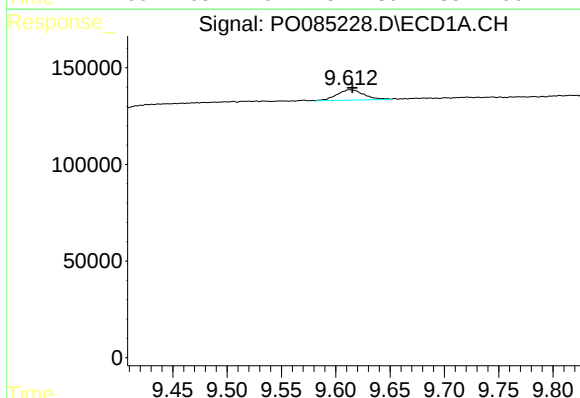
R.T.: 9.167 min
Delta R.T.: -0.001 min
Response: 211887
Conc: 29.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



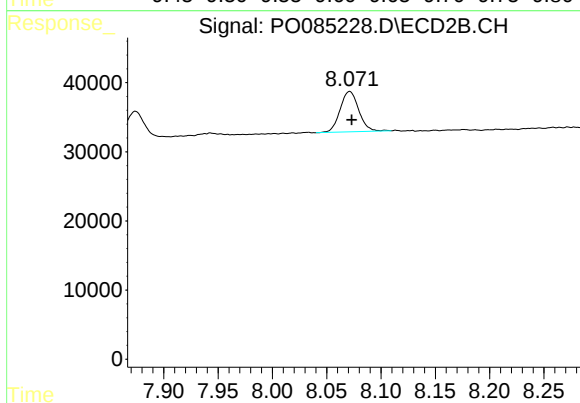
#43 AR-1268-3

R.T.: 7.783 min
Delta R.T.: -0.002 min
Response: 171859
Conc: 34.66 ng/ml



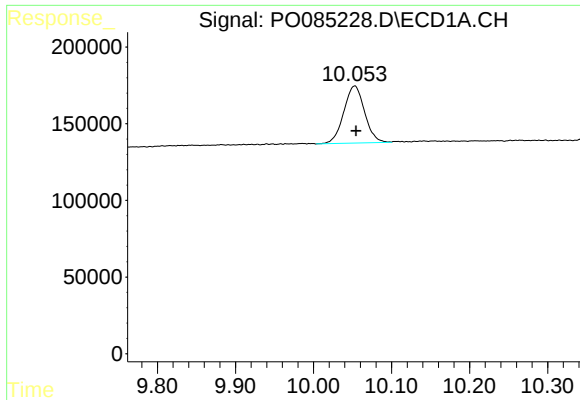
#44 AR-1268-4

R.T.: 9.612 min
Delta R.T.: -0.003 min
Response: 92576
Conc: 30.24 ng/ml



#44 AR-1268-4

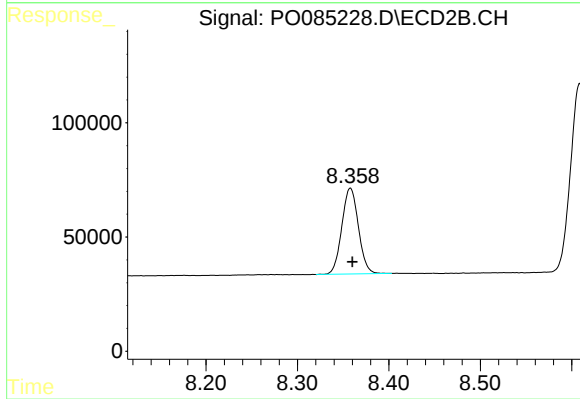
R.T.: 8.071 min
Delta R.T.: -0.002 min
Response: 69992
Conc: 32.98 ng/ml



#45 AR-1268-5

R.T.: 10.053 min
Delta R.T.: -0.001 min
Response: 690000
Conc: 28.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.358 min
Delta R.T.: -0.002 min
Response: 474195
Conc: 33.04 ng/ml