

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102522\
 Data File : PO089927.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2022 17:45
 Operator : YP/AJ
 Sample : N4955-07
 Misc : AR1254 LOD 25 PPB
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 23:31:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 25 02:35:13 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...	4.307	3.488	61436347	22259432	19.306	22.242
2)	SA Decachlor...	10.054	8.498	52182575	21521822	21.803	23.686
Target Compounds							
3)	L1 AR-1016-1	5.417f	0.000	173552	0	1.686	N.D. #
5)	L1 AR-1016-3	0.000	4.813f	0	564828	N.D.	21.082 #
6)	L1 AR-1016-4	0.000	4.813	0	564828	N.D.	24.891 #
7)	L1 AR-1016-5	5.961	5.024	842761	314832	11.232	10.938
8)	L2 AR-1221-1	4.515	3.770f	8316088	1262317	205.799	92.106 #
9)	L2 AR-1221-2	4.612	3.770	1085277	1262317	36.354	121.731 #
10)	L2 AR-1221-3	4.612f	0.000	1085277	0	11.903	N.D. #
11)	L3 AR-1232-1	4.612f	0.000	1085277	0	15.696	N.D. #
13)	L3 AR-1232-3	0.000	4.813f	0	564828	N.D.	43.657 #
14)	L3 AR-1232-4	0.000	4.855	0	155643	N.D.	12.711 #
15)	L3 AR-1232-5	5.757	5.024	1467554	314832	53.073	23.211 #
16)	L4 AR-1242-1	5.417f	0.000	173552	0	1.991	N.D. #
18)	L4 AR-1242-3	0.000	4.813f	0	564828	N.D.	24.680 #
19)	L4 AR-1242-4	0.000	4.855	0	155643	N.D.	6.483 #
20)	L4 AR-1242-5	6.410	5.379	766880	1389986	11.682	48.317 #
21)	L5 AR-1248-1	5.417f	0.000	173552	0	2.696	N.D. #
22)	L5 AR-1248-2	5.757	4.813	1467554	564828	15.368	17.527
23)	L5 AR-1248-3	5.961	4.855	842761	155643	8.267	4.662 #
24)	L5 AR-1248-4	6.368	5.024	1166226	314832	10.799	8.118
25)	L5 AR-1248-5	6.410	5.426	766880	183167	7.196	5.120 #
26)	L6 AR-1254-1	6.342	5.379	2557987	1389986	22.267	24.286
27)	L6 AR-1254-2	6.563	5.529	3916328	1292378	22.735	25.270
28)	L6 AR-1254-3	6.929	5.933	4081210	1884138	23.561	23.894
29)	L6 AR-1254-4	7.217	6.164	2796967	1070090	22.064	22.458
30)	L6 AR-1254-5	7.639	6.584	2740622	1283400	19.681	18.162
31)	L7 AR-1260-1	7.097	6.067	1493031	953132	10.999	17.241 #
32)	L7 AR-1260-2	7.355	6.254	1904588	872858	12.102	13.583
33)	L7 AR-1260-3	7.710	6.408	184916	718648	1.721	11.905 #
34)	L7 AR-1260-4	7.927	6.919f	1459523	371836	11.844	7.803 #
35)	L7 AR-1260-5	8.255	7.126	289384	98342	1.237	0.913 #
36)	L8 AR-1262-1	7.710	6.605	184916	175320	1.119	2.446 #
37)	L8 AR-1262-2	8.255	7.126	289384	98342	1.039	0.811
38)	L8 AR-1262-3	8.581	7.407	273552	564466	1.400	10.888 #
39)	L8 AR-1262-4	0.000	7.471	0	163872	N.D.	1.797 #
40)	L8 AR-1262-5	0.000	7.971	0	159090	N.D.	3.624 #
41)	L9 AR-1268-1	8.581	7.407	273552	564466	0.814	3.942 #
42)	L9 AR-1268-2	0.000	7.471	0	163872	N.D.	1.277 #
43)	L9 AR-1268-3	8.885	7.638f	182547	36116	0.688	0.328 #
44)	L9 AR-1268-4	0.000	7.971	0	159090	N.D.	3.322 #

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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
45) L9	AR-1268-5	0.000	8.248	0	97104	N.D.	0.301 #

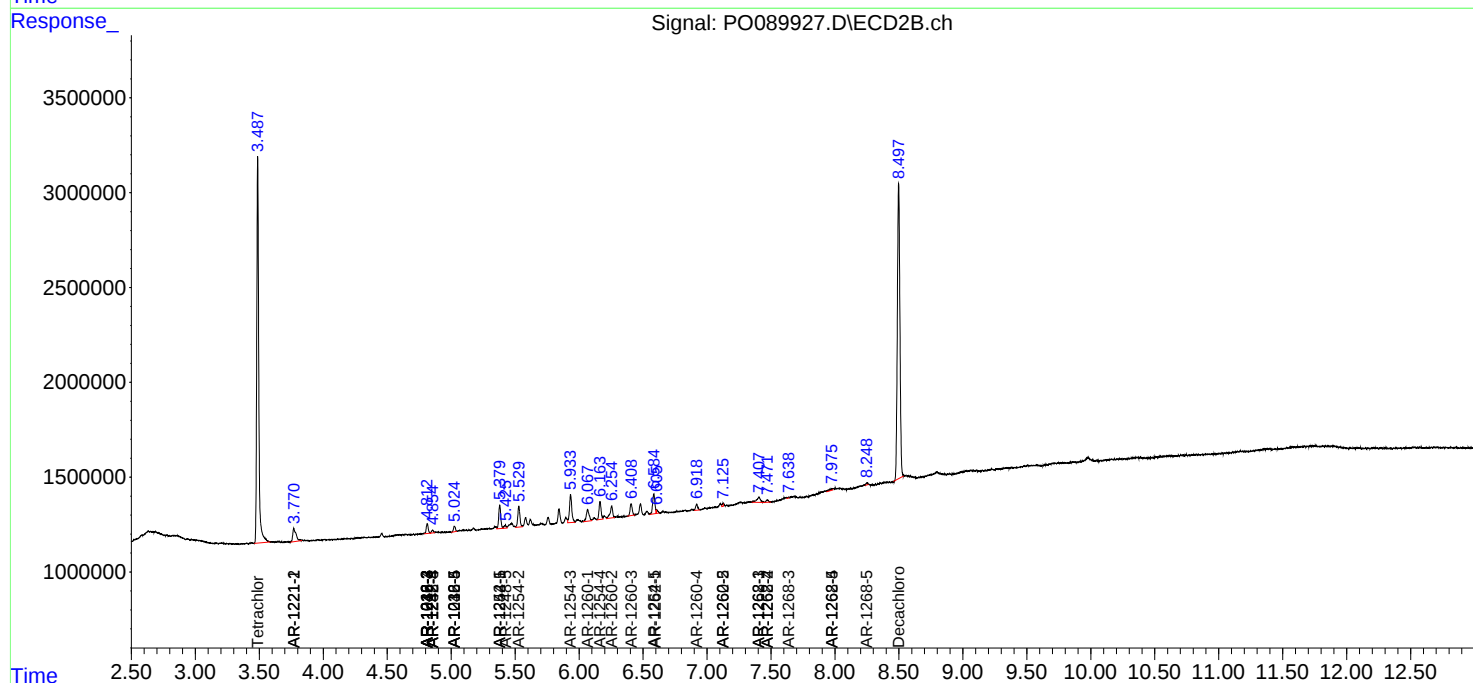
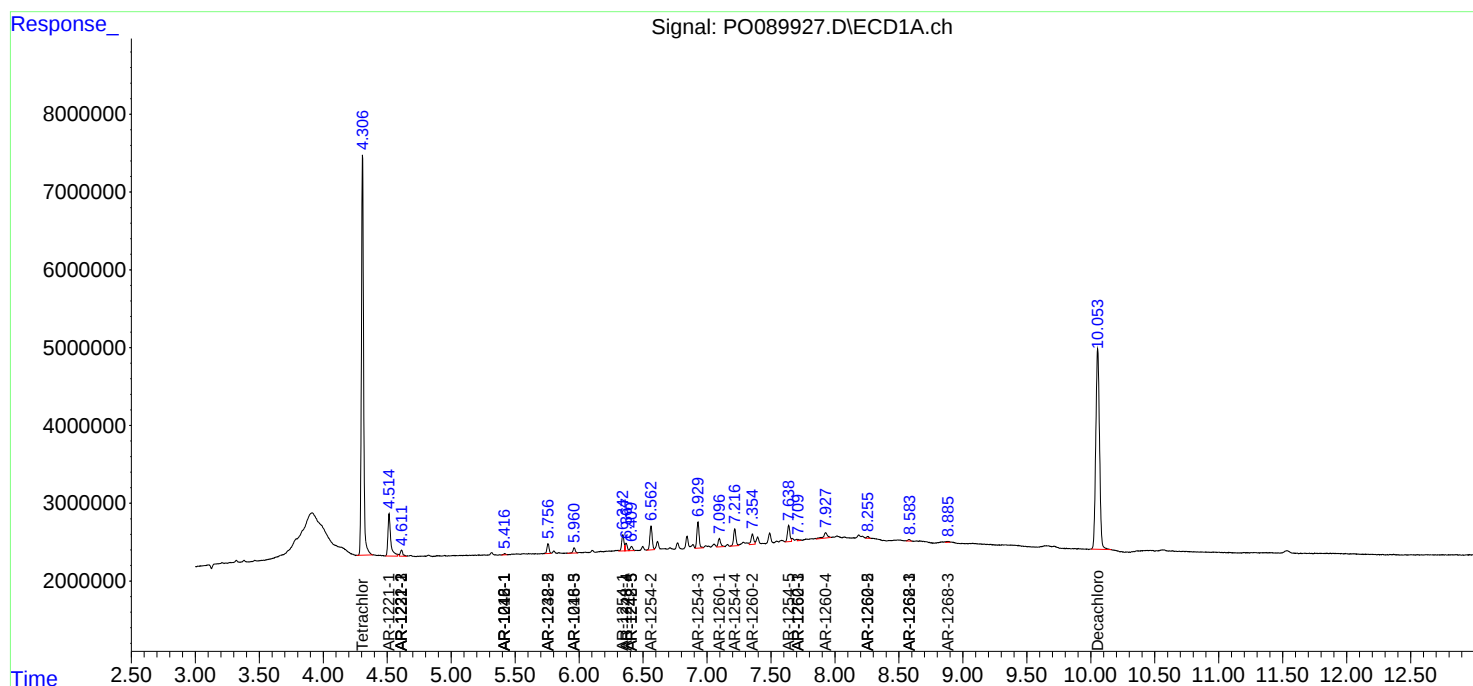
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

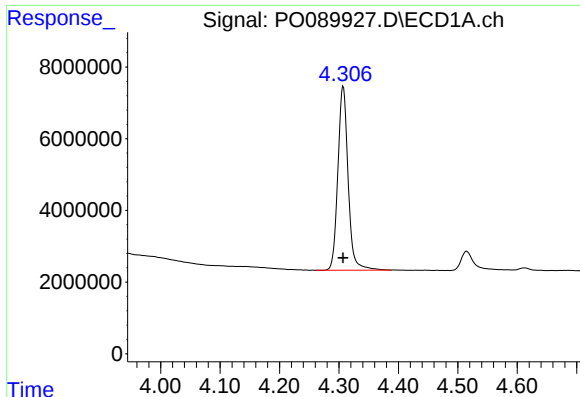
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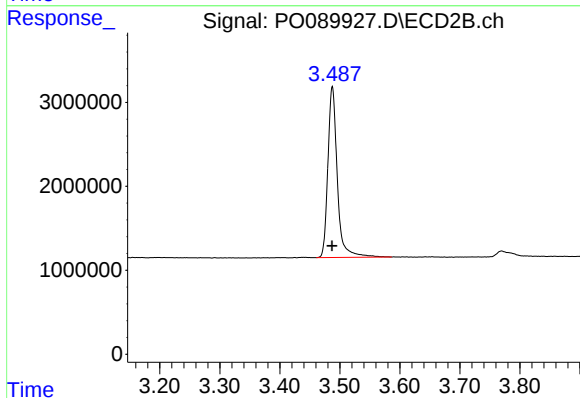




#1 Tetrachloro-m-xylene

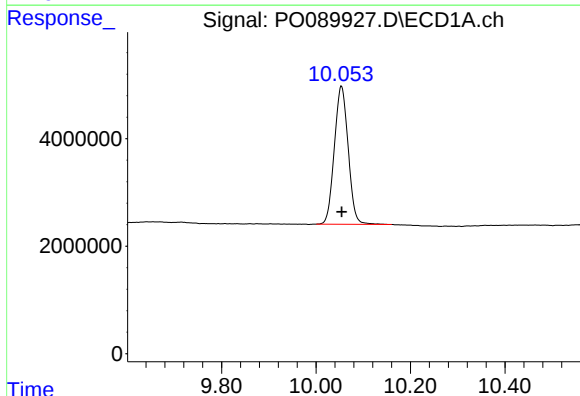
R.T.: 4.307 min
Delta R.T.: 0.000 min
Response: 61436347
Conc: 19.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



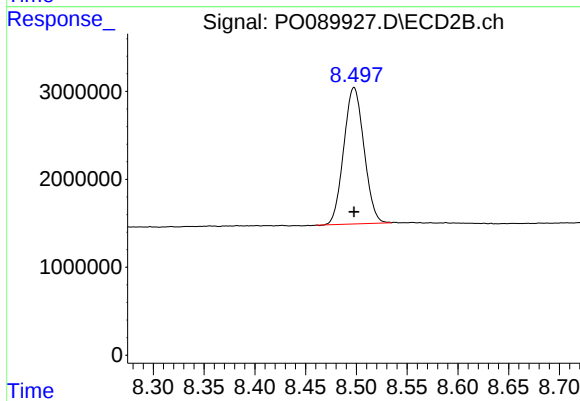
#1 Tetrachloro-m-xylene

R.T.: 3.488 min
Delta R.T.: 0.000 min
Response: 22259432
Conc: 22.24 ng/ml



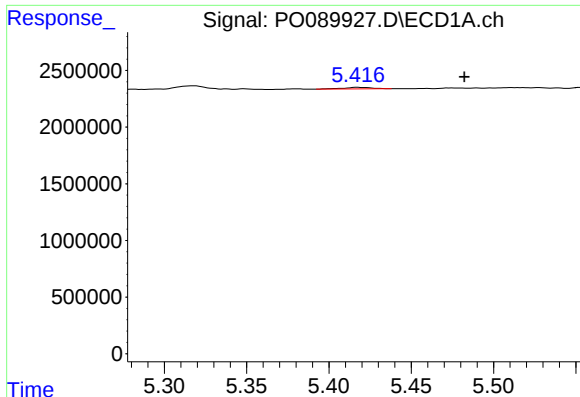
#2 Decachlorobiphenyl

R.T.: 10.054 min
Delta R.T.: 0.000 min
Response: 52182575
Conc: 21.80 ng/ml



#2 Decachlorobiphenyl

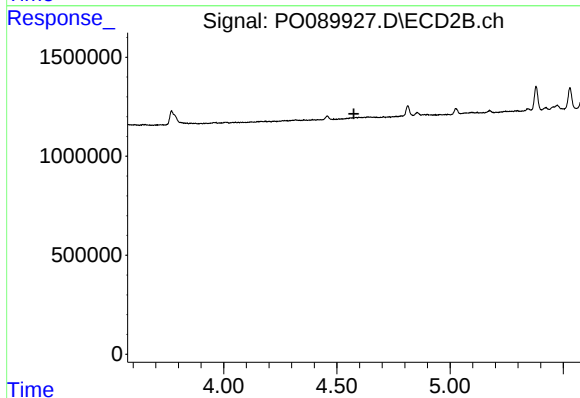
R.T.: 8.498 min
Delta R.T.: 0.000 min
Response: 21521822
Conc: 23.69 ng/ml



#3 AR-1016-1

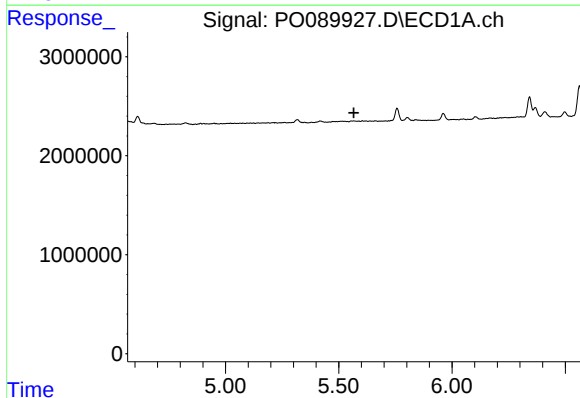
R.T.: 5.417 min
Delta R.T.: -0.065 min
Response: 173552
Conc: 1.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



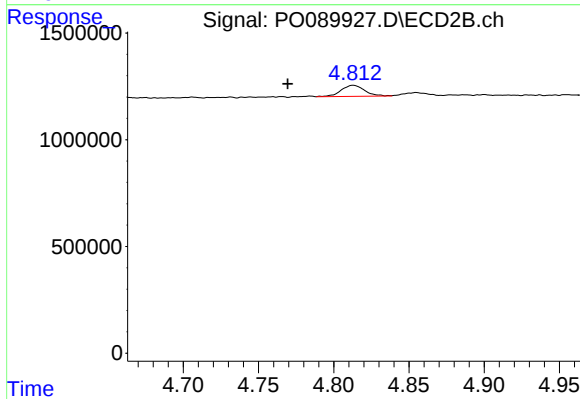
#3 AR-1016-1

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



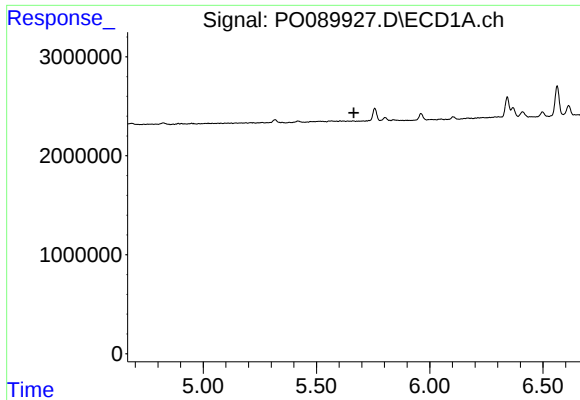
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.567 min
Response: 0
Conc: N.D.



#5 AR-1016-3

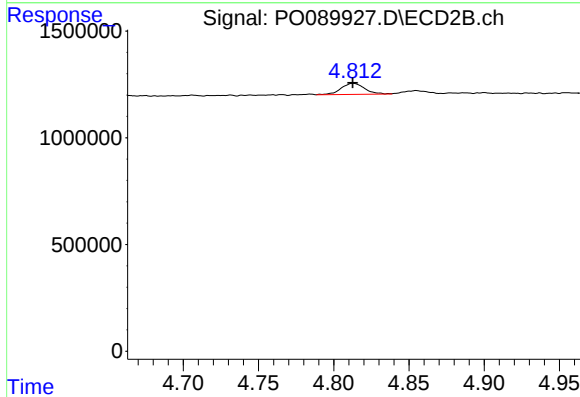
R.T.: 4.813 min
Delta R.T.: 0.044 min
Response: 564828
Conc: 21.08 ng/ml



#6 AR-1016-4

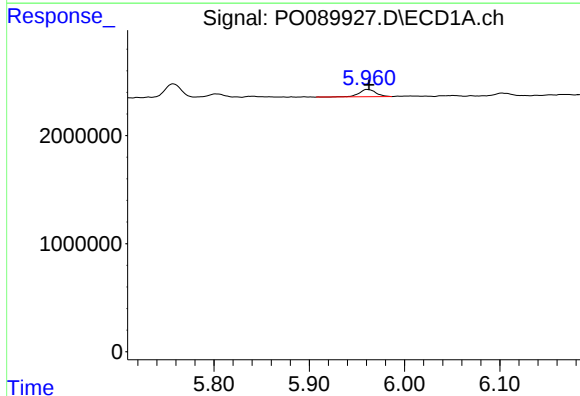
R.T.: 0.000 min
Exp R.T.: 5.665 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



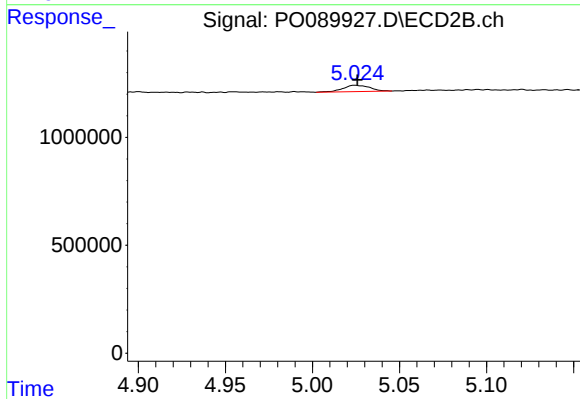
#6 AR-1016-4

R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 564828
Conc: 24.89 ng/ml



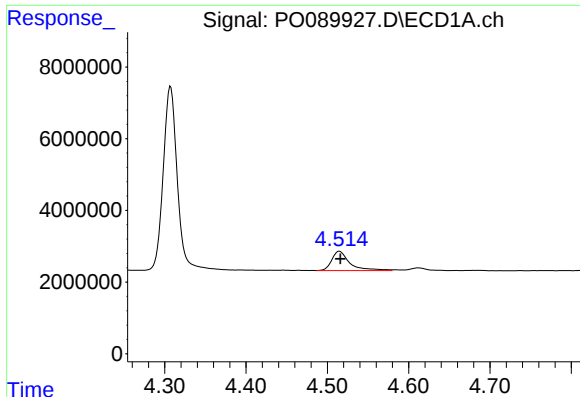
#7 AR-1016-5

R.T.: 5.961 min
Delta R.T.: -0.002 min
Response: 842761
Conc: 11.23 ng/ml



#7 AR-1016-5

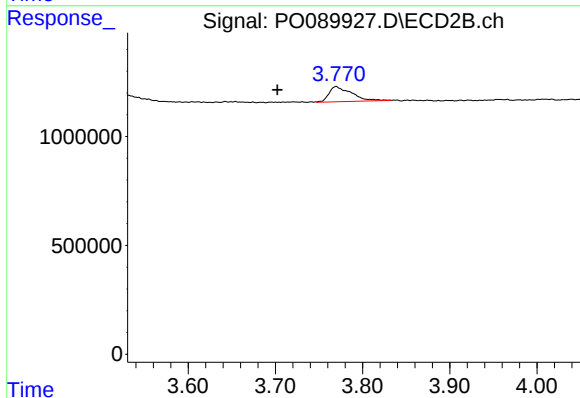
R.T.: 5.024 min
Delta R.T.: -0.002 min
Response: 314832
Conc: 10.94 ng/ml



#8 AR-1221-1

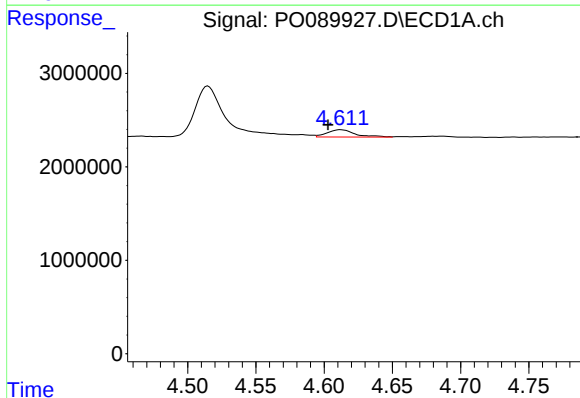
R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 8316088
Conc: 205.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



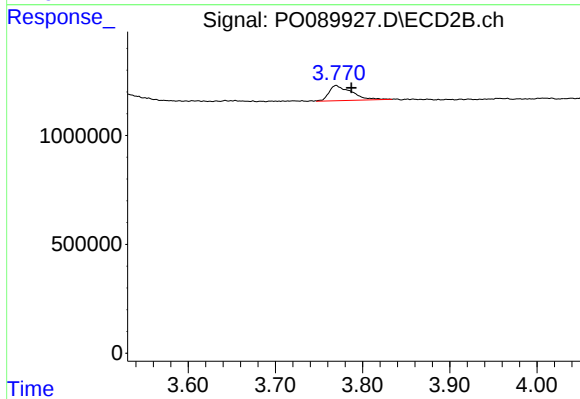
#8 AR-1221-1

R.T.: 3.770 min
Delta R.T.: 0.067 min
Response: 1262317
Conc: 92.11 ng/ml



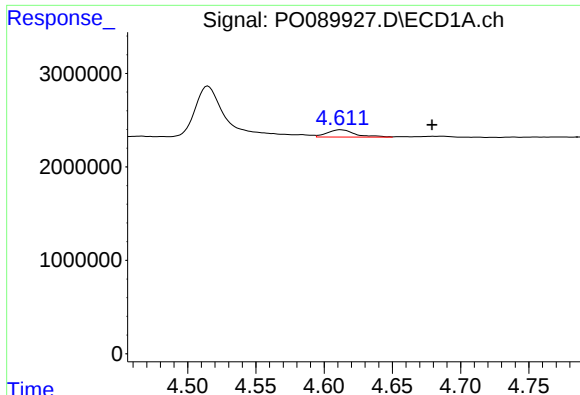
#9 AR-1221-2

R.T.: 4.612 min
Delta R.T.: 0.009 min
Response: 1085277
Conc: 36.35 ng/ml



#9 AR-1221-2

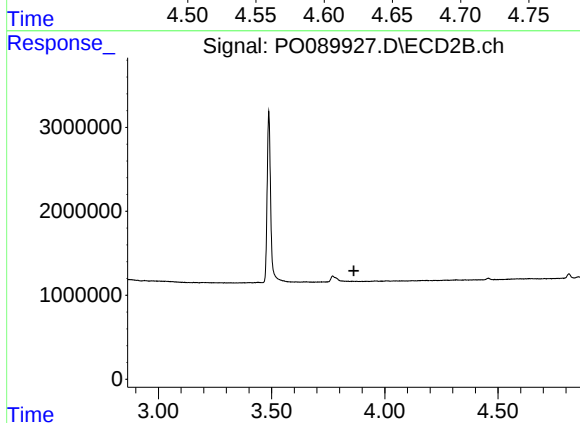
R.T.: 3.770 min
Delta R.T.: -0.017 min
Response: 1262317
Conc: 121.73 ng/ml



#10 AR-1221-3

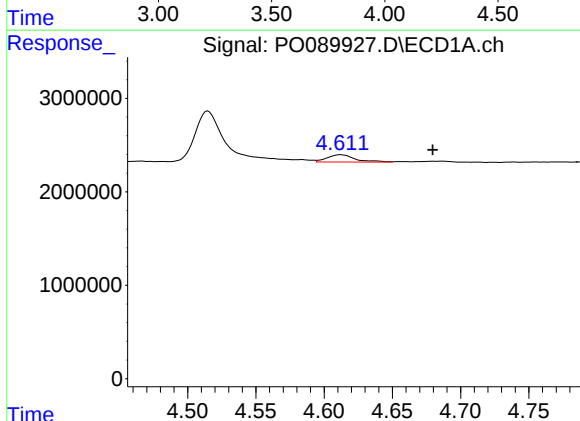
R.T.: 4.612 min
Delta R.T.: -0.067 min
Response: 1085277
Conc: 11.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



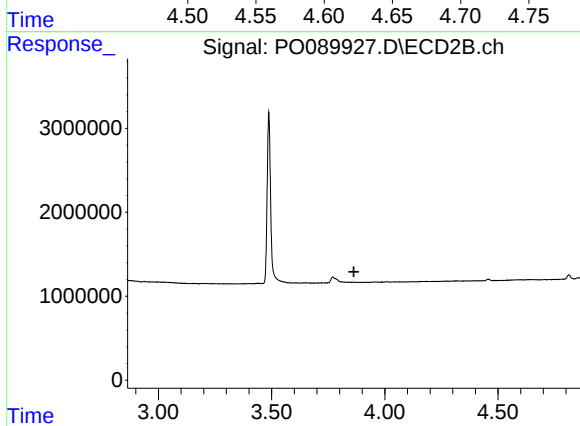
#10 AR-1221-3

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



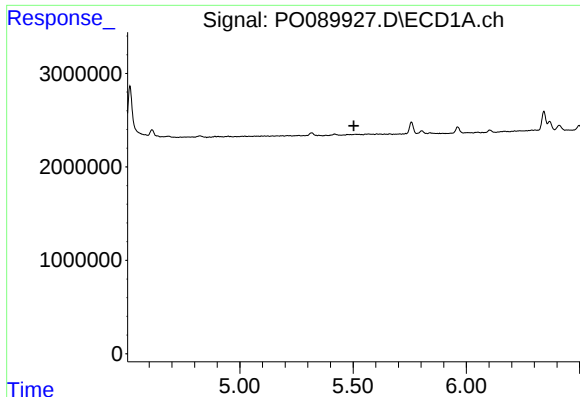
#11 AR-1232-1

R.T.: 4.612 min
Delta R.T.: -0.067 min
Response: 1085277
Conc: 15.70 ng/ml



#11 AR-1232-1

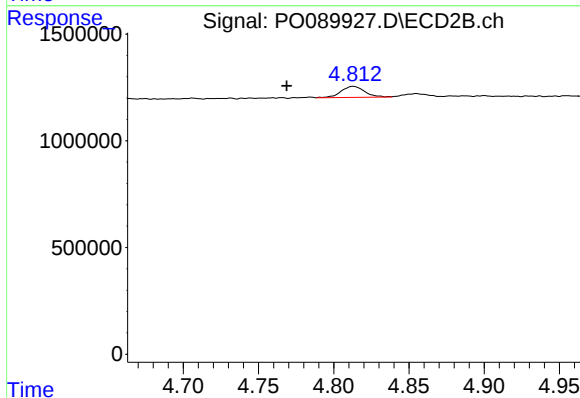
R.T.: 0.000 min
Exp R.T. : 3.863 min
Response: 0
Conc: N.D.



#13 AR-1232-3

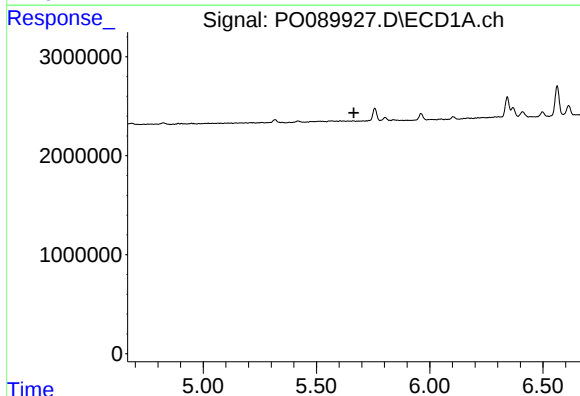
R.T.: 0.000 min
Exp R.T.: 5.504 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



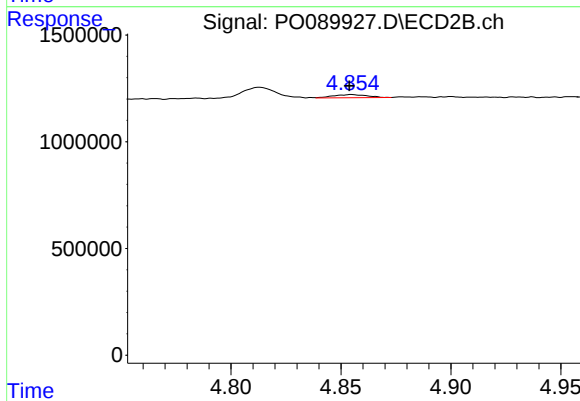
#13 AR-1232-3

R.T.: 4.813 min
Delta R.T.: 0.044 min
Response: 564828
Conc: 43.66 ng/ml



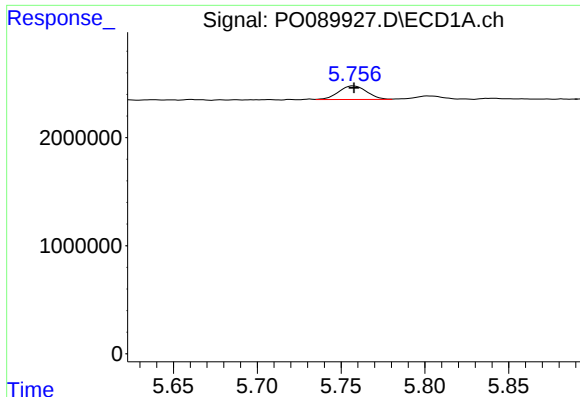
#14 AR-1232-4

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



#14 AR-1232-4

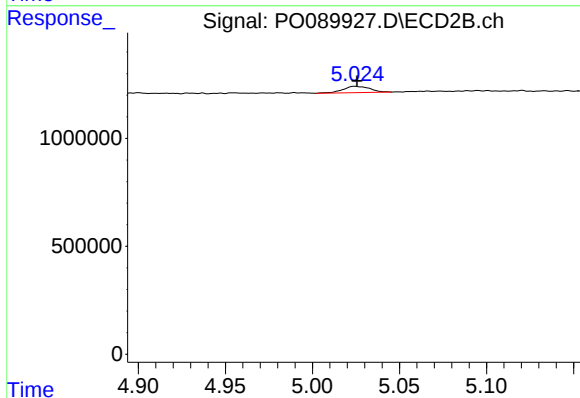
R.T.: 4.855 min
Delta R.T.: 0.001 min
Response: 155643
Conc: 12.71 ng/ml



#15 AR-1232-5

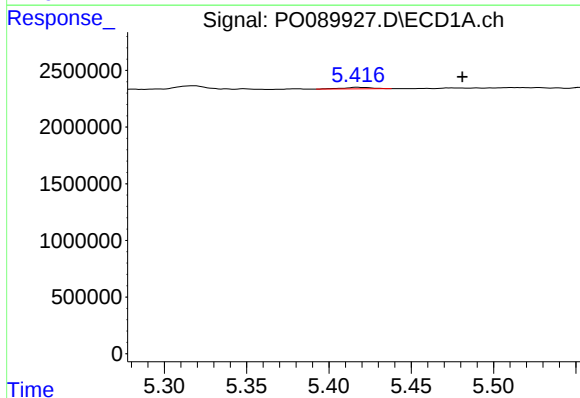
R.T.: 5.757 min
Delta R.T.: 0.000 min
Response: 1467554
Conc: 53.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



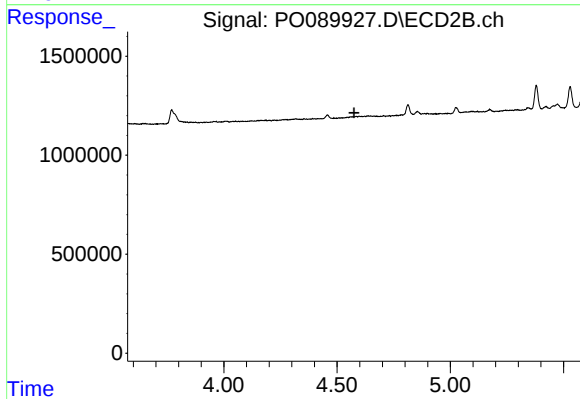
#15 AR-1232-5

R.T.: 5.024 min
Delta R.T.: -0.001 min
Response: 314832
Conc: 23.21 ng/ml



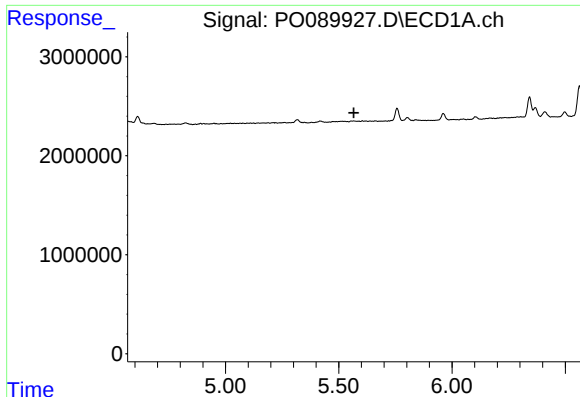
#16 AR-1242-1

R.T.: 5.417 min
Delta R.T.: -0.064 min
Response: 173552
Conc: 1.99 ng/ml



#16 AR-1242-1

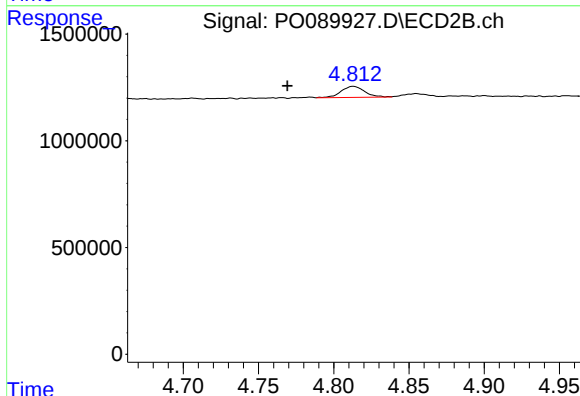
R.T.: 0.000 min
Exp R.T.: 4.575 min
Response: 0
Conc: N.D.



#18 AR-1242-3

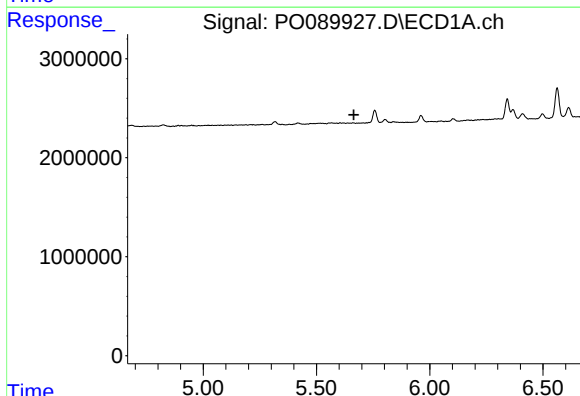
R.T.: 0.000 min
Exp R.T.: 5.566 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



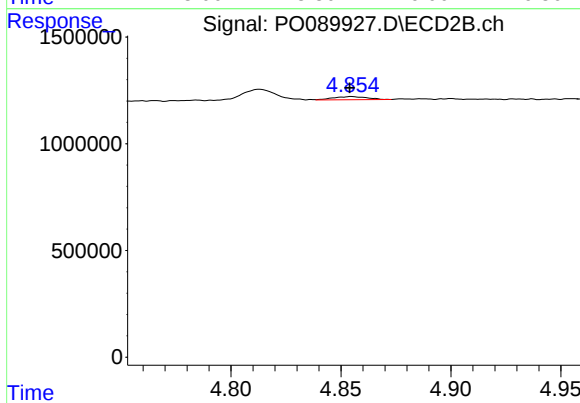
#18 AR-1242-3

R.T.: 4.813 min
Delta R.T.: 0.044 min
Response: 564828
Conc: 24.68 ng/ml



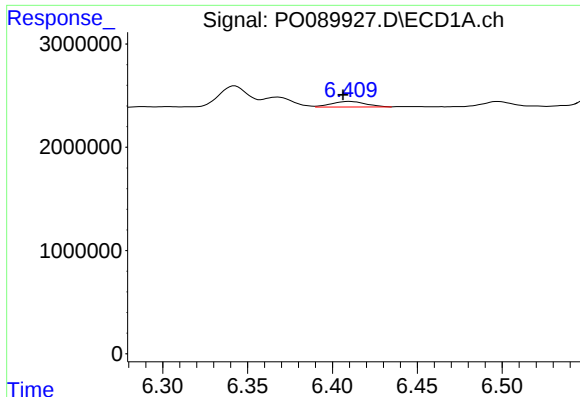
#19 AR-1242-4

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



#19 AR-1242-4

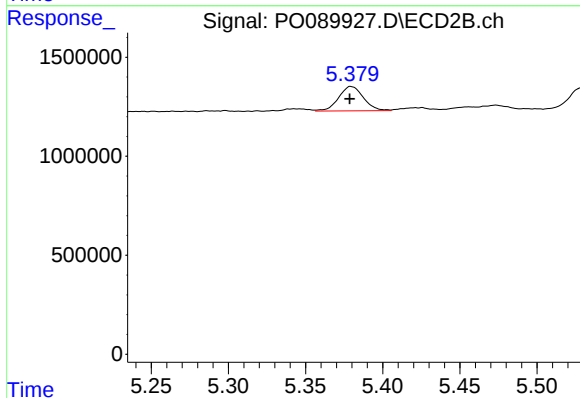
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 155643
Conc: 6.48 ng/ml



#20 AR-1242-5

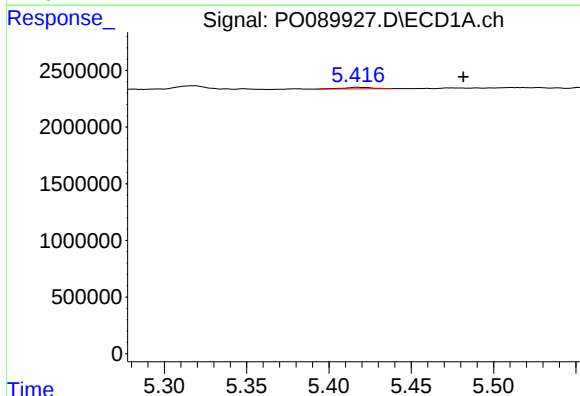
R.T.: 6.410 min
Delta R.T.: 0.004 min
Response: 766880
Conc: 11.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



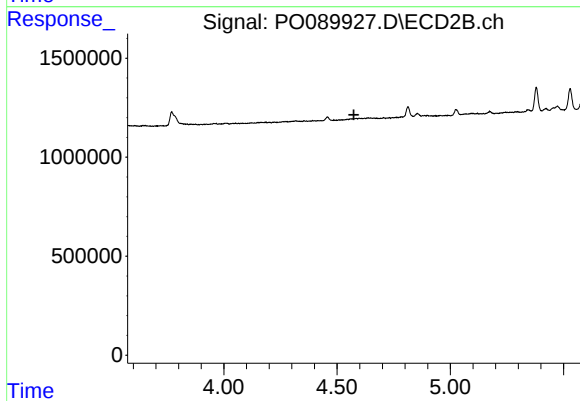
#20 AR-1242-5

R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 1389986
Conc: 48.32 ng/ml



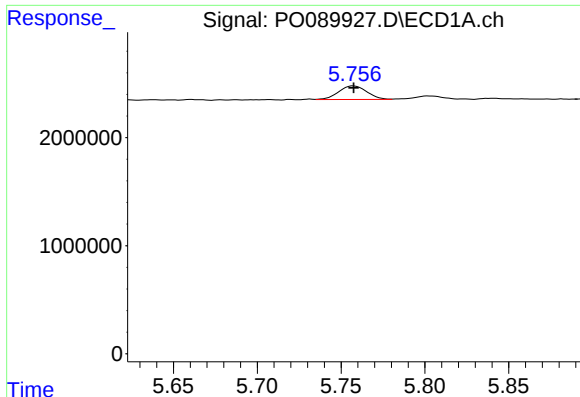
#21 AR-1248-1

R.T.: 5.417 min
Delta R.T.: -0.065 min
Response: 173552
Conc: 2.70 ng/ml



#21 AR-1248-1

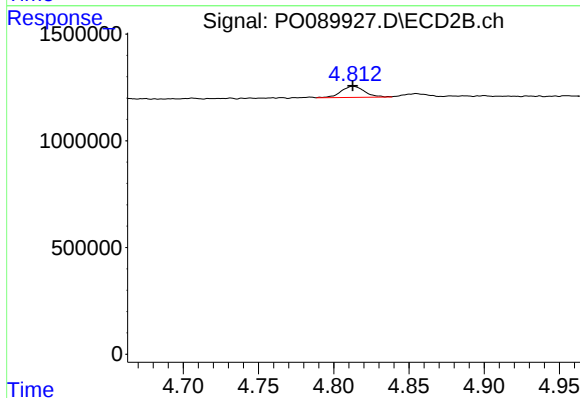
R.T.: 0.000 min
Exp R.T.: 4.574 min
Response: 0
Conc: N.D.



#22 AR-1248-2

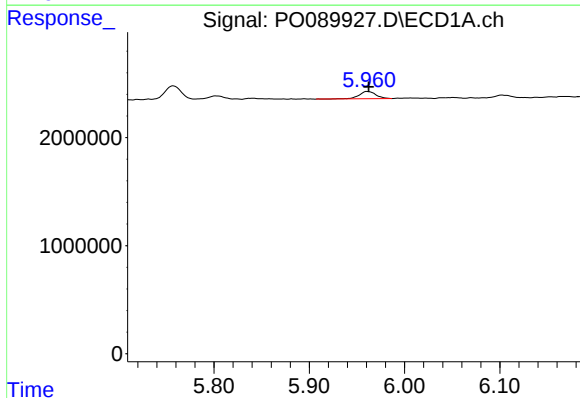
R.T.: 5.757 min
Delta R.T.: 0.000 min
Response: 1467554
Conc: 15.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



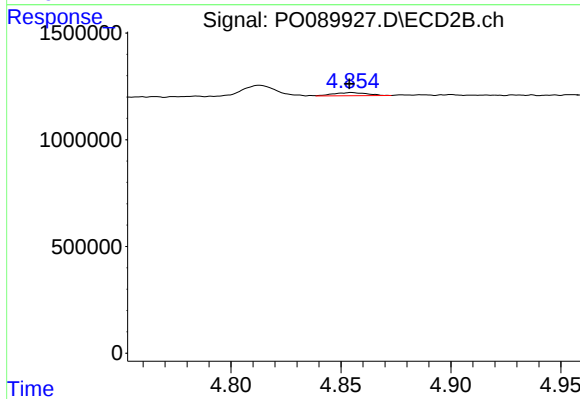
#22 AR-1248-2

R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 564828
Conc: 17.53 ng/ml



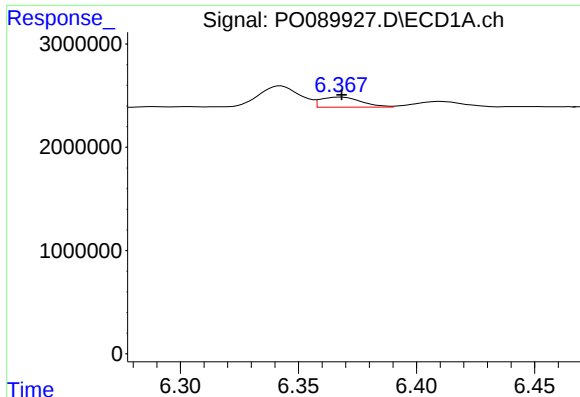
#23 AR-1248-3

R.T.: 5.961 min
Delta R.T.: -0.001 min
Response: 842761
Conc: 8.27 ng/ml



#23 AR-1248-3

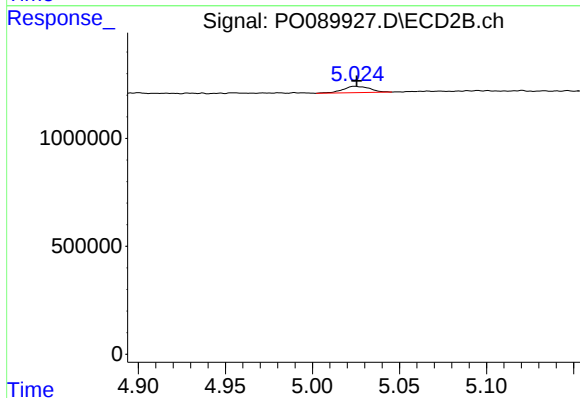
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 155643
Conc: 4.66 ng/ml



#24 AR-1248-4

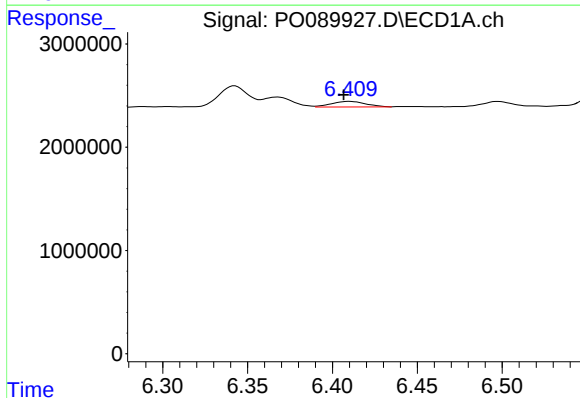
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 1166226
Conc: 10.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



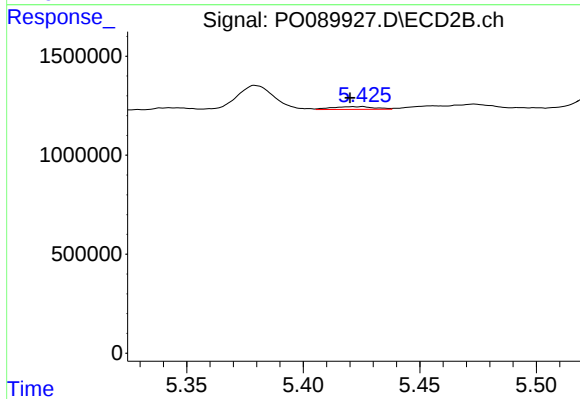
#24 AR-1248-4

R.T.: 5.024 min
Delta R.T.: -0.001 min
Response: 314832
Conc: 8.12 ng/ml



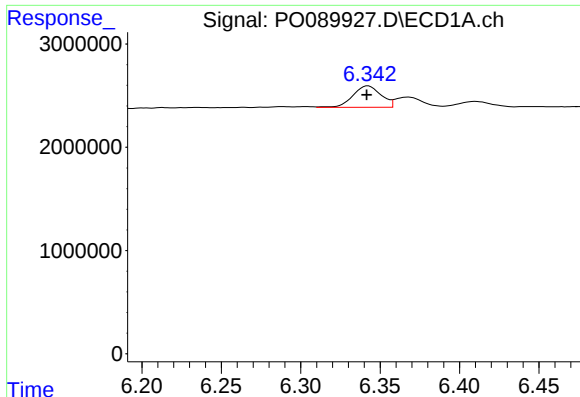
#25 AR-1248-5

R.T.: 6.410 min
Delta R.T.: 0.003 min
Response: 766880
Conc: 7.20 ng/ml



#25 AR-1248-5

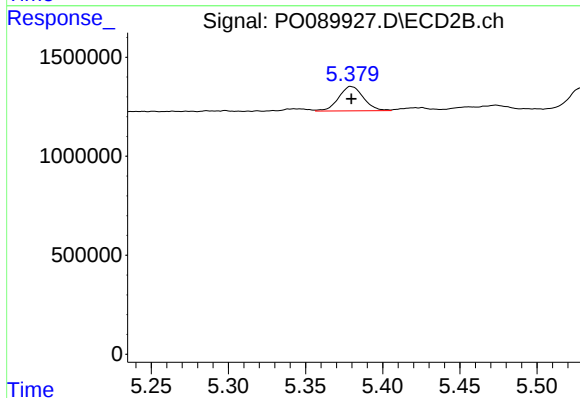
R.T.: 5.426 min
Delta R.T.: 0.006 min
Response: 183167
Conc: 5.12 ng/ml



#26 AR-1254-1

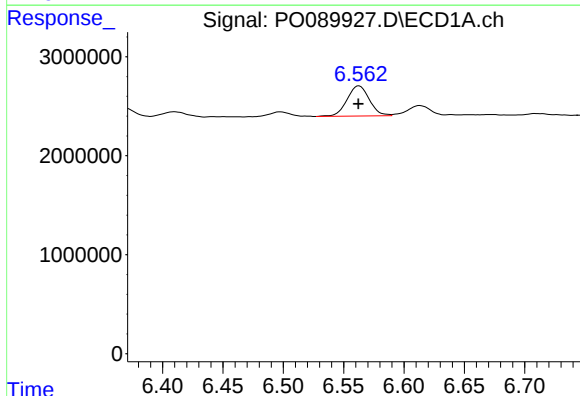
R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 2557987
Conc: 22.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



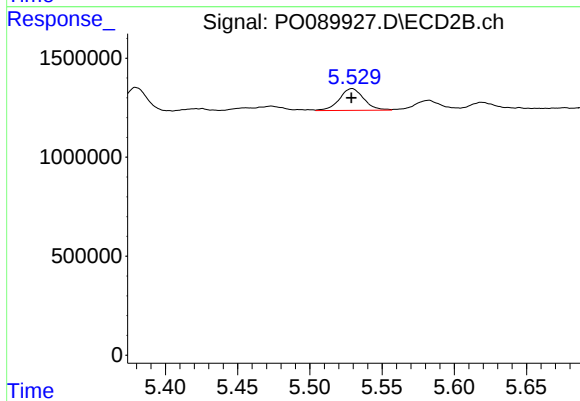
#26 AR-1254-1

R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 1389986
Conc: 24.29 ng/ml



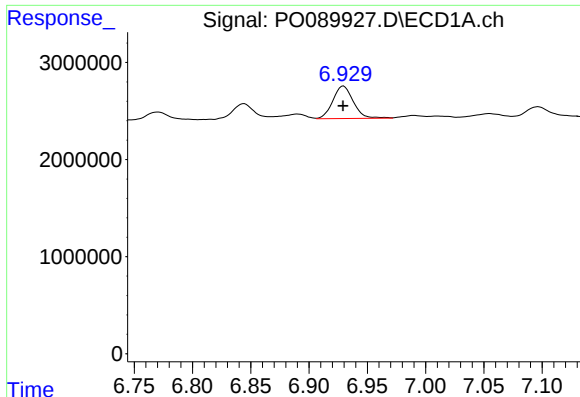
#27 AR-1254-2

R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 3916328
Conc: 22.74 ng/ml



#27 AR-1254-2

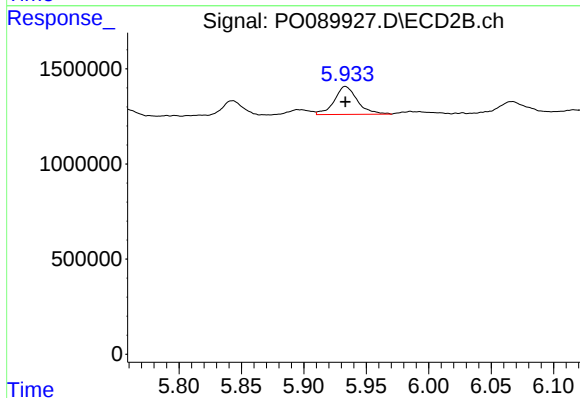
R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 1292378
Conc: 25.27 ng/ml



#28 AR-1254-3

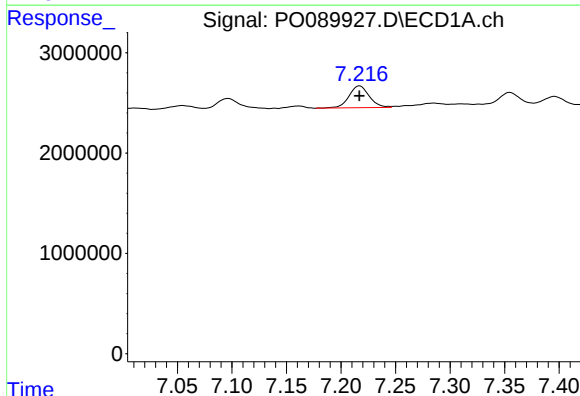
R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 4081210
Conc: 23.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



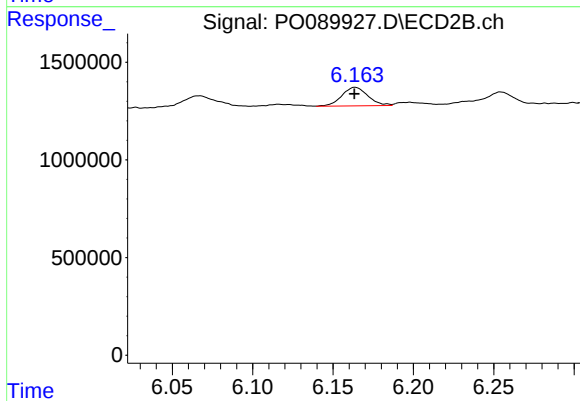
#28 AR-1254-3

R.T.: 5.933 min
Delta R.T.: 0.000 min
Response: 1884138
Conc: 23.89 ng/ml



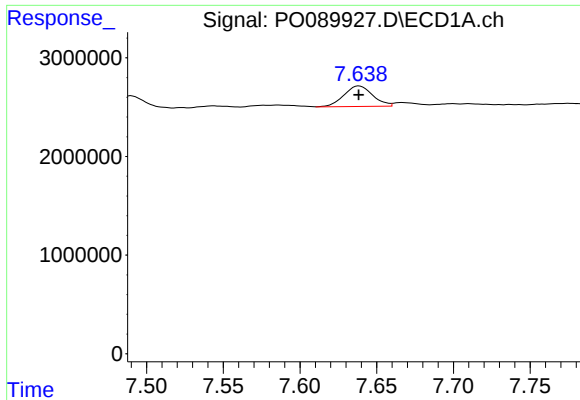
#29 AR-1254-4

R.T.: 7.217 min
Delta R.T.: 0.000 min
Response: 2796967
Conc: 22.06 ng/ml



#29 AR-1254-4

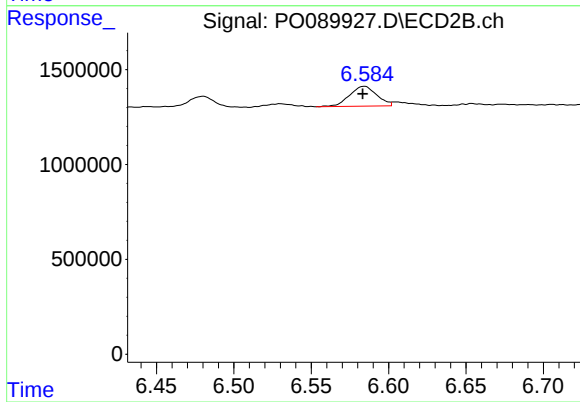
R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 1070090
Conc: 22.46 ng/ml



#30 AR-1254-5

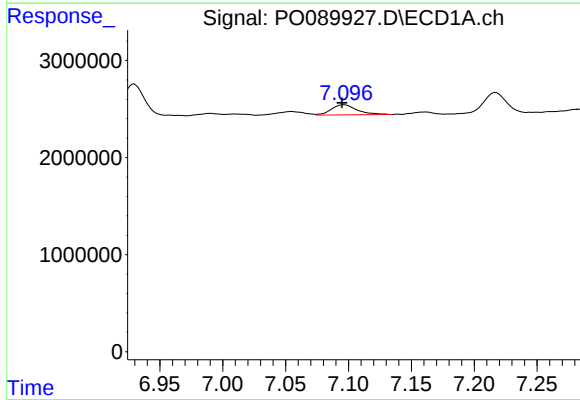
R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 2740622
Conc: 19.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



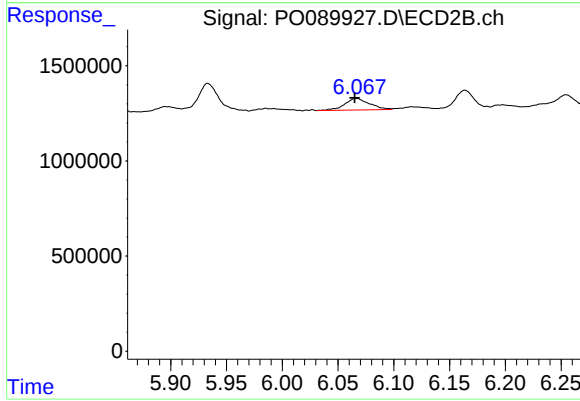
#30 AR-1254-5

R.T.: 6.584 min
Delta R.T.: 0.001 min
Response: 1283400
Conc: 18.16 ng/ml



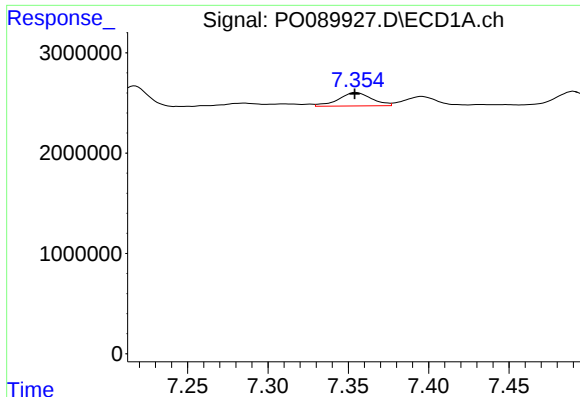
#31 AR-1260-1

R.T.: 7.097 min
Delta R.T.: 0.002 min
Response: 1493031
Conc: 11.00 ng/ml



#31 AR-1260-1

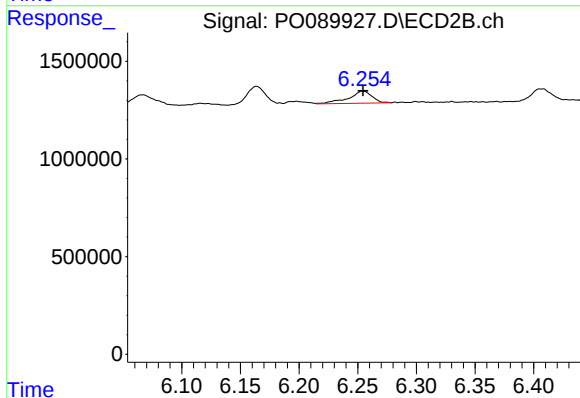
R.T.: 6.067 min
Delta R.T.: 0.002 min
Response: 953132
Conc: 17.24 ng/ml



#32 AR-1260-2

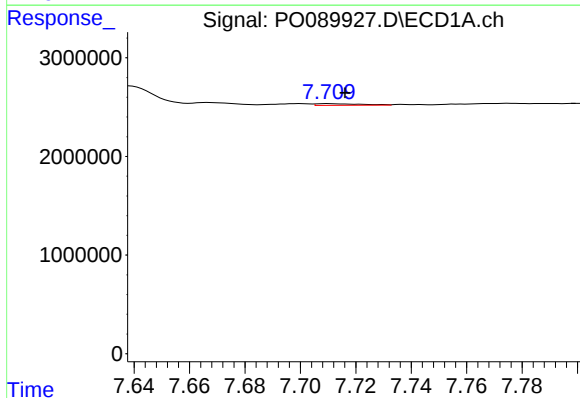
R.T.: 7.355 min
Delta R.T.: 0.000 min
Response: 1904588
Conc: 12.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



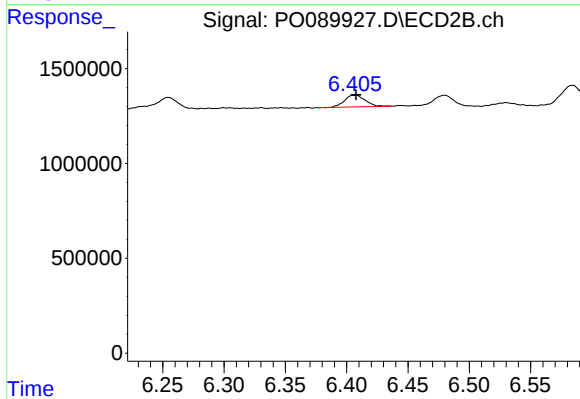
#32 AR-1260-2

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 872858
Conc: 13.58 ng/ml



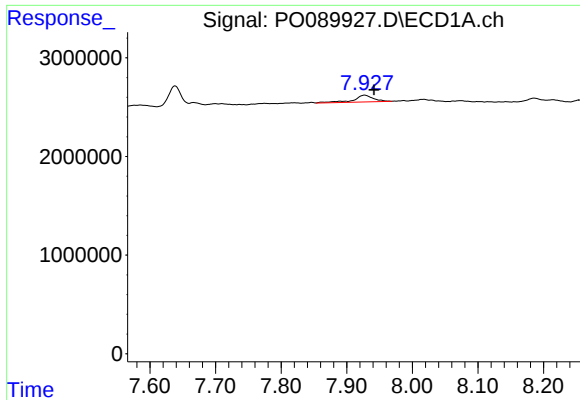
#33 AR-1260-3

R.T.: 7.710 min
Delta R.T.: -0.006 min
Response: 184916
Conc: 1.72 ng/ml



#33 AR-1260-3

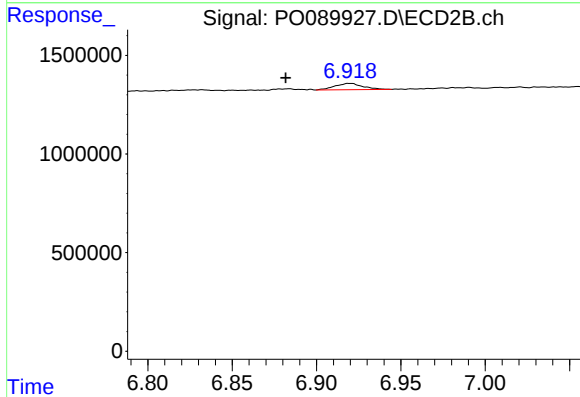
R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 718648
Conc: 11.90 ng/ml



#34 AR-1260-4

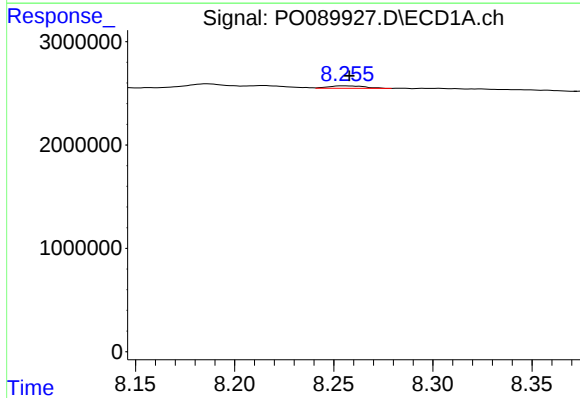
R.T.: 7.927 min
Delta R.T.: -0.014 min
Response: 1459523
Conc: 11.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



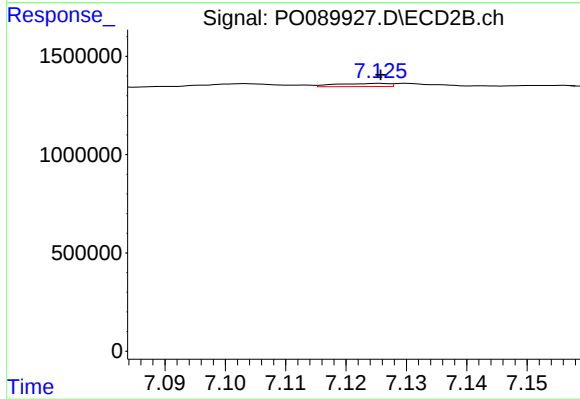
#34 AR-1260-4

R.T.: 6.919 min
Delta R.T.: 0.037 min
Response: 371836
Conc: 7.80 ng/ml



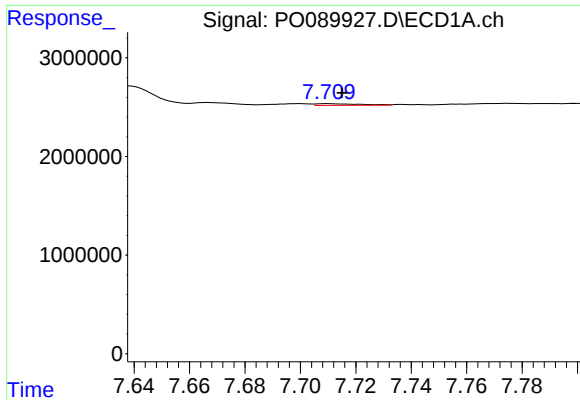
#35 AR-1260-5

R.T.: 8.255 min
Delta R.T.: -0.003 min
Response: 289384
Conc: 1.24 ng/ml



#35 AR-1260-5

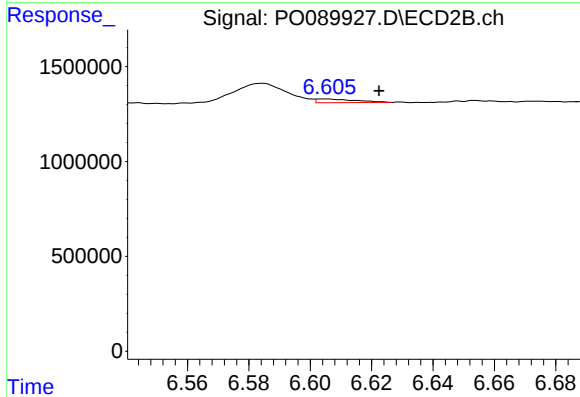
R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 98342
Conc: 0.91 ng/ml



#36 AR-1262-1

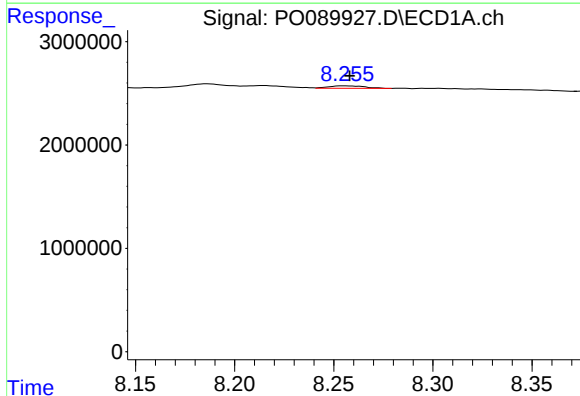
R.T.: 7.710 min
Delta R.T.: -0.005 min
Response: 184916
Conc: 1.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



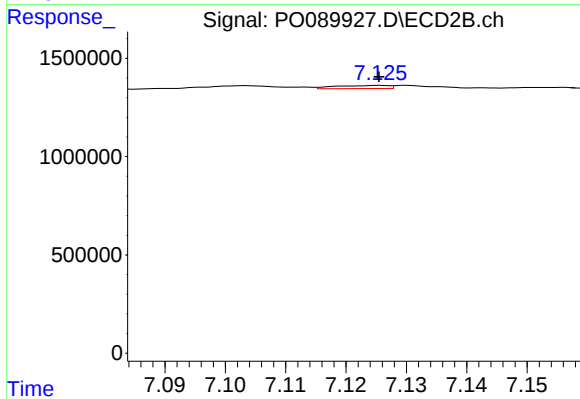
#36 AR-1262-1

R.T.: 6.605 min
Delta R.T.: -0.017 min
Response: 175320
Conc: 2.45 ng/ml



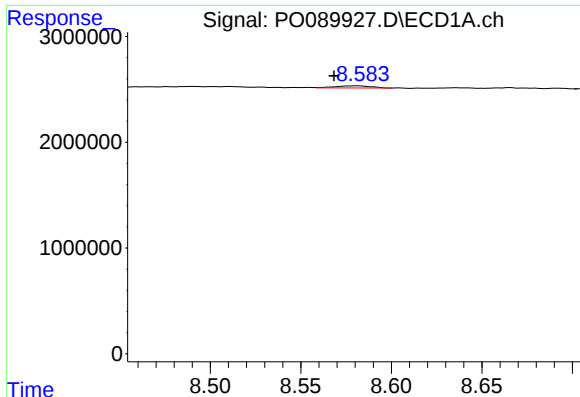
#37 AR-1262-2

R.T.: 8.255 min
Delta R.T.: -0.003 min
Response: 289384
Conc: 1.04 ng/ml



#37 AR-1262-2

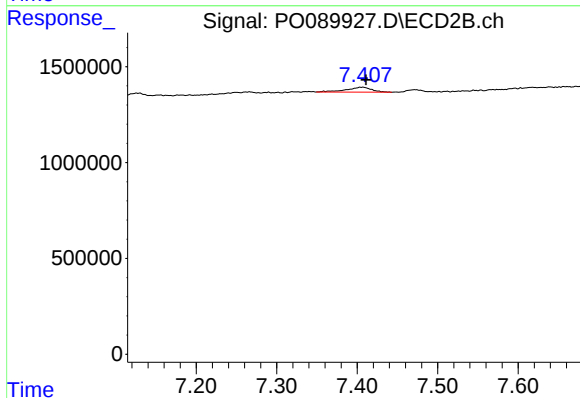
R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 98342
Conc: 0.81 ng/ml



#38 AR-1262-3

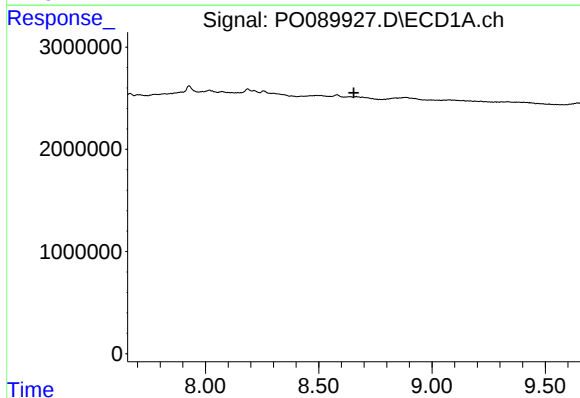
R.T.: 8.581 min
Delta R.T.: 0.013 min
Response: 273552
Conc: 1.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



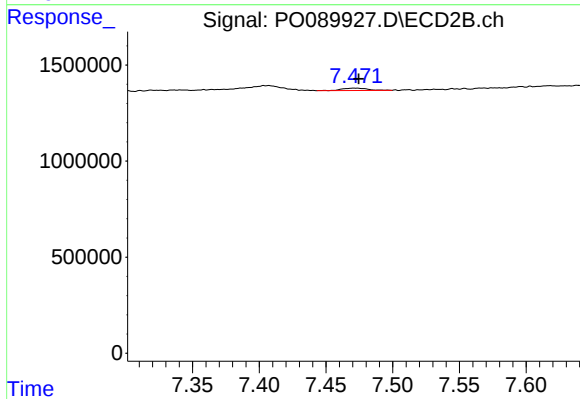
#38 AR-1262-3

R.T.: 7.407 min
Delta R.T.: -0.004 min
Response: 564466
Conc: 10.89 ng/ml



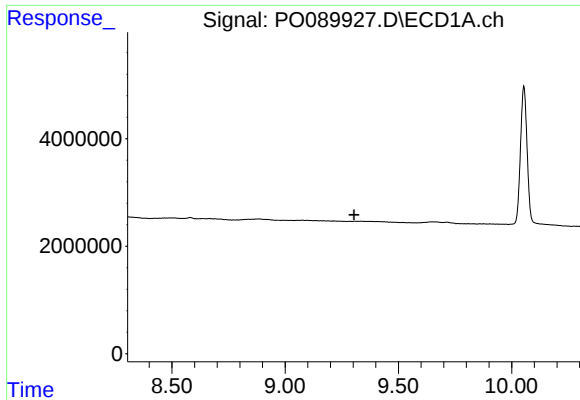
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.655 min
Response: 0
Conc: N.D.



#39 AR-1262-4

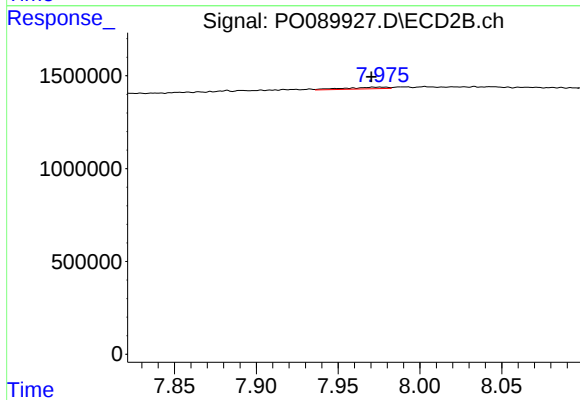
R.T.: 7.471 min
Delta R.T.: -0.003 min
Response: 163872
Conc: 1.80 ng/ml



#40 AR-1262-5

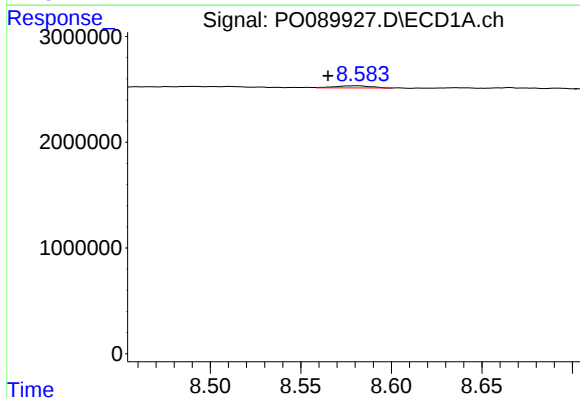
R.T.: 0.000 min
Exp R.T.: 9.304 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



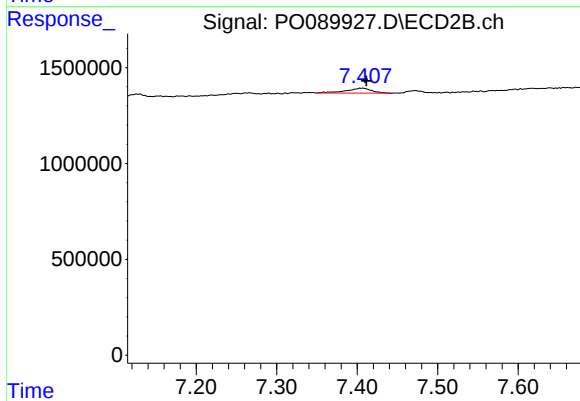
#40 AR-1262-5

R.T.: 7.971 min
Delta R.T.: 0.001 min
Response: 159090
Conc: 3.62 ng/ml



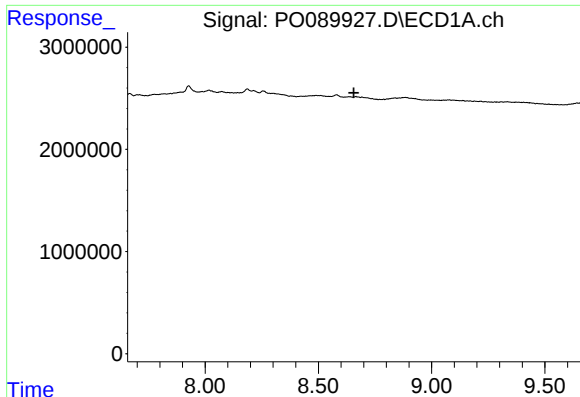
#41 AR-1268-1

R.T.: 8.581 min
Delta R.T.: 0.016 min
Response: 273552
Conc: 0.81 ng/ml



#41 AR-1268-1

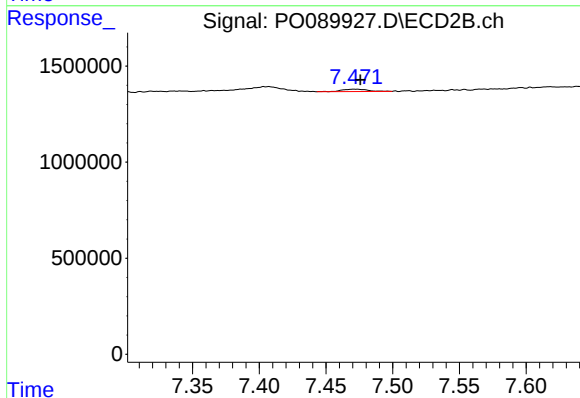
R.T.: 7.407 min
Delta R.T.: -0.004 min
Response: 564466
Conc: 3.94 ng/ml



#42 AR-1268-2

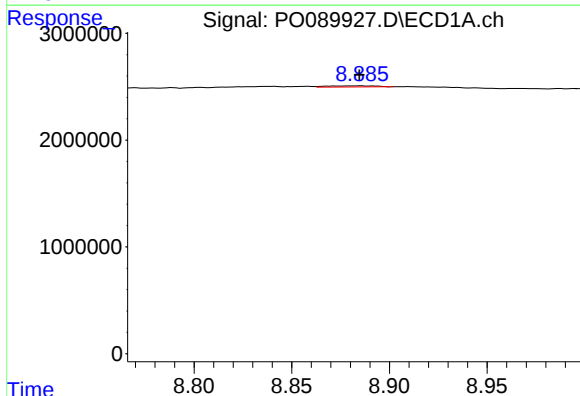
R.T.: 0.000 min
Exp R.T.: 8.657 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



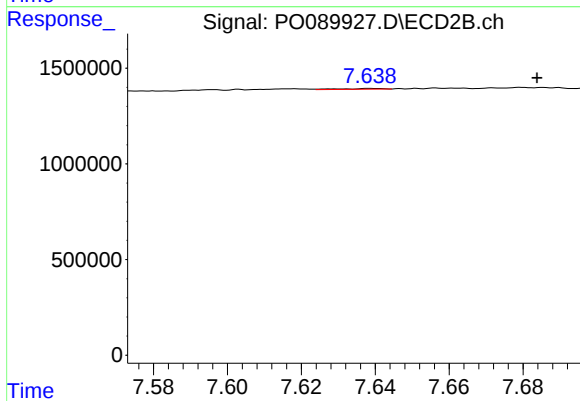
#42 AR-1268-2

R.T.: 7.471 min
Delta R.T.: -0.005 min
Response: 163872
Conc: 1.28 ng/ml



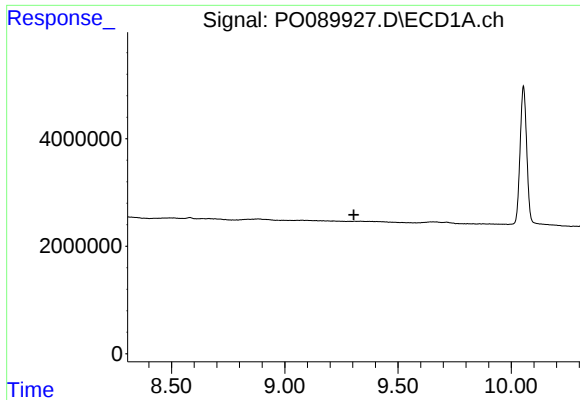
#43 AR-1268-3

R.T.: 8.885 min
Delta R.T.: 0.000 min
Response: 182547
Conc: 0.69 ng/ml



#43 AR-1268-3

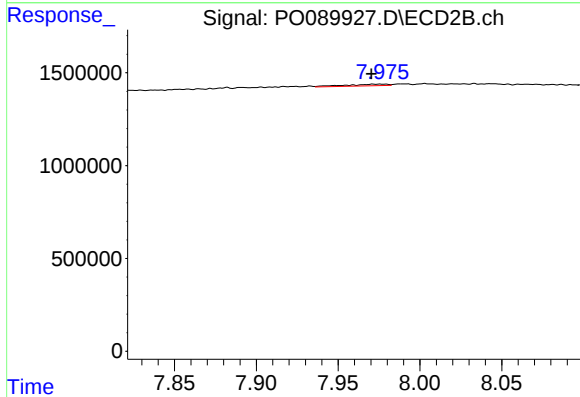
R.T.: 7.638 min
Delta R.T.: -0.045 min
Response: 36116
Conc: 0.33 ng/ml



#44 AR-1268-4

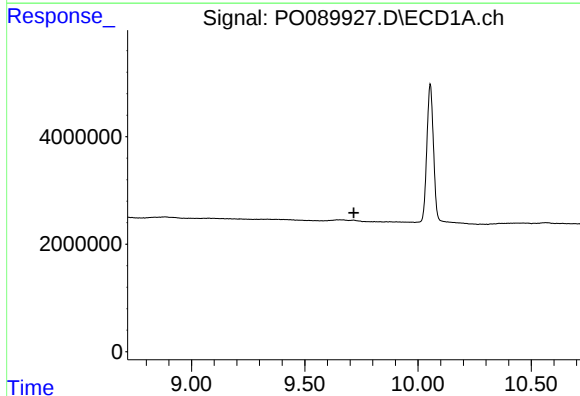
R.T.: 0.000 min
Exp R.T.: 9.304 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



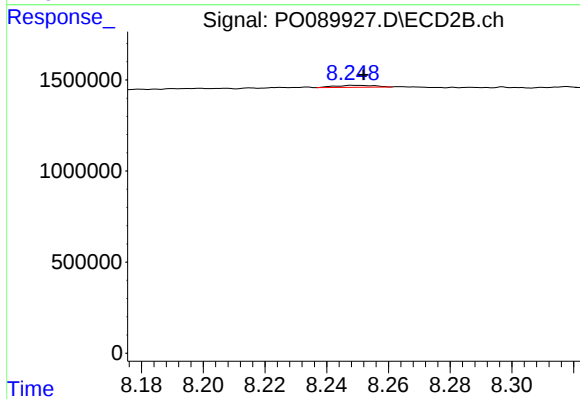
#44 AR-1268-4

R.T.: 7.971 min
Delta R.T.: 0.001 min
Response: 159090
Conc: 3.32 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.717 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.248 min
Delta R.T.: -0.003 min
Response: 97104
Conc: 0.30 ng/ml