

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0073021\
 Data File : P0080029.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Jul 2021 20:21
 Operator : DD\AJ
 Sample : M3219-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 01:59:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 28 18:45:36 2021
 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...	4.999	4.118	1393096	581317	23.119	25.384
2)	SA Decachlor...	11.113	9.532	1127213	461211	24.029	22.193
Target Compounds							
3)	L1 AR-1016-1	6.339	0.000	115468	0	52.527	N.D. #
4)	L1 AR-1016-2	6.372	0.000	157018	0	51.464	N.D. #
5)	L1 AR-1016-3	6.426	0.000	54260	0	28.834	N.D. #
6)	L1 AR-1016-4	6.530	0.000	62012	0	40.218	N.D. #
7)	L1 AR-1016-5	6.831	5.930f	302111	25923	199.688	35.200 #
8)	L2 AR-1221-1	5.249	0.000	141003	0	218.822	N.D. #
9)	L2 AR-1221-2	0.000	4.477	0	9971	N.D.	46.493 #
10)	L2 AR-1221-3	5.452	0.000	188731	0	122.309	N.D. #
11)	L3 AR-1232-1	5.452	0.000	188731	0	132.437	N.D. #
12)	L3 AR-1232-2	6.038	0.000	287901	0	412.144	N.D. #
13)	L3 AR-1232-3	6.339f	0.000	115468	0	86.637	N.D. #
14)	L3 AR-1232-4	6.530	5.726	62012	29415	95.220	103.331
15)	L3 AR-1232-5	6.633	0.000	82645	0	185.071	N.D. #
16)	L4 AR-1242-1	6.339	0.000	115468	0	69.280	N.D. #
17)	L4 AR-1242-2	6.339	0.000	115468	0	50.207	N.D. #
18)	L4 AR-1242-3	6.426	0.000	54260	0	38.223	N.D. #
19)	L4 AR-1242-4	6.530	5.726	62012	29415	54.648	52.385
20)	L4 AR-1242-5	7.329	6.283	165204	43796	130.125	67.306 #
21)	L5 AR-1248-1	6.339	0.000	115468	0	91.086	N.D. #
22)	L5 AR-1248-2	6.633	0.000	82645	0	47.406	N.D. #
23)	L5 AR-1248-3	6.831	5.726	302111	29415	147.406	35.445 #
24)	L5 AR-1248-4	7.283	5.930f	111315	25923	47.552	27.434 #
25)	L5 AR-1248-5	7.329	6.320	165204	106448	72.649	116.096 #
26)	L6 AR-1254-1	7.245	6.283	201343	43796	92.173	32.296 #
27)	L6 AR-1254-2	7.484	6.441	539514	24760	164.298	20.649 #
28)	L6 AR-1254-3	7.875	6.894f	743676	238253	215.987	127.335 #
29)	L6 AR-1254-4	8.155	7.112	31906	11229	12.545	9.485
30)	L6 AR-1254-5	8.613f	7.548	463215	194204	174.177	121.234 #
31)	L7 AR-1260-1	8.022	7.008	148556	60799	60.550	46.972
32)	L7 AR-1260-2	8.292	7.186f	878317	200119	285.801	130.817 #
33)	L7 AR-1260-3	8.660	7.366	75826	47030	34.197	32.211
34)	L7 AR-1260-4	8.921f	7.856	556218	26549	216.673	22.404 #
35)	L7 AR-1260-5	9.230	8.105	226807	65246	44.359	24.699 #
36)	L8 AR-1262-1	8.660	7.548	75826	194204	23.712	230.715 #
37)	L8 AR-1262-2	9.230	8.105	226807	65246	41.878	24.300 #
38)	L8 AR-1262-3	9.568f	8.397	112068	18623	29.631	16.767 #
39)	L8 AR-1262-4	9.649	8.464	65457	77841	23.166	38.932 #
40)	L8 AR-1262-5	10.335	8.968	31160	35978	16.387	36.883 #
41)	L9 AR-1268-1	9.568f	8.397	112068	18623	17.310	6.129 #

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 Operator : DD\AJ
 Sample : M3219-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

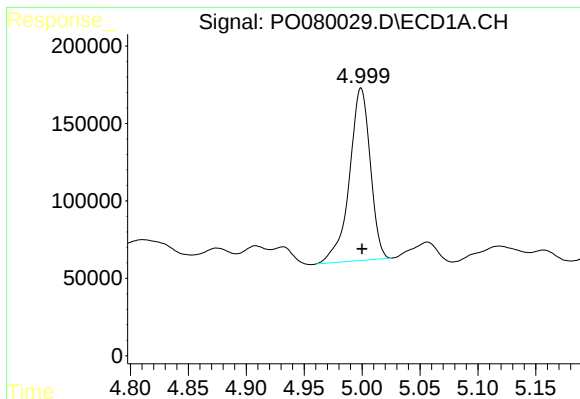
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 01:59:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072821.M
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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	9.649	8.464	65457	77841	11.000	28.608 #
43) L9	AR-1268-3	0.000	8.687	0	26581	N.D.	11.467 #
44) L9	AR-1268-4	10.335	8.968	31160	35978	13.562	33.605 #

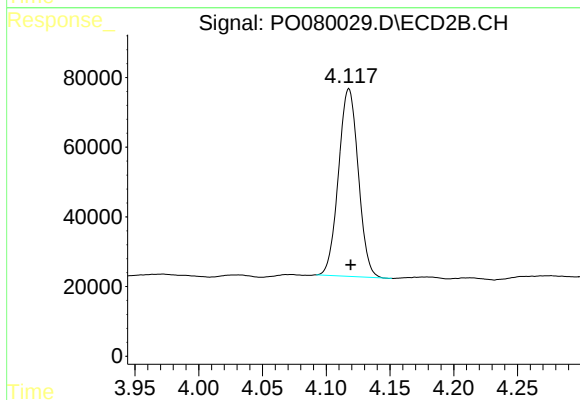
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

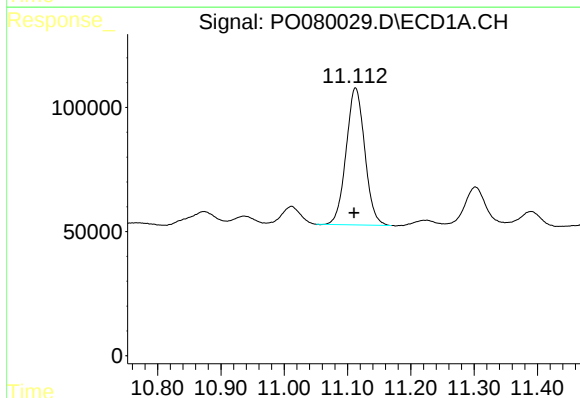
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 1393096
Conc: 23.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



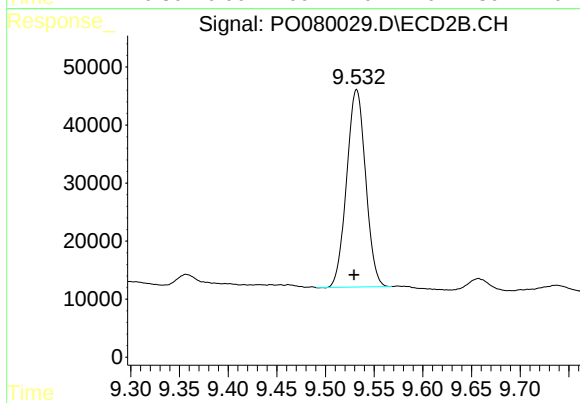
#1 Tetrachloro-m-xylene

R.T.: 4.118 min
Delta R.T.: -0.001 min
Response: 581317
Conc: 25.38 ng/ml



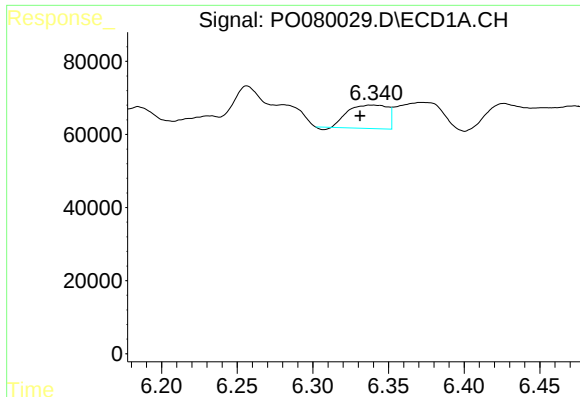
#2 Decachlorobiphenyl

R.T.: 11.113 min
Delta R.T.: 0.002 min
Response: 1127213
Conc: 24.03 ng/ml



#2 Decachlorobiphenyl

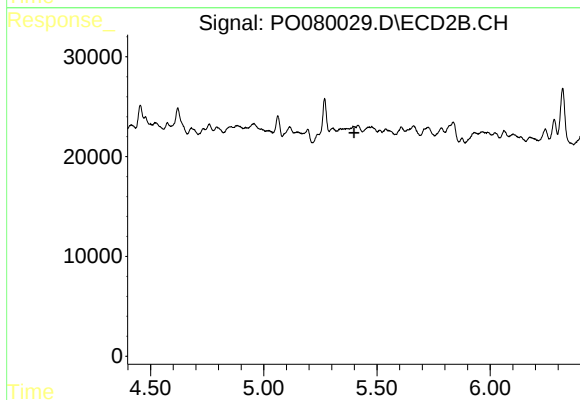
R.T.: 9.532 min
Delta R.T.: 0.003 min
Response: 461211
Conc: 22.19 ng/ml



#3 AR-1016-1

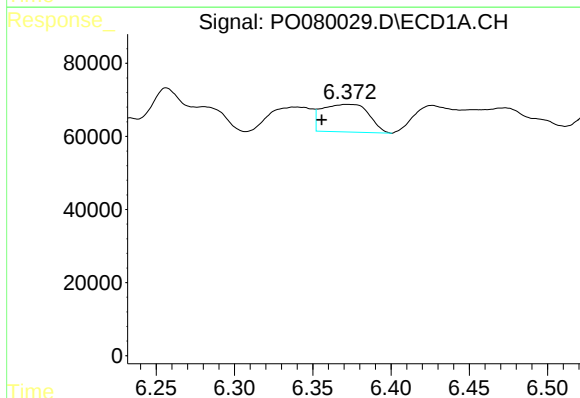
R.T.: 6.339 min
Delta R.T.: 0.008 min
Response: 115468
Conc: 52.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



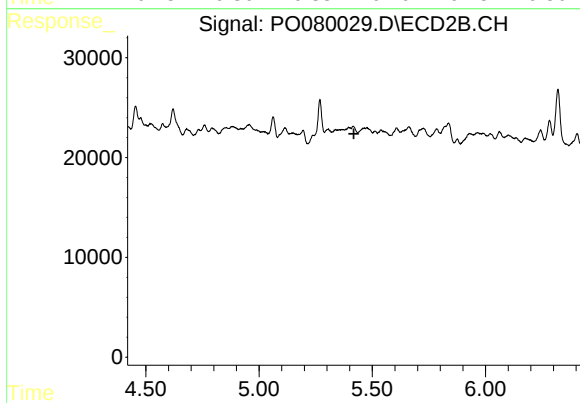
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.398 min
Response: 0
Conc: N.D.



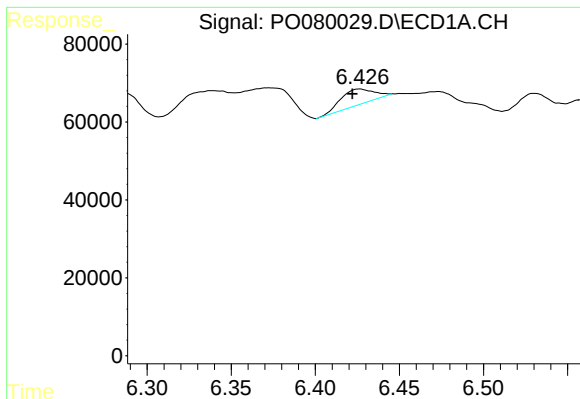
#4 AR-1016-2

R.T.: 6.372 min
Delta R.T.: 0.016 min
Response: 157018
Conc: 51.46 ng/ml



#4 AR-1016-2

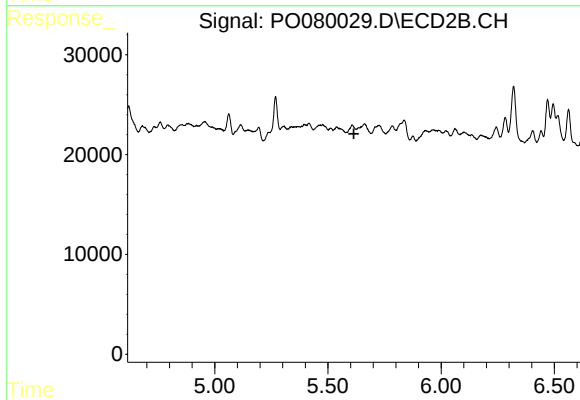
R.T.: 0.000 min
Exp R.T. : 5.419 min
Response: 0
Conc: N.D.



#5 AR-1016-3

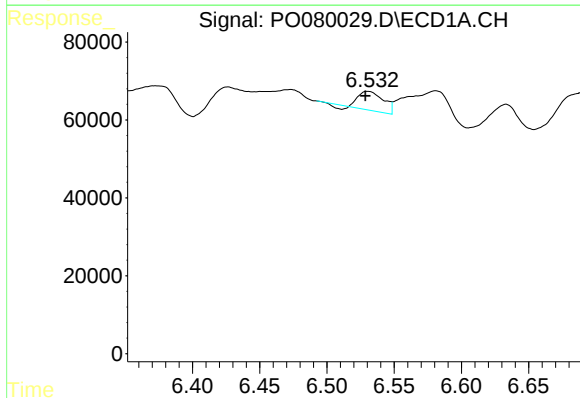
R.T.: 6.426 min
Delta R.T.: 0.004 min
Response: 54260
Conc: 28.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



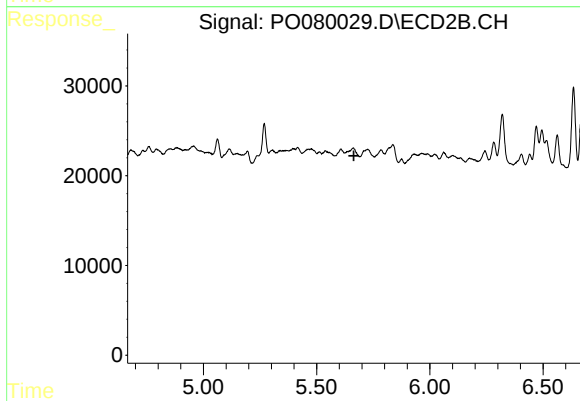
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.614 min
Response: 0
Conc: N.D.



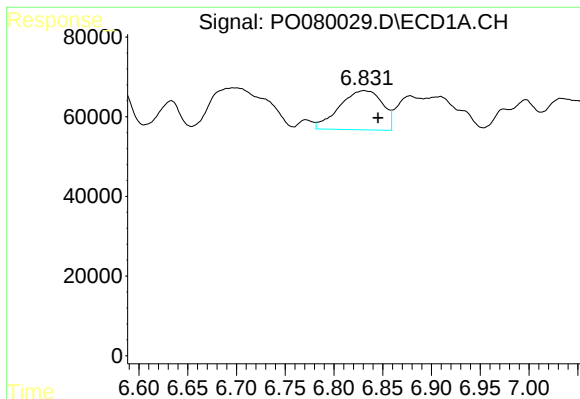
#6 AR-1016-4

R.T.: 6.530 min
Delta R.T.: 0.002 min
Response: 62012
Conc: 40.22 ng/ml



#6 AR-1016-4

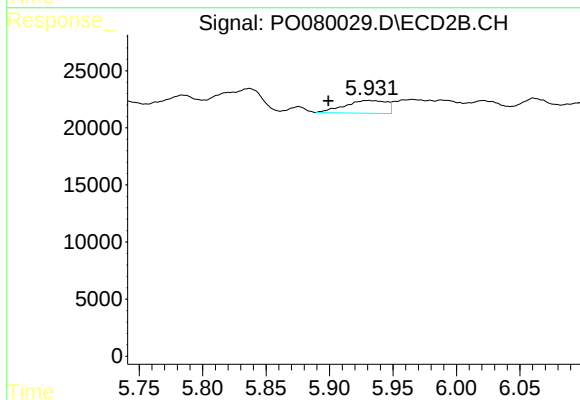
R.T.: 0.000 min
Exp R.T. : 5.664 min
Response: 0
Conc: N.D.



#7 AR-1016-5

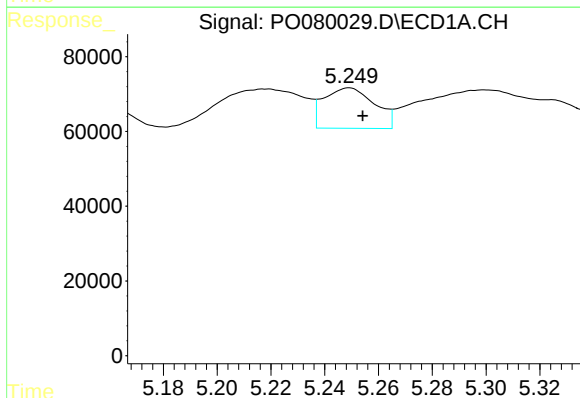
R.T.: 6.831 min
Delta R.T.: -0.014 min
Response: 302111
Conc: 199.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



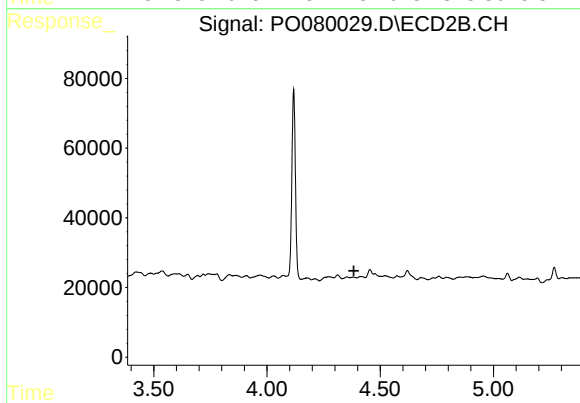
#7 AR-1016-5

R.T.: 5.930 min
Delta R.T.: 0.031 min
Response: 25923
Conc: 35.20 ng/ml



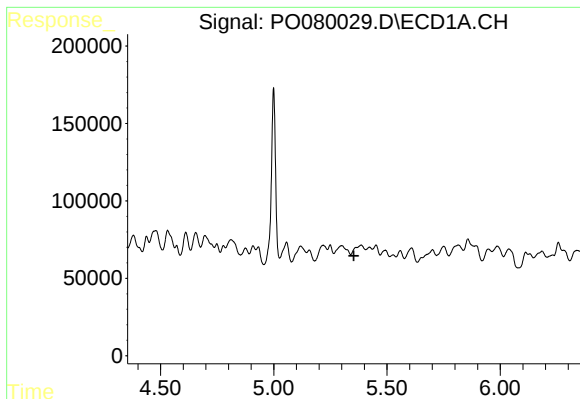
#8 AR-1221-1

R.T.: 5.249 min
Delta R.T.: -0.005 min
Response: 141003
Conc: 218.82 ng/ml



#8 AR-1221-1

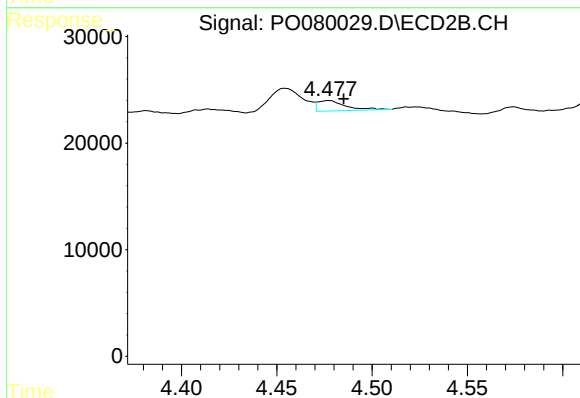
R.T.: 0.000 min
Exp R.T.: 4.384 min
Response: 0
Conc: N.D.



#9 AR-1221-2

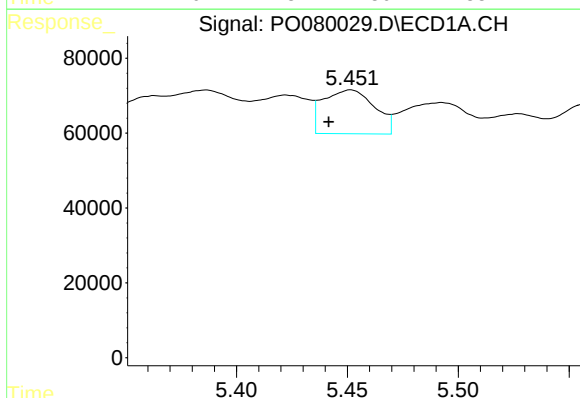
R.T.: 0.000 min
Exp R.T.: 5.354 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



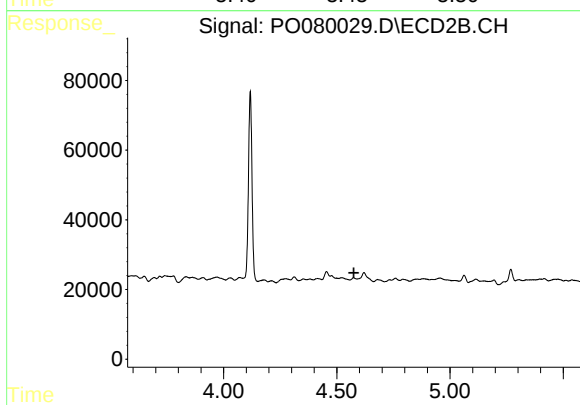
#9 AR-1221-2

R.T.: 4.477 min
Delta R.T.: -0.008 min
Response: 9971
Conc: 46.49 ng/ml



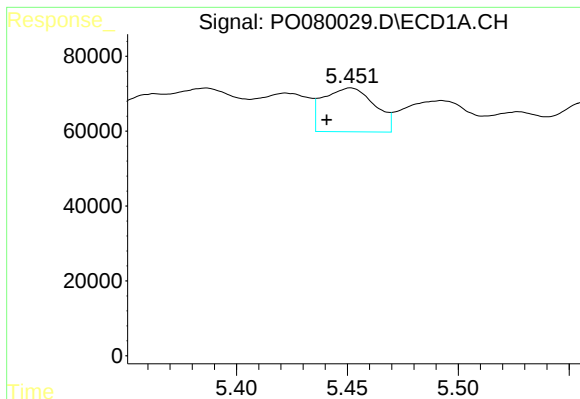
#10 AR-1221-3

R.T.: 5.452 min
Delta R.T.: 0.010 min
Response: 188731
Conc: 122.31 ng/ml



#10 AR-1221-3

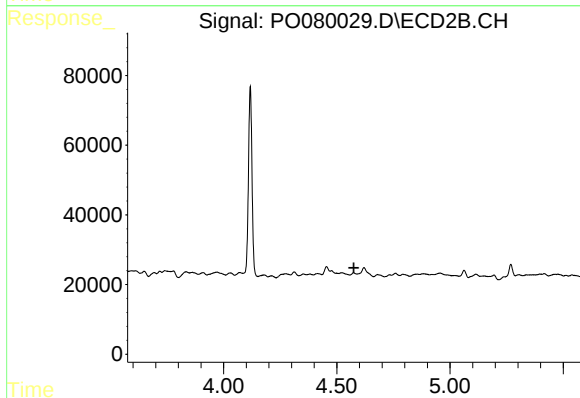
R.T.: 0.000 min
Exp R.T.: 4.576 min
Response: 0
Conc: N.D.



#11 AR-1232-1

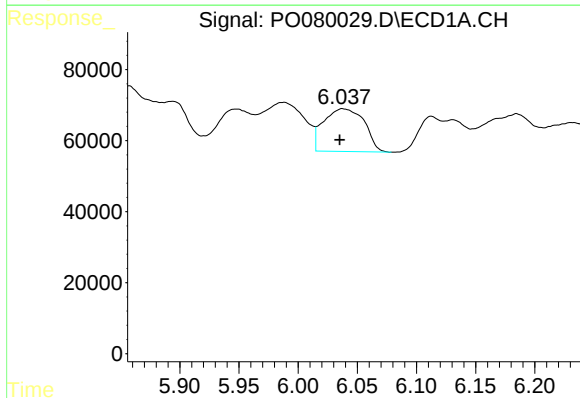
R.T.: 5.452 min
Delta R.T.: 0.011 min
Response: 188731
Conc: 132.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



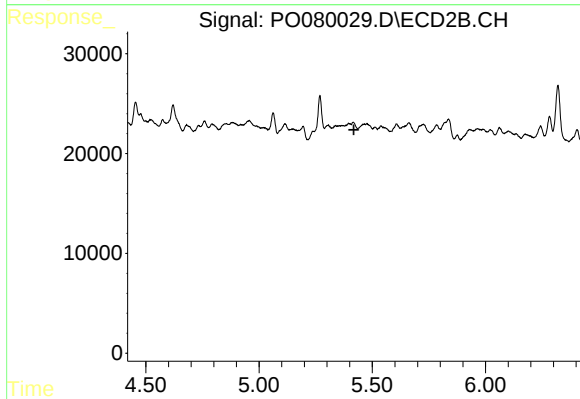
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.575 min
Response: 0
Conc: N.D.



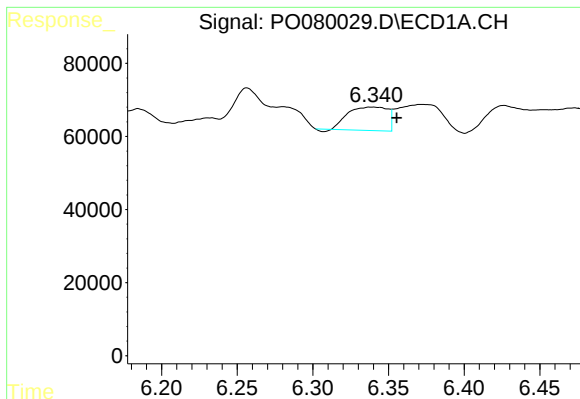
#12 AR-1232-2

R.T.: 6.038 min
Delta R.T.: 0.003 min
Response: 287901
Conc: 412.14 ng/ml



#12 AR-1232-2

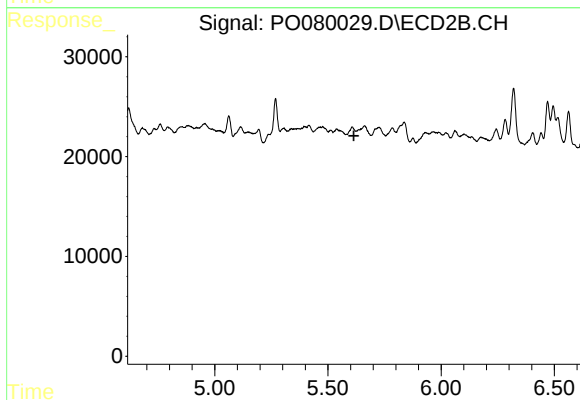
R.T.: 0.000 min
Exp R.T. : 5.419 min
Response: 0
Conc: N.D.



#13 AR-1232-3

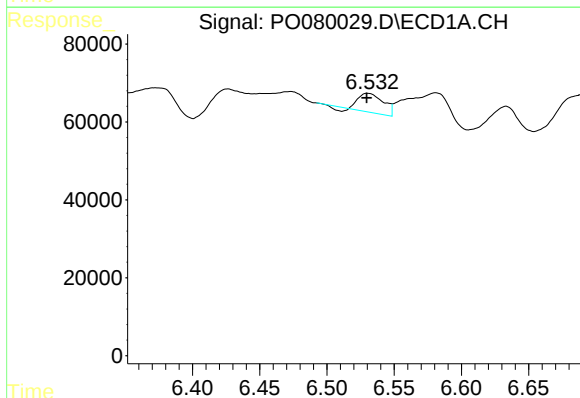
R.T.: 6.339 min
Delta R.T.: -0.016 min
Response: 115468
Conc: 86.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



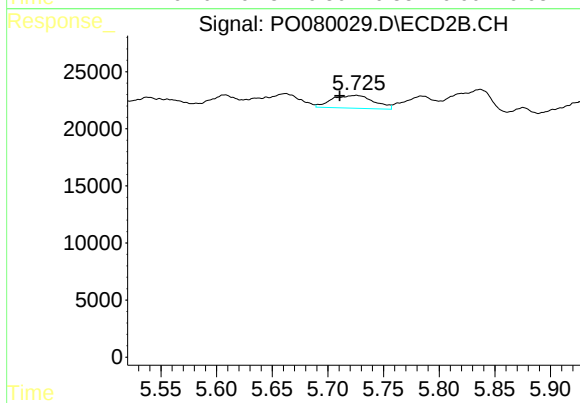
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.615 min
Response: 0
Conc: N.D.



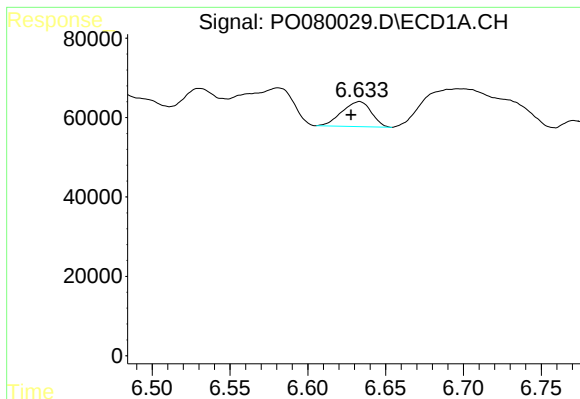
#14 AR-1232-4

R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 62012
Conc: 95.22 ng/ml



#14 AR-1232-4

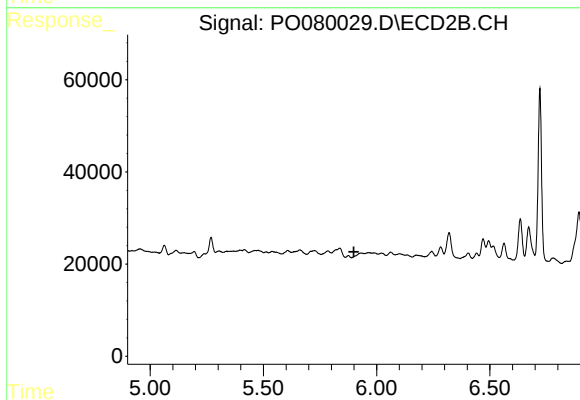
R.T.: 5.726 min
Delta R.T.: 0.015 min
Response: 29415
Conc: 103.33 ng/ml



#15 AR-1232-5

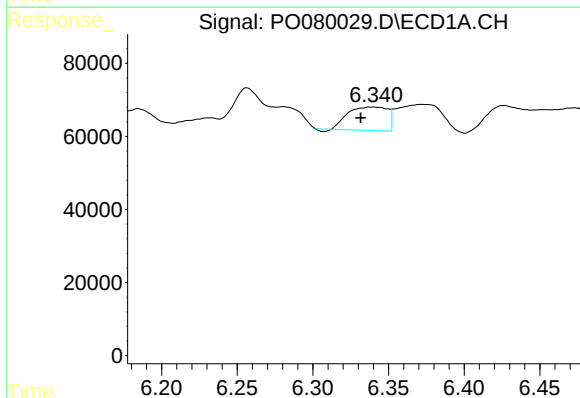
R.T.: 6.633 min
Delta R.T.: 0.005 min
Response: 82645
Conc: 185.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



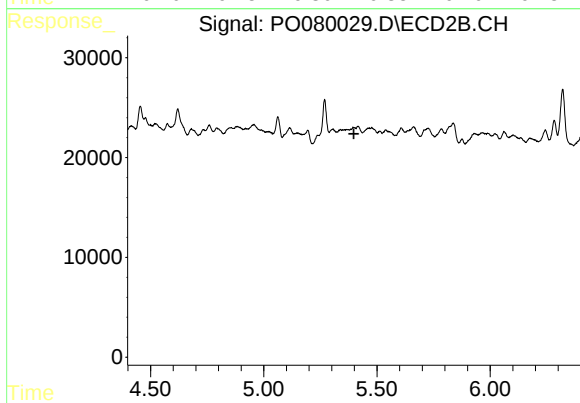
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.899 min
Response: 0
Conc: N.D.



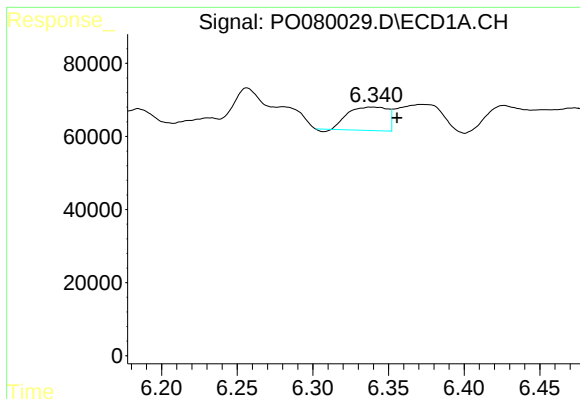
#16 AR-1242-1

R.T.: 6.339 min
Delta R.T.: 0.007 min
Response: 115468
Conc: 69.28 ng/ml



#16 AR-1242-1

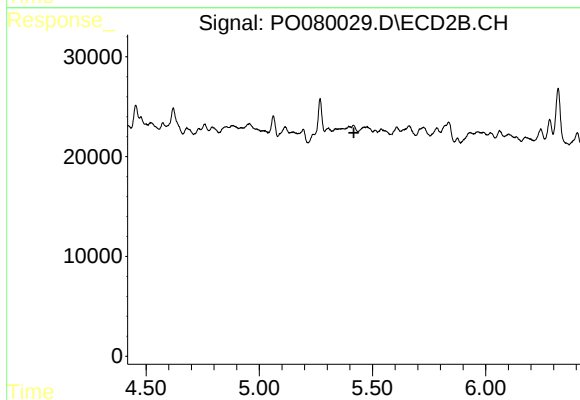
R.T.: 0.000 min
Exp R.T. : 5.398 min
Response: 0
Conc: N.D.



#17 AR-1242-2

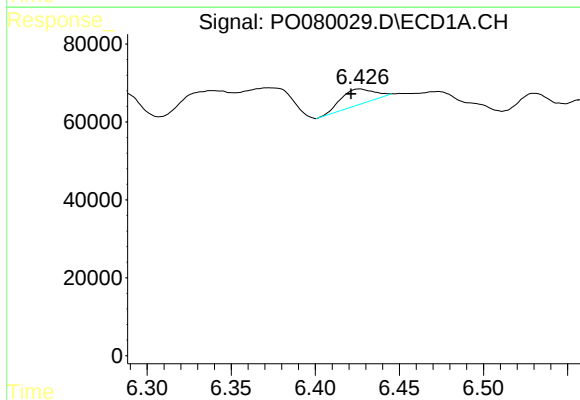
R.T.: 6.339 min
Delta R.T.: -0.017 min
Response: 115468
Conc: 50.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



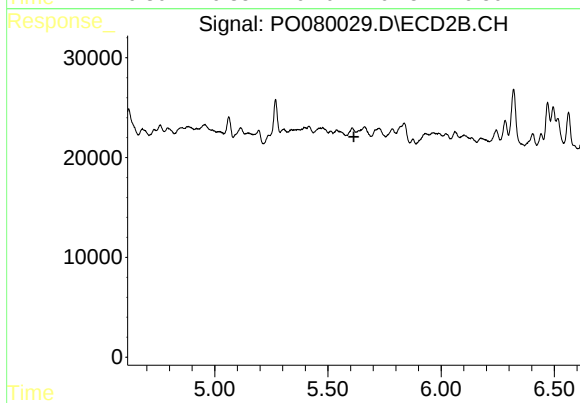
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.418 min
Response: 0
Conc: N.D.



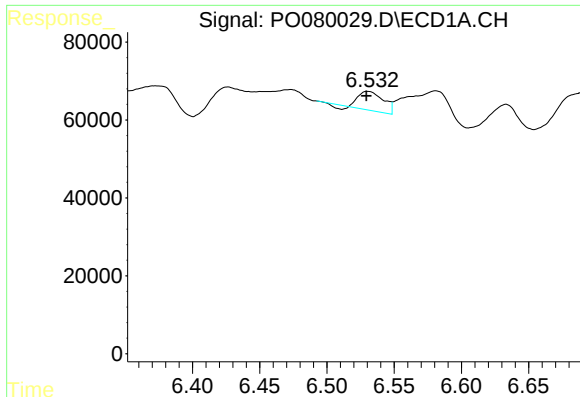
#18 AR-1242-3

R.T.: 6.426 min
Delta R.T.: 0.005 min
Response: 54260
Conc: 38.22 ng/ml



#18 AR-1242-3

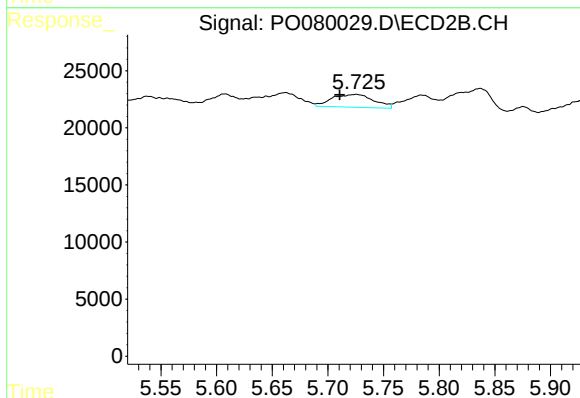
R.T.: 0.000 min
Exp R.T. : 5.614 min
Response: 0
Conc: N.D.



#19 AR-1242-4

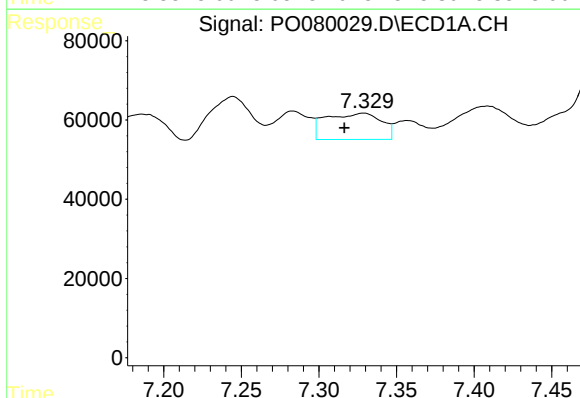
R.T.: 6.530 min
Delta R.T.: 0.001 min
Response: 62012
Conc: 54.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



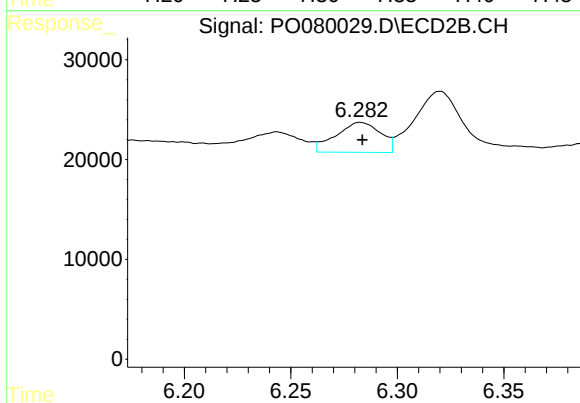
#19 AR-1242-4

R.T.: 5.726 min
Delta R.T.: 0.015 min
Response: 29415
Conc: 52.39 ng/ml



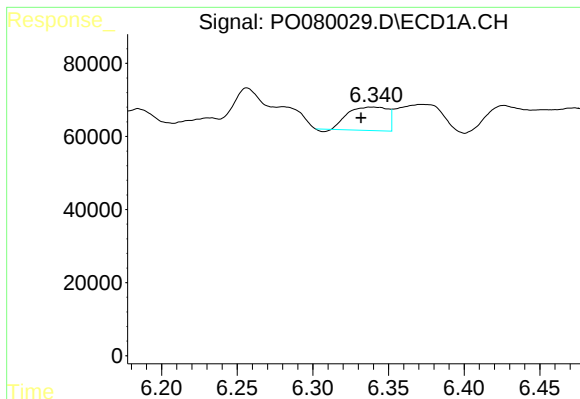
#20 AR-1242-5

R.T.: 7.329 min
Delta R.T.: 0.012 min
Response: 165204
Conc: 130.12 ng/ml



#20 AR-1242-5

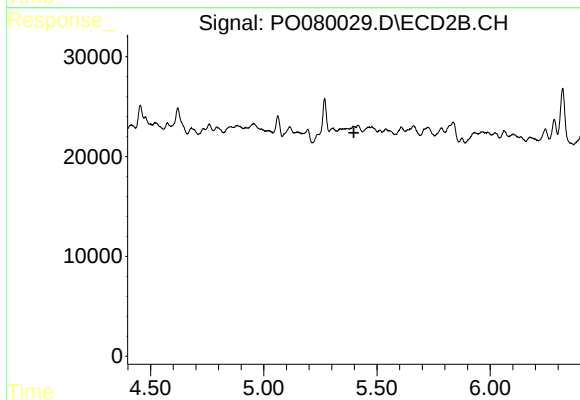
R.T.: 6.283 min
Delta R.T.: -0.001 min
Response: 43796
Conc: 67.31 ng/ml



#21 AR-1248-1

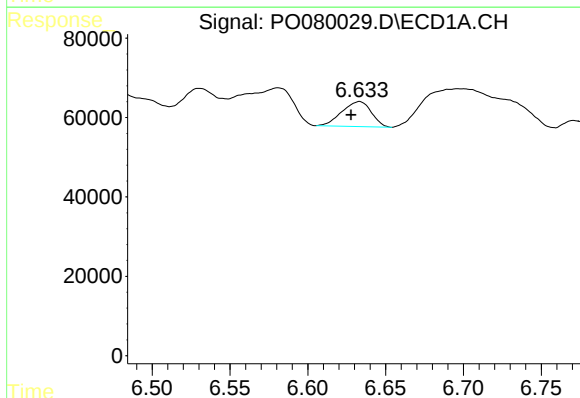
R.T.: 6.339 min
Delta R.T.: 0.007 min
Response: 115468
Conc: 91.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



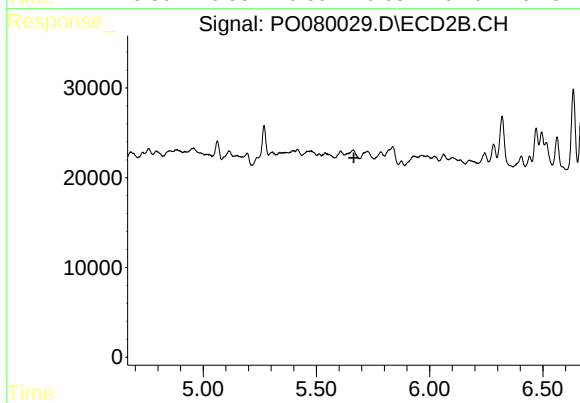
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.398 min
Response: 0
Conc: N.D.



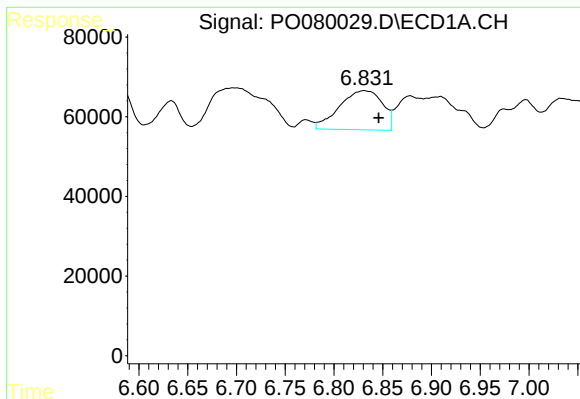
#22 AR-1248-2

R.T.: 6.633 min
Delta R.T.: 0.005 min
Response: 82645
Conc: 47.41 ng/ml



#22 AR-1248-2

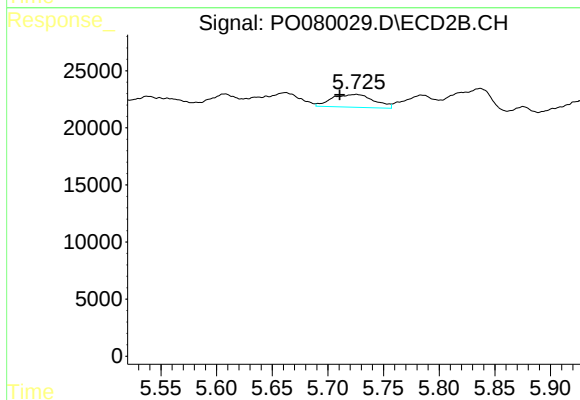
R.T.: 0.000 min
Exp R.T. : 5.665 min
Response: 0
Conc: N.D.



#23 AR-1248-3

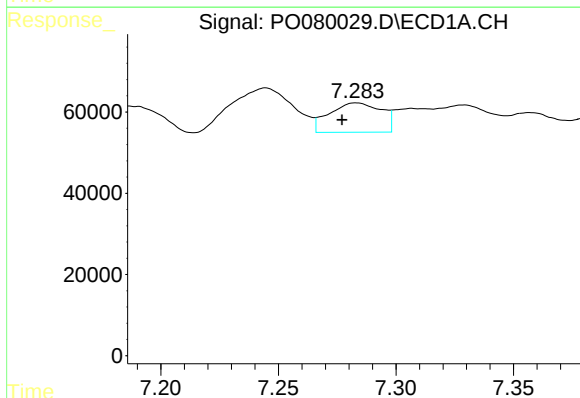
R.T.: 6.831 min
Delta R.T.: -0.015 min
Response: 302111
Conc: 147.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



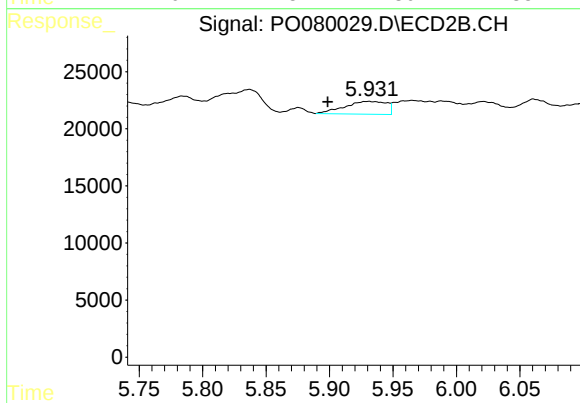
#23 AR-1248-3

R.T.: 5.726 min
Delta R.T.: 0.015 min
Response: 29415
Conc: 35.44 ng/ml



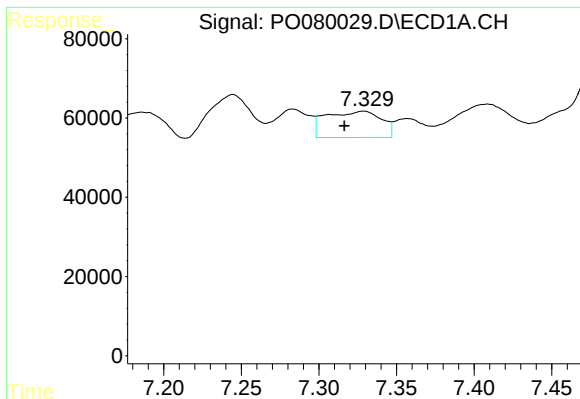
#24 AR-1248-4

R.T.: 7.283 min
Delta R.T.: 0.006 min
Response: 111315
Conc: 47.55 ng/ml



#24 AR-1248-4

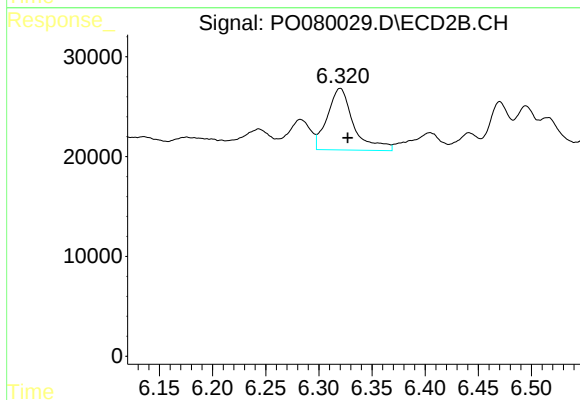
R.T.: 5.930 min
Delta R.T.: 0.032 min
Response: 25923
Conc: 27.43 ng/ml



#25 AR-1248-5

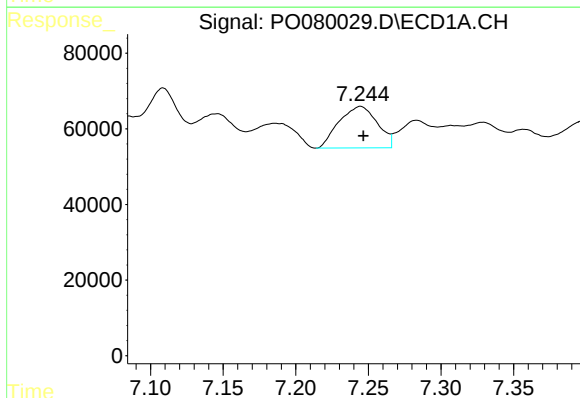
R.T.: 7.329 min
Delta R.T.: 0.012 min
Response: 165204
Conc: 72.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



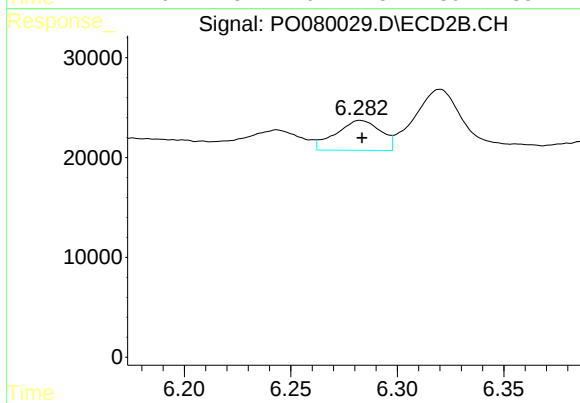
#25 AR-1248-5

R.T.: 6.320 min
Delta R.T.: -0.007 min
Response: 106448
Conc: 116.10 ng/ml



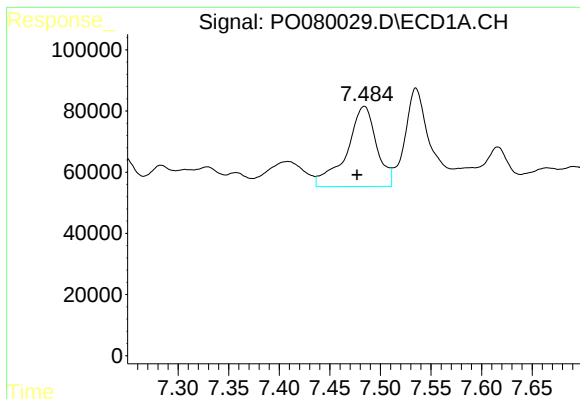
#26 AR-1254-1

R.T.: 7.245 min
Delta R.T.: -0.002 min
Response: 201343
Conc: 92.17 ng/ml



#26 AR-1254-1

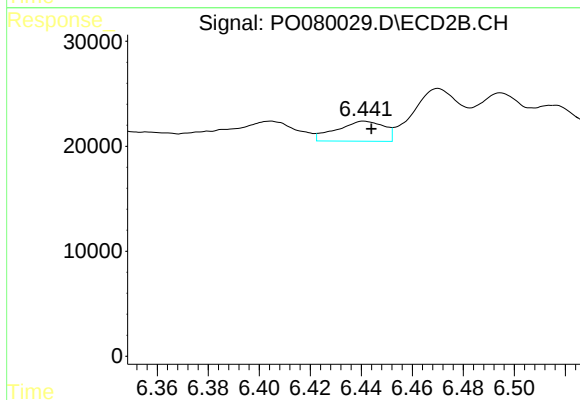
R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 43796
Conc: 32.30 ng/ml



#27 AR-1254-2

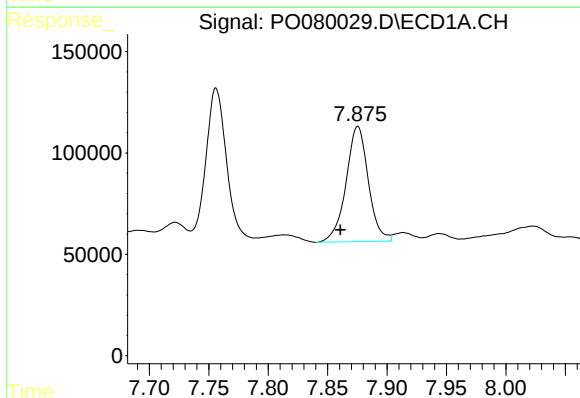
R.T.: 7.484 min
Delta R.T.: 0.007 min
Response: 539514
Conc: 164.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



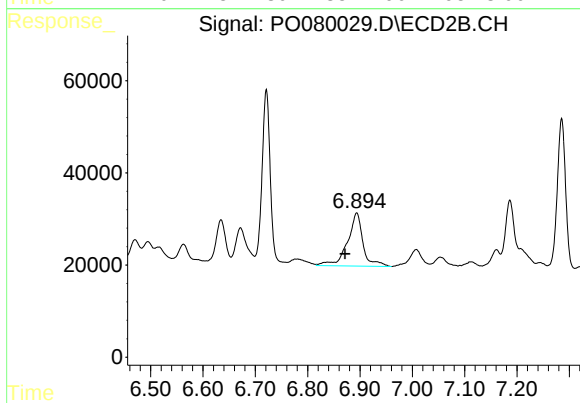
#27 AR-1254-2

R.T.: 6.441 min
Delta R.T.: -0.003 min
Response: 24760
Conc: 20.65 ng/ml



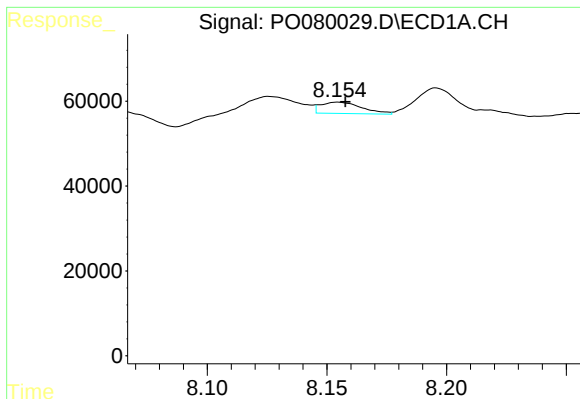
#28 AR-1254-3

R.T.: 7.875 min
Delta R.T.: 0.015 min
Response: 743676
Conc: 215.99 ng/ml



#28 AR-1254-3

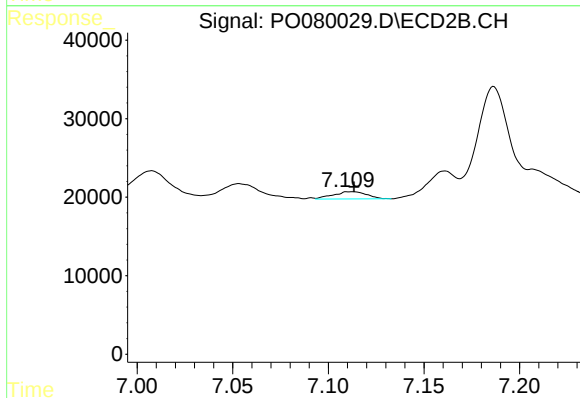
R.T.: 6.894 min
Delta R.T.: 0.022 min
Response: 238253
Conc: 127.34 ng/ml



#29 AR-1254-4

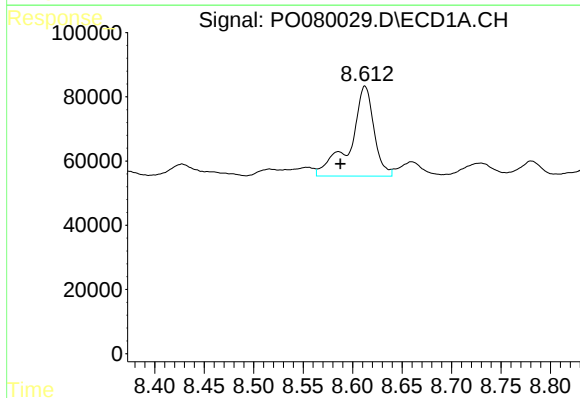
R.T.: 8.155 min
Delta R.T.: -0.003 min
Response: 31906
Conc: 12.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



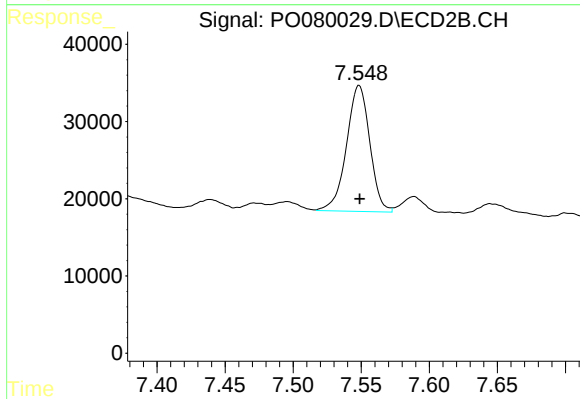
#29 AR-1254-4

R.T.: 7.112 min
Delta R.T.: -0.001 min
Response: 11229
Conc: 9.48 ng/ml



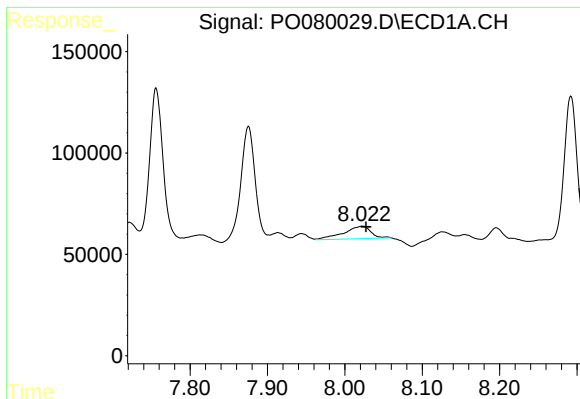
#30 AR-1254-5

R.T.: 8.613 min
Delta R.T.: 0.025 min
Response: 463215
Conc: 174.18 ng/ml



#30 AR-1254-5

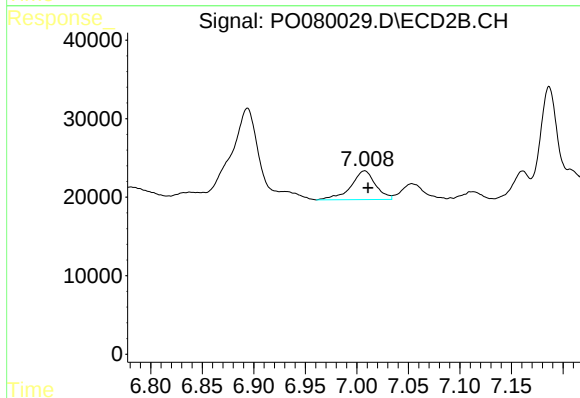
R.T.: 7.548 min
Delta R.T.: 0.000 min
Response: 194204
Conc: 121.23 ng/ml



#31 AR-1260-1

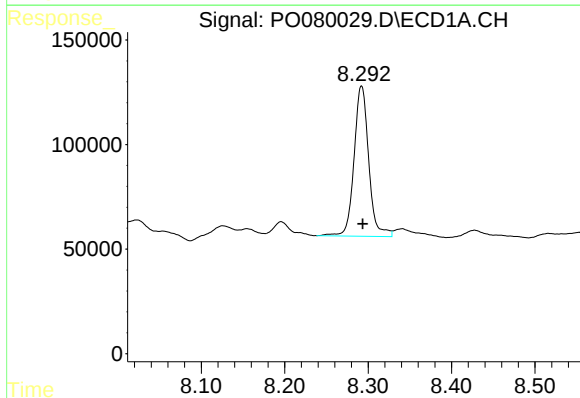
R.T.: 8.022 min
Delta R.T.: -0.005 min
Response: 148556
Conc: 60.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



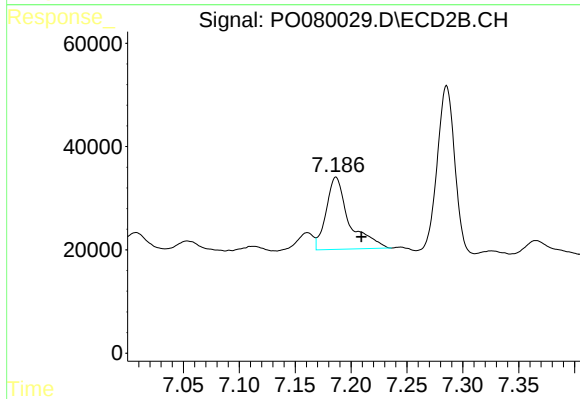
#31 AR-1260-1

R.T.: 7.008 min
Delta R.T.: -0.003 min
Response: 60799
Conc: 46.97 ng/ml



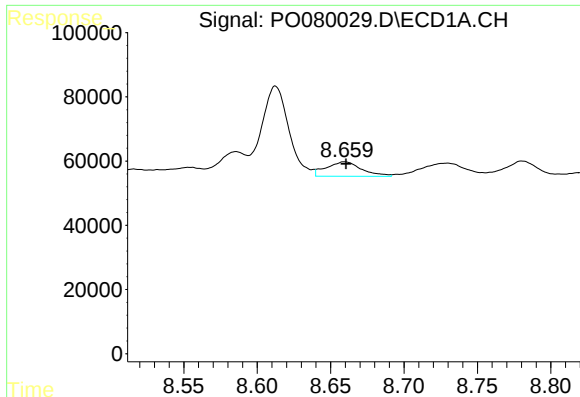
#32 AR-1260-2

R.T.: 8.292 min
Delta R.T.: -0.001 min
Response: 878317
Conc: 285.80 ng/ml



#32 AR-1260-2

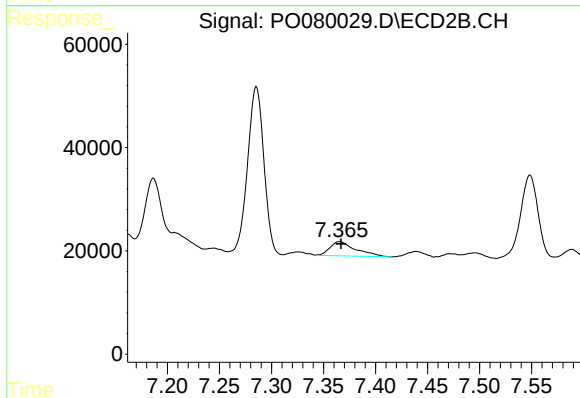
R.T.: 7.186 min
Delta R.T.: -0.023 min
Response: 200119
Conc: 130.82 ng/ml



#33 AR-1260-3

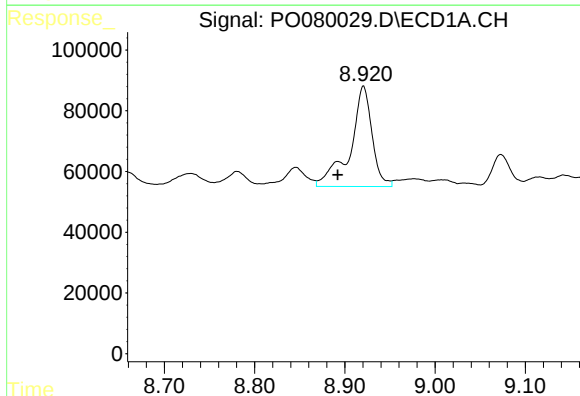
R.T.: 8.660 min
Delta R.T.: 0.000 min
Response: 75826
Conc: 34.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



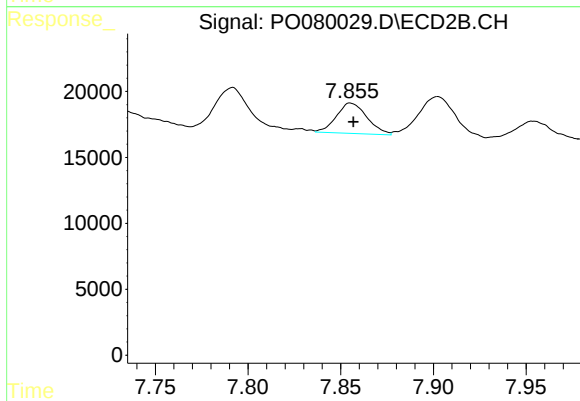
#33 AR-1260-3

R.T.: 7.366 min
Delta R.T.: -0.001 min
Response: 47030
Conc: 32.21 ng/ml



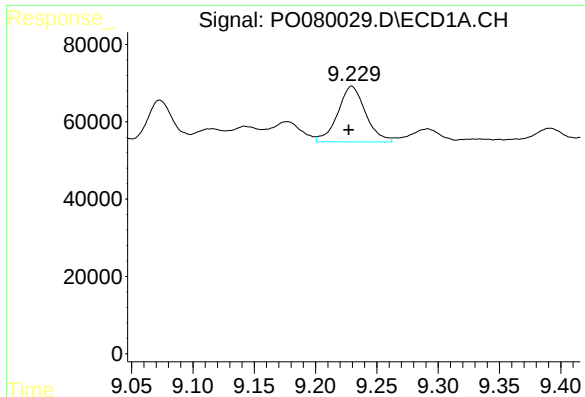
#34 AR-1260-4

R.T.: 8.921 min
Delta R.T.: 0.028 min
Response: 556218
Conc: 216.67 ng/ml



#34 AR-1260-4

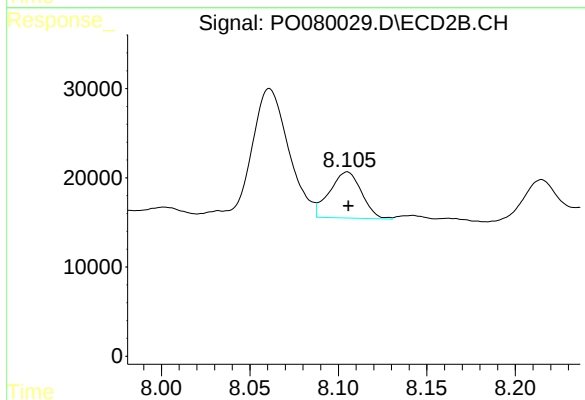
R.T.: 7.856 min
Delta R.T.: -0.001 min
Response: 26549
Conc: 22.40 ng/ml



#35 AR-1260-5

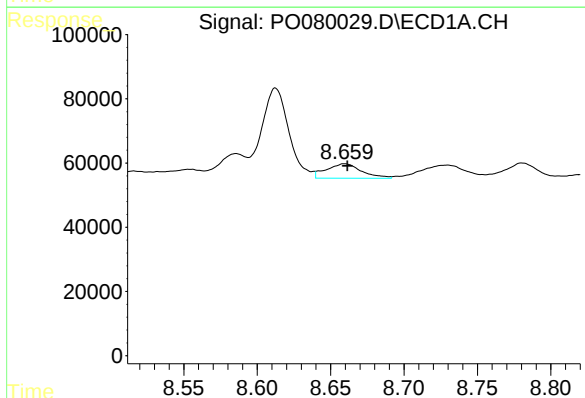
R.T.: 9.230 min
Delta R.T.: 0.003 min
Response: 226807
Conc: 44.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



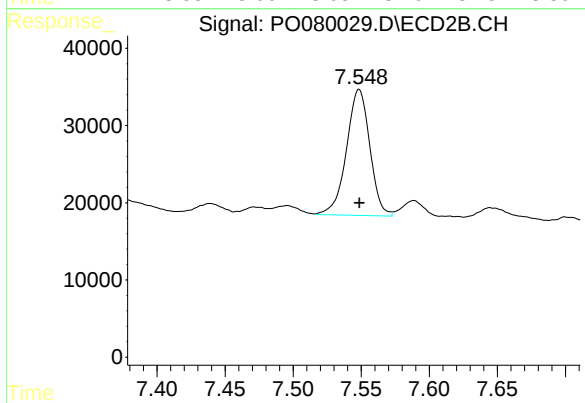
#35 AR-1260-5

R.T.: 8.105 min
Delta R.T.: 0.000 min
Response: 65246
Conc: 24.70 ng/ml



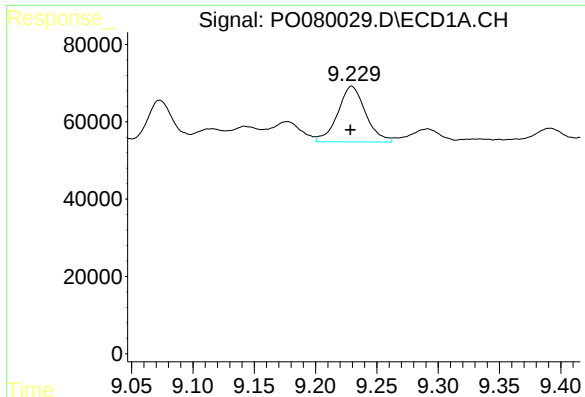
#36 AR-1262-1

R.T.: 8.660 min
Delta R.T.: -0.002 min
Response: 75826
Conc: 23.71 ng/ml



#36 AR-1262-1

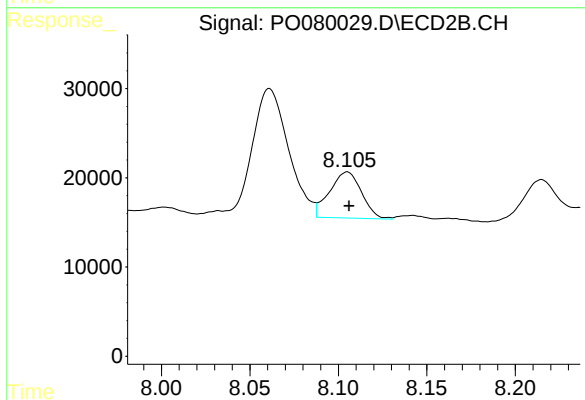
R.T.: 7.548 min
Delta R.T.: 0.000 min
Response: 194204
Conc: 230.71 ng/ml



#37 AR-1262-2

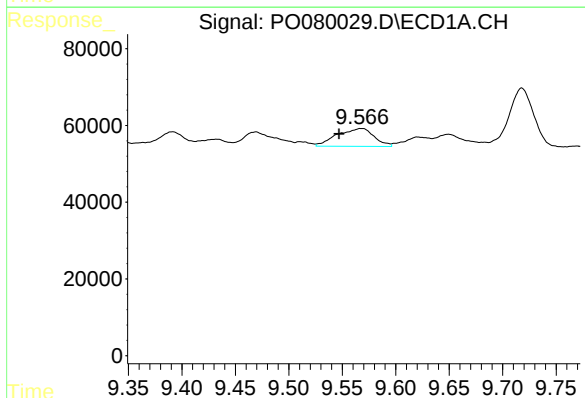
R.T.: 9.230 min
Delta R.T.: 0.001 min
Response: 226807
Conc: 41.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



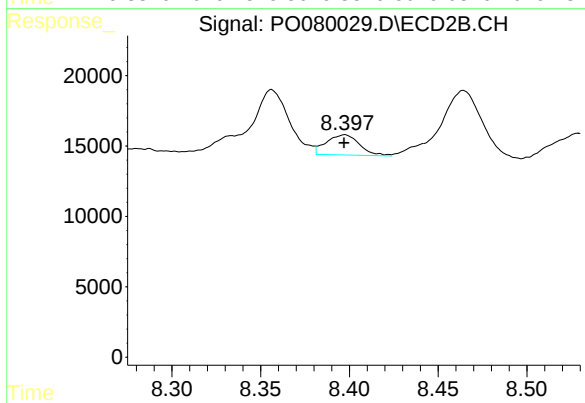
#37 AR-1262-2

R.T.: 8.105 min
Delta R.T.: -0.001 min
Response: 65246
Conc: 24.30 ng/ml



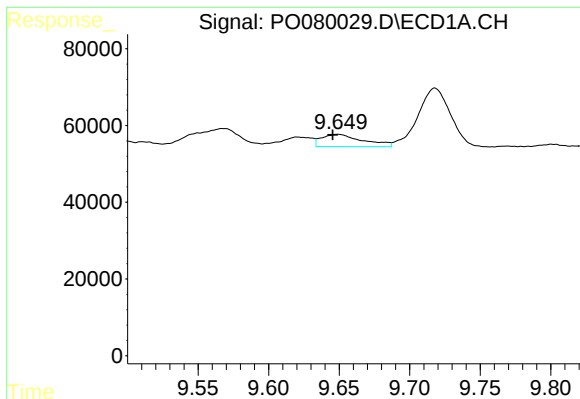
#38 AR-1262-3

R.T.: 9.568 min
Delta R.T.: 0.021 min
Response: 112068
Conc: 29.63 ng/ml



#38 AR-1262-3

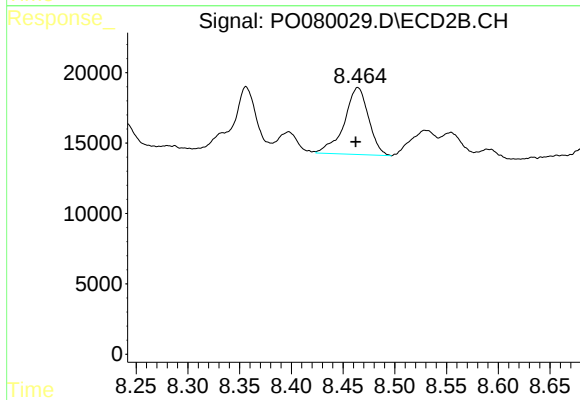
R.T.: 8.397 min
Delta R.T.: 0.000 min
Response: 18623
Conc: 16.77 ng/ml



#39 AR-1262-4

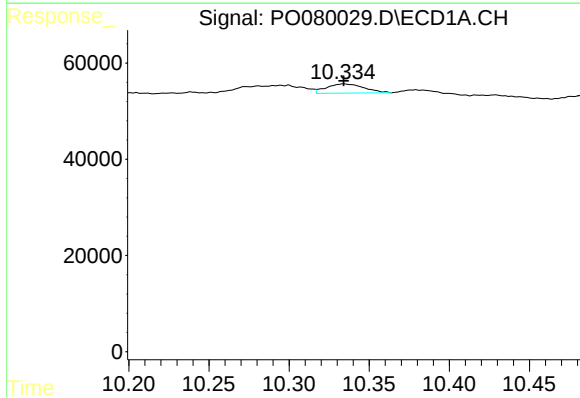
R.T.: 9.649 min
Delta R.T.: 0.004 min
Response: 65457
Conc: 23.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



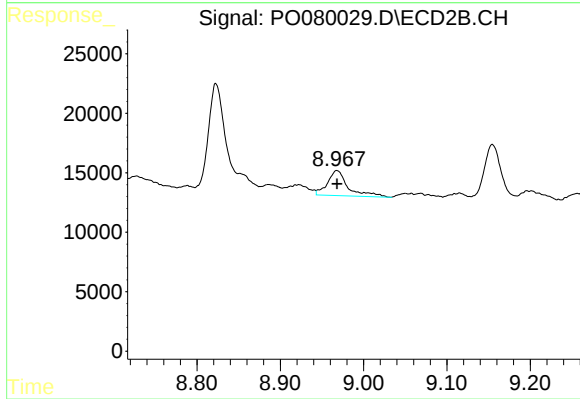
#39 AR-1262-4

R.T.: 8.464 min
Delta R.T.: 0.002 min
Response: 77841
Conc: 38.93 ng/ml



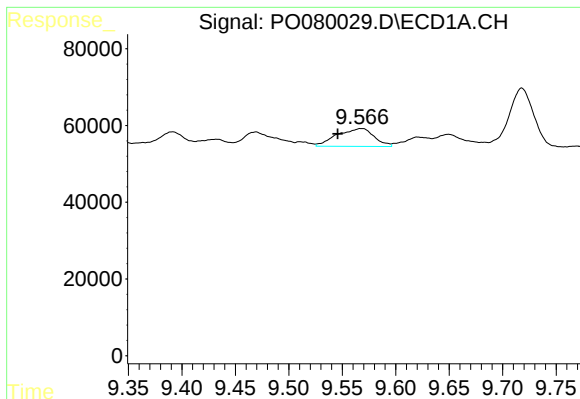
#40 AR-1262-5

R.T.: 10.335 min
Delta R.T.: 0.000 min
Response: 31160
Conc: 16.39 ng/ml



#40 AR-1262-5

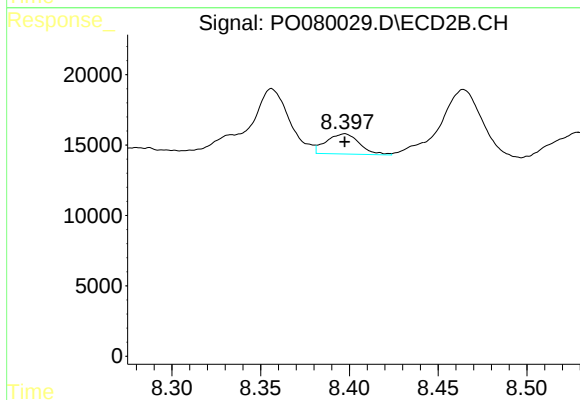
R.T.: 8.968 min
Delta R.T.: 0.000 min
Response: 35978
Conc: 36.88 ng/ml



#41 AR-1268-1

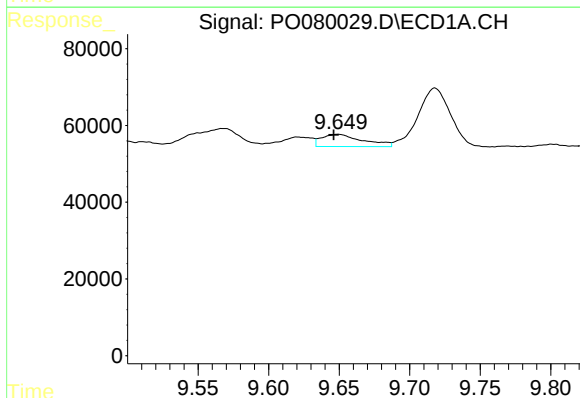
R.T.: 9.568 min
Delta R.T.: 0.022 min
Response: 112068
Conc: 17.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



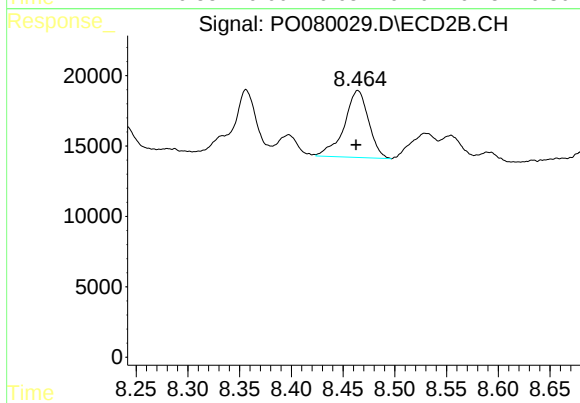
#41 AR-1268-1

R.T.: 8.397 min
Delta R.T.: 0.000 min
Response: 18623
Conc: 6.13 ng/ml



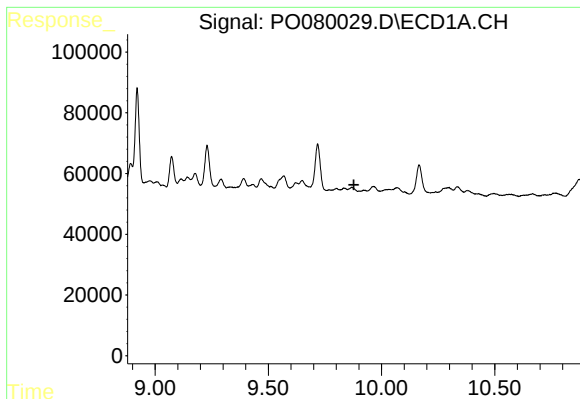
#42 AR-1268-2

R.T.: 9.649 min
Delta R.T.: 0.003 min
Response: 65457
Conc: 11.00 ng/ml



#42 AR-1268-2

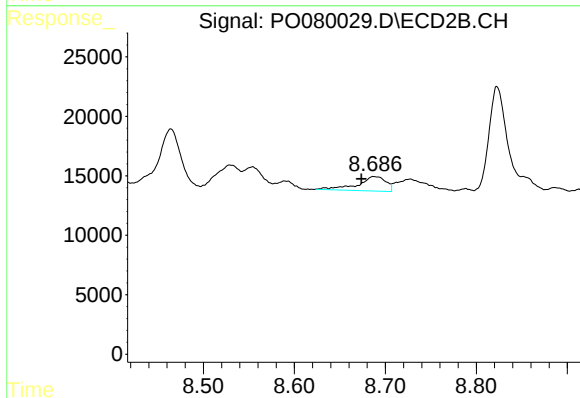
R.T.: 8.464 min
Delta R.T.: 0.002 min
Response: 77841
Conc: 28.61 ng/ml



#43 AR-1268-3

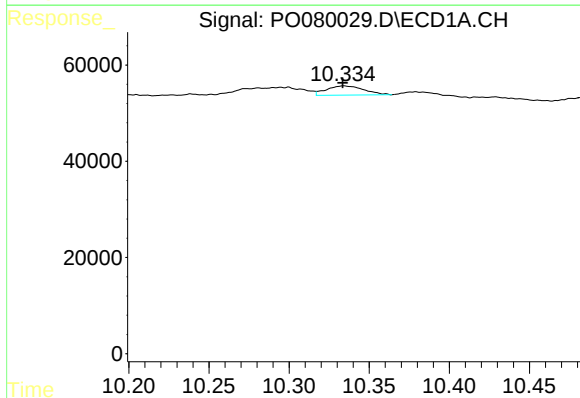
R.T.: 0.000 min
Exp R.T.: 9.878 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



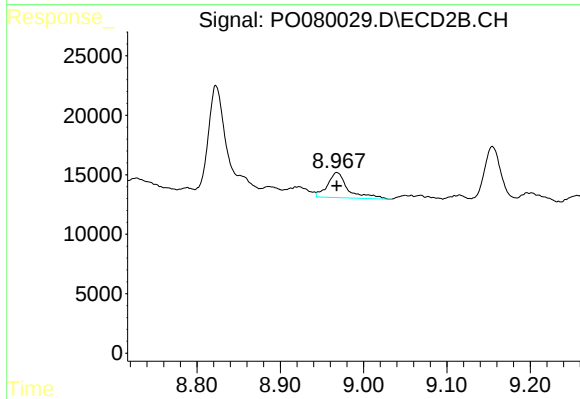
#43 AR-1268-3

R.T.: 8.687 min
Delta R.T.: 0.013 min
Response: 26581
Conc: 11.47 ng/ml



#44 AR-1268-4

R.T.: 10.335 min
Delta R.T.: 0.001 min
Response: 31160
Conc: 13.56 ng/ml



#44 AR-1268-4

R.T.: 8.968 min
Delta R.T.: 0.000 min
Response: 35978
Conc: 33.60 ng/ml