

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0081622\
 Data File : P0089021.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2022 13:09
 Operator : YP/AJ
 Sample : N4211-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 23:57:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0080422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 05 23:24:09 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...	4.430	3.589	58283682	20494220	21.608	18.936
2)	SA Decachlor...	10.272	8.578	44935212	23849048	23.286	19.679
Target Compounds							
3)	L1 AR-1016-1	5.679f	0.000	221374	0	2.746	N.D. #
4)	L1 AR-1016-2	5.679f	0.000	221374	0	1.919	N.D. #
5)	L1 AR-1016-3	5.679	0.000	221374	0	3.063	N.D. #
6)	L1 AR-1016-4	5.753f	4.966f	151008	188614	2.634	7.819 #
8)	L2 AR-1221-1	4.641	0.000	784056	0	25.295	N.D. #
9)	L2 AR-1221-2	4.738	3.885	835654	512634	36.144	56.757 #
10)	L2 AR-1221-3	0.000	4.004f	0	1115434	N.D.	39.251 #
11)	L3 AR-1232-1	0.000	4.004f	0	1115434	N.D.	49.262 #
12)	L3 AR-1232-2	5.153	0.000	6413712	0	231.327	N.D. #
13)	L3 AR-1232-3	5.679f	0.000	221374	0	4.340	N.D. #
14)	L3 AR-1232-4	5.753f	4.966	151008	188614	6.038	16.003 #
15)	L3 AR-1232-5	5.915	0.000	292529	0	14.214	N.D. #
16)	L4 AR-1242-1	5.679f	0.000	221374	0	3.294	N.D. #
17)	L4 AR-1242-2	5.679f	0.000	221374	0	2.294	N.D. #
18)	L4 AR-1242-3	5.679	0.000	221374	0	3.668	N.D. #
19)	L4 AR-1242-4	5.753f	4.966	151008	188614	3.133	7.481 #
20)	L4 AR-1242-5	6.539	5.465	236982	497786	4.566	15.634 #
21)	L5 AR-1248-1	5.679f	0.000	221374	0	4.291	N.D. #
22)	L5 AR-1248-2	5.915	4.966f	292529	188614	3.811	5.255 #
23)	L5 AR-1248-3	0.000	4.966	0	188614	N.D.	4.954 #
24)	L5 AR-1248-4	6.468	0.000	879384	0	9.792	N.D. #
25)	L5 AR-1248-5	6.539	5.465f	236982	497786	2.673	11.401 #
26)	L6 AR-1254-1	6.468	5.465	879384	497786	9.627	7.227
27)	L6 AR-1254-2	6.689	5.612	858499	137577	6.278	2.323 #
28)	L6 AR-1254-3	7.056	6.016	2895052	2140974	20.572	23.024
29)	L6 AR-1254-4	7.344	6.245	884952	232836	8.758	4.110 #
30)	L6 AR-1254-5	7.764	6.660	4370093	2590856	41.038	31.740
31)	L7 AR-1260-1	7.221	6.145	2755585	1546102	26.664	24.327
32)	L7 AR-1260-2	7.478	6.334	2821443	1374124	23.870	17.933
33)	L7 AR-1260-3	7.841	6.486	2110119	1497068	24.022	20.839
34)	L7 AR-1260-4	8.066	6.957	3681799	1232464	37.592	20.197 #
35)	L7 AR-1260-5	8.396	7.200	4195169	2853753	22.775	20.233
36)	L8 AR-1262-1	7.841	6.752	2110119	793120	16.653	22.651 #
37)	L8 AR-1262-2	8.396	7.200	4195169	2853753	19.981	18.630
38)	L8 AR-1262-3	8.732	7.483	2580721	921394	28.625	14.939 #
39)	L8 AR-1262-4	8.809	7.546	726796	2072523	11.026	18.199 #
40)	L8 AR-1262-5	9.487	8.042	1211639	1167336	15.111	21.743 #
41)	L9 AR-1268-1	8.732	7.483	2580721	921394	10.405	5.204 #
42)	L9 AR-1268-2	8.809	7.546	726796	2072523	3.195	12.909 #

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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	9.051	7.755	263784	226292	1.346	1.640
44) L9	AR-1268-4	9.487	8.042	1211639	1167336	13.915	20.168 #
45) L9	AR-1268-5	9.917	8.331	607184	564693	0.970	1.384 #

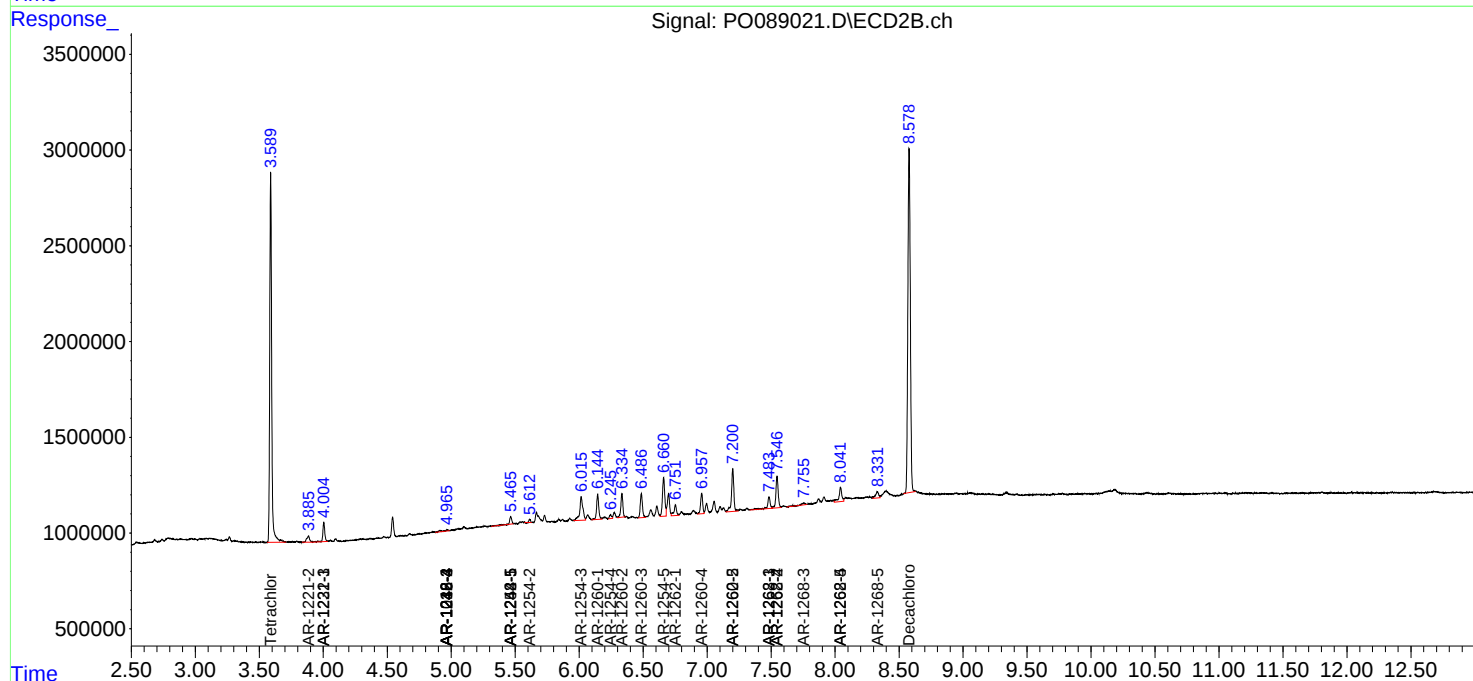
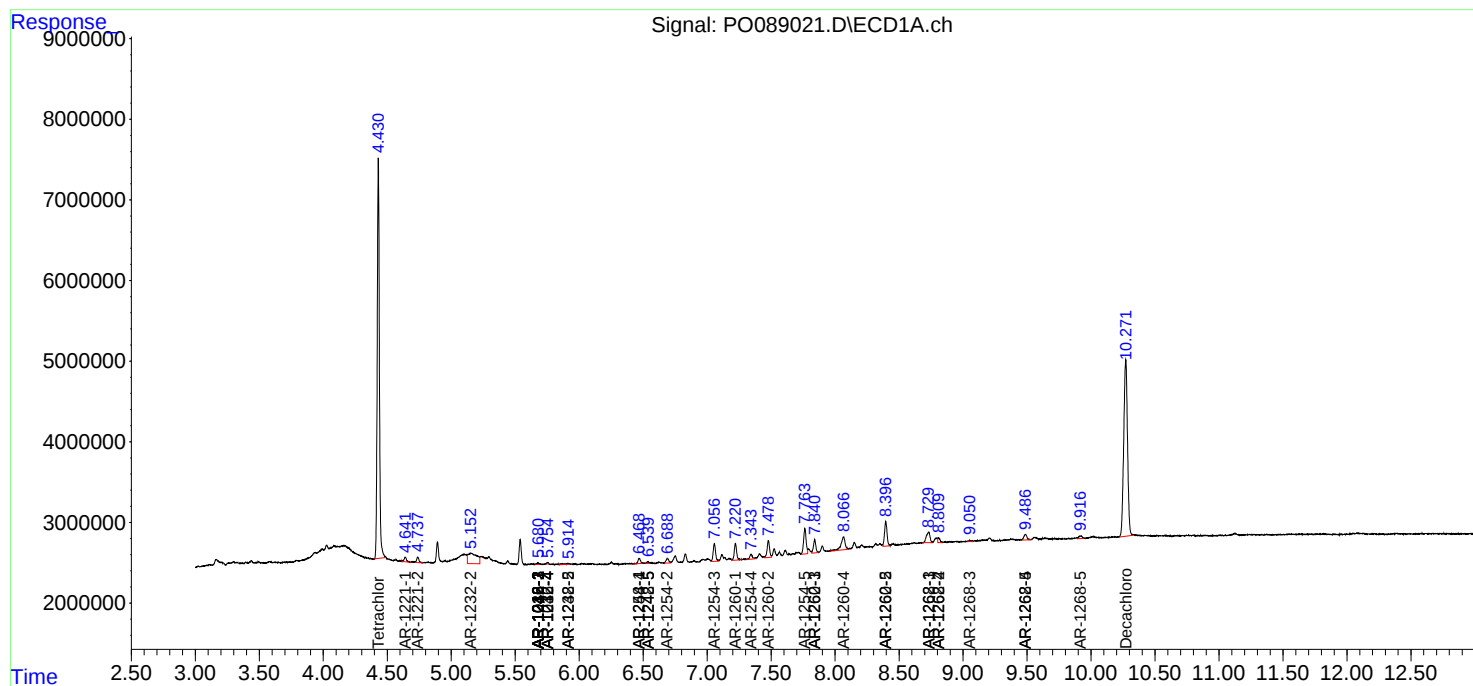
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

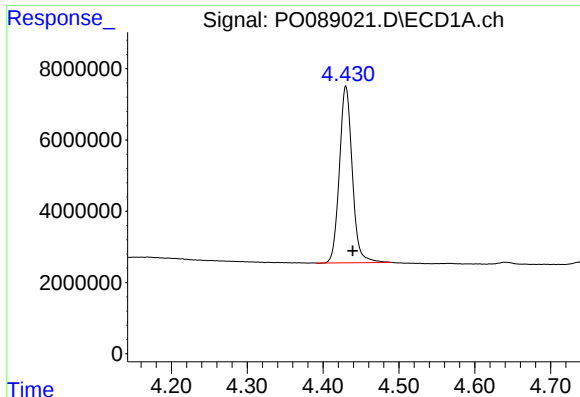
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

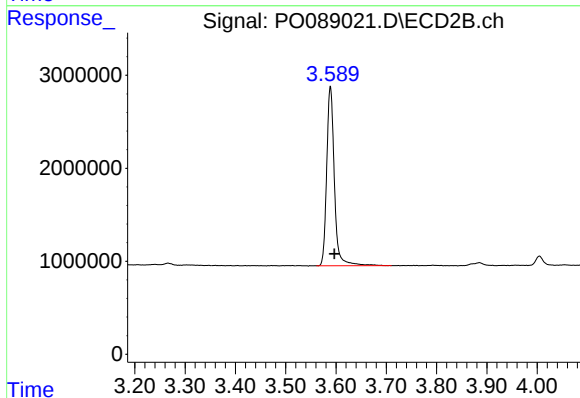




#1 Tetrachloro-m-xylene

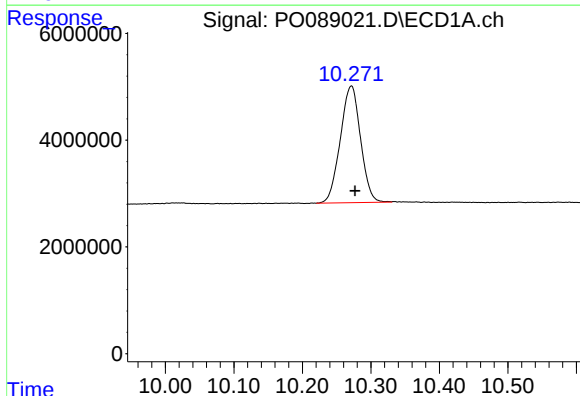
R.T.: 4.430 min
Delta R.T.: -0.009 min
Response: 58283682
Conc: 21.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



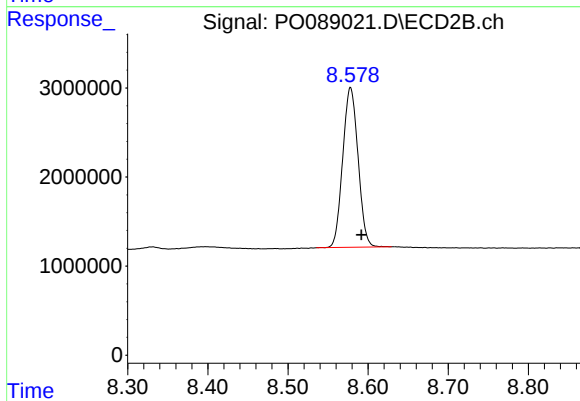
#1 Tetrachloro-m-xylene

R.T.: 3.589 min
Delta R.T.: -0.008 min
Response: 20494220
Conc: 18.94 ng/ml



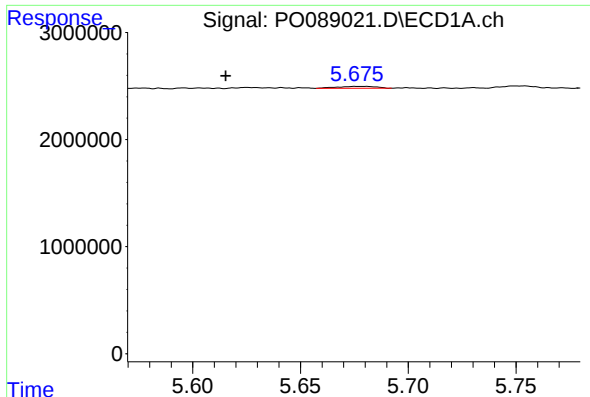
#2 Decachlorobiphenyl

R.T.: 10.272 min
Delta R.T.: -0.005 min
Response: 44935212
Conc: 23.29 ng/ml



#2 Decachlorobiphenyl

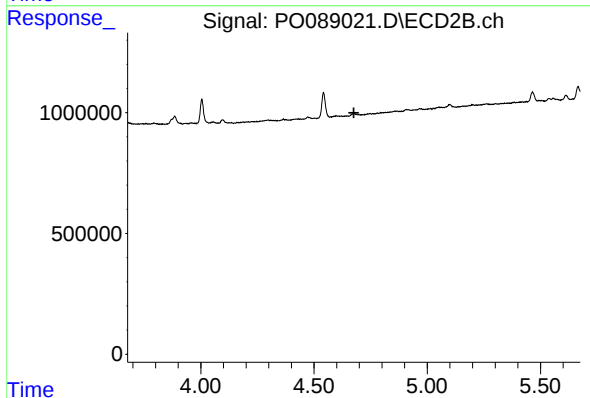
R.T.: 8.578 min
Delta R.T.: -0.014 min
Response: 23849048
Conc: 19.68 ng/ml



#3 AR-1016-1

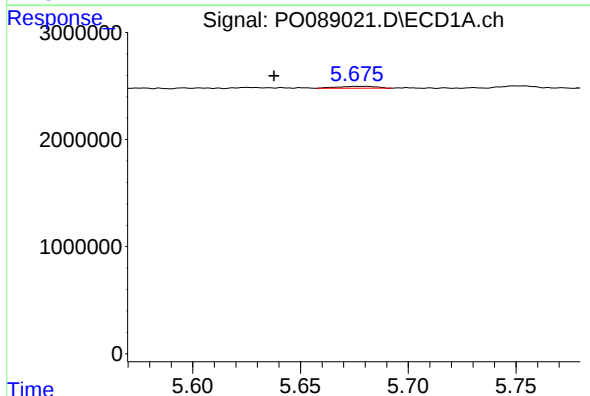
R.T.: 5.679 min
Delta R.T.: 0.064 min
Response: 221374
Conc: 2.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



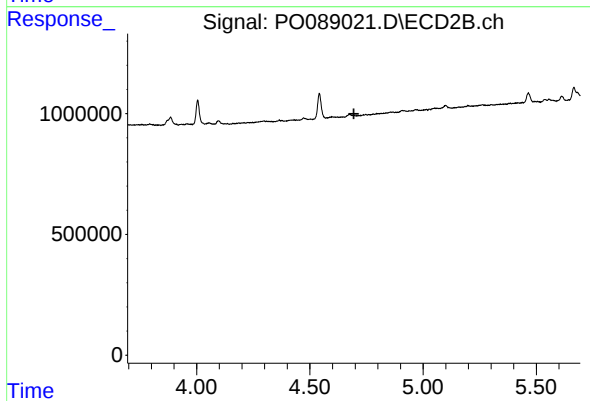
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.676 min
Response: 0
Conc: N.D.



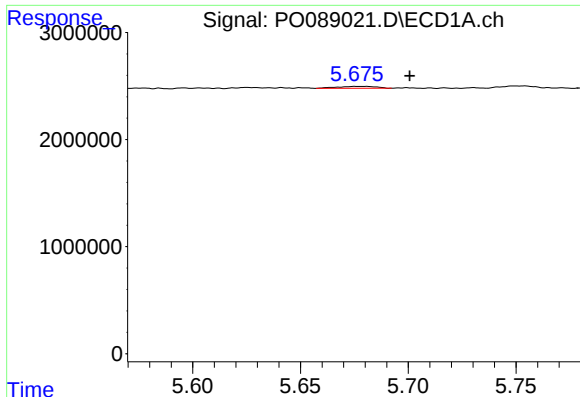
#4 AR-1016-2

R.T.: 5.679 min
Delta R.T.: 0.042 min
Response: 221374
Conc: 1.92 ng/ml



#4 AR-1016-2

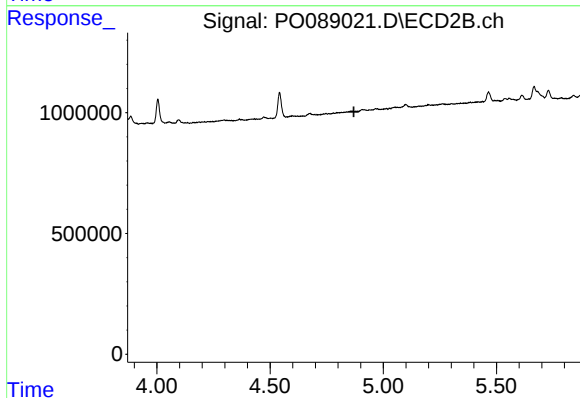
R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



#5 AR-1016-3

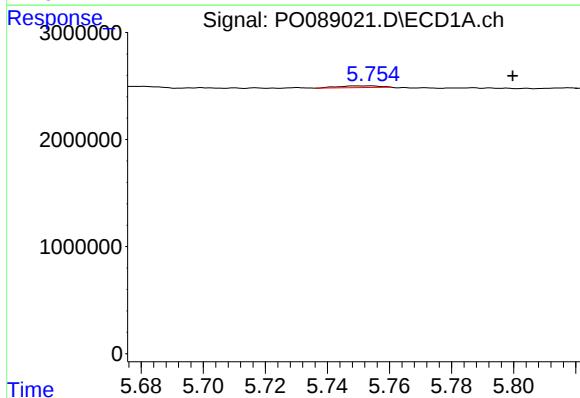
R.T.: 5.679 min
Delta R.T.: -0.021 min
Response: 221374
Conc: 3.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



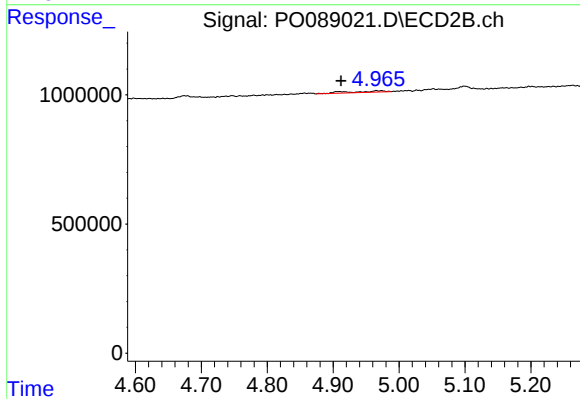
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.870 min
Response: 0
Conc: N.D.



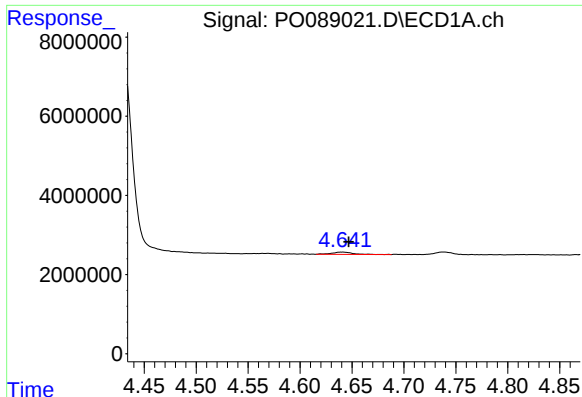
#6 AR-1016-4

R.T.: 5.753 min
Delta R.T.: -0.046 min
Response: 151008
Conc: 2.63 ng/ml



#6 AR-1016-4

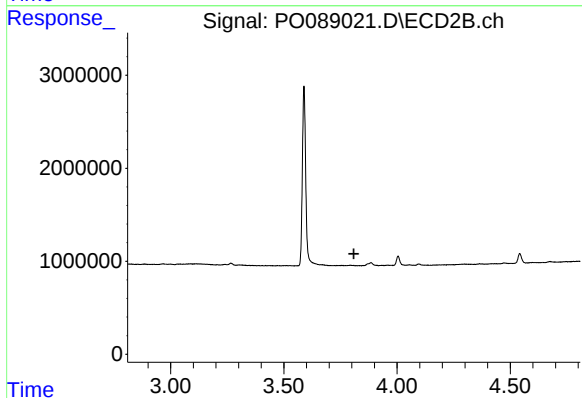
R.T.: 4.966 min
Delta R.T.: 0.054 min
Response: 188614
Conc: 7.82 ng/ml



#8 AR-1221-1

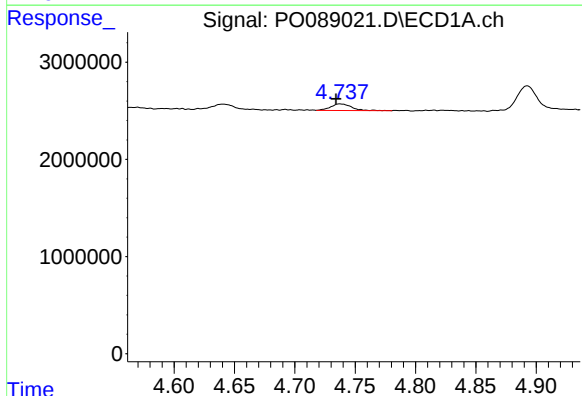
R.T.: 4.641 min
Delta R.T.: -0.006 min
Response: 784056
Conc: 25.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



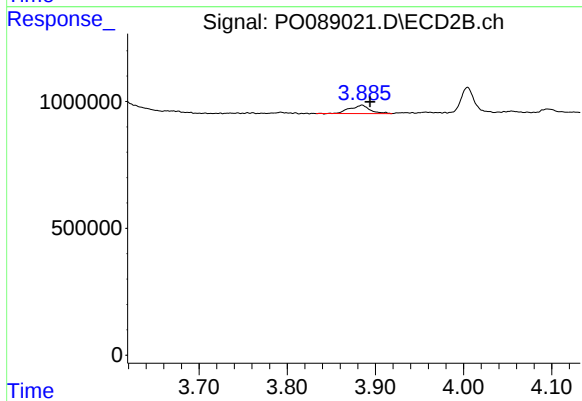
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.809 min
Response: 0
Conc: N.D.



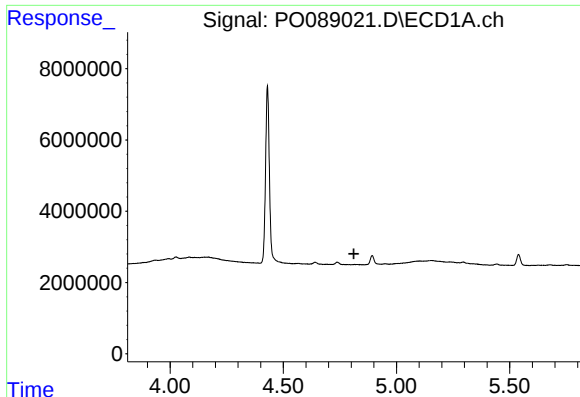
#9 AR-1221-2

R.T.: 4.738 min
Delta R.T.: 0.004 min
Response: 835654
Conc: 36.14 ng/ml



#9 AR-1221-2

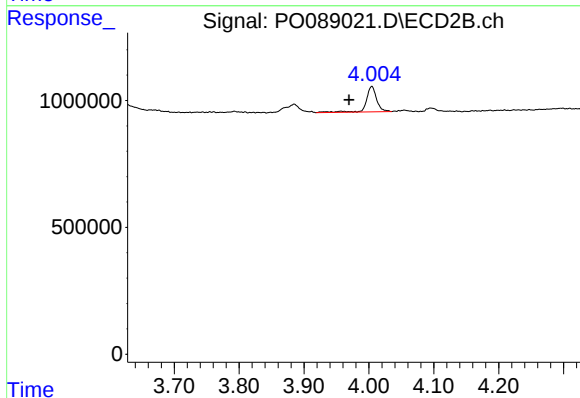
R.T.: 3.885 min
Delta R.T.: -0.009 min
Response: 512634
Conc: 56.76 ng/ml



#10 AR-1221-3

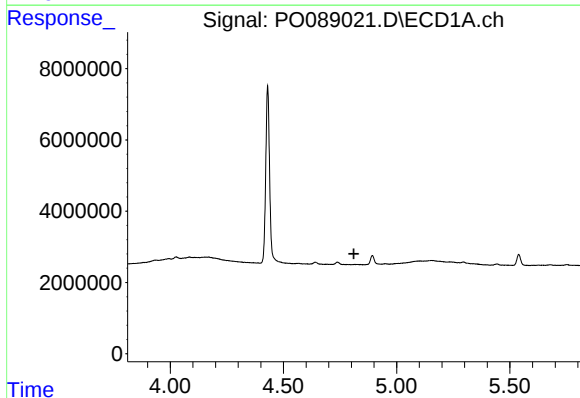
R.T.: 0.000 min
Exp R.T. : 4.812 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



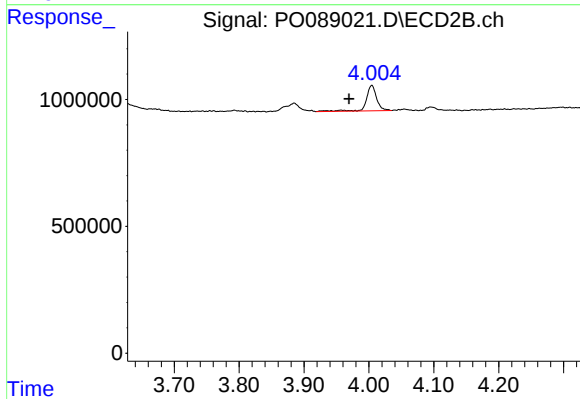
#10 AR-1221-3

R.T.: 4.004 min
Delta R.T.: 0.035 min
Response: 1115434
Conc: 39.25 ng/ml



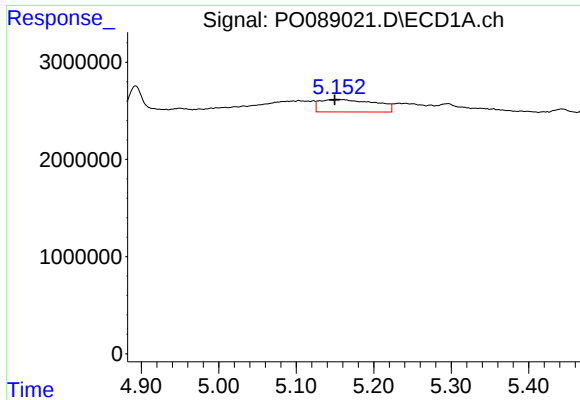
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.811 min
Response: 0
Conc: N.D.



#11 AR-1232-1

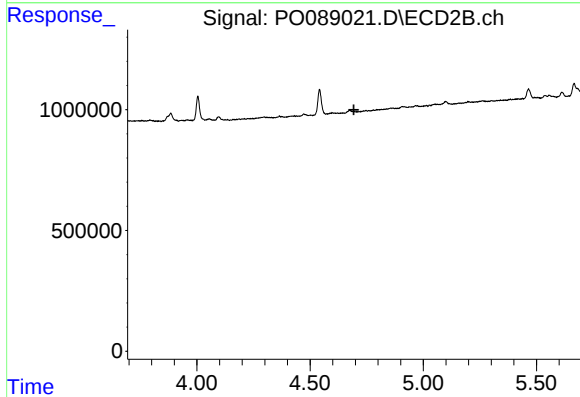
R.T.: 4.004 min
Delta R.T.: 0.035 min
Response: 1115434
Conc: 49.26 ng/ml



#12 AR-1232-2

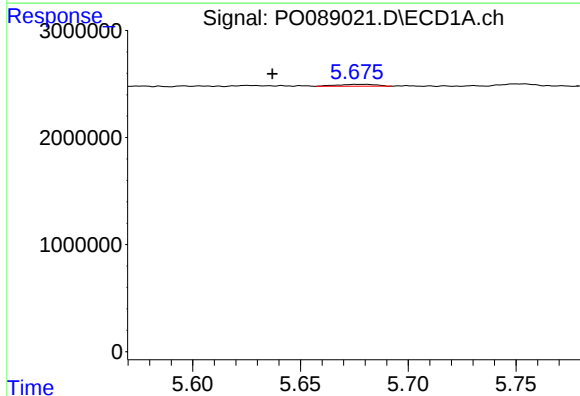
R.T.: 5.153 min
Delta R.T.: 0.003 min
Response: 6413712
Conc: 231.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



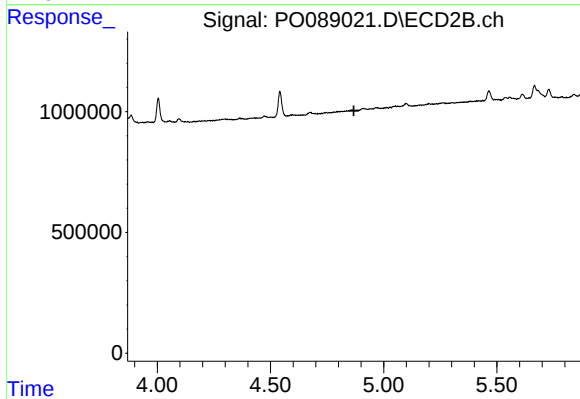
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.693 min
Response: 0
Conc: N.D.



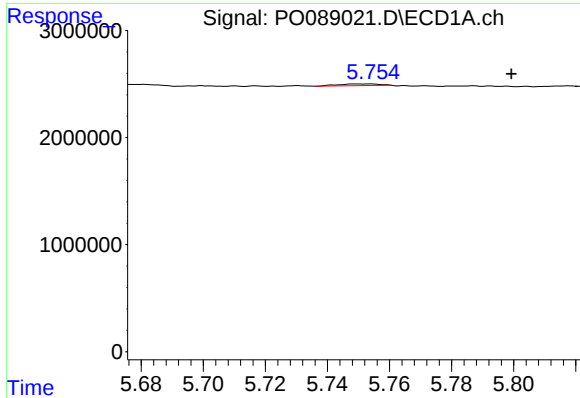
#13 AR-1232-3

R.T.: 5.679 min
Delta R.T.: 0.042 min
Response: 221374
Conc: 4.34 ng/ml



#13 AR-1232-3

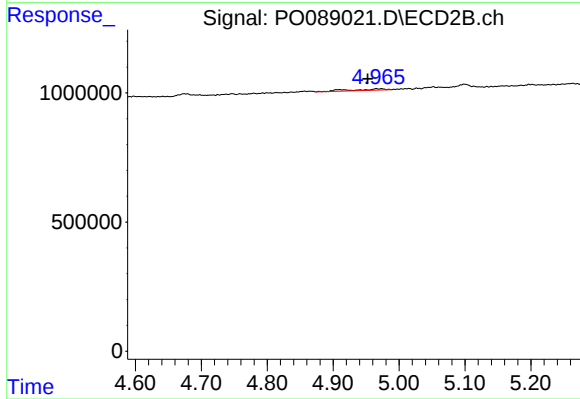
R.T.: 0.000 min
Exp R.T. : 4.869 min
Response: 0
Conc: N.D.



#14 AR-1232-4

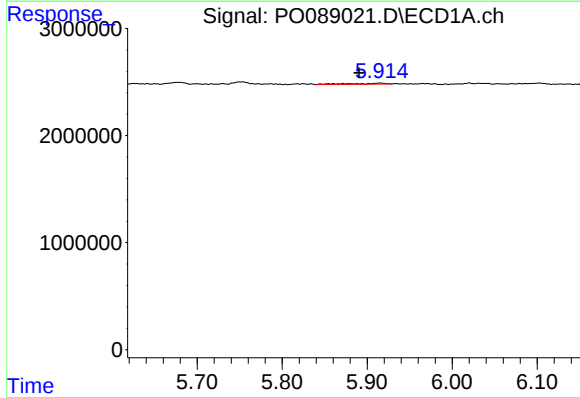
R.T.: 5.753 min
Delta R.T.: -0.046 min
Response: 151008
Conc: 6.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



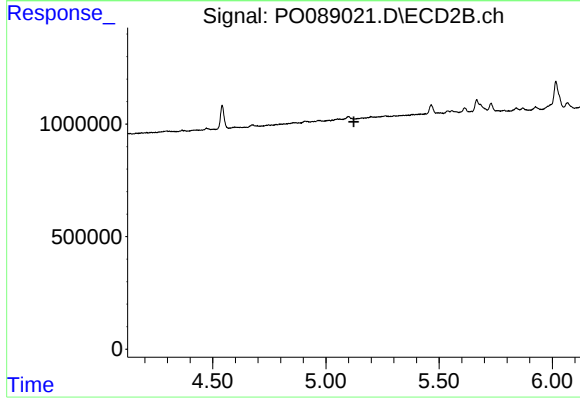
#14 AR-1232-4

R.T.: 4.966 min
Delta R.T.: 0.013 min
Response: 188614
Conc: 16.00 ng/ml



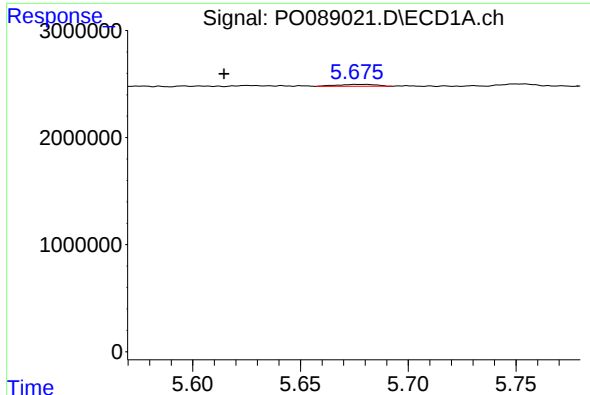
#15 AR-1232-5

R.T.: 5.915 min
Delta R.T.: 0.025 min
Response: 292529
Conc: 14.21 ng/ml



#15 AR-1232-5

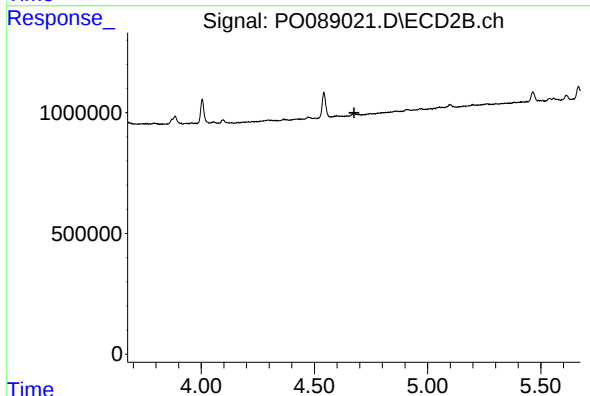
R.T.: 0.000 min
Exp R.T. : 5.124 min
Response: 0
Conc: N.D.



#16 AR-1242-1

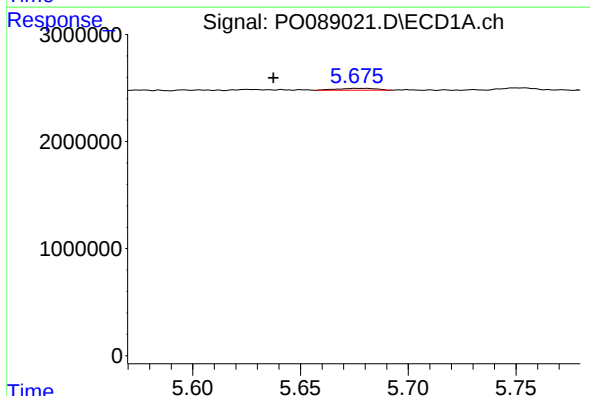
R.T.: 5.679 min
Delta R.T.: 0.065 min
Response: 221374
Conc: 3.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



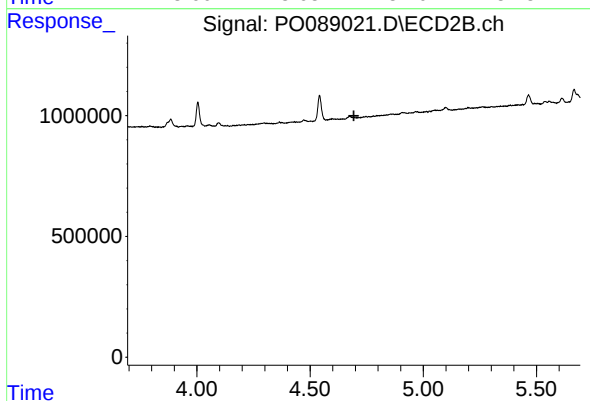
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.675 min
Response: 0
Conc: N.D.



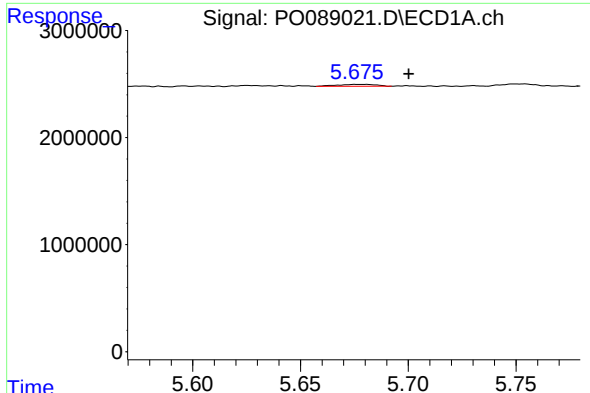
#17 AR-1242-2

R.T.: 5.679 min
Delta R.T.: 0.042 min
Response: 221374
Conc: 2.29 ng/ml



#17 AR-1242-2

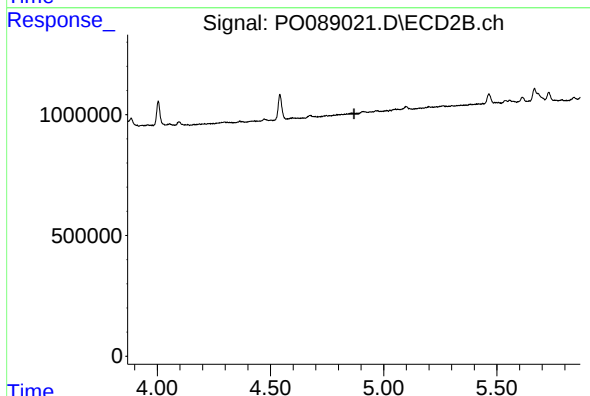
R.T.: 0.000 min
Exp R.T. : 4.693 min
Response: 0
Conc: N.D.



#18 AR-1242-3

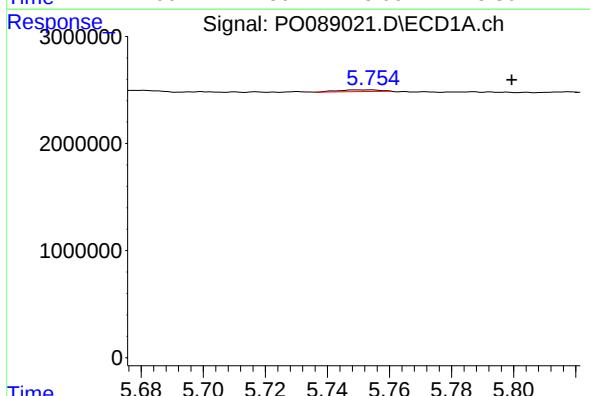
R.T.: 5.679 min
Delta R.T.: -0.021 min
Response: 221374
Conc: 3.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



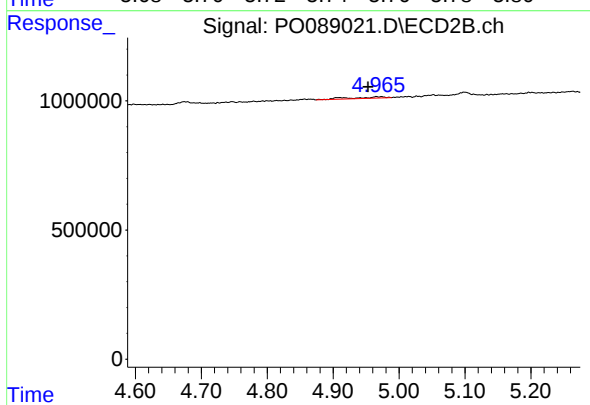
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.869 min
Response: 0
Conc: N.D.



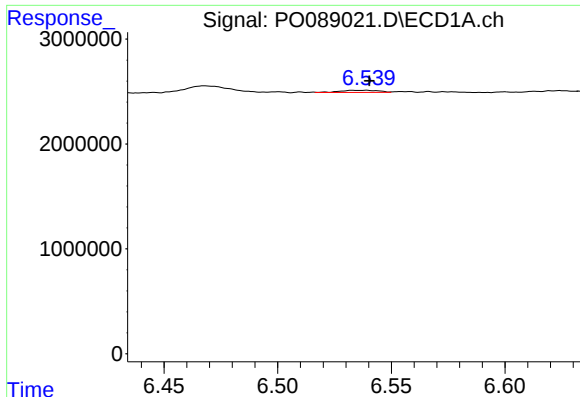
#19 AR-1242-4

R.T.: 5.753 min
Delta R.T.: -0.046 min
Response: 151008
Conc: 3.13 ng/ml



#19 AR-1242-4

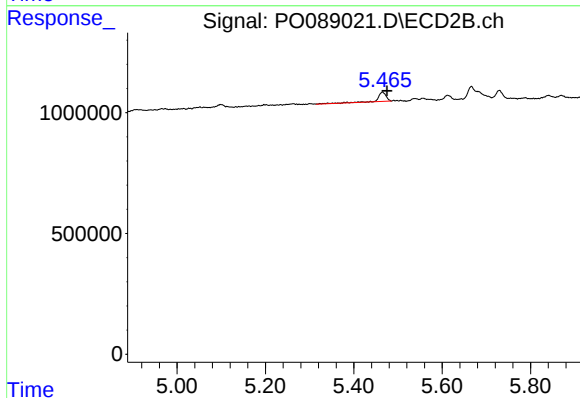
R.T.: 4.966 min
Delta R.T.: 0.013 min
Response: 188614
Conc: 7.48 ng/ml



#20 AR-1242-5

R.T.: 6.539 min
Delta R.T.: -0.002 min
Response: 236982
Conc: 4.57 ng/ml

Instrument :
ECD_O
ClientSampleId :

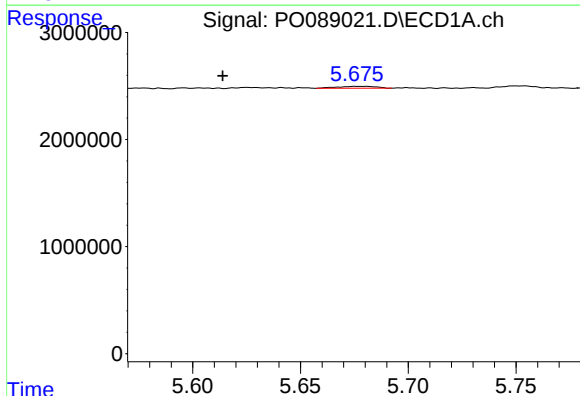


#20 AR-1242-5

R.T.: 5.465 min
Delta R.T.: -0.010 min
Response: 497786
Conc: 15.63 ng/ml

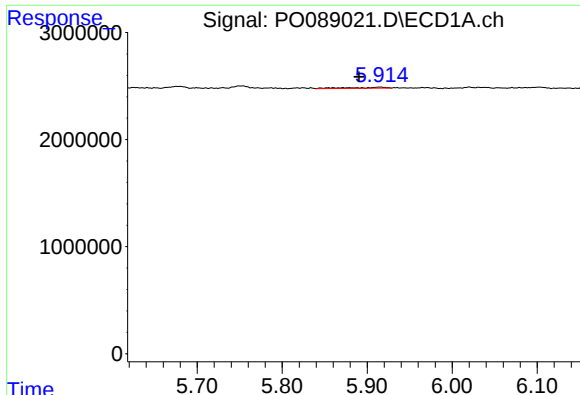
#21 AR-1248-1

R.T.: 5.679 min
Delta R.T.: 0.066 min
Response: 221374
Conc: 4.29 ng/ml



#21 AR-1248-1

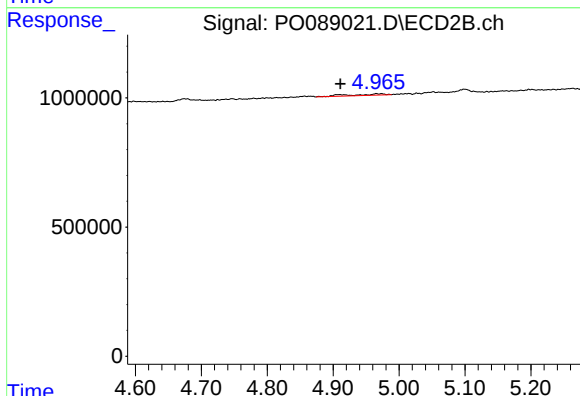
R.T.: 0.000 min
Exp R.T.: 4.674 min
Response: 0
Conc: N.D.



#22 AR-1248-2

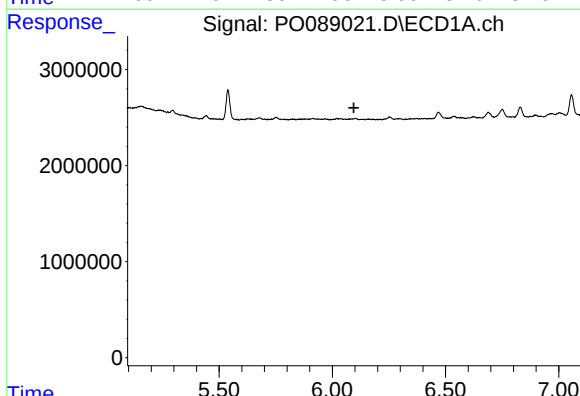
R.T.: 5.915 min
Delta R.T.: 0.025 min
Response: 292529
Conc: 3.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



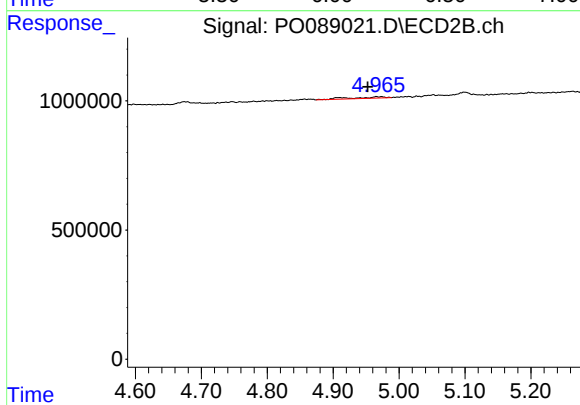
#22 AR-1248-2

R.T.: 4.966 min
Delta R.T.: 0.055 min
Response: 188614
Conc: 5.26 ng/ml



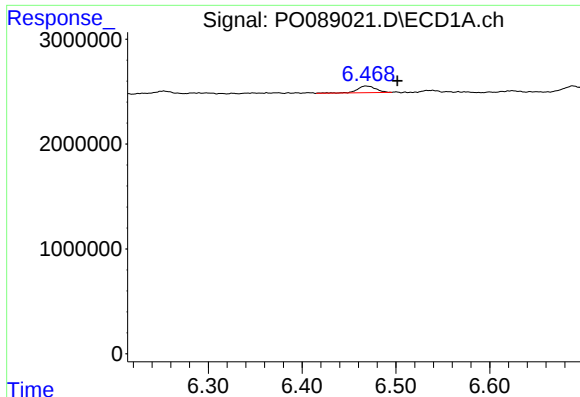
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 6.095 min
Response: 0
Conc: N.D.



#23 AR-1248-3

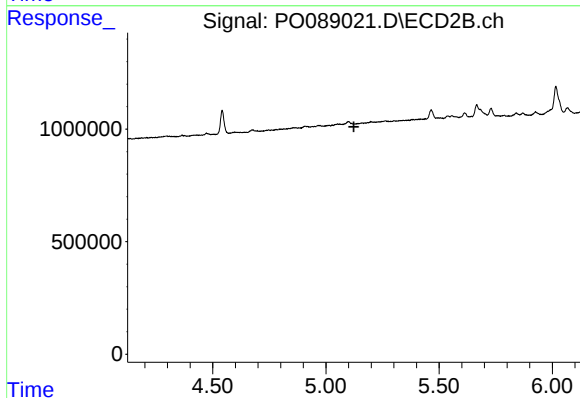
R.T.: 4.966 min
Delta R.T.: 0.013 min
Response: 188614
Conc: 4.95 ng/ml



#24 AR-1248-4

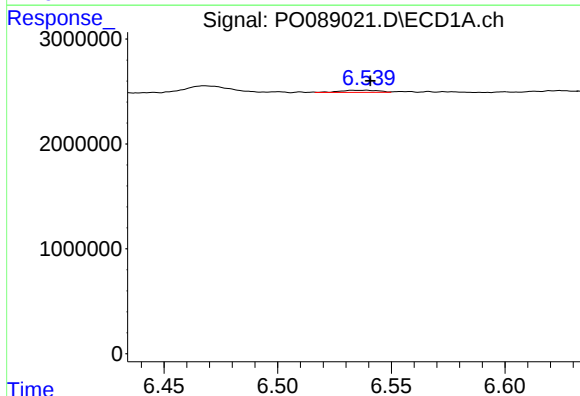
R.T.: 6.468 min
Delta R.T.: -0.033 min
Response: 879384
Conc: 9.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



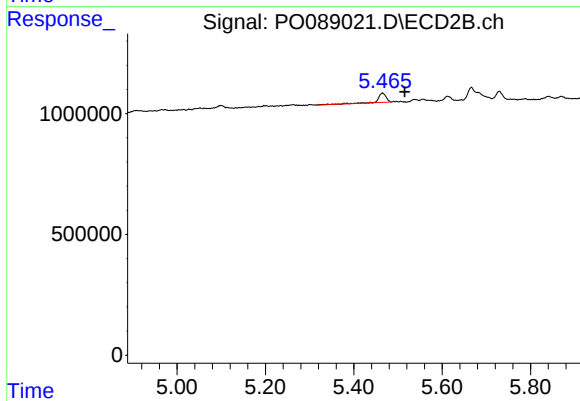
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.123 min
Response: 0
Conc: N.D.



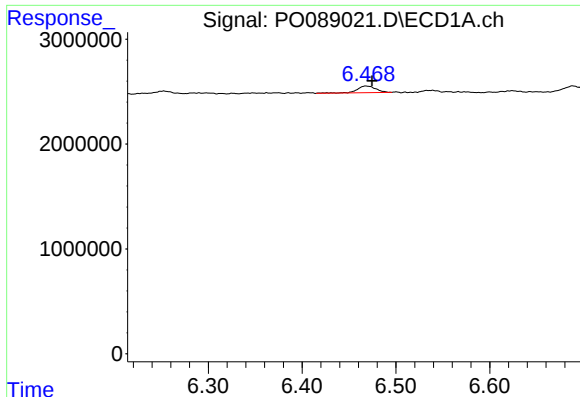
#25 AR-1248-5

R.T.: 6.539 min
Delta R.T.: -0.002 min
Response: 236982
Conc: 2.67 ng/ml



#25 AR-1248-5

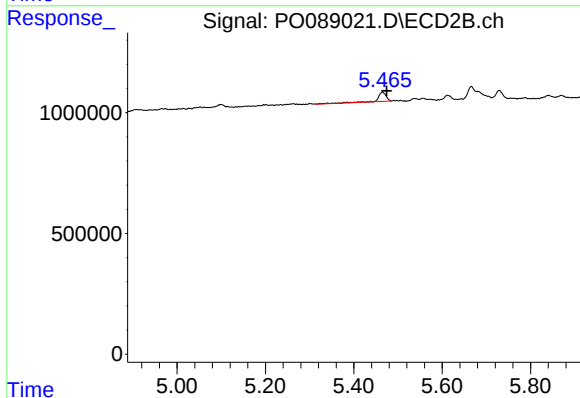
R.T.: 5.465 min
Delta R.T.: -0.051 min
Response: 497786
Conc: 11.40 ng/ml



#26 AR-1254-1

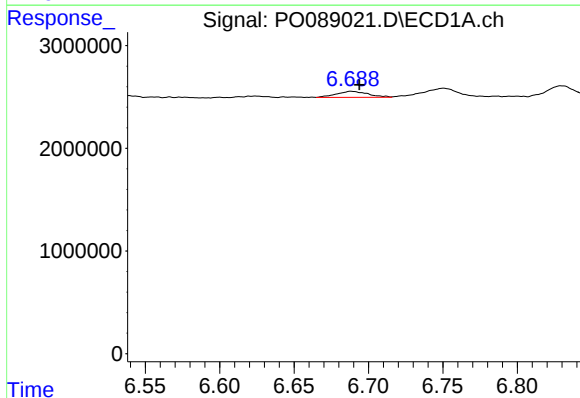
R.T.: 6.468 min
Delta R.T.: -0.006 min
Response: 879384
Conc: 9.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



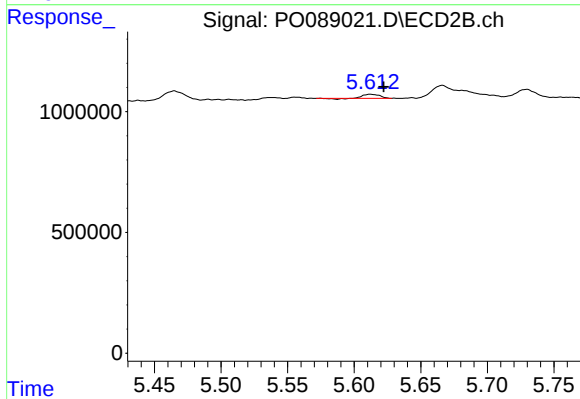
#26 AR-1254-1

R.T.: 5.465 min
Delta R.T.: -0.010 min
Response: 497786
Conc: 7.23 ng/ml



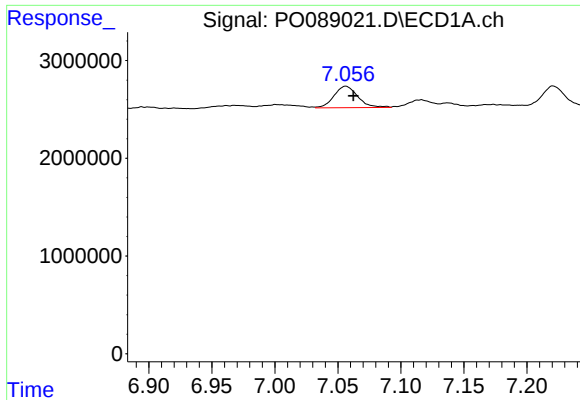
#27 AR-1254-2

R.T.: 6.689 min
Delta R.T.: -0.005 min
Response: 858499
Conc: 6.28 ng/ml



#27 AR-1254-2

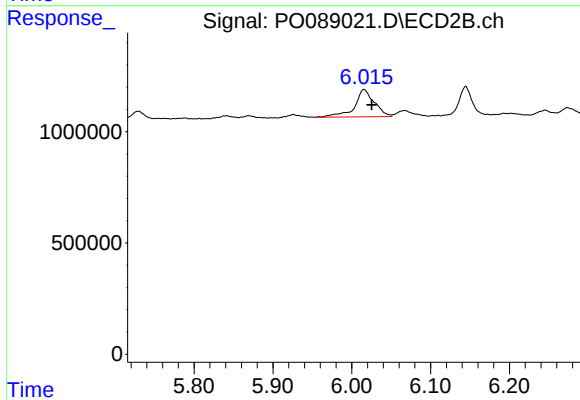
R.T.: 5.612 min
Delta R.T.: -0.010 min
Response: 137577
Conc: 2.32 ng/ml



#28 AR-1254-3

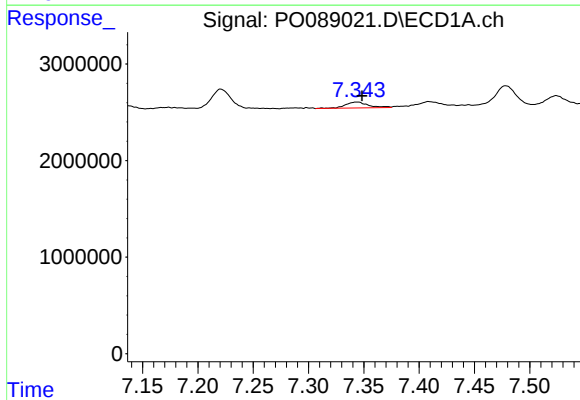
R.T.: 7.056 min
Delta R.T.: -0.006 min
Response: 2895052
Conc: 20.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



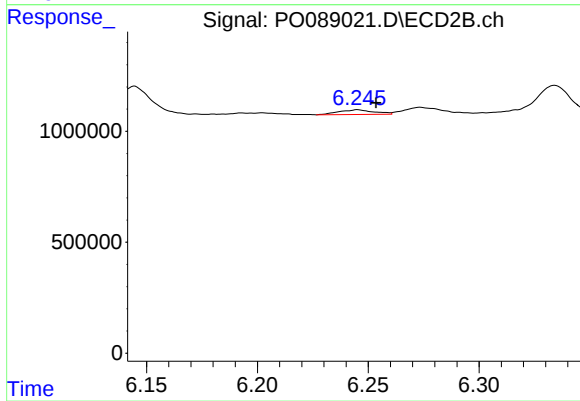
#28 AR-1254-3

R.T.: 6.016 min
Delta R.T.: -0.010 min
Response: 2140974
Conc: 23.02 ng/ml



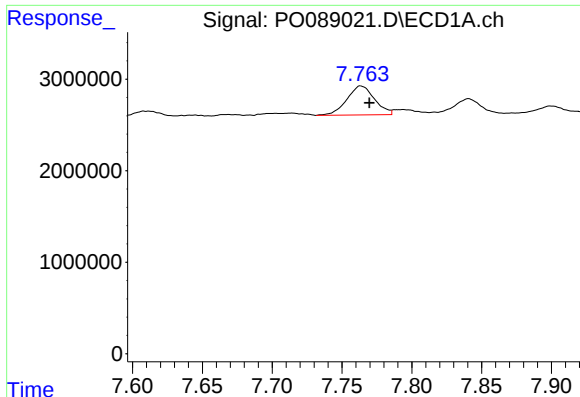
#29 AR-1254-4

R.T.: 7.344 min
Delta R.T.: -0.004 min
Response: 884952
Conc: 8.76 ng/ml



#29 AR-1254-4

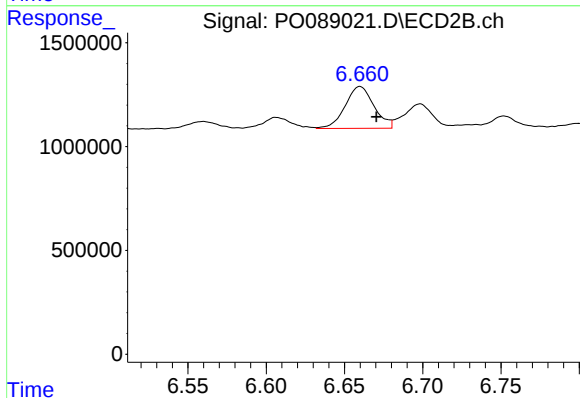
R.T.: 6.245 min
Delta R.T.: -0.008 min
Response: 232836
Conc: 4.11 ng/ml



#30 AR-1254-5

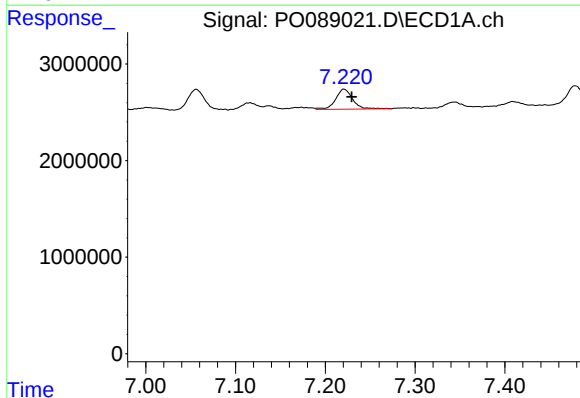
R.T.: 7.764 min
Delta R.T.: -0.006 min
Response: 4370093
Conc: 41.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



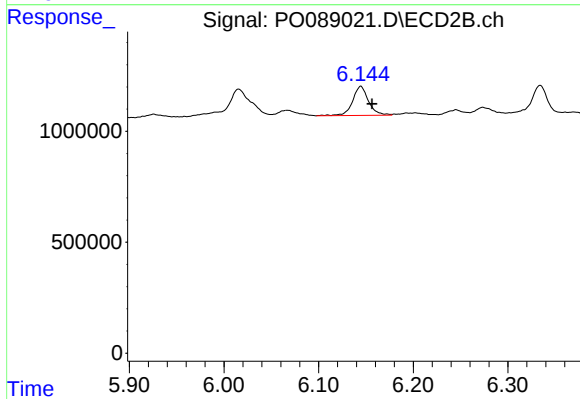
#30 AR-1254-5

R.T.: 6.660 min
Delta R.T.: -0.010 min
Response: 2590856
Conc: 31.74 ng/ml



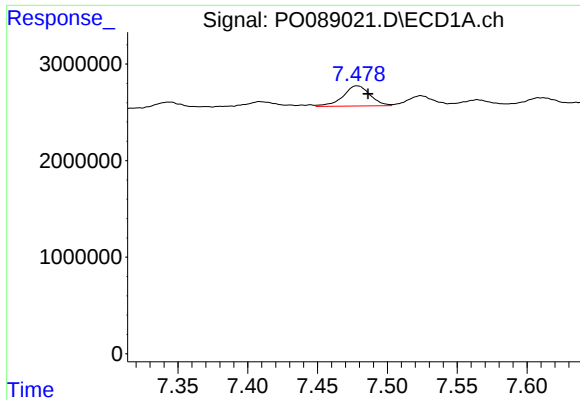
#31 AR-1260-1

R.T.: 7.221 min
Delta R.T.: -0.009 min
Response: 2755585
Conc: 26.66 ng/ml



#31 AR-1260-1

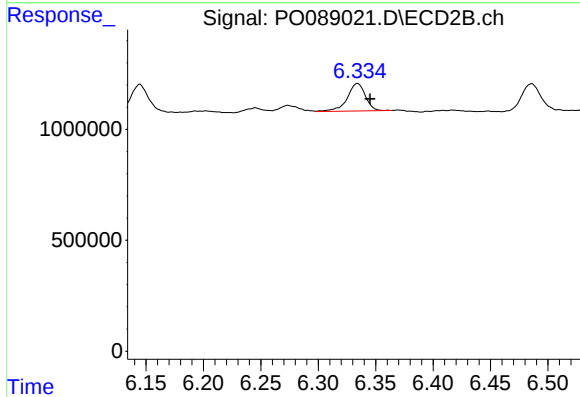
R.T.: 6.145 min
Delta R.T.: -0.012 min
Response: 1546102
Conc: 24.33 ng/ml



#32 AR-1260-2

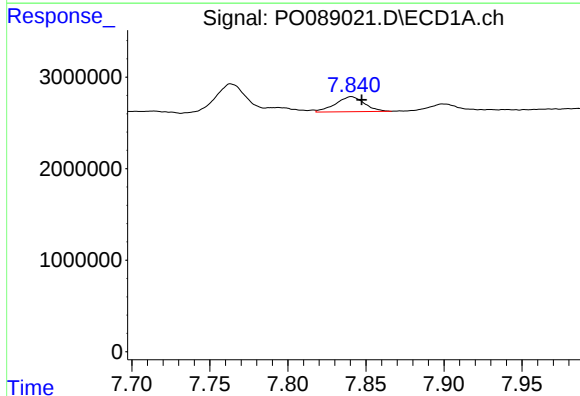
R.T.: 7.478 min
Delta R.T.: -0.008 min
Response: 2821443
Conc: 23.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



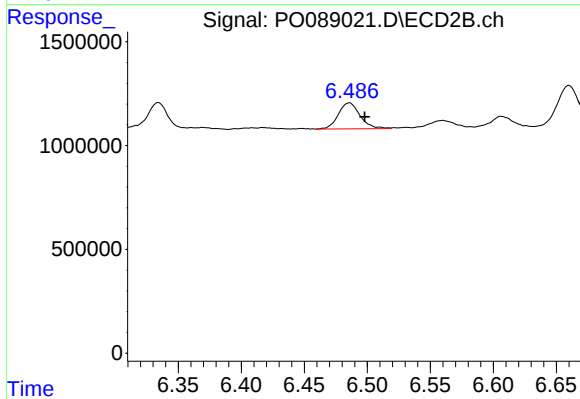
#32 AR-1260-2

R.T.: 6.334 min
Delta R.T.: -0.011 min
Response: 1374124
Conc: 17.93 ng/ml



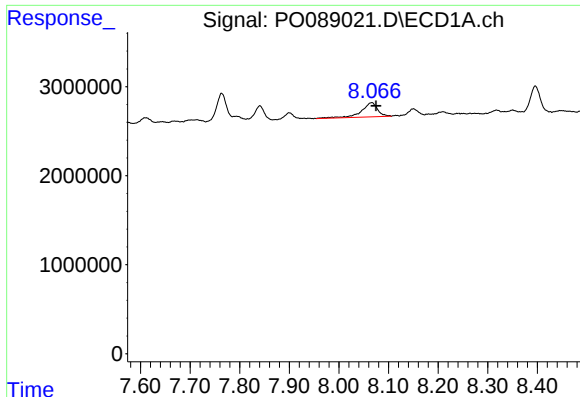
#33 AR-1260-3

R.T.: 7.841 min
Delta R.T.: -0.007 min
Response: 2110119
Conc: 24.02 ng/ml



#33 AR-1260-3

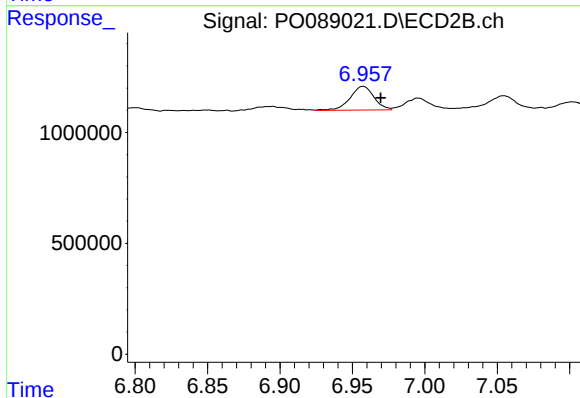
R.T.: 6.486 min
Delta R.T.: -0.012 min
Response: 1497068
Conc: 20.84 ng/ml



#34 AR-1260-4

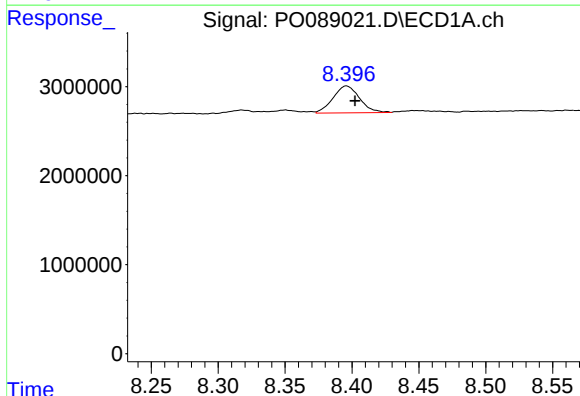
R.T.: 8.066 min
Delta R.T.: -0.008 min
Response: 3681799
Conc: 37.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



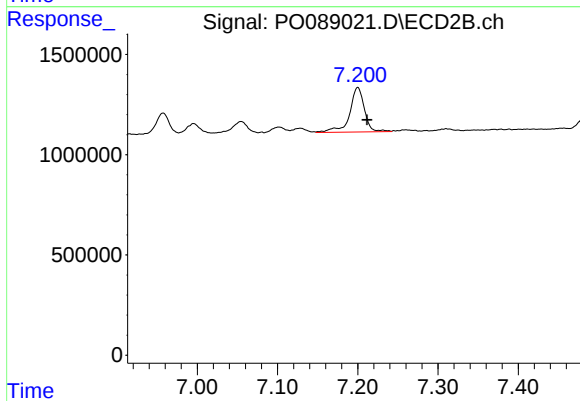
#34 AR-1260-4

R.T.: 6.957 min
Delta R.T.: -0.012 min
Response: 1232464
Conc: 20.20 ng/ml



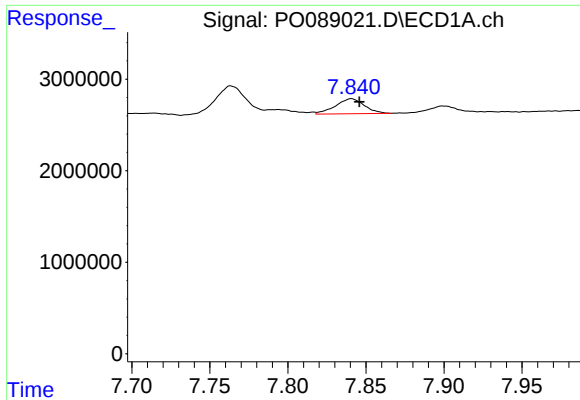
#35 AR-1260-5

R.T.: 8.396 min
Delta R.T.: -0.006 min
Response: 4195169
Conc: 22.78 ng/ml



#35 AR-1260-5

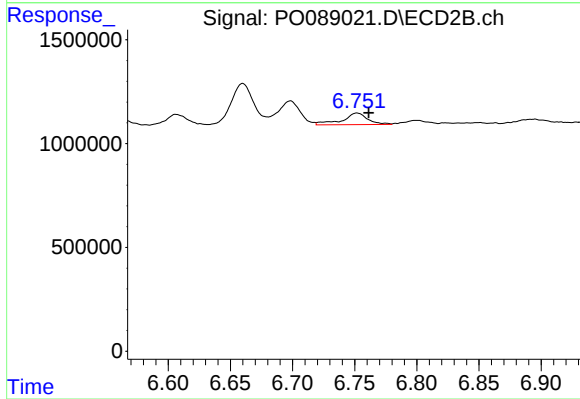
R.T.: 7.200 min
Delta R.T.: -0.011 min
Response: 2853753
Conc: 20.23 ng/ml



#36 AR-1262-1

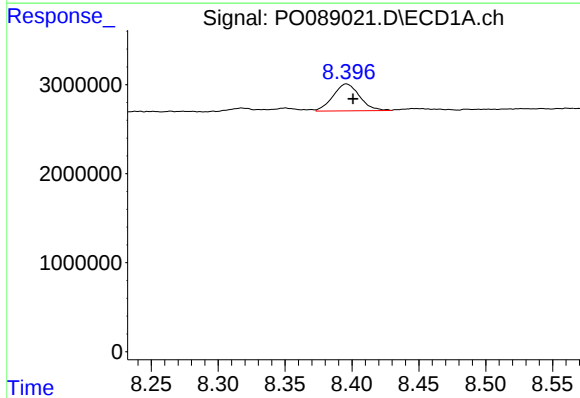
R.T.: 7.841 min
Delta R.T.: -0.005 min
Response: 2110119
Conc: 16.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



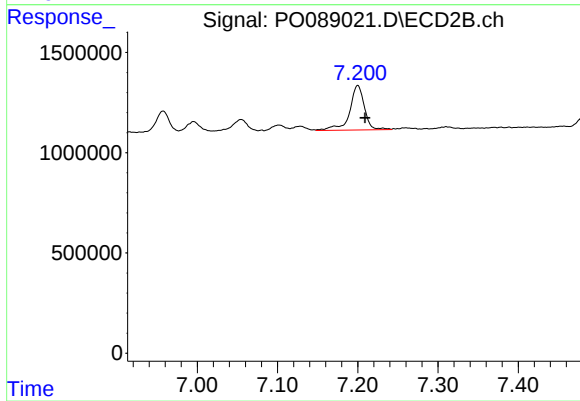
#36 AR-1262-1

R.T.: 6.752 min
Delta R.T.: -0.009 min
Response: 793120
Conc: 22.65 ng/ml



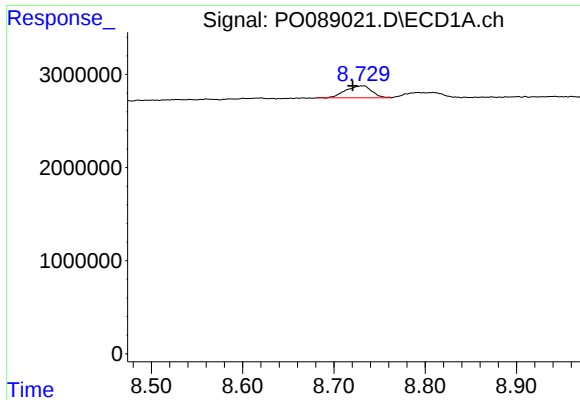
#37 AR-1262-2

R.T.: 8.396 min
Delta R.T.: -0.005 min
Response: 4195169
Conc: 19.98 ng/ml



#37 AR-1262-2

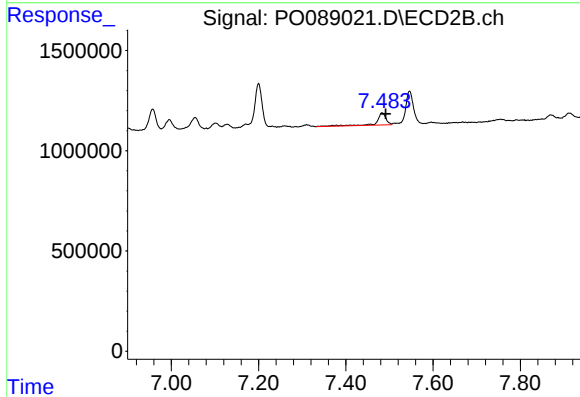
R.T.: 7.200 min
Delta R.T.: -0.009 min
Response: 2853753
Conc: 18.63 ng/ml



#38 AR-1262-3

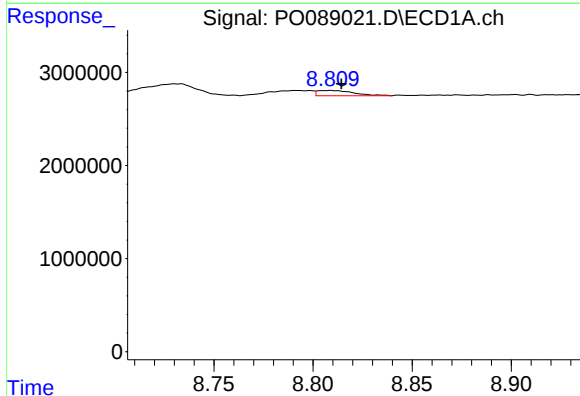
R.T.: 8.732 min
Delta R.T.: 0.011 min
Response: 2580721
Conc: 28.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



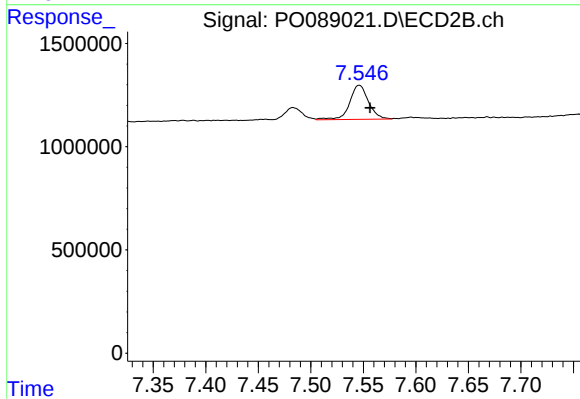
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: -0.008 min
Response: 921394
Conc: 14.94 ng/ml



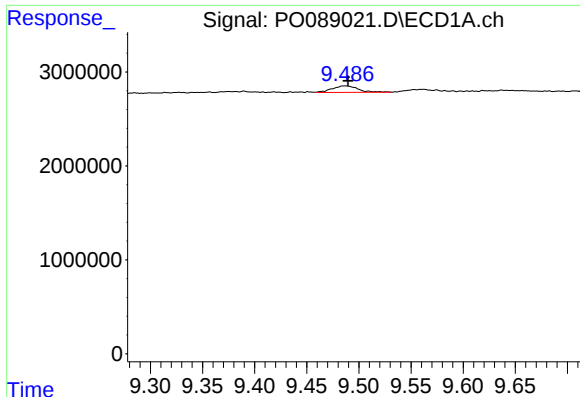
#39 AR-1262-4

R.T.: 8.809 min
Delta R.T.: -0.006 min
Response: 726796
Conc: 11.03 ng/ml



#39 AR-1262-4

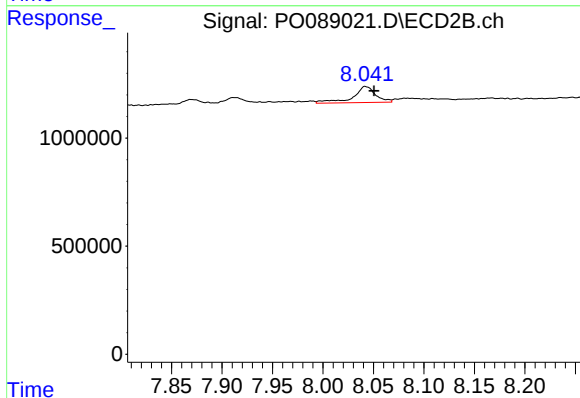
R.T.: 7.546 min
Delta R.T.: -0.010 min
Response: 2072523
Conc: 18.20 ng/ml



#40 AR-1262-5

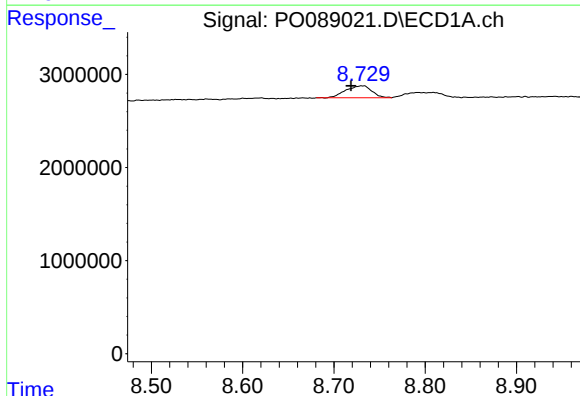
R.T.: 9.487 min
Delta R.T.: -0.003 min
Response: 1211639
Conc: 15.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



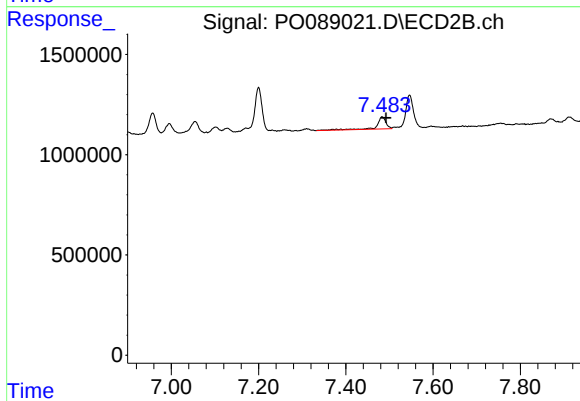
#40 AR-1262-5

R.T.: 8.042 min
Delta R.T.: -0.009 min
Response: 1167336
Conc: 21.74 ng/ml



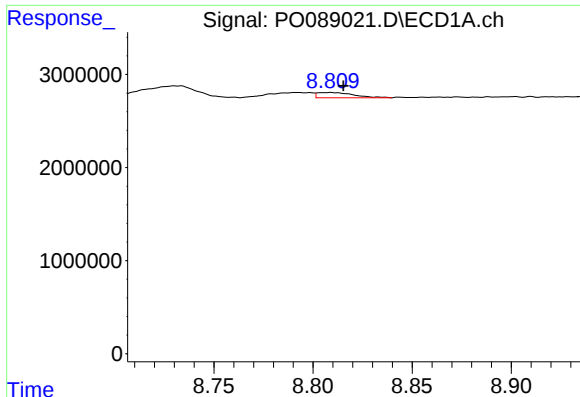
#41 AR-1268-1

R.T.: 8.732 min
Delta R.T.: 0.013 min
Response: 2580721
Conc: 10.41 ng/ml



#41 AR-1268-1

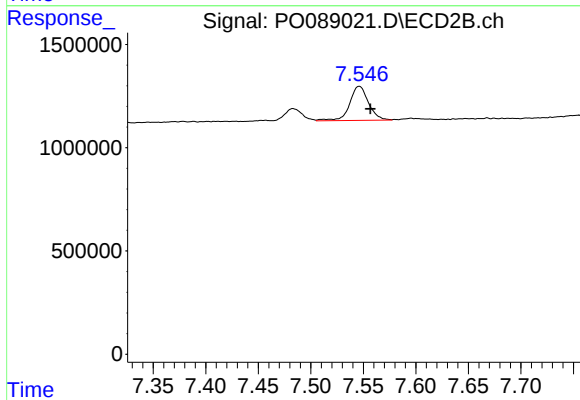
R.T.: 7.483 min
Delta R.T.: -0.009 min
Response: 921394
Conc: 5.20 ng/ml



#42 AR-1268-2

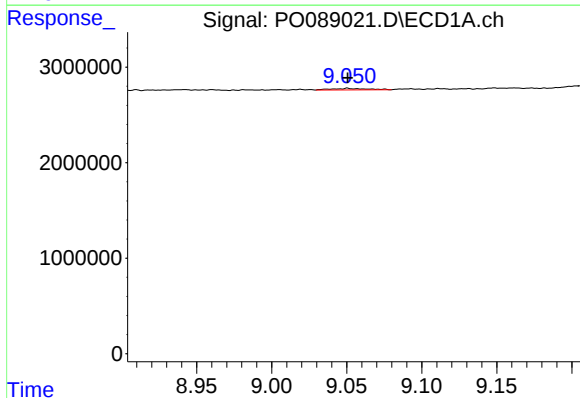
R.T.: 8.809 min
Delta R.T.: -0.006 min
Response: 726796
Conc: 3.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



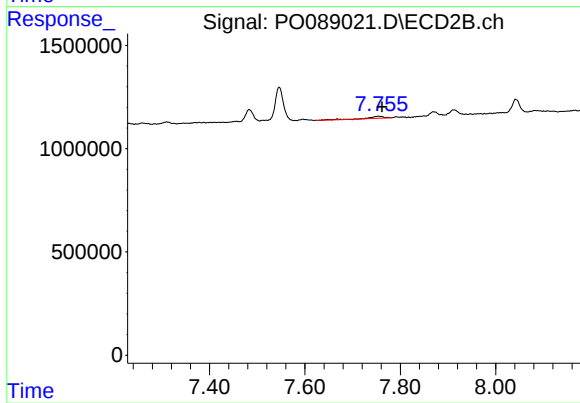
#42 AR-1268-2

R.T.: 7.546 min
Delta R.T.: -0.011 min
Response: 2072523
Conc: 12.91 ng/ml



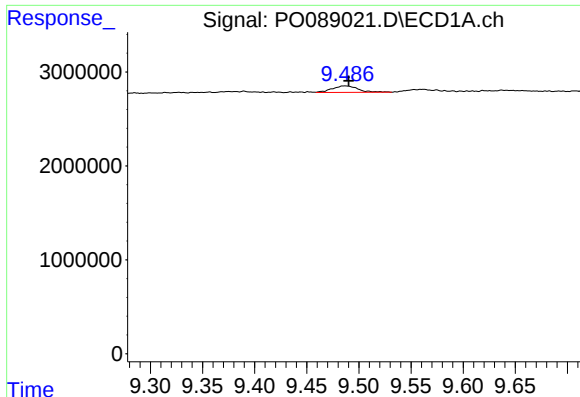
#43 AR-1268-3

R.T.: 9.051 min
Delta R.T.: 0.000 min
Response: 263784
Conc: 1.35 ng/ml



#43 AR-1268-3

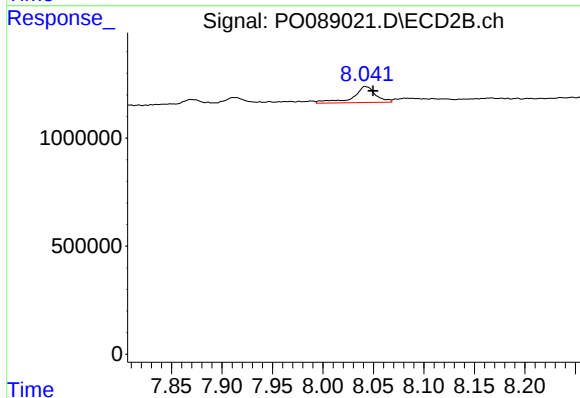
R.T.: 7.755 min
Delta R.T.: -0.007 min
Response: 226292
Conc: 1.64 ng/ml



#44 AR-1268-4

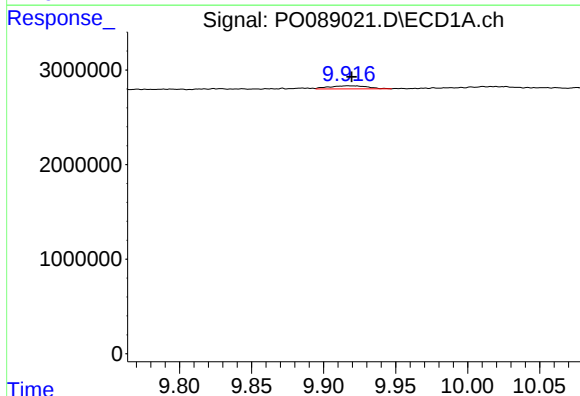
R.T.: 9.487 min
Delta R.T.: -0.003 min
Response: 1211639
Conc: 13.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



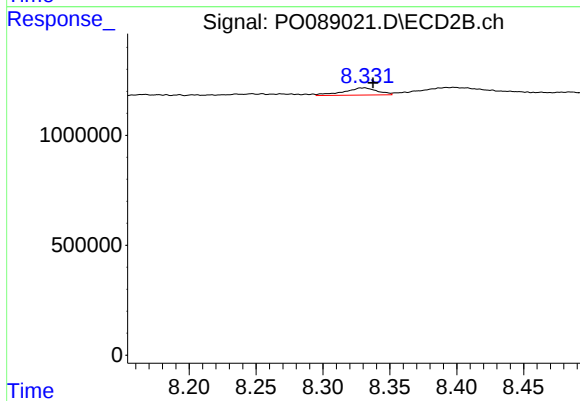
#44 AR-1268-4

R.T.: 8.042 min
Delta R.T.: -0.008 min
Response: 1167336
Conc: 20.17 ng/ml



#45 AR-1268-5

R.T.: 9.917 min
Delta R.T.: -0.002 min
Response: 607184
Conc: 0.97 ng/ml



#45 AR-1268-5

R.T.: 8.331 min
Delta R.T.: -0.007 min
Response: 564693
Conc: 1.38 ng/ml