

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102822\
 Data File : PO089996.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2022 11:21
 Operator : YP/AJ
 Sample : N4955-08
 Misc : AR1254 LOQ 50 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:43:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 28 05:05:44 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.305	3.484	62015122	20398176	19.296	19.193
2)	SA Decachlor...	10.048	8.489	55635747	21643968	22.703	21.015
Target Compounds							
3)	L1 AR-1016-1	5.481	0.000	159282	0	1.497	N.D. #
4)	L1 AR-1016-2	5.508	0.000	218733	0	1.436	N.D. #
5)	L1 AR-1016-3	5.561	4.807f	253530	1026267	2.683	35.348 #
6)	L1 AR-1016-4	0.000	4.807	0	1026267	N.D.	41.343 #
7)	L1 AR-1016-5	5.959	5.020	1690960	547106	21.909	17.810
8)	L2 AR-1221-1	4.513	3.768f	9810833	1154405	257.026	86.407 #
9)	L2 AR-1221-2	4.610	3.768	1138259	1154405	40.040	113.747 #
10)	L2 AR-1221-3	4.681	0.000	294589	0	3.440	N.D. #
11)	L3 AR-1232-1	4.681	0.000	294589	0	4.499	N.D. #
13)	L3 AR-1232-3	5.508	4.807f	218733	1026267	3.264	80.816 #
14)	L3 AR-1232-4	0.000	4.848	0	259479	N.D.	21.282 #
15)	L3 AR-1232-5	5.754	5.020	3093384	547106	116.762	40.976 #
16)	L4 AR-1242-1	5.481	0.000	159282	0	1.925	N.D. #
17)	L4 AR-1242-2	5.508	0.000	218733	0	1.852	N.D. #
18)	L4 AR-1242-3	5.561	4.807f	253530	1026267	3.406	46.411 #
19)	L4 AR-1242-4	0.000	4.848	0	259479	N.D.	10.942 #
20)	L4 AR-1242-5	6.407	5.374	1612999	2327860	26.241	81.379 #
21)	L5 AR-1248-1	5.481	0.000	159282	0	2.518	N.D. #
22)	L5 AR-1248-2	5.754	4.807	3093384	1026267	32.665	31.566
23)	L5 AR-1248-3	5.959	4.848	1690960	259479	17.153	7.698 #
24)	L5 AR-1248-4	6.365	5.020	2393258	547106	22.447	14.147 #
25)	L5 AR-1248-5	6.407	5.416	1612999	231779	15.355	6.401 #
26)	L6 AR-1254-1	6.338	5.374	5166194	2327860	44.576	39.519
27)	L6 AR-1254-2	6.559	5.523	7660264	2200447	44.041	41.068
28)	L6 AR-1254-3	6.926	5.926	7489926	3402535	43.143	41.052
29)	L6 AR-1254-4	7.214	6.157	5445241	1939711	42.719	39.056
30)	L6 AR-1254-5	7.634	6.577	5608407	2753898	39.816	36.780
31)	L7 AR-1260-1	7.092	6.059	3093251	1656744	22.065	27.520
32)	L7 AR-1260-2	7.352	6.247	3754434	1298855	23.207	17.979
33)	L7 AR-1260-3	7.696	6.399	703675	1326476	6.698	19.907 #
34)	L7 AR-1260-4	7.922	6.875	2427360	121022	19.648	2.379 #
35)	L7 AR-1260-5	8.252	7.117	674978	378002	2.966	3.254
36)	L8 AR-1262-1	7.696	6.645	703675	138067	4.245	1.822 #
37)	L8 AR-1262-2	8.252	7.117	674978	378002	2.402	2.948
38)	L8 AR-1262-3	8.576	7.465f	738017	338791	3.759	6.221 #
39)	L8 AR-1262-4	8.619f	7.465	301062	338791	3.094	3.488
40)	L8 AR-1262-5	0.000	7.994	0	757386	N.D.	15.958 #
41)	L9 AR-1268-1	8.576	7.465f	738017	338791	2.117	2.150
42)	L9 AR-1268-2	8.619f	7.465	301062	338791	0.965	2.415 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102822\
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 Operator : YP/AJ
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 Misc : AR1254 LOQ 50 PPB
 ALS Vial : 10 Sample Multiplier: 1

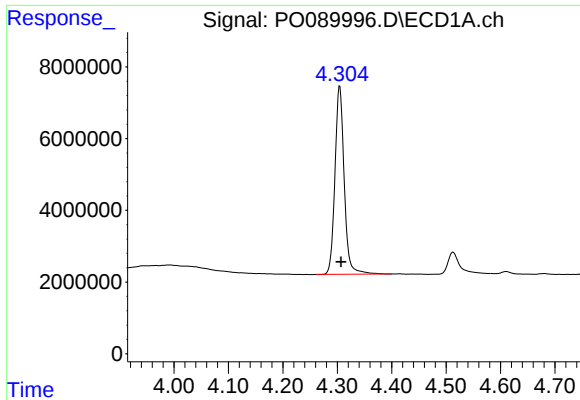
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:43:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.876	0.000	54210	0	0.202	N.D. #
44) L9	AR-1268-4	0.000	7.994	0	757386	N.D.	13.946 #
45) L9	AR-1268-5	0.000	8.245	0	324622	N.D.	0.927 #

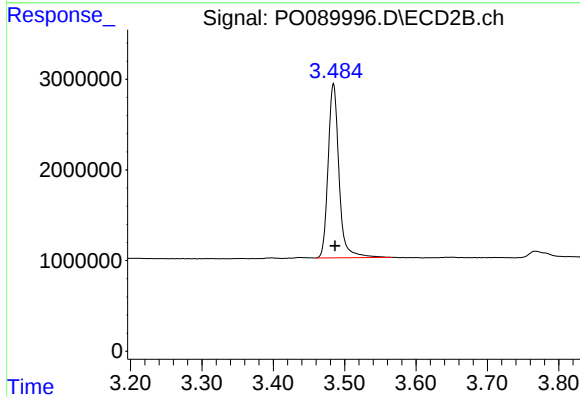
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

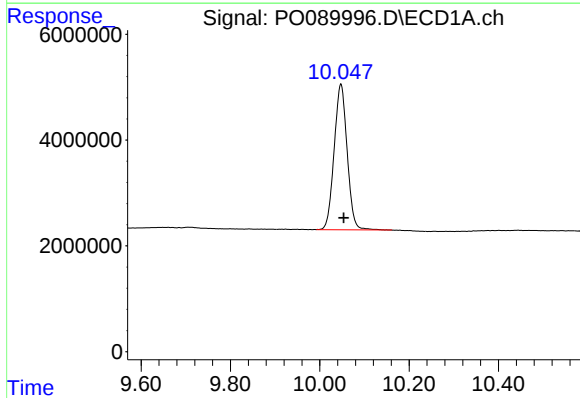
R.T.: 4.305 min
Delta R.T.: -0.003 min
Response: 62015122
Conc: 19.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



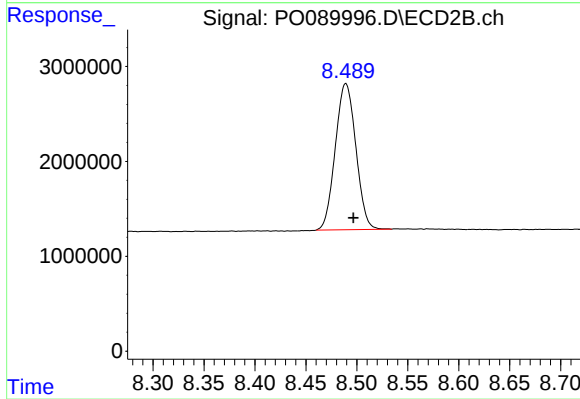
#1 Tetrachloro-m-xylene

R.T.: 3.484 min
Delta R.T.: -0.002 min
Response: 20398176
Conc: 19.19 ng/ml



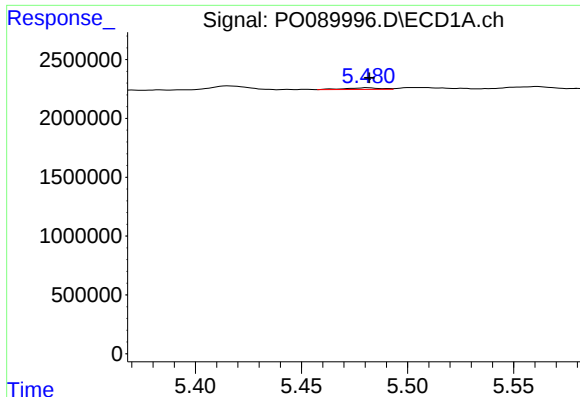
#2 Decachlorobiphenyl

R.T.: 10.048 min
Delta R.T.: -0.006 min
Response: 55635747
Conc: 22.70 ng/ml



#2 Decachlorobiphenyl

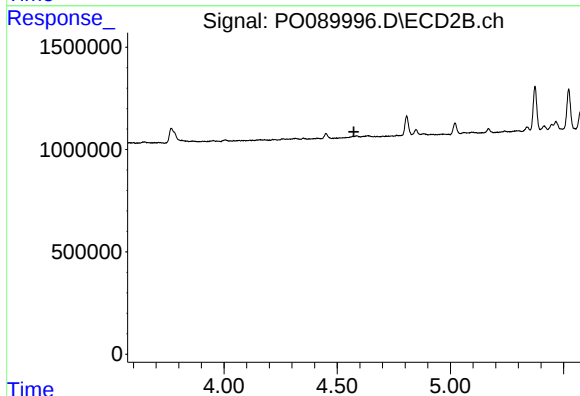
R.T.: 8.489 min
Delta R.T.: -0.007 min
Response: 21643968
Conc: 21.02 ng/ml



#3 AR-1016-1

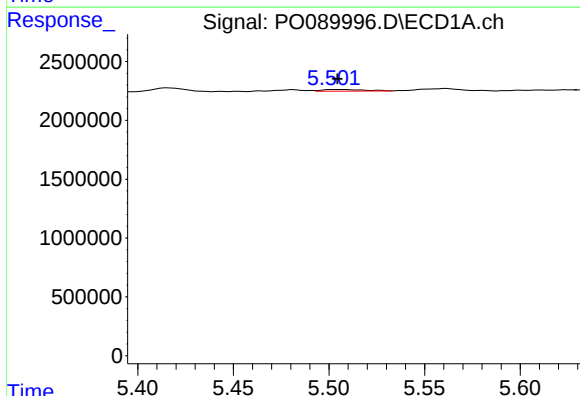
R.T.: 5.481 min
Delta R.T.: 0.000 min
Response: 159282
Conc: 1.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



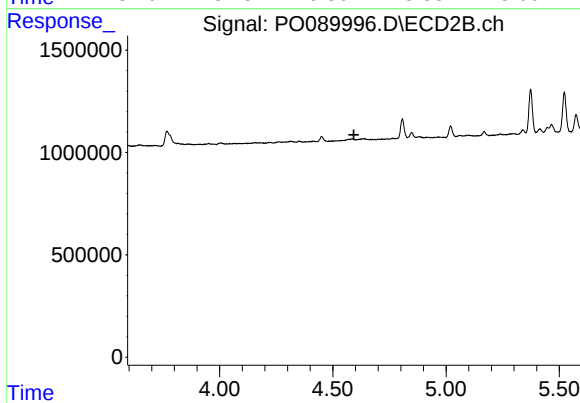
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.574 min
Response: 0
Conc: N.D.



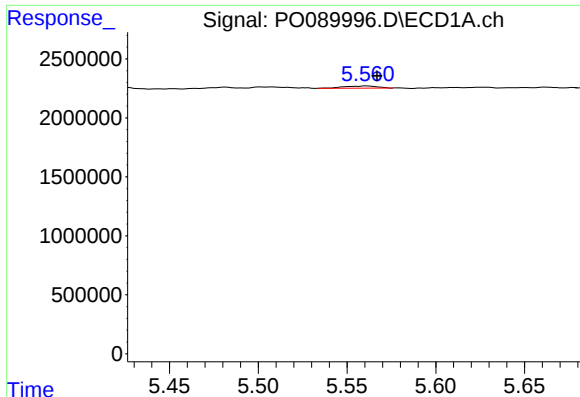
#4 AR-1016-2

R.T.: 5.508 min
Delta R.T.: 0.003 min
Response: 218733
Conc: 1.44 ng/ml



#4 AR-1016-2

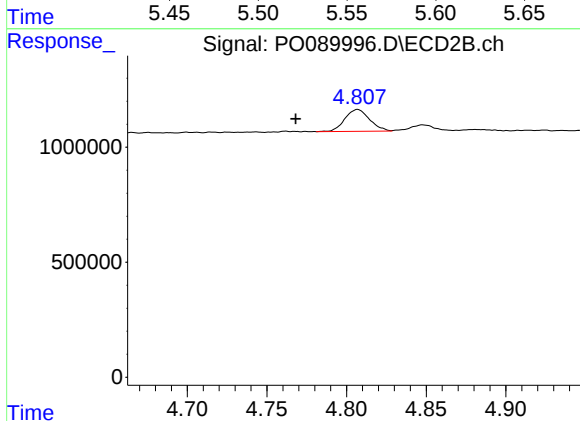
R.T.: 0.000 min
Exp R.T. : 4.593 min
Response: 0
Conc: N.D.



#5 AR-1016-3

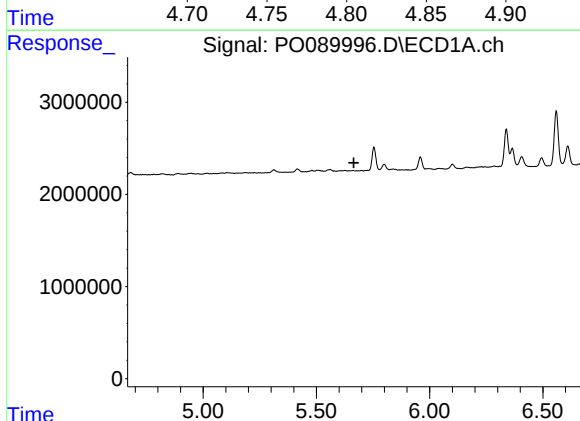
R.T.: 5.561 min
Delta R.T.: -0.006 min
Response: 253530
Conc: 2.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



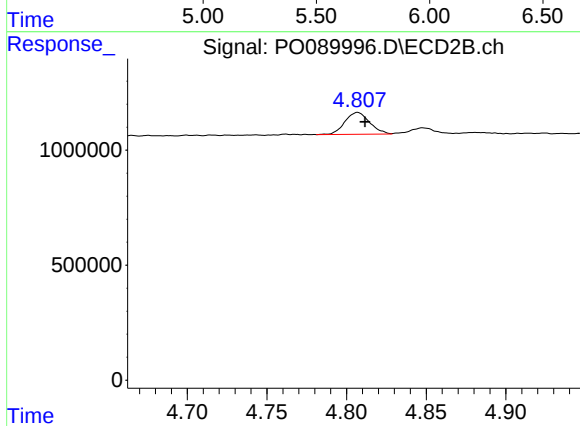
#5 AR-1016-3

R.T.: 4.807 min
Delta R.T.: 0.039 min
Response: 1026267
Conc: 35.35 ng/ml



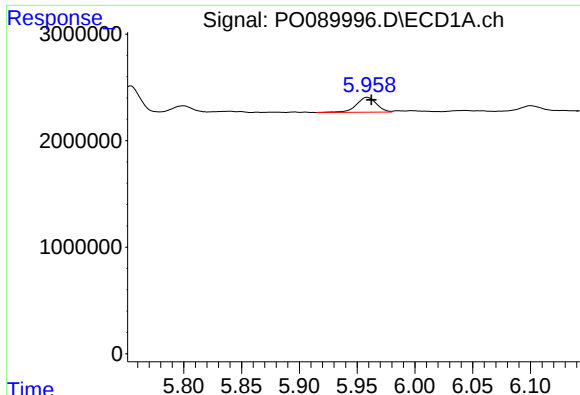
#6 AR-1016-4

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



#6 AR-1016-4

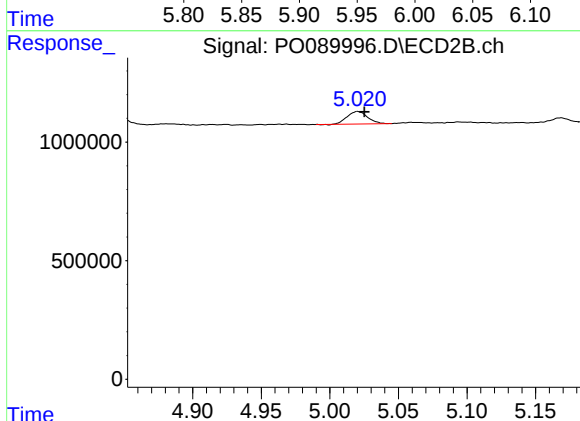
R.T.: 4.807 min
Delta R.T.: -0.005 min
Response: 1026267
Conc: 41.34 ng/ml



#7 AR-1016-5

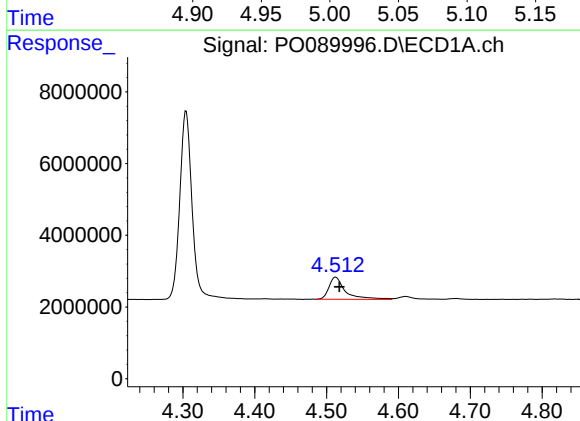
R.T.: 5.959 min
Delta R.T.: -0.003 min
Response: 1690960
Conc: 21.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



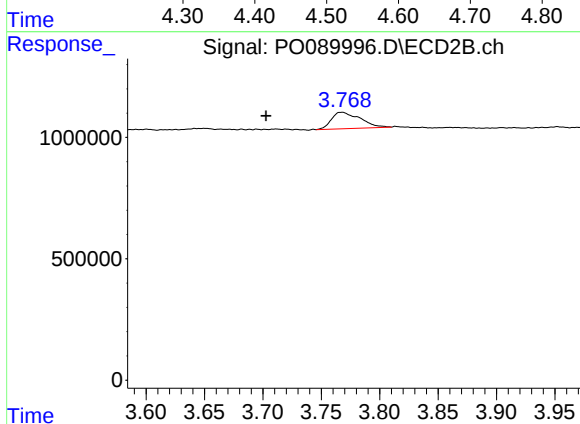
#7 AR-1016-5

R.T.: 5.020 min
Delta R.T.: -0.005 min
Response: 547106
Conc: 17.81 ng/ml



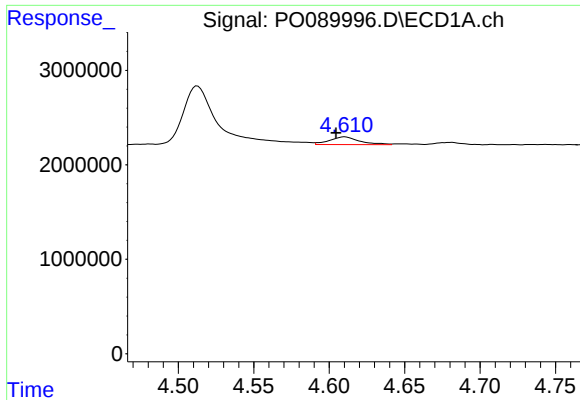
#8 AR-1221-1

R.T.: 4.513 min
Delta R.T.: -0.005 min
Response: 9810833
Conc: 257.03 ng/ml



#8 AR-1221-1

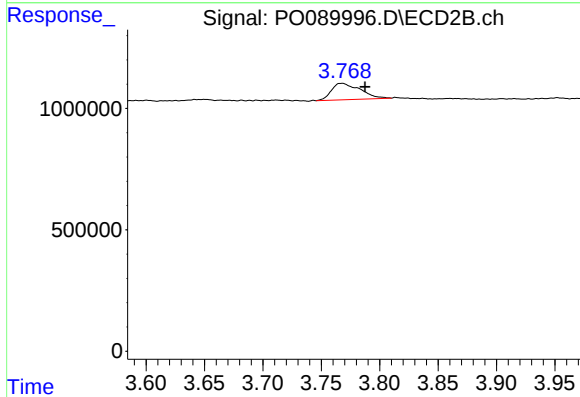
R.T.: 3.768 min
Delta R.T.: 0.065 min
Response: 1154405
Conc: 86.41 ng/ml



#9 AR-1221-2

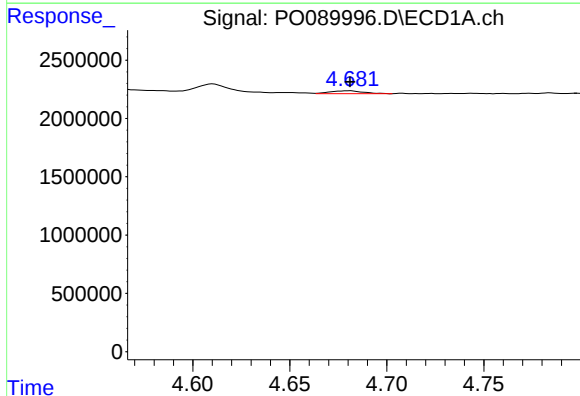
R.T.: 4.610 min
Delta R.T.: 0.006 min
Response: 1138259
Conc: 40.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



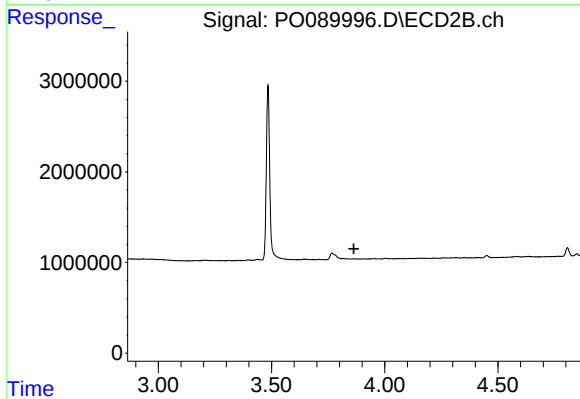
#9 AR-1221-2

R.T.: 3.768 min
Delta R.T.: -0.019 min
Response: 1154405
Conc: 113.75 ng/ml



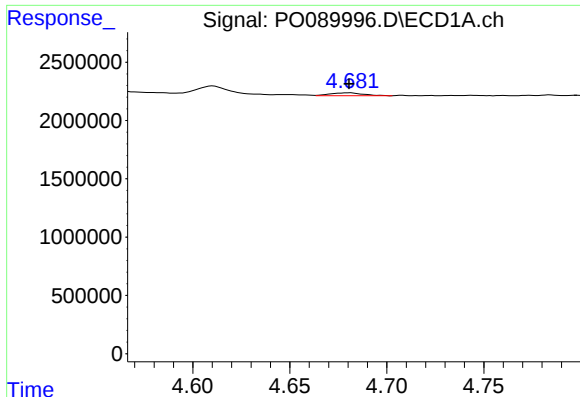
#10 AR-1221-3

R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 294589
Conc: 3.44 ng/ml



#10 AR-1221-3

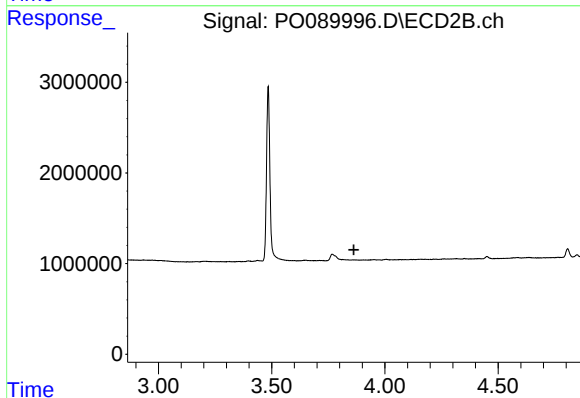
R.T.: 0.000 min
Exp R.T. : 3.864 min
Response: 0
Conc: N.D.



#11 AR-1232-1

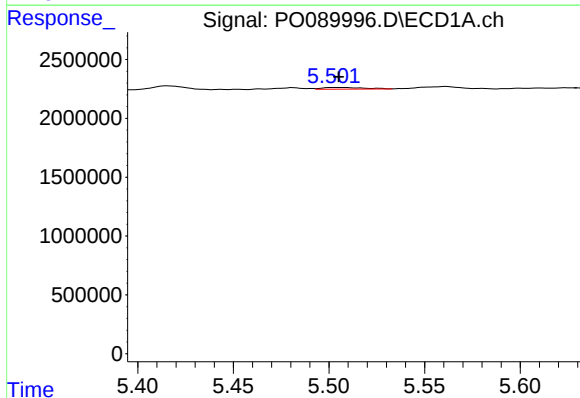
R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 294589
Conc: 4.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



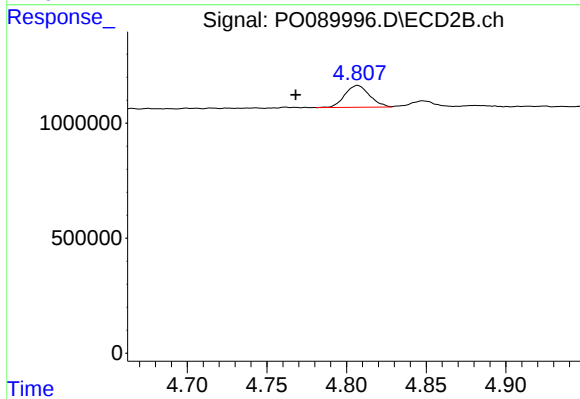
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.863 min
Response: 0
Conc: N.D.



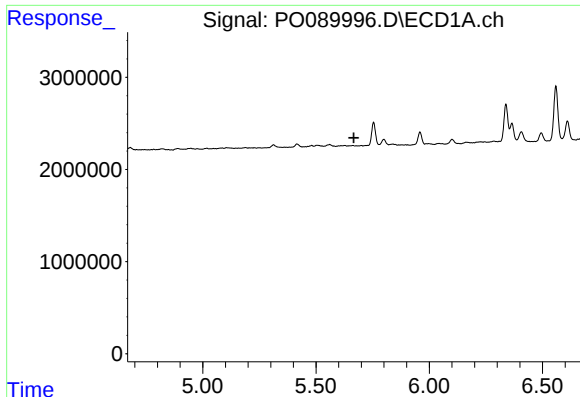
#13 AR-1232-3

R.T.: 5.508 min
Delta R.T.: 0.003 min
Response: 218733
Conc: 3.26 ng/ml



#13 AR-1232-3

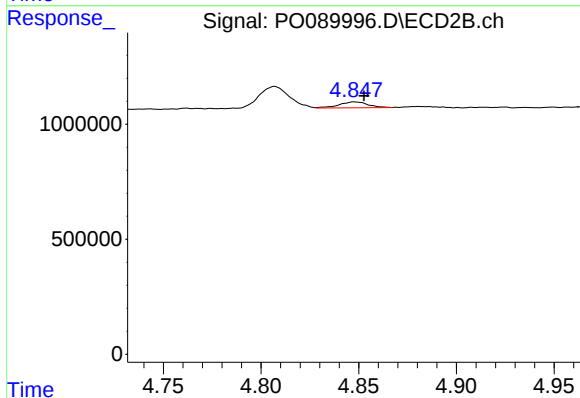
R.T.: 4.807 min
Delta R.T.: 0.039 min
Response: 1026267
Conc: 80.82 ng/ml



#14 AR-1232-4

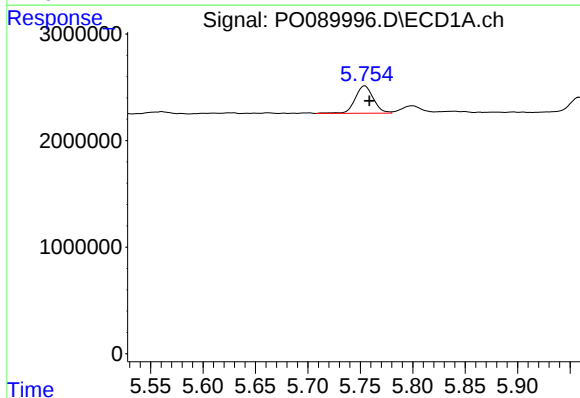
R.T.: 0.000 min
Exp R.T.: 5.666 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



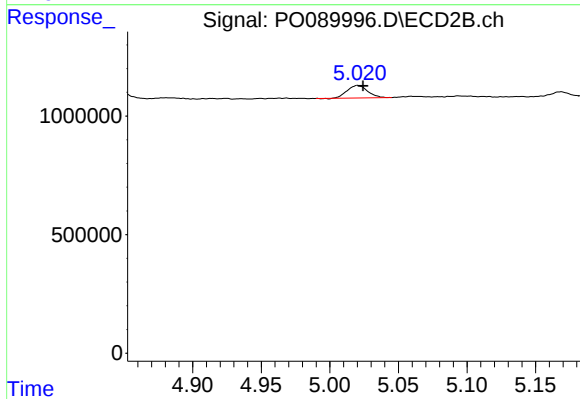
#14 AR-1232-4

R.T.: 4.848 min
Delta R.T.: -0.005 min
Response: 259479
Conc: 21.28 ng/ml



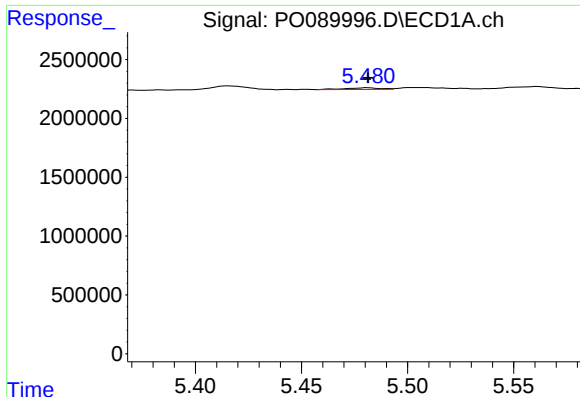
#15 AR-1232-5

R.T.: 5.754 min
Delta R.T.: -0.004 min
Response: 3093384
Conc: 116.76 ng/ml



#15 AR-1232-5

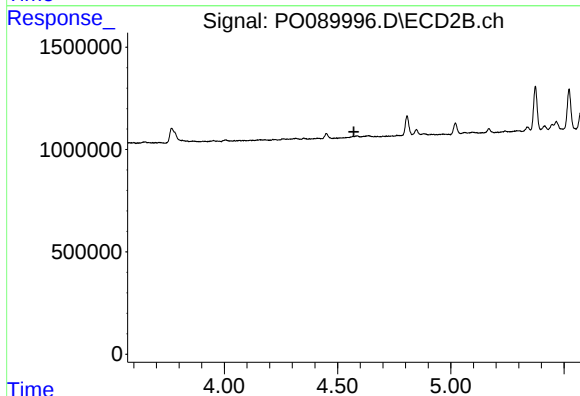
R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 547106
Conc: 40.98 ng/ml



#16 AR-1242-1

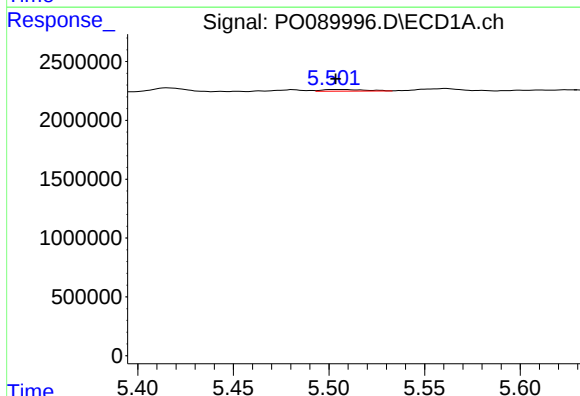
R.T.: 5.481 min
Delta R.T.: 0.000 min
Response: 159282
Conc: 1.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



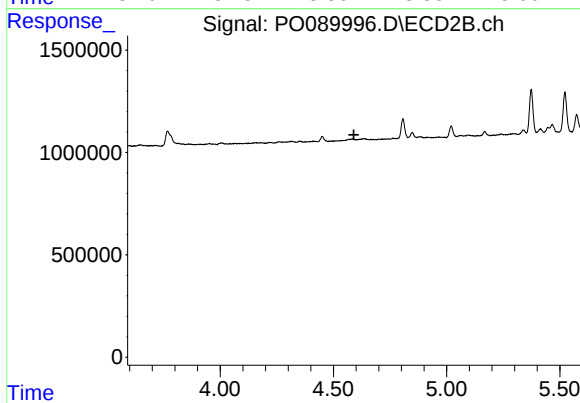
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.572 min
Response: 0
Conc: N.D.



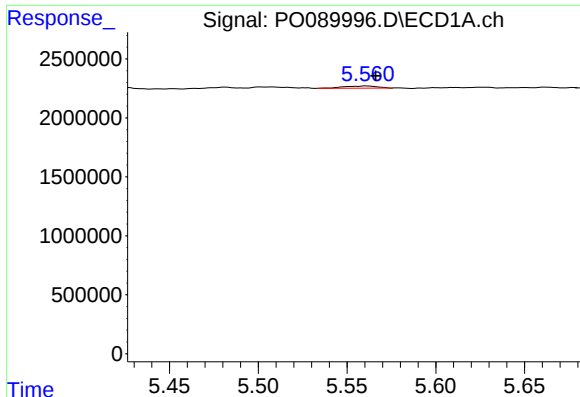
#17 AR-1242-2

R.T.: 5.508 min
Delta R.T.: 0.004 min
Response: 218733
Conc: 1.85 ng/ml



#17 AR-1242-2

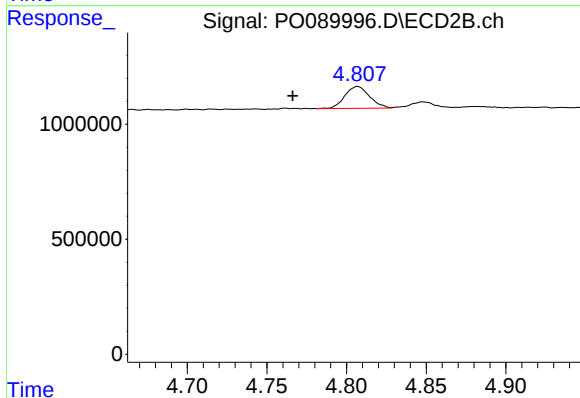
R.T.: 0.000 min
Exp R.T. : 4.591 min
Response: 0
Conc: N.D.



#18 AR-1242-3

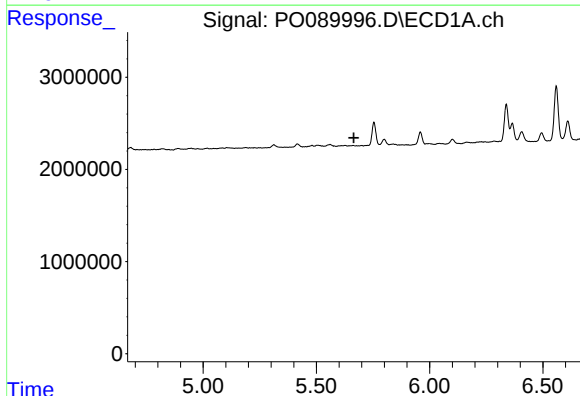
R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 253530
Conc: 3.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



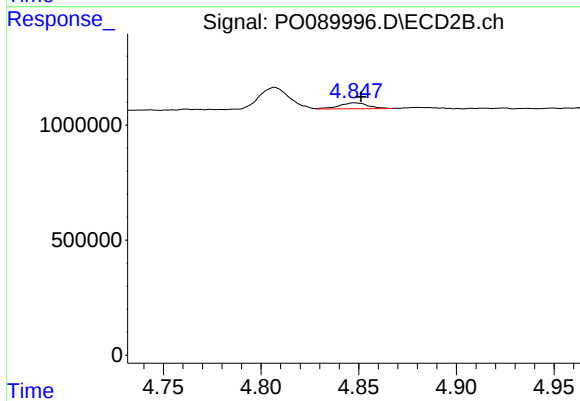
#18 AR-1242-3

R.T.: 4.807 min
Delta R.T.: 0.041 min
Response: 1026267
Conc: 46.41 ng/ml



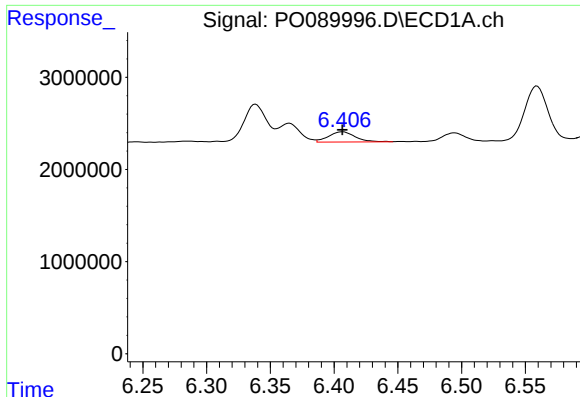
#19 AR-1242-4

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



#19 AR-1242-4

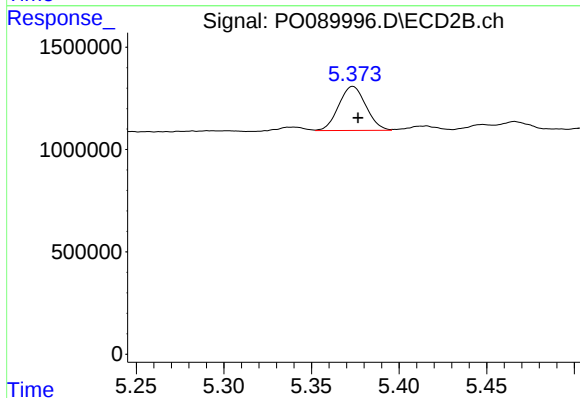
R.T.: 4.848 min
Delta R.T.: -0.003 min
Response: 259479
Conc: 10.94 ng/ml



#20 AR-1242-5

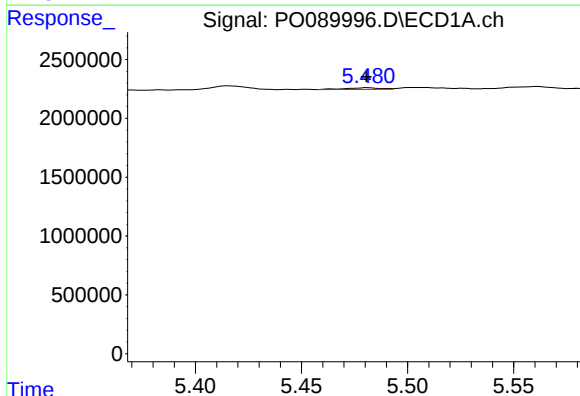
R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 1612999
Conc: 26.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



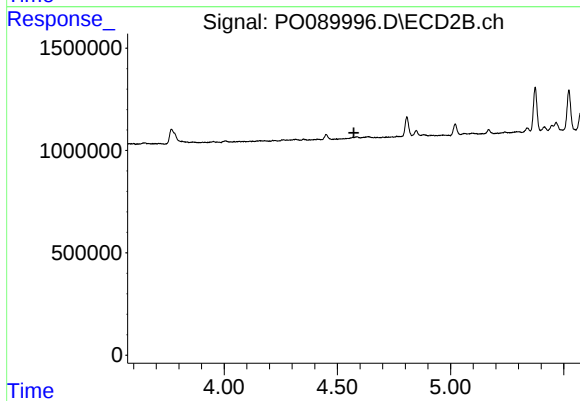
#20 AR-1242-5

R.T.: 5.374 min
Delta R.T.: -0.003 min
Response: 2327860
Conc: 81.38 ng/ml



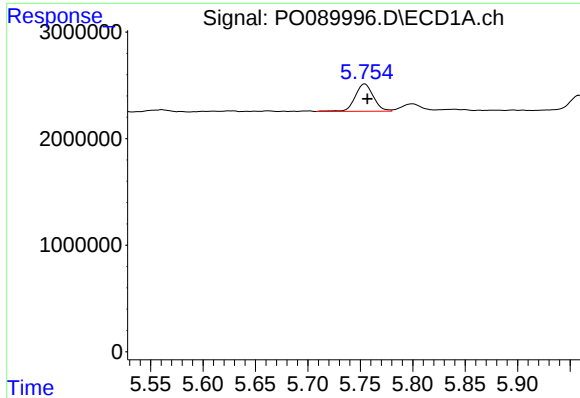
#21 AR-1248-1

R.T.: 5.481 min
Delta R.T.: 0.000 min
Response: 159282
Conc: 2.52 ng/ml



#21 AR-1248-1

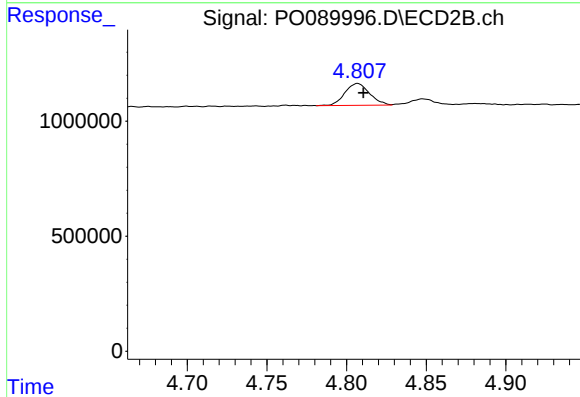
R.T.: 0.000 min
Exp R.T. : 4.573 min
Response: 0
Conc: N.D.



#22 AR-1248-2

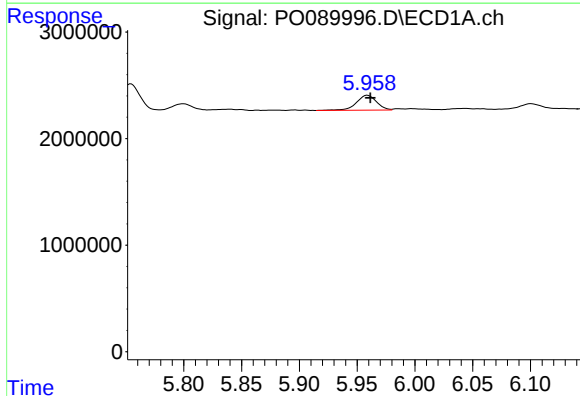
R.T.: 5.754 min
Delta R.T.: -0.002 min
Response: 3093384
Conc: 32.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



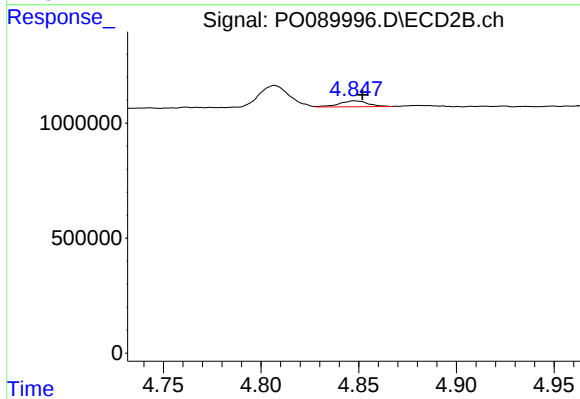
#22 AR-1248-2

R.T.: 4.807 min
Delta R.T.: -0.004 min
Response: 1026267
Conc: 31.57 ng/ml



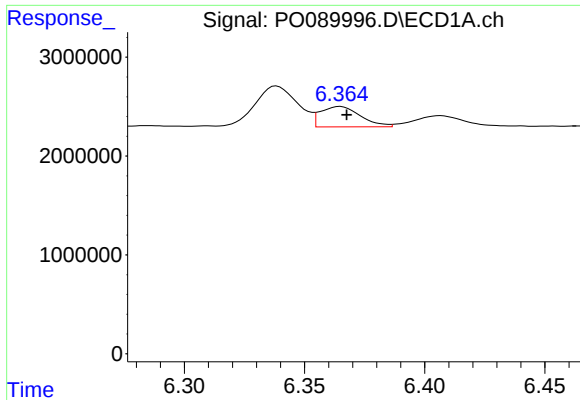
#23 AR-1248-3

R.T.: 5.959 min
Delta R.T.: -0.003 min
Response: 1690960
Conc: 17.15 ng/ml



#23 AR-1248-3

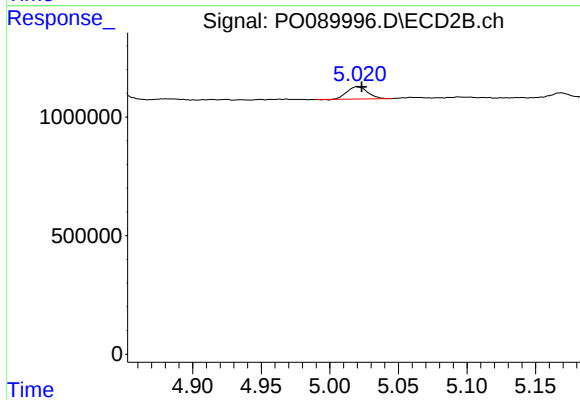
R.T.: 4.848 min
Delta R.T.: -0.004 min
Response: 259479
Conc: 7.70 ng/ml



#24 AR-1248-4

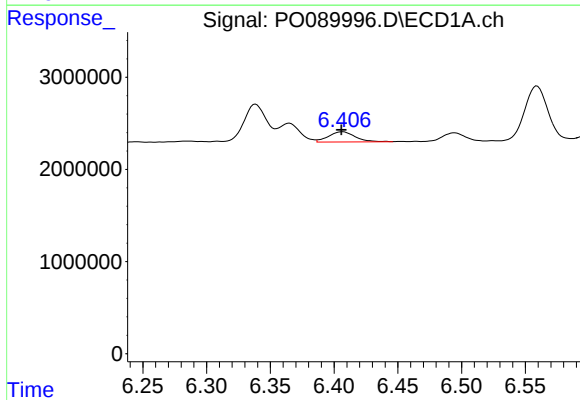
R.T.: 6.365 min
Delta R.T.: -0.003 min
Response: 2393258
Conc: 22.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



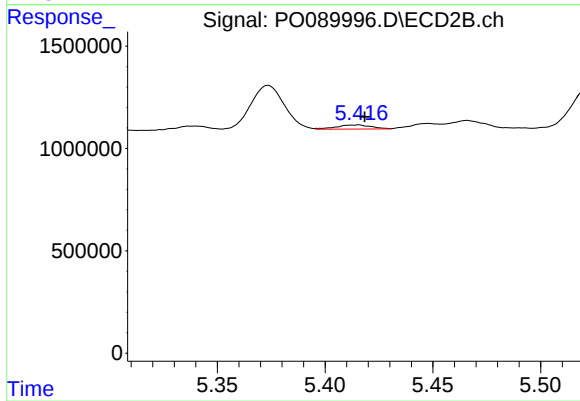
#24 AR-1248-4

R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 547106
Conc: 14.15 ng/ml



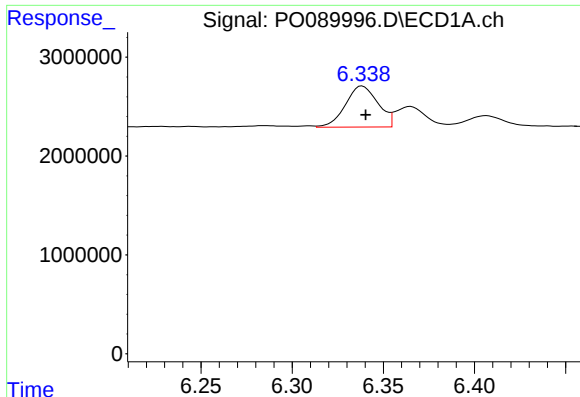
#25 AR-1248-5

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 1612999
Conc: 15.36 ng/ml



#25 AR-1248-5

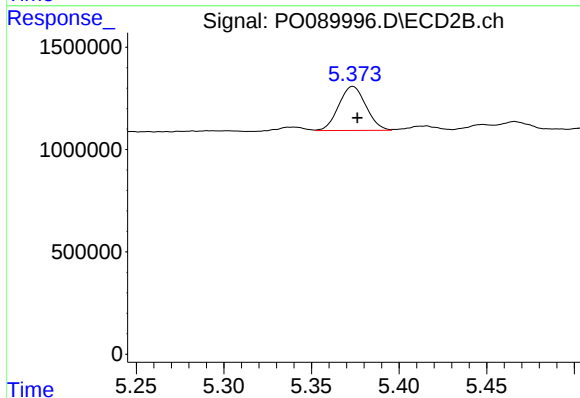
R.T.: 5.416 min
Delta R.T.: -0.003 min
Response: 231779
Conc: 6.40 ng/ml



#26 AR-1254-1

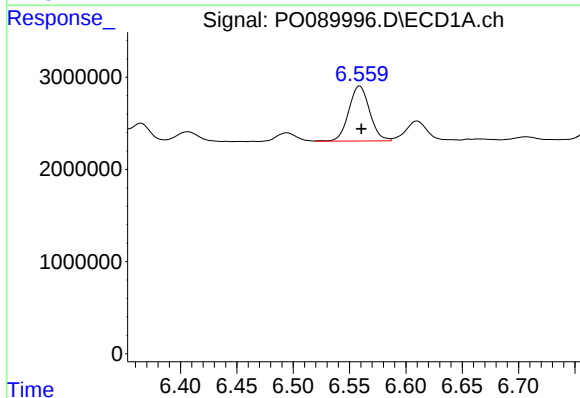
R.T.: 6.338 min
Delta R.T.: -0.002 min
Response: 5166194
Conc: 44.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



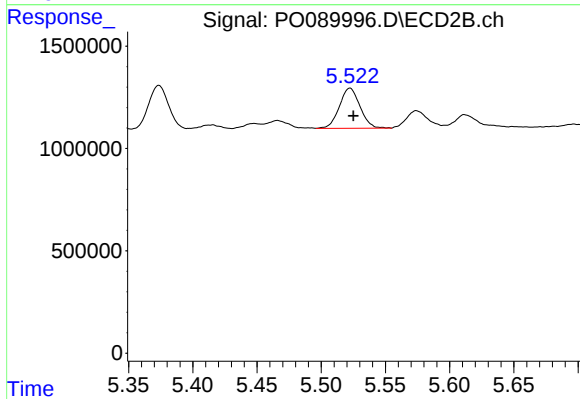
#26 AR-1254-1

R.T.: 5.374 min
Delta R.T.: -0.003 min
Response: 2327860
Conc: 39.52 ng/ml



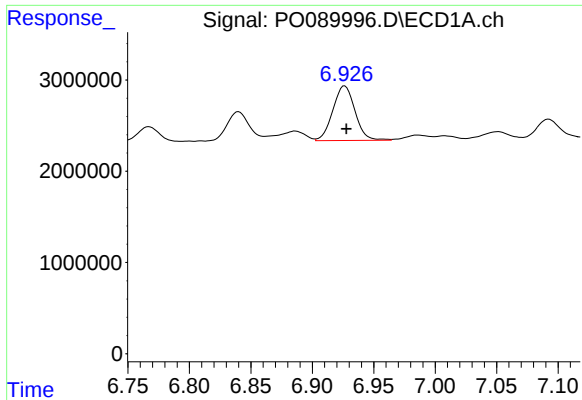
#27 AR-1254-2

R.T.: 6.559 min
Delta R.T.: -0.001 min
Response: 7660264
Conc: 44.04 ng/ml



#27 AR-1254-2

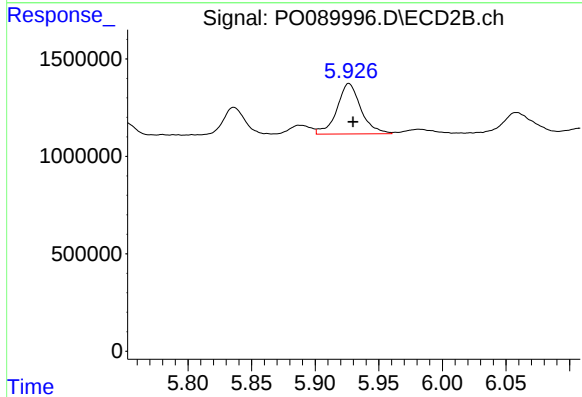
R.T.: 5.523 min
Delta R.T.: -0.003 min
Response: 2200447
Conc: 41.07 ng/ml



#28 AR-1254-3

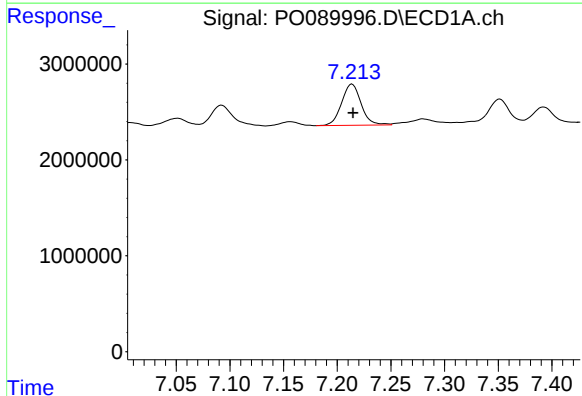
R.T.: 6.926 min
Delta R.T.: -0.001 min
Response: 7489926
Conc: 43.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



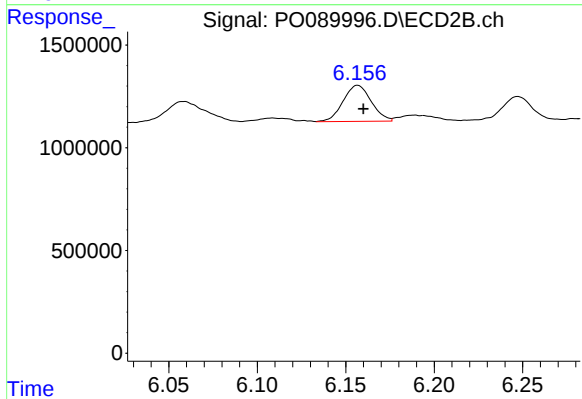
#28 AR-1254-3

R.T.: 5.926 min
Delta R.T.: -0.003 min
Response: 3402535
Conc: 41.05 ng/ml



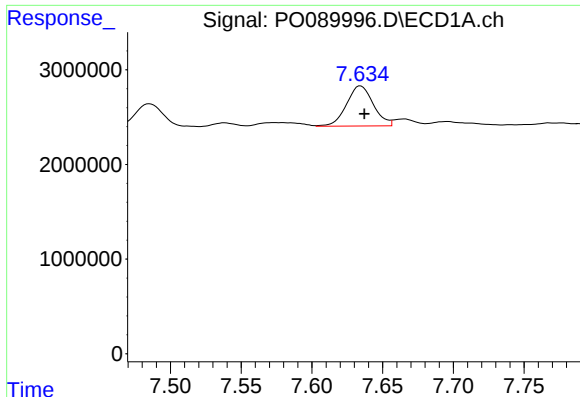
#29 AR-1254-4

R.T.: 7.214 min
Delta R.T.: -0.001 min
Response: 5445241
Conc: 42.72 ng/ml



#29 AR-1254-4

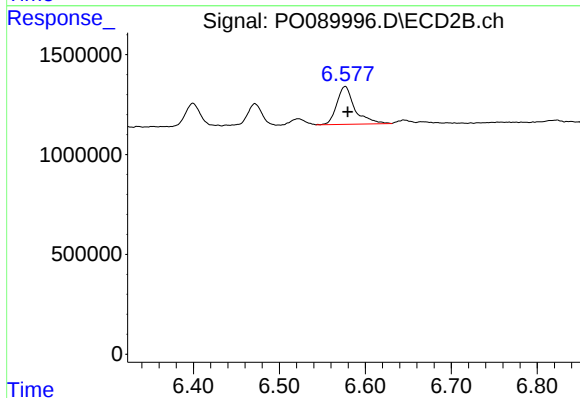
R.T.: 6.157 min
Delta R.T.: -0.003 min
Response: 1939711
Conc: 39.06 ng/ml



#30 AR-1254-5

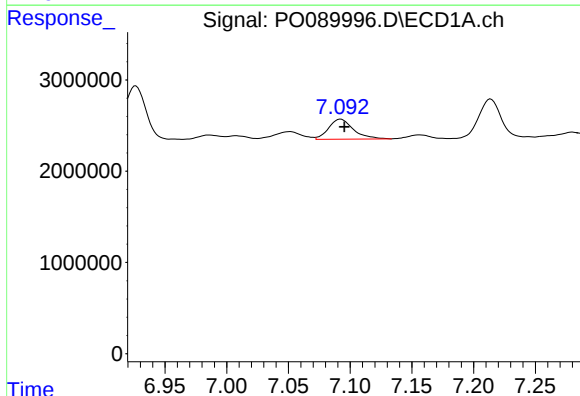
R.T.: 7.634 min
Delta R.T.: -0.003 min
Response: 5608407
Conc: 39.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



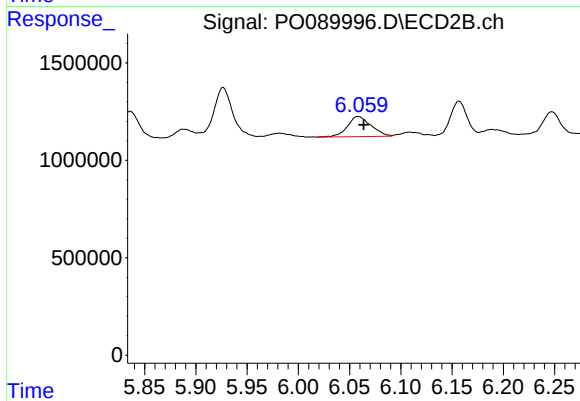
#30 AR-1254-5

R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 2753898
Conc: 36.78 ng/ml



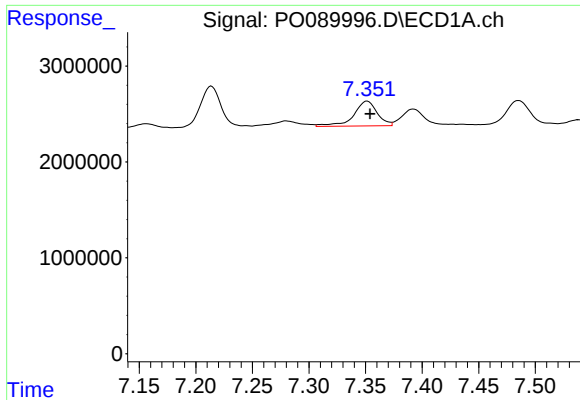
#31 AR-1260-1

R.T.: 7.092 min
Delta R.T.: -0.003 min
Response: 3093251
Conc: 22.07 ng/ml



#31 AR-1260-1

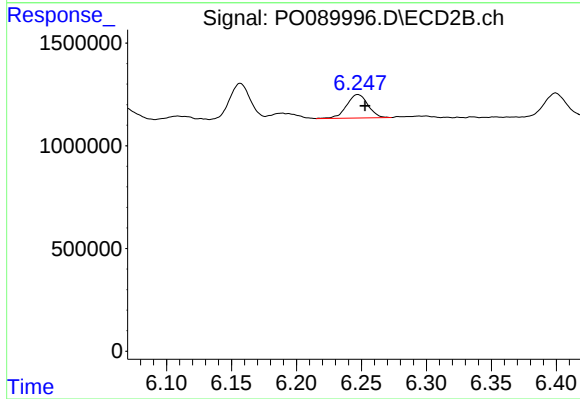
R.T.: 6.059 min
Delta R.T.: -0.005 min
Response: 1656744
Conc: 27.52 ng/ml



#32 AR-1260-2

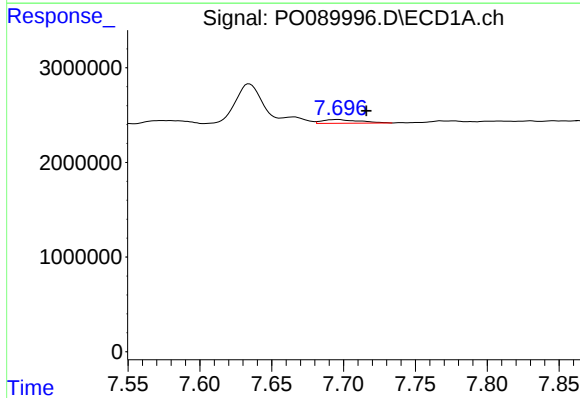
R.T.: 7.352 min
Delta R.T.: -0.003 min
Response: 3754434
Conc: 23.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



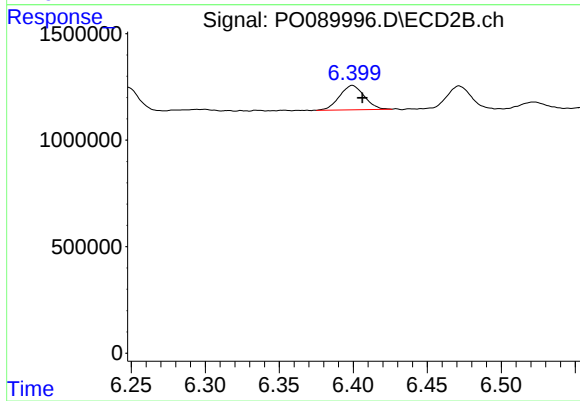
#32 AR-1260-2

R.T.: 6.247 min
Delta R.T.: -0.006 min
Response: 1298855
Conc: 17.98 ng/ml



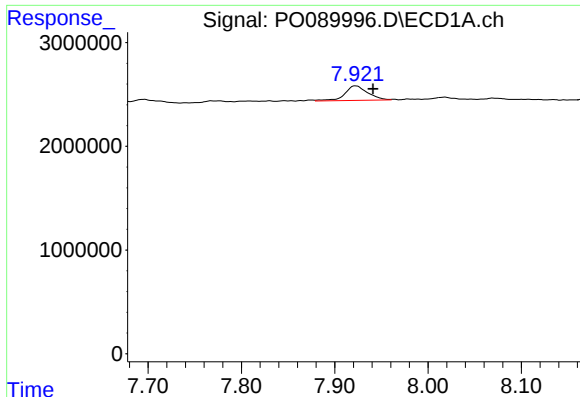
#33 AR-1260-3

R.T.: 7.696 min
Delta R.T.: -0.020 min
Response: 703675
Conc: 6.70 ng/ml



#33 AR-1260-3

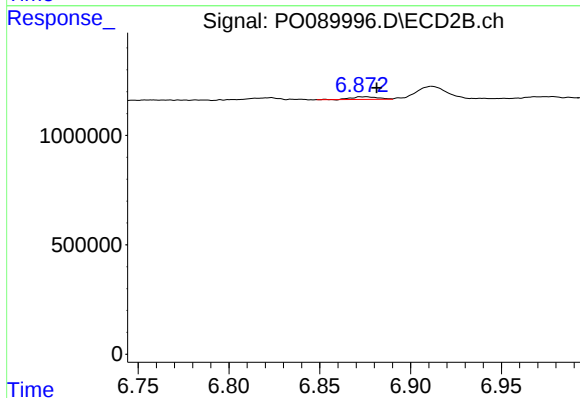
R.T.: 6.399 min
Delta R.T.: -0.007 min
Response: 1326476
Conc: 19.91 ng/ml



#34 AR-1260-4

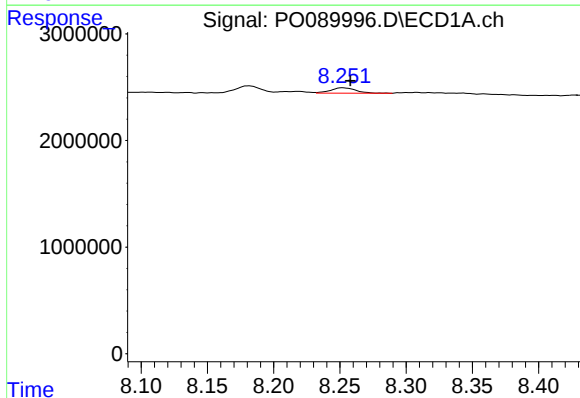
R.T.: 7.922 min
Delta R.T.: -0.019 min
Response: 2427360
Conc: 19.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



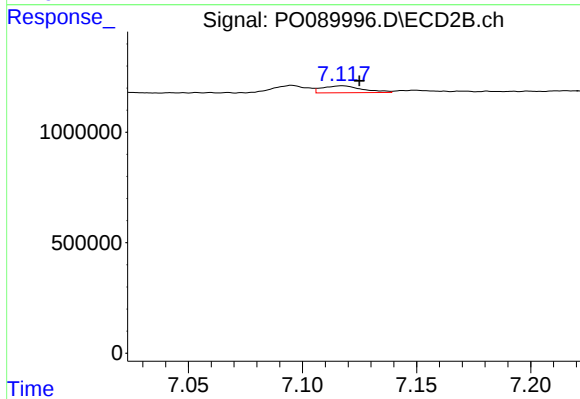
#34 AR-1260-4

R.T.: 6.875 min
Delta R.T.: -0.006 min
Response: 121022
Conc: 2.38 ng/ml



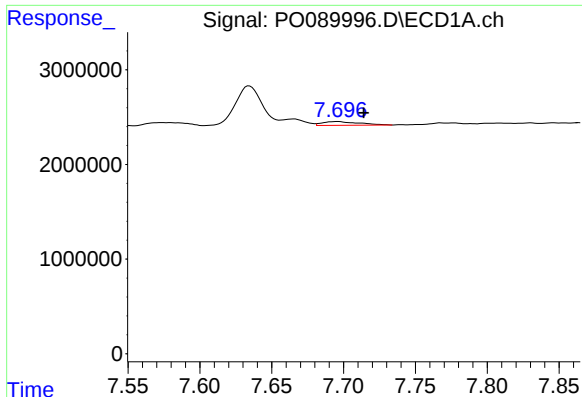
#35 AR-1260-5

R.T.: 8.252 min
Delta R.T.: -0.006 min
Response: 674978
Conc: 2.97 ng/ml



#35 AR-1260-5

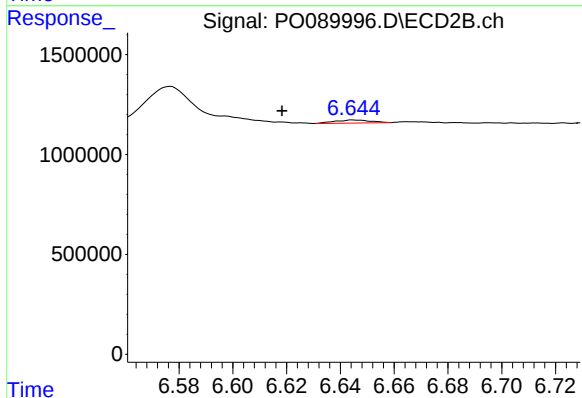
R.T.: 7.117 min
Delta R.T.: -0.007 min
Response: 378002
Conc: 3.25 ng/ml



#36 AR-1262-1

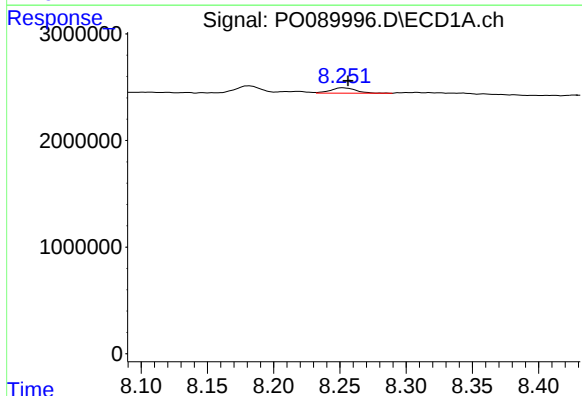
R.T.: 7.696 min
Delta R.T.: -0.018 min
Response: 703675
Conc: 4.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



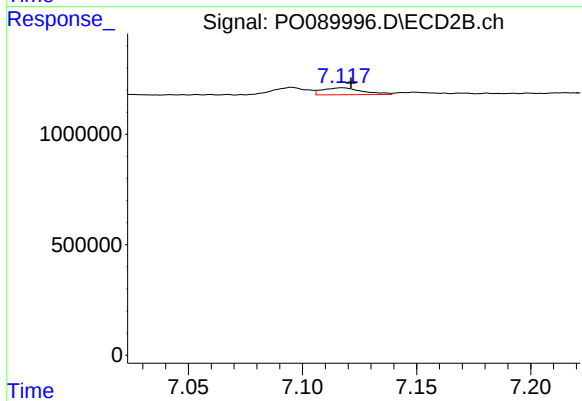
#36 AR-1262-1

R.T.: 6.645 min
Delta R.T.: 0.027 min
Response: 138067
Conc: 1.82 ng/ml



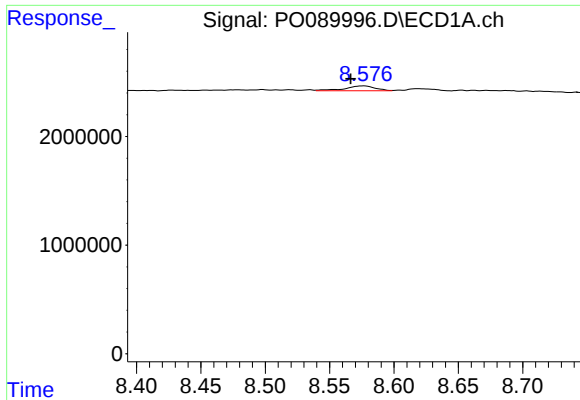
#37 AR-1262-2

R.T.: 8.252 min
Delta R.T.: -0.004 min
Response: 674978
Conc: 2.40 ng/ml



#37 AR-1262-2

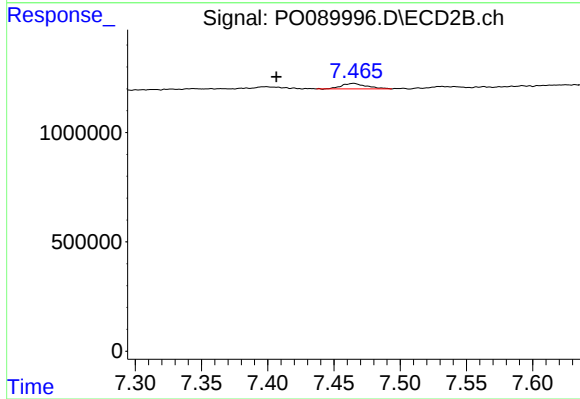
R.T.: 7.117 min
Delta R.T.: -0.004 min
Response: 378002
Conc: 2.95 ng/ml



#38 AR-1262-3

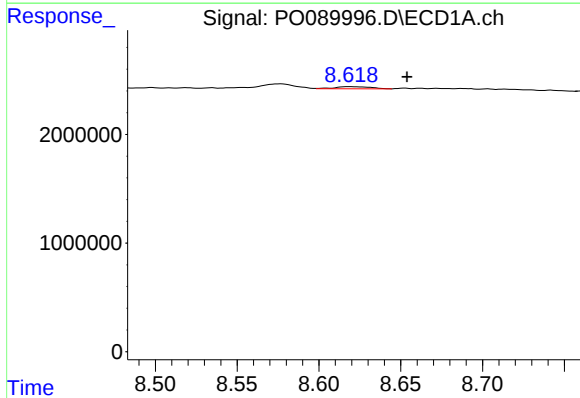
R.T.: 8.576 min
Delta R.T.: 0.010 min
Response: 738017
Conc: 3.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



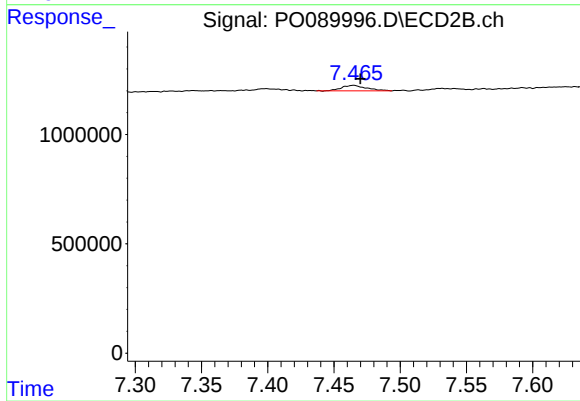
#38 AR-1262-3

R.T.: 7.465 min
Delta R.T.: 0.058 min
Response: 338791
Conc: 6.22 ng/ml



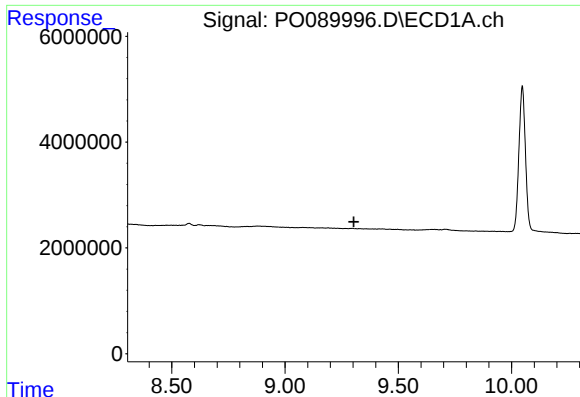
#39 AR-1262-4

R.T.: 8.619 min
Delta R.T.: -0.035 min
Response: 301062
Conc: 3.09 ng/ml



#39 AR-1262-4

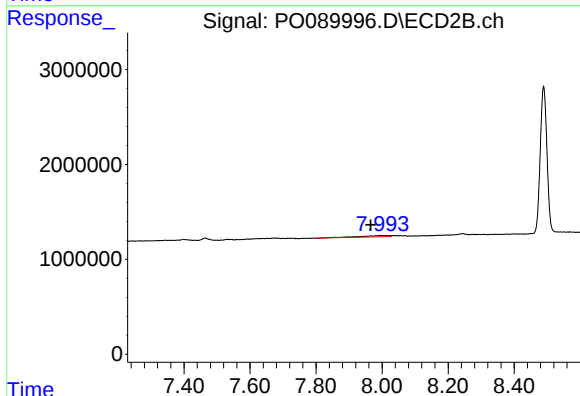
R.T.: 7.465 min
Delta R.T.: -0.005 min
Response: 338791
Conc: 3.49 ng/ml



#40 AR-1262-5

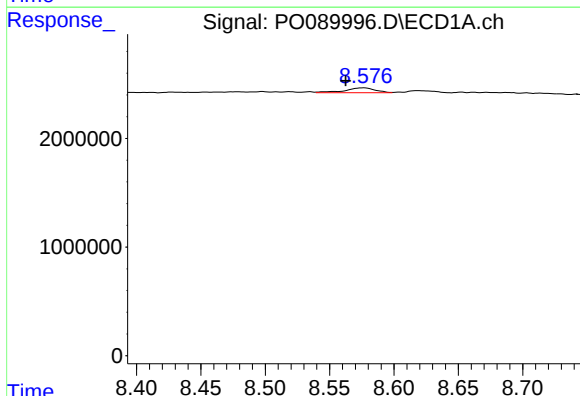
R.T.: 0.000 min
Exp R.T.: 9.303 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



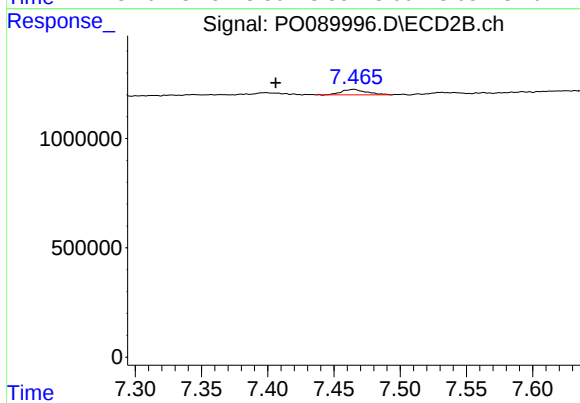
#40 AR-1262-5

R.T.: 7.994 min
Delta R.T.: 0.028 min
Response: 757386
Conc: 15.96 ng/ml



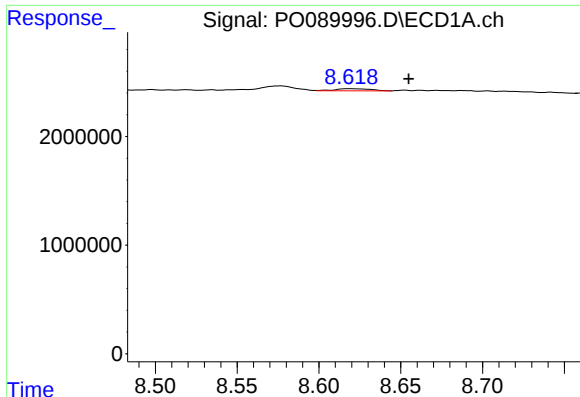
#41 AR-1268-1

R.T.: 8.576 min
Delta R.T.: 0.014 min
Response: 738017
Conc: 2.12 ng/ml



#41 AR-1268-1

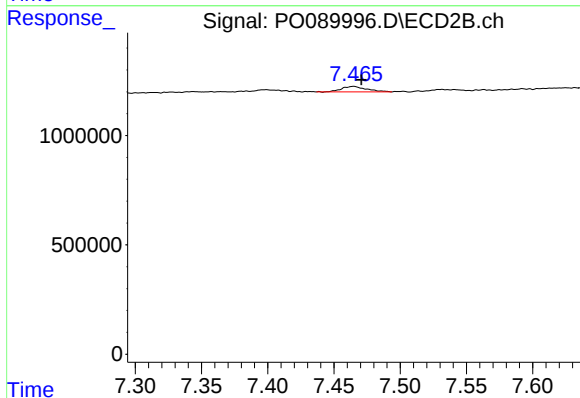
R.T.: 7.465 min
Delta R.T.: 0.059 min
Response: 338791
Conc: 2.15 ng/ml



#42 AR-1268-2

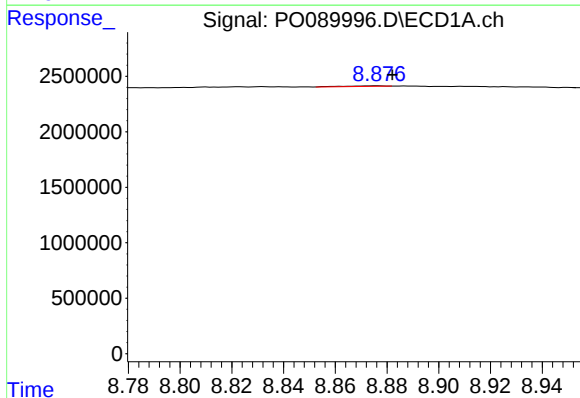
R.T.: 8.619 min
Delta R.T.: -0.036 min
Response: 301062
Conc: 0.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



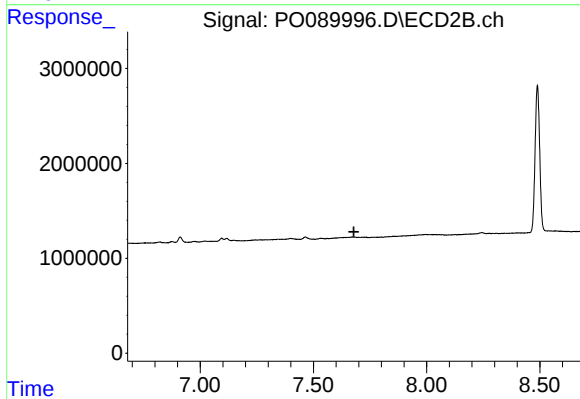
#42 AR-1268-2

R.T.: 7.465 min
Delta R.T.: -0.006 min
Response: 338791
Conc: 2.41 ng/ml



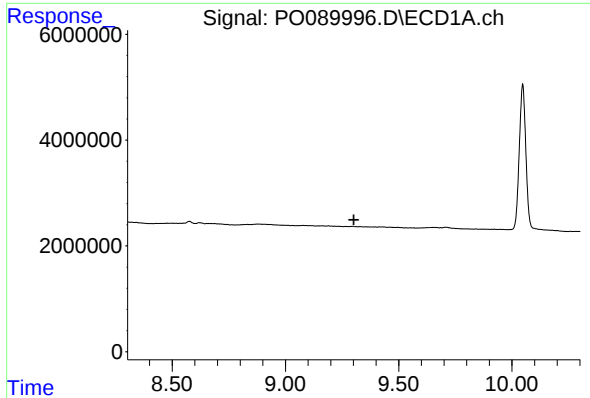
#43 AR-1268-3

R.T.: 8.876 min
Delta R.T.: -0.006 min
Response: 54210
Conc: 0.20 ng/ml



#43 AR-1268-3

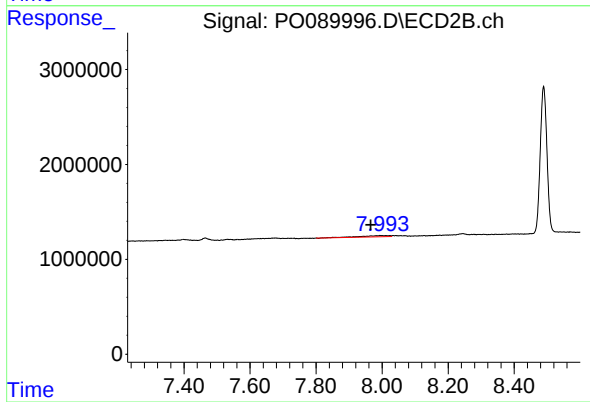
R.T.: 0.000 min
Exp R.T.: 7.679 min
Response: 0
Conc: N.D.



#44 AR-1268-4

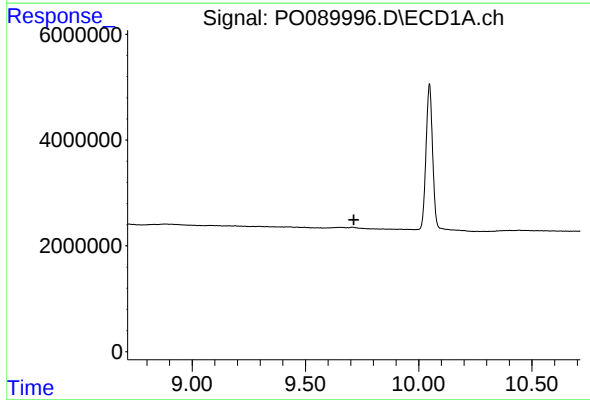
R.T.: 0.000 min
Exp R.T.: 9.302 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



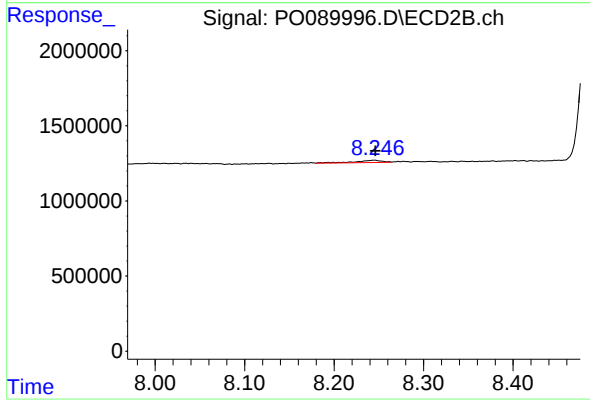
#44 AR-1268-4

R.T.: 7.994 min
Delta R.T.: 0.028 min
Response: 757386
Conc: 13.95 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.714 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.245 min
Delta R.T.: -0.001 min
Response: 324622
Conc: 0.93 ng/ml