

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062922\
 Data File : P0087555.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2022 12:01
 Operator : YP/AJ
 Sample : N3214-01
 Misc : AR1660 LOD 25 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: Jun 30 02:59:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 28 02:46:21 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...	4.449	3.608	48860032	19444000	18.877	19.760
2)	SA Decachlor...	10.299	8.611	43895624	14121221	21.489	17.419
Target Compounds							
3)	L1 AR-1016-1	5.624	4.687	2328438	796863	25.943	19.926
4)	L1 AR-1016-2	5.648	4.706	2772261	1135508	22.058	20.368
5)	L1 AR-1016-3	5.710	4.882	1853549	652963	23.815	22.179
6)	L1 AR-1016-4	5.809	4.924	1185748	487774	19.399	20.298
7)	L1 AR-1016-5	6.106	5.137	1431905	699250	23.893	22.860
8)	L2 AR-1221-1	4.658	0.000	681808	0	22.165	N.D. #
9)	L2 AR-1221-2	4.756	3.905	921630	494004	40.660	55.564 #
10)	L2 AR-1221-3	4.821	3.980	1264397	444652	18.078	15.895
11)	L3 AR-1232-1	4.821	3.980	1264397	444652	19.316	17.129
12)	L3 AR-1232-2	5.160	4.706	1984009	1135508	61.442	46.567
13)	L3 AR-1232-3	5.648	4.882	2772261	652963	45.970	52.577
14)	L3 AR-1232-4	5.809	4.965	1185748	636708	40.498	56.156 #
15)	L3 AR-1232-5	5.900	5.137	1411782	699250	57.252	55.722
16)	L4 AR-1242-1	5.624	4.687	2328438	796863	32.111	27.921
17)	L4 AR-1242-2	5.648	4.706	2772261	1135508	27.152	29.108
18)	L4 AR-1242-3	5.710	4.882	1853549	652963	28.861	31.326
19)	L4 AR-1242-4	5.809	4.965	1185748	636708	23.292	30.137 #
20)	L4 AR-1242-5	6.552	5.490	372397	511402	7.014	19.564 #
21)	L5 AR-1248-1	5.624	4.687	2328438	796863	40.560	34.338
22)	L5 AR-1248-2	5.900	4.924	1411782	487774	16.934	15.519
23)	L5 AR-1248-3	6.106	4.965	1431905	636708	15.982	19.616
24)	L5 AR-1248-4	6.512	5.137	451242	699250	4.587	18.125 #
25)	L5 AR-1248-5	6.552	5.490f	372397	511402	3.874	14.030 #
26)	L6 AR-1254-1	6.485	5.490	1301921	511402	12.988	9.251 #
27)	L6 AR-1254-2	6.706	5.637	1108238	592303	7.262	12.107 #
28)	L6 AR-1254-3	7.075	6.056	1139134	1121919	7.479	14.785 #
29)	L6 AR-1254-4	7.361	6.297	650153	287973	5.906	6.343
30)	L6 AR-1254-5	7.780	6.686	3974842	1509989	33.115	23.620 #
31)	L7 AR-1260-1	7.239	6.171	2876531	1241989	25.660	22.000
32)	L7 AR-1260-2	7.497	6.358	3247253	1583161	23.828	23.400
33)	L7 AR-1260-3	7.858	6.512	2355372	1293256	25.146	20.473
34)	L7 AR-1260-4	8.086	6.983	2572967	1002339	24.596	21.554
35)	L7 AR-1260-5	8.414	7.225	4707761	2303359	23.865	21.368
36)	L8 AR-1262-1	7.858	6.778	2355372	657828	16.457	25.061 #
37)	L8 AR-1262-2	8.414	7.225	4707761	2303359	18.729	21.699
38)	L8 AR-1262-3	8.750	7.509	2819015	586333	15.586	14.295
39)	L8 AR-1262-4	8.830	7.572	847384	1592794	9.807	21.291 #
40)	L8 AR-1262-5	9.510	8.068	2064230	644127	21.547	19.203
41)	L9 AR-1268-1	8.750	7.509	2819015	586333	9.610	5.093 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062922\
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 Acq On : 29 Jun 2022 12:01
 Operator : YP/AJ
 Sample : N3214-01
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 10 Sample Multiplier: 1

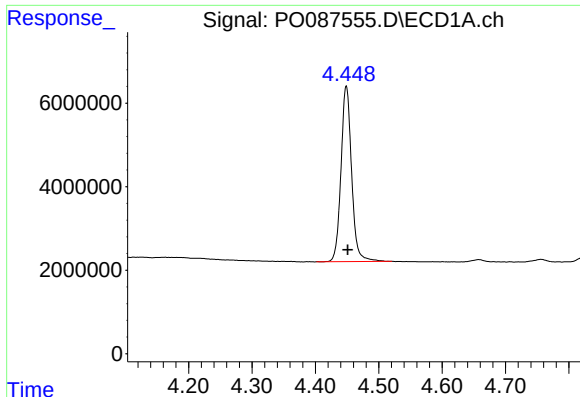
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 02:59:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062722.M
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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
42) L9	AR-1268-2	8.830	7.572	847384	1592794	3.149	15.515 #
43) L9	AR-1268-3	9.071	0.000	243993	0	1.044	N.D. #
44) L9	AR-1268-4	9.510	8.068	2064230	644127	20.192	18.157
45) L9	AR-1268-5	9.944	8.357	993552	524305	1.316	2.094 #

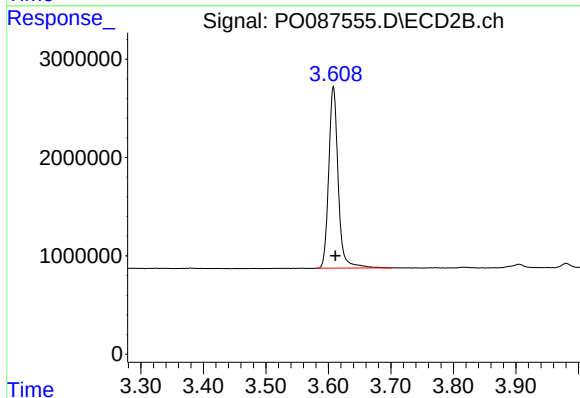
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

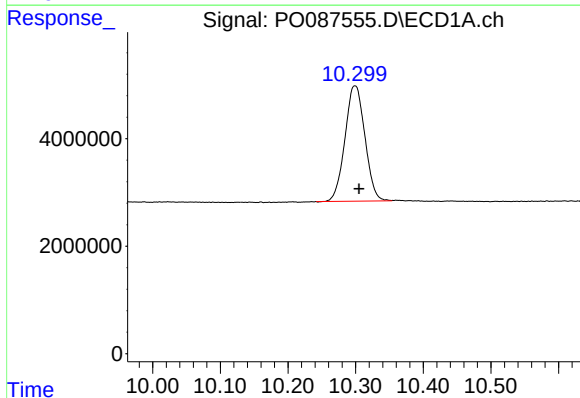
R.T.: 4.449 min
Delta R.T.: -0.002 min
Response: 48860032
Conc: 18.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



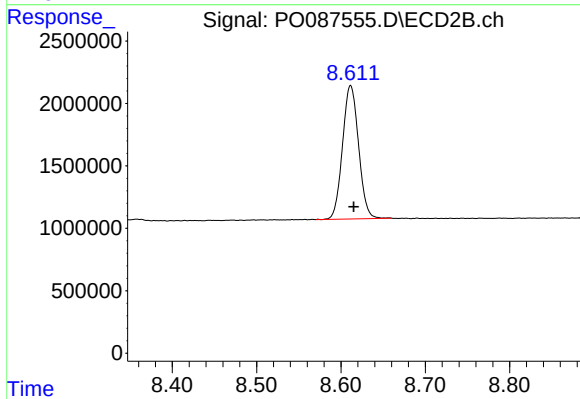
#1 Tetrachloro-m-xylene

R.T.: 3.608 min
Delta R.T.: -0.003 min
Response: 19444000
Conc: 19.76 ng/ml



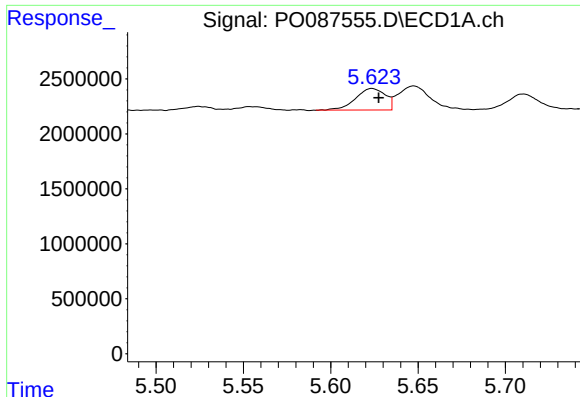
#2 Decachlorobiphenyl

R.T.: 10.299 min
Delta R.T.: -0.006 min
Response: 43895624
Conc: 21.49 ng/ml



#2 Decachlorobiphenyl

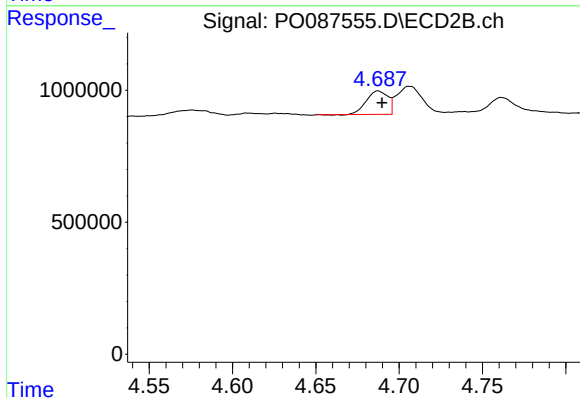
R.T.: 8.611 min
Delta R.T.: -0.004 min
Response: 14121221
Conc: 17.42 ng/ml



#3 AR-1016-1

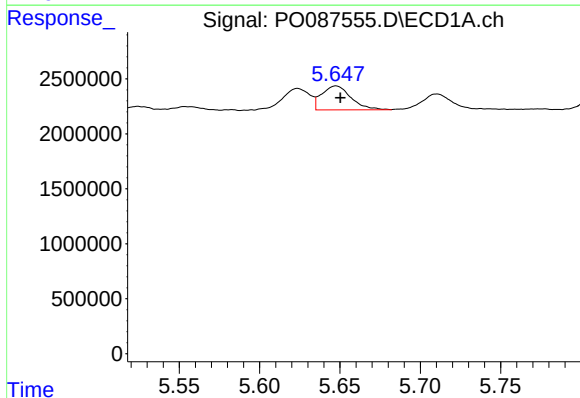
R.T.: 5.624 min
Delta R.T.: -0.004 min
Response: 2328438
Conc: 25.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



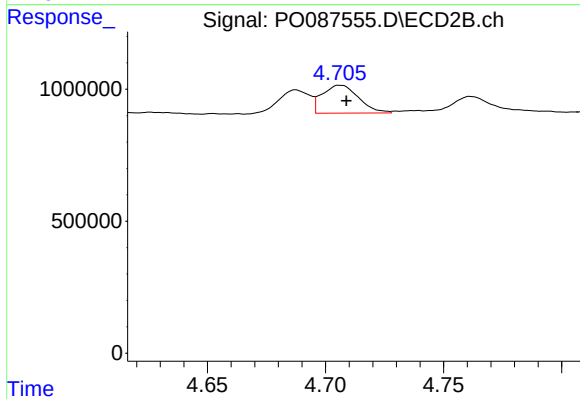
#3 AR-1016-1

R.T.: 4.687 min
Delta R.T.: -0.002 min
Response: 796863
Conc: 19.93 ng/ml



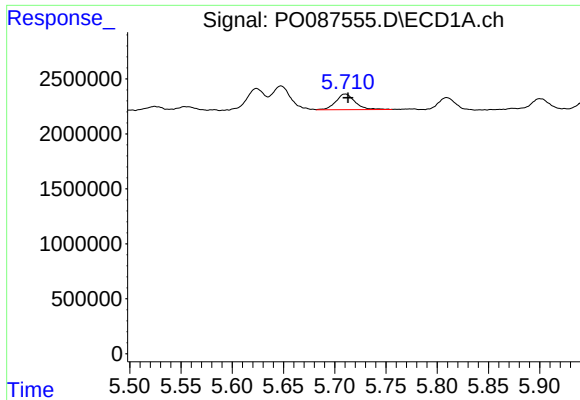
#4 AR-1016-2

R.T.: 5.648 min
Delta R.T.: -0.003 min
Response: 2772261
Conc: 22.06 ng/ml



#4 AR-1016-2

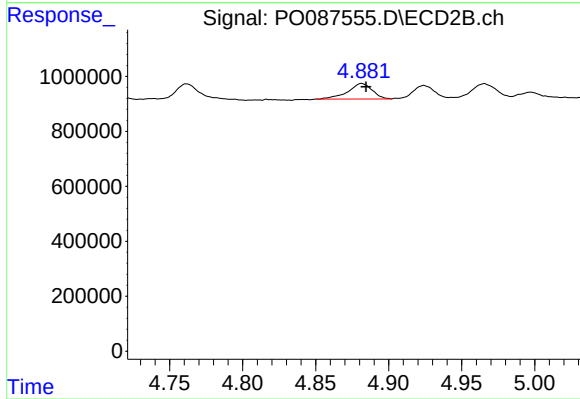
R.T.: 4.706 min
Delta R.T.: -0.002 min
Response: 1135508
Conc: 20.37 ng/ml



#5 AR-1016-3

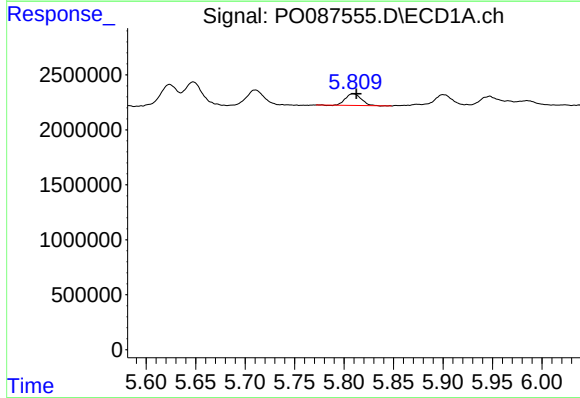
R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 1853549
Conc: 23.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



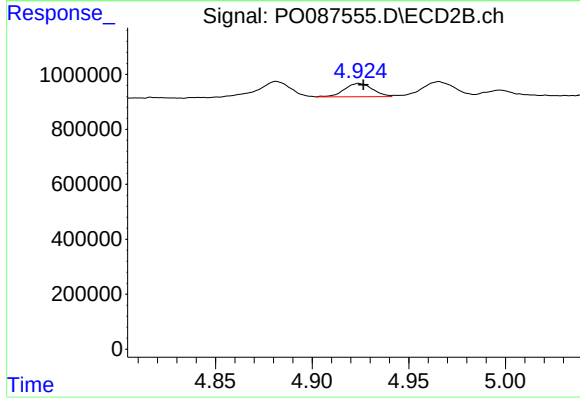
#5 AR-1016-3

R.T.: 4.882 min
Delta R.T.: -0.003 min
Response: 652963
Conc: 22.18 ng/ml



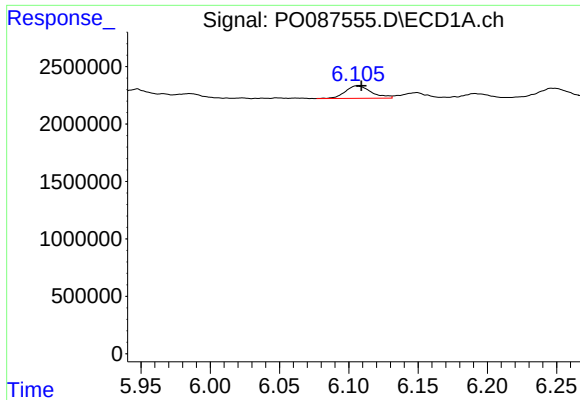
#6 AR-1016-4

R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 1185748
Conc: 19.40 ng/ml



#6 AR-1016-4

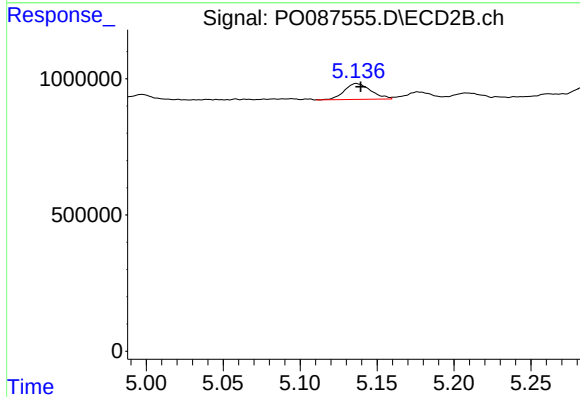
R.T.: 4.924 min
Delta R.T.: -0.002 min
Response: 487774
Conc: 20.30 ng/ml



#7 AR-1016-5

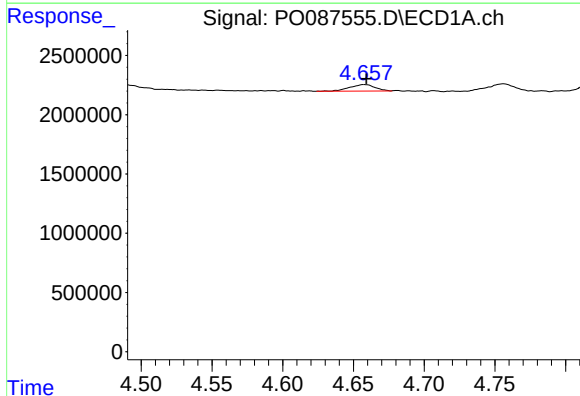
R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 1431905
Conc: 23.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



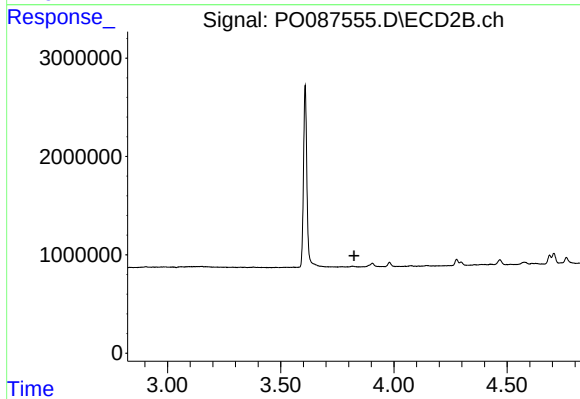
#7 AR-1016-5

R.T.: 5.137 min
Delta R.T.: -0.003 min
Response: 699250
Conc: 22.86 ng/ml



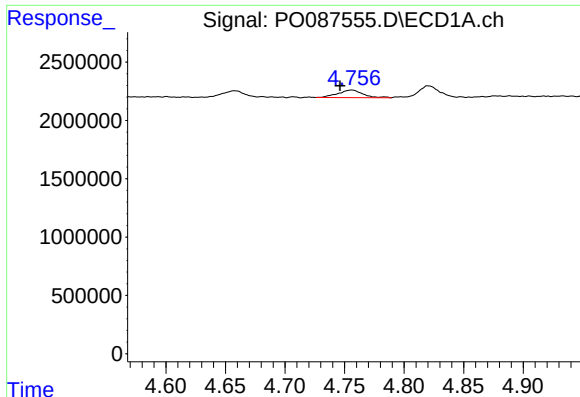
#8 AR-1221-1

R.T.: 4.658 min
Delta R.T.: -0.001 min
Response: 681808
Conc: 22.16 ng/ml



#8 AR-1221-1

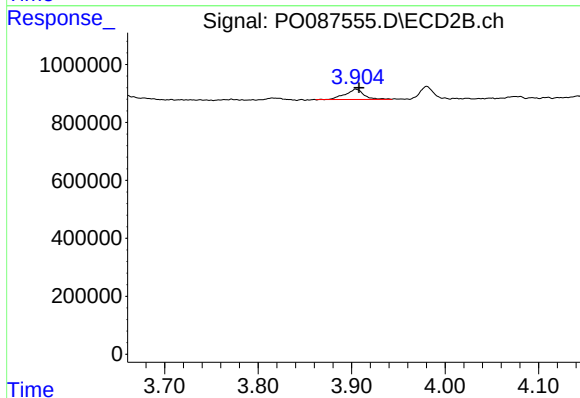
R.T.: 0.000 min
Exp R.T. : 3.824 min
Response: 0
Conc: N.D.



#9 AR-1221-2

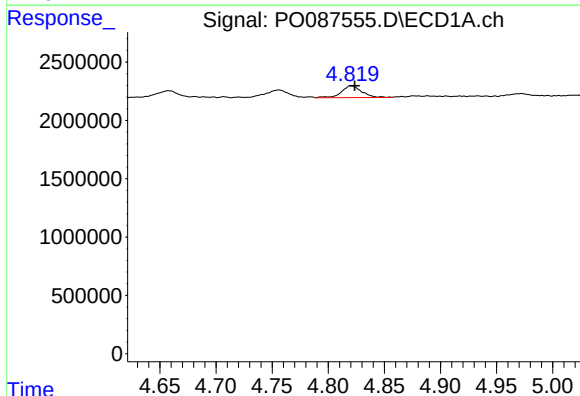
R.T.: 4.756 min
Delta R.T.: 0.010 min
Response: 921630
Conc: 40.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



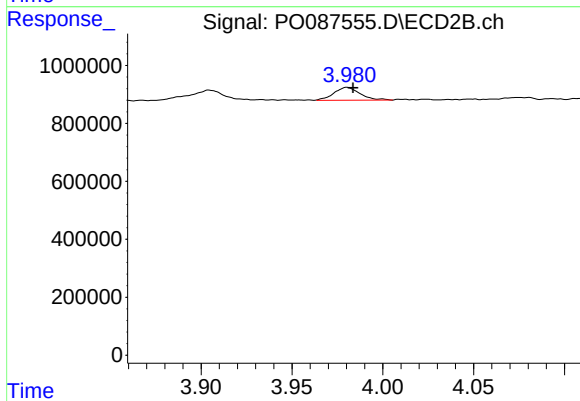
#9 AR-1221-2

R.T.: 3.905 min
Delta R.T.: -0.003 min
Response: 494004
Conc: 55.56 ng/ml



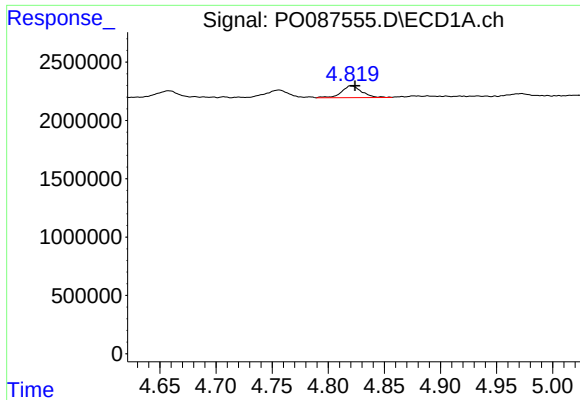
#10 AR-1221-3

R.T.: 4.821 min
Delta R.T.: -0.003 min
Response: 1264397
Conc: 18.08 ng/ml



#10 AR-1221-3

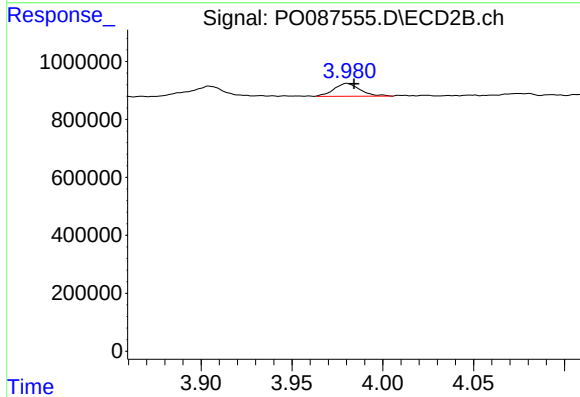
R.T.: 3.980 min
Delta R.T.: -0.003 min
Response: 444652
Conc: 15.90 ng/ml



#11 AR-1232-1

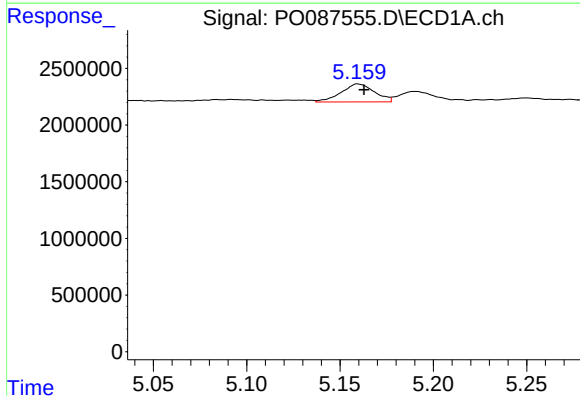
R.T.: 4.821 min
Delta R.T.: -0.003 min
Response: 1264397
Conc: 19.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



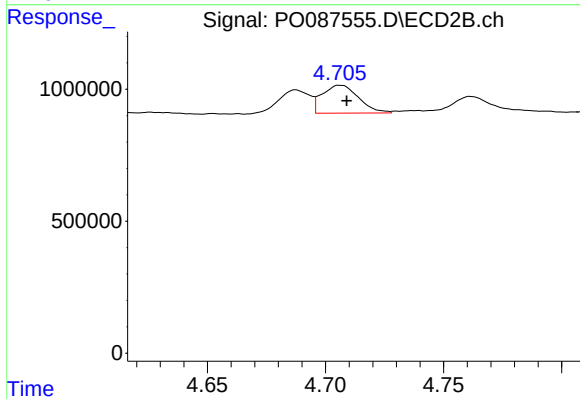
#11 AR-1232-1

R.T.: 3.980 min
Delta R.T.: -0.004 min
Response: 444652
Conc: 17.13 ng/ml



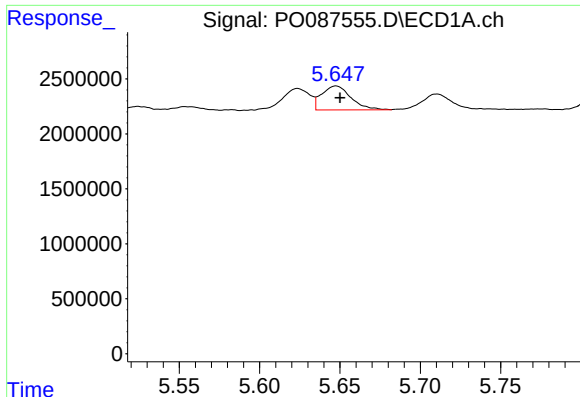
#12 AR-1232-2

R.T.: 5.160 min
Delta R.T.: -0.003 min
Response: 1984009
Conc: 61.44 ng/ml



#12 AR-1232-2

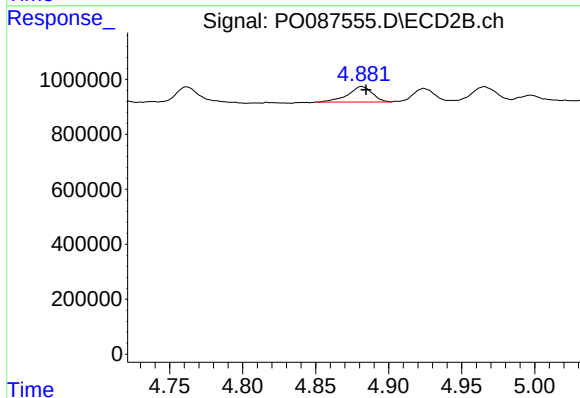
R.T.: 4.706 min
Delta R.T.: -0.003 min
Response: 1135508
Conc: 46.57 ng/ml



#13 AR-1232-3

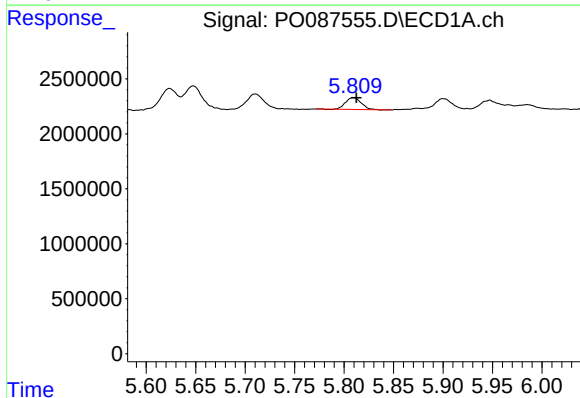
R.T.: 5.648 min
Delta R.T.: -0.003 min
Response: 2772261
Conc: 45.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



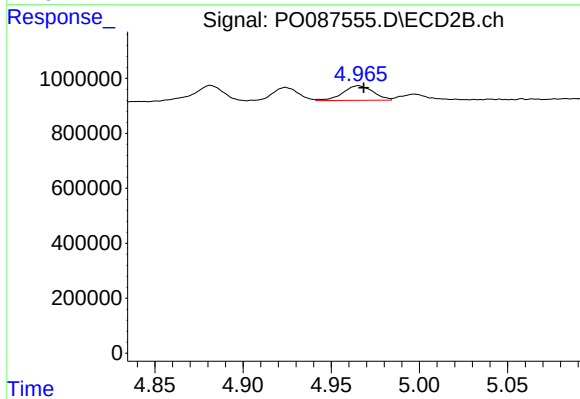
#13 AR-1232-3

R.T.: 4.882 min
Delta R.T.: -0.003 min
Response: 652963
Conc: 52.58 ng/ml



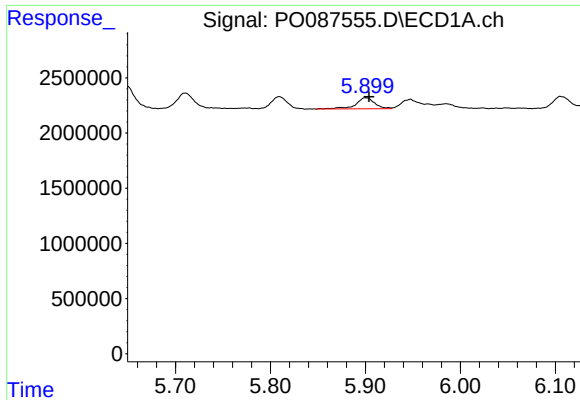
#14 AR-1232-4

R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 1185748
Conc: 40.50 ng/ml



#14 AR-1232-4

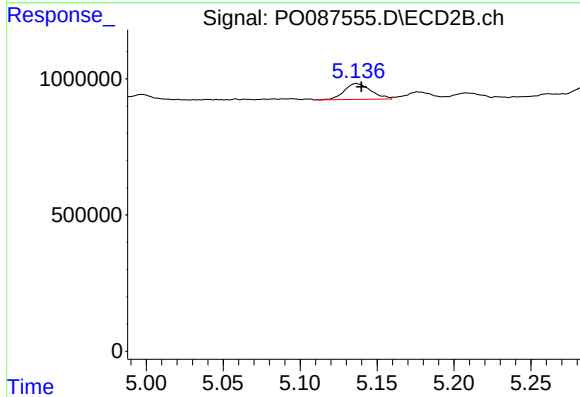
R.T.: 4.965 min
Delta R.T.: -0.003 min
Response: 636708
Conc: 56.16 ng/ml



#15 AR-1232-5

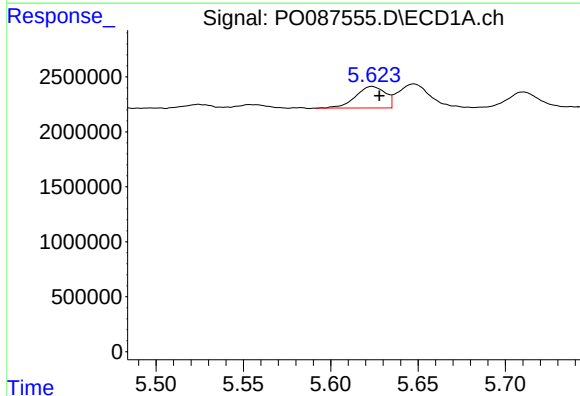
R.T.: 5.900 min
Delta R.T.: -0.003 min
Response: 1411782
Conc: 57.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



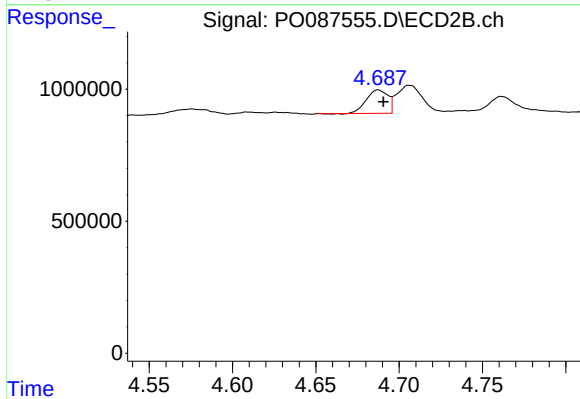
#15 AR-1232-5

R.T.: 5.137 min
Delta R.T.: -0.003 min
Response: 699250
Conc: 55.72 ng/ml



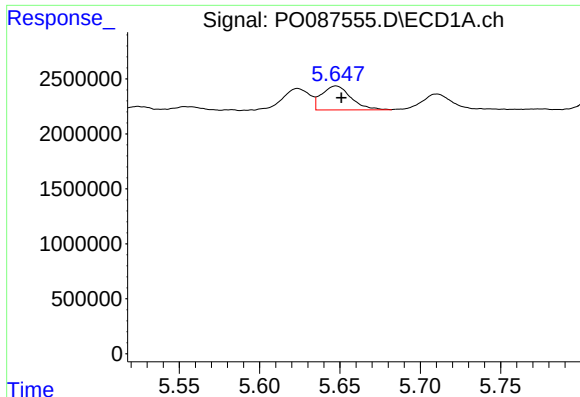
#16 AR-1242-1

R.T.: 5.624 min
Delta R.T.: -0.004 min
Response: 2328438
Conc: 32.11 ng/ml



#16 AR-1242-1

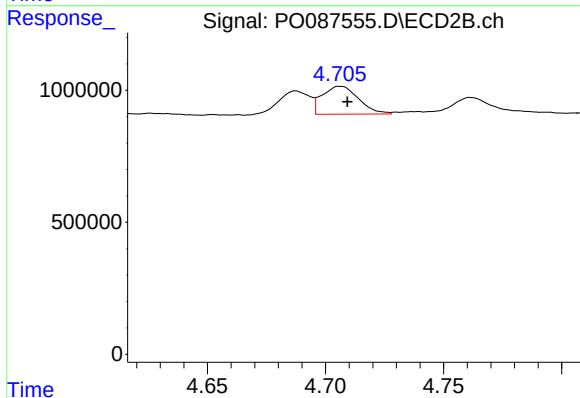
R.T.: 4.687 min
Delta R.T.: -0.003 min
Response: 796863
Conc: 27.92 ng/ml



#17 AR-1242-2

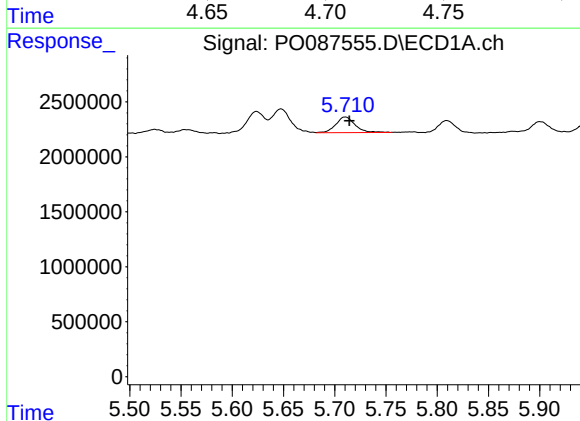
R.T.: 5.648 min
Delta R.T.: -0.003 min
Response: 2772261
Conc: 27.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



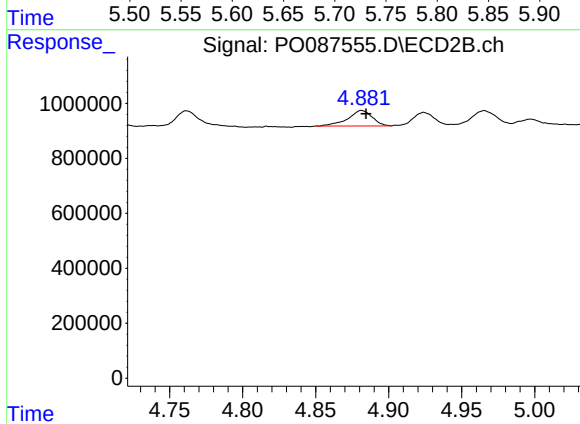
#17 AR-1242-2

R.T.: 4.706 min
Delta R.T.: -0.003 min
Response: 1135508
Conc: 29.11 ng/ml



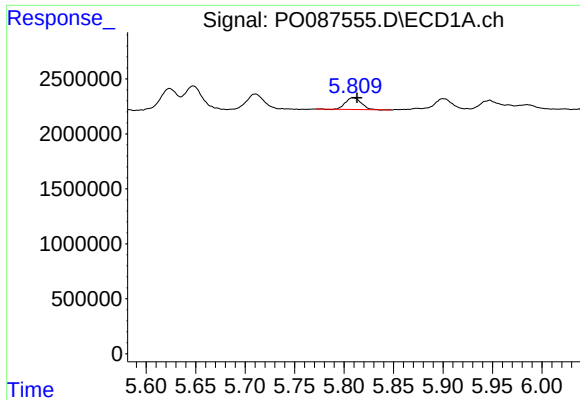
#18 AR-1242-3

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 1853549
Conc: 28.86 ng/ml



#18 AR-1242-3

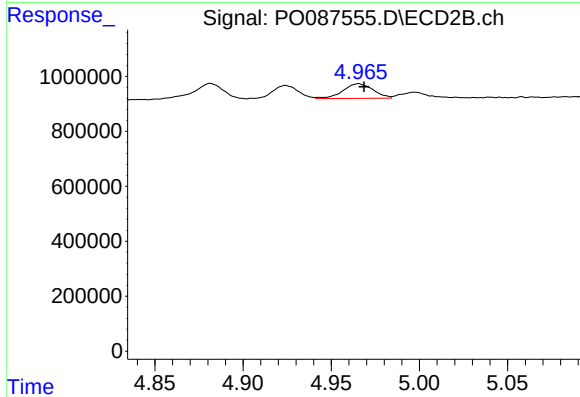
R.T.: 4.882 min
Delta R.T.: -0.003 min
Response: 652963
Conc: 31.33 ng/ml



#19 AR-1242-4

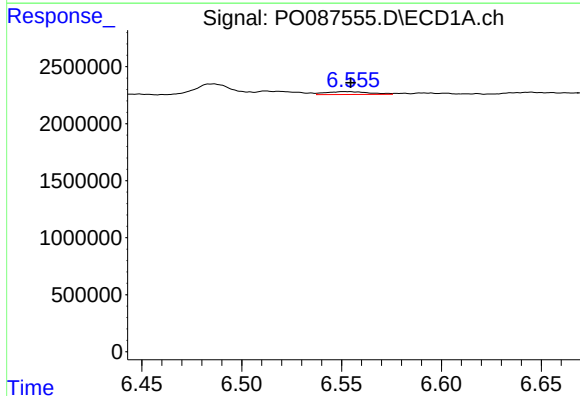
R.T.: 5.809 min
Delta R.T.: -0.004 min
Response: 1185748
Conc: 23.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



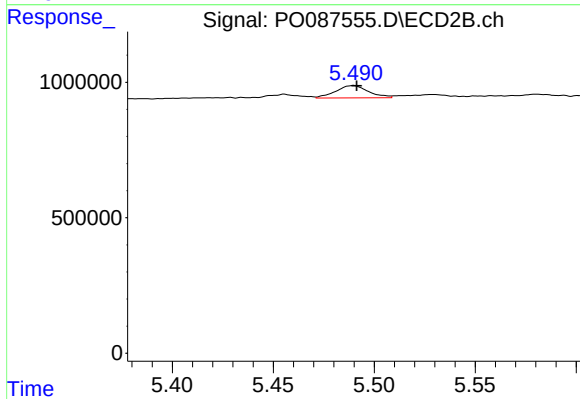
#19 AR-1242-4

R.T.: 4.965 min
Delta R.T.: -0.003 min
Response: 636708
Conc: 30.14 ng/ml



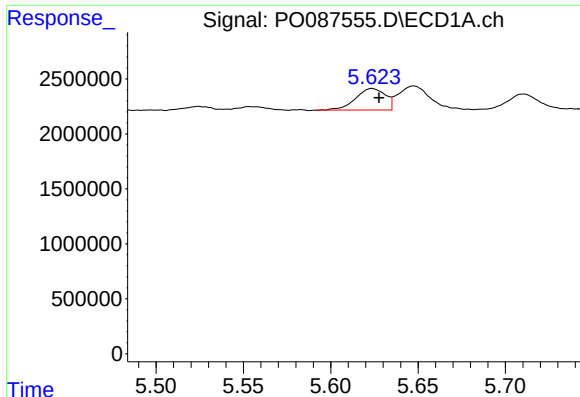
#20 AR-1242-5

R.T.: 6.552 min
Delta R.T.: -0.002 min
Response: 372397
Conc: 7.01 ng/ml



#20 AR-1242-5

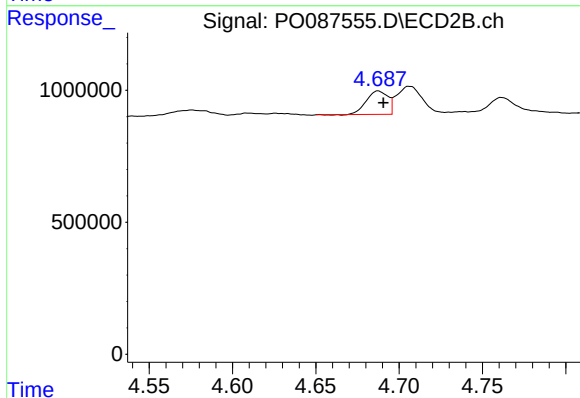
R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 511402
Conc: 19.56 ng/ml



#21 AR-1248-1

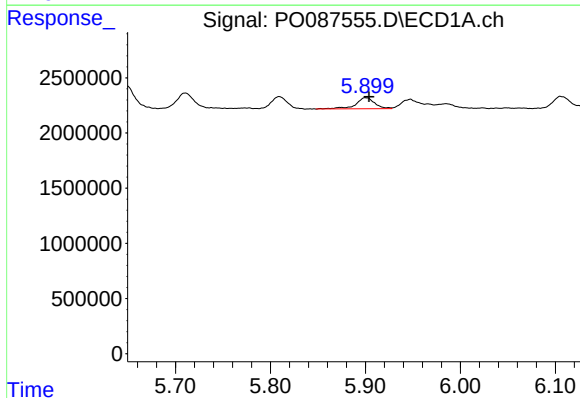
R.T.: 5.624 min
Delta R.T.: -0.004 min
Response: 2328438
Conc: 40.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



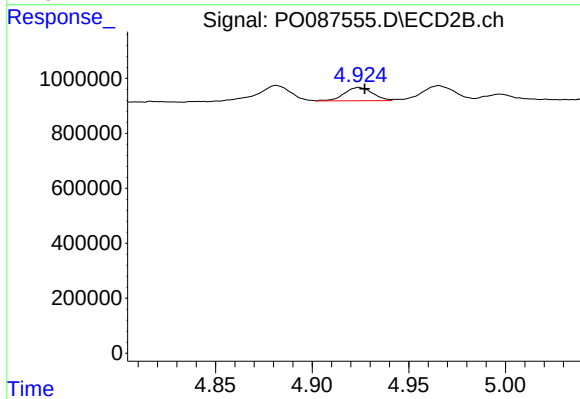
#21 AR-1248-1

R.T.: 4.687 min
Delta R.T.: -0.003 min
Response: 796863
Conc: 34.34 ng/ml



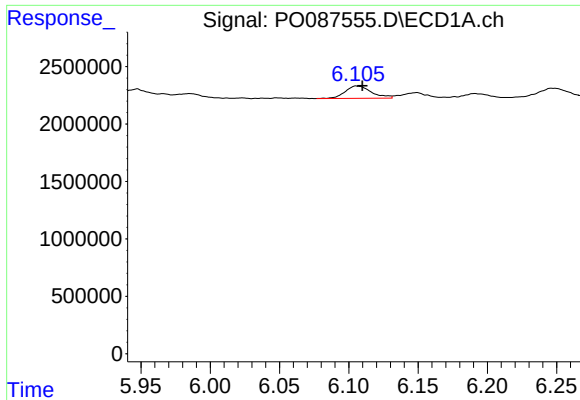
#22 AR-1248-2

R.T.: 5.900 min
Delta R.T.: -0.003 min
Response: 1411782
Conc: 16.93 ng/ml



#22 AR-1248-2

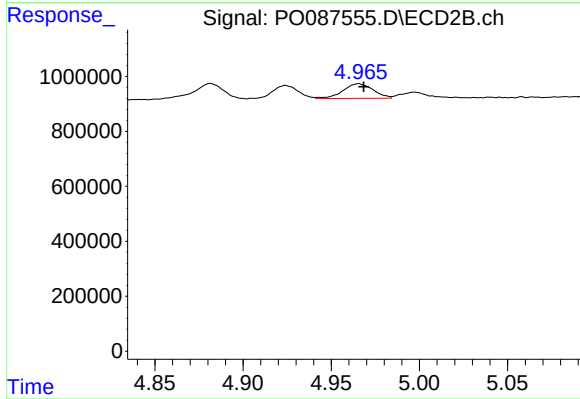
R.T.: 4.924 min
Delta R.T.: -0.003 min
Response: 487774
Conc: 15.52 ng/ml



#23 AR-1248-3

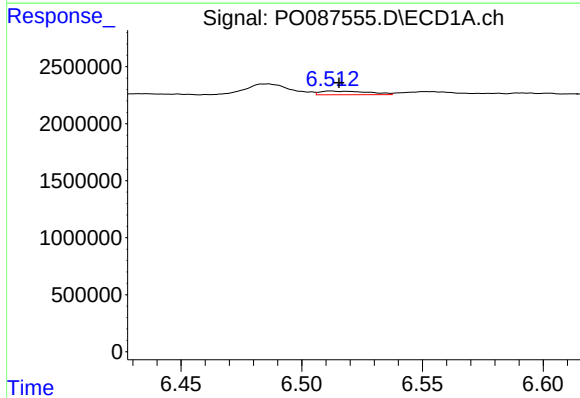
R.T.: 6.106 min
Delta R.T.: -0.004 min
Response: 1431905
Conc: 15.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



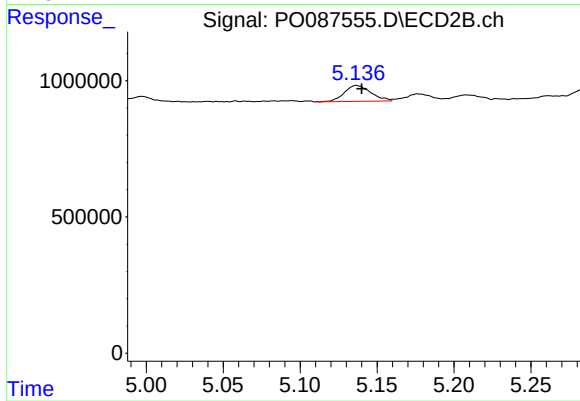
#23 AR-1248-3

R.T.: 4.965 min
Delta R.T.: -0.003 min
Response: 636708
Conc: 19.62 ng/ml



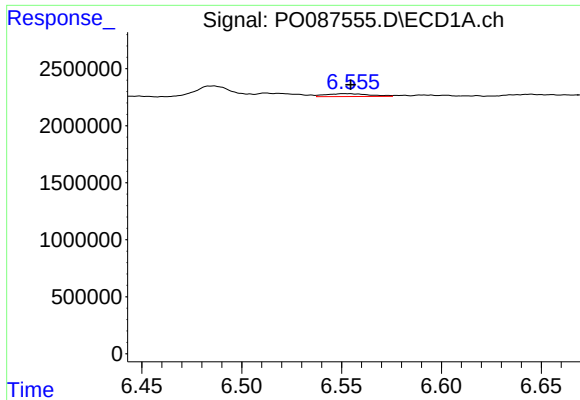
#24 AR-1248-4

R.T.: 6.512 min
Delta R.T.: -0.003 min
Response: 451242
Conc: 4.59 ng/ml



#24 AR-1248-4

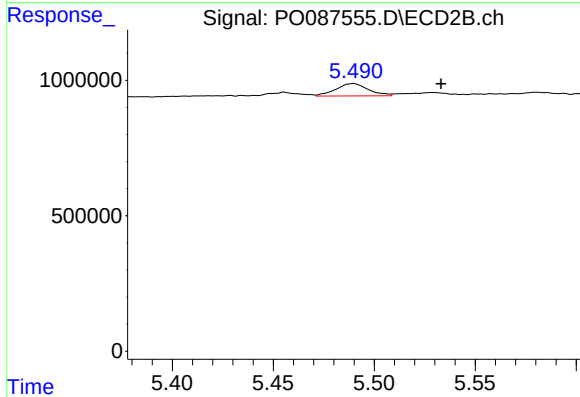
R.T.: 5.137 min
Delta R.T.: -0.003 min
Response: 699250
Conc: 18.12 ng/ml



#25 AR-1248-5

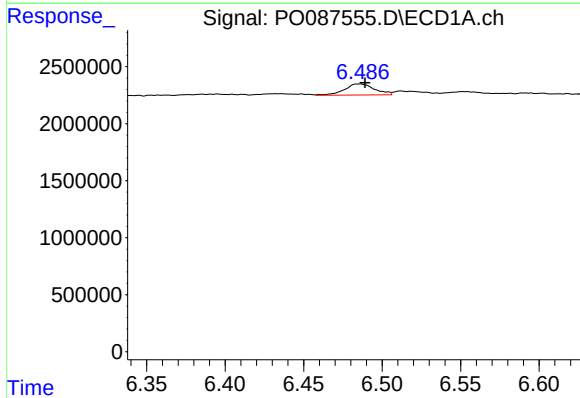
R.T.: 6.552 min
Delta R.T.: -0.002 min
Response: 372397
Conc: 3.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



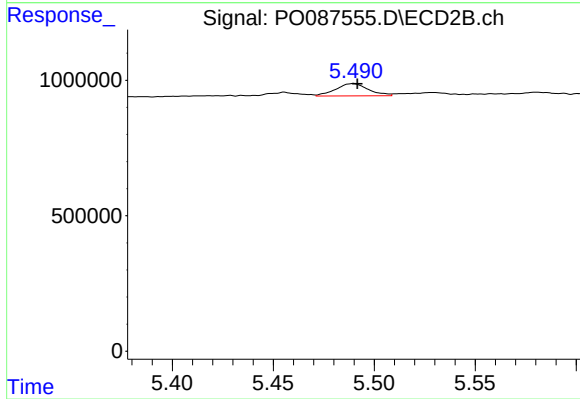
#25 AR-1248-5

R.T.: 5.490 min
Delta R.T.: -0.043 min
Response: 511402
Conc: 14.03 ng/ml



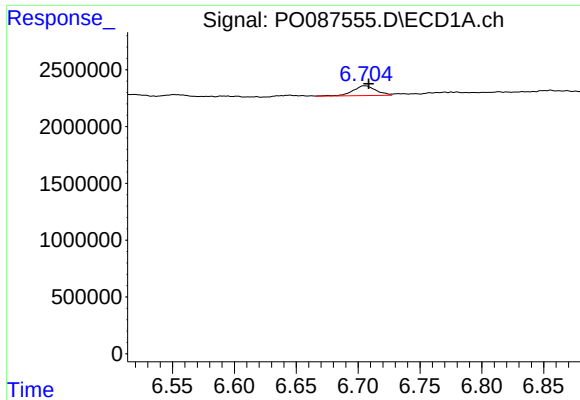
#26 AR-1254-1

R.T.: 6.485 min
Delta R.T.: -0.004 min
Response: 1301921
Conc: 12.99 ng/ml



#26 AR-1254-1

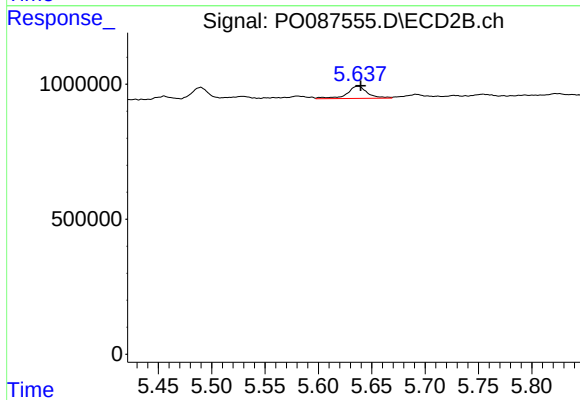
R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 511402
Conc: 9.25 ng/ml



#27 AR-1254-2

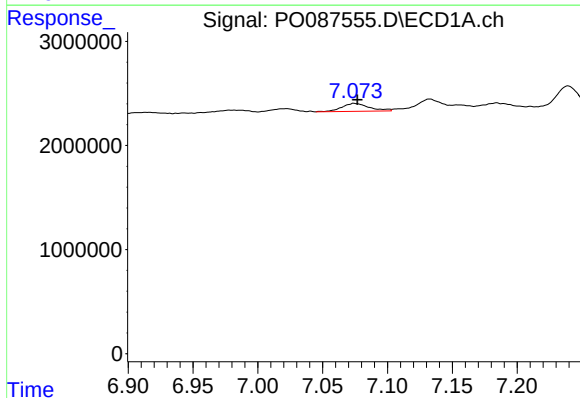
R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 1108238
Conc: 7.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



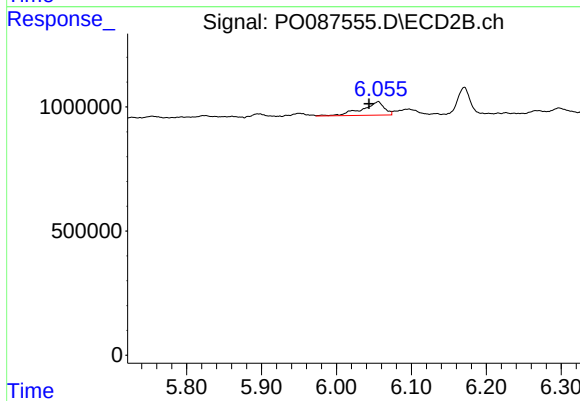
#27 AR-1254-2

R.T.: 5.637 min
Delta R.T.: -0.002 min
Response: 592303
Conc: 12.11 ng/ml



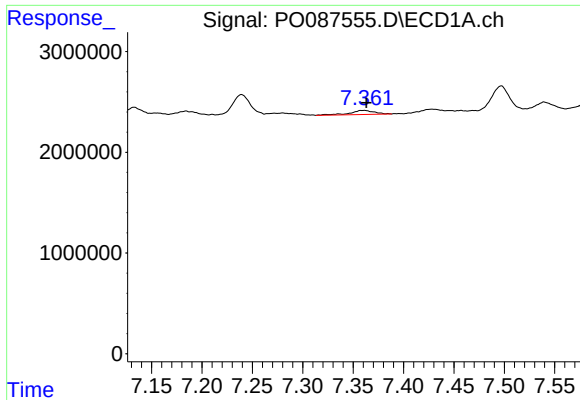
#28 AR-1254-3

R.T.: 7.075 min
Delta R.T.: -0.002 min
Response: 1139134
Conc: 7.48 ng/ml



#28 AR-1254-3

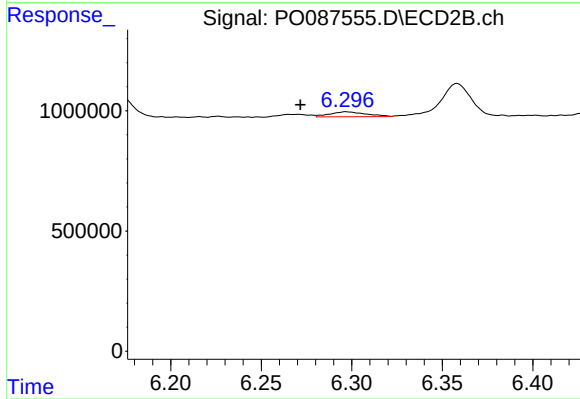
R.T.: 6.056 min
Delta R.T.: 0.012 min
Response: 1121919
Conc: 14.78 ng/ml



#29 AR-1254-4

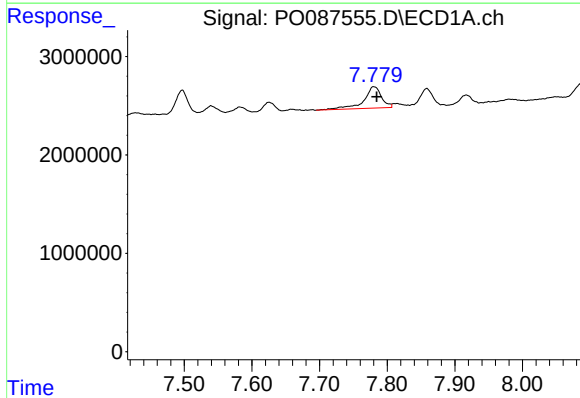
R.T.: 7.361 min
Delta R.T.: -0.002 min
Response: 650153
Conc: 5.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



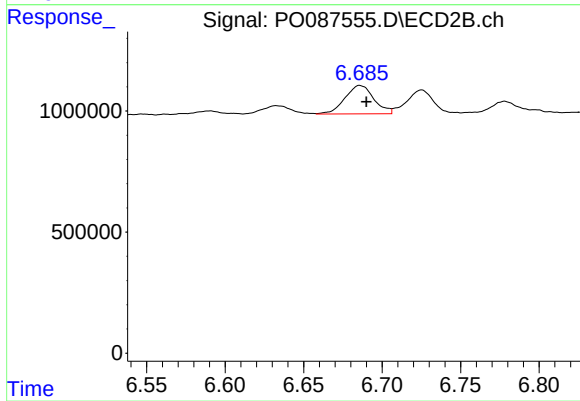
#29 AR-1254-4

R.T.: 6.297 min
Delta R.T.: 0.025 min
Response: 287973
Conc: 6.34 ng/ml



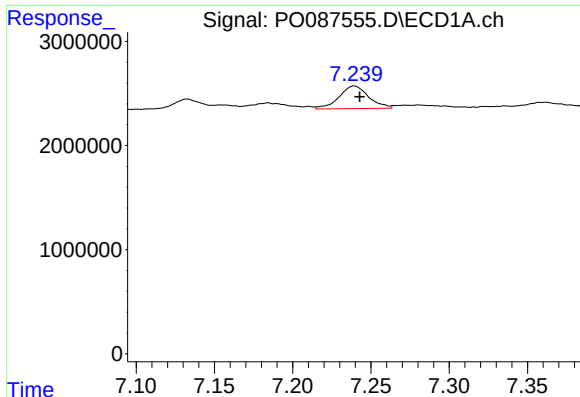
#30 AR-1254-5

R.T.: 7.780 min
Delta R.T.: -0.004 min
Response: 3974842
Conc: 33.12 ng/ml



#30 AR-1254-5

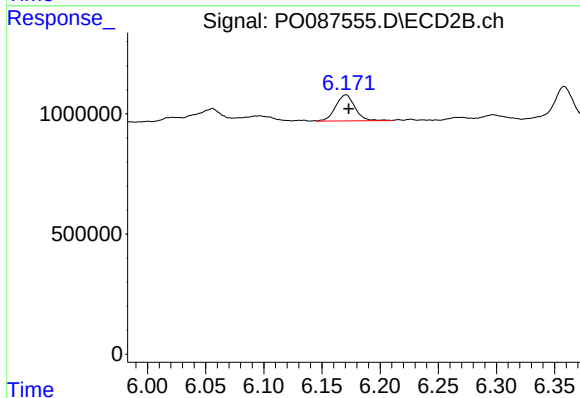
R.T.: 6.686 min
Delta R.T.: -0.004 min
Response: 1509989
Conc: 23.62 ng/ml



#31 AR-1260-1

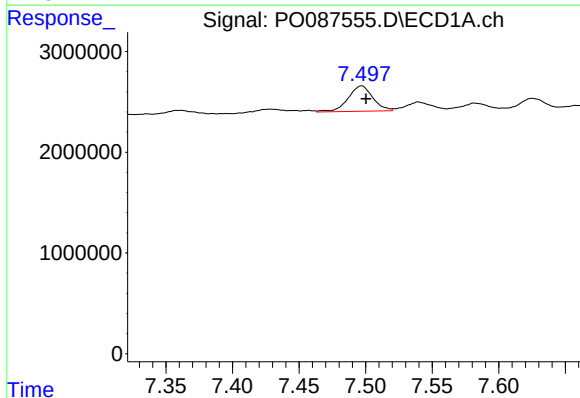
R.T.: 7.239 min
Delta R.T.: -0.003 min
Response: 2876531
Conc: 25.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



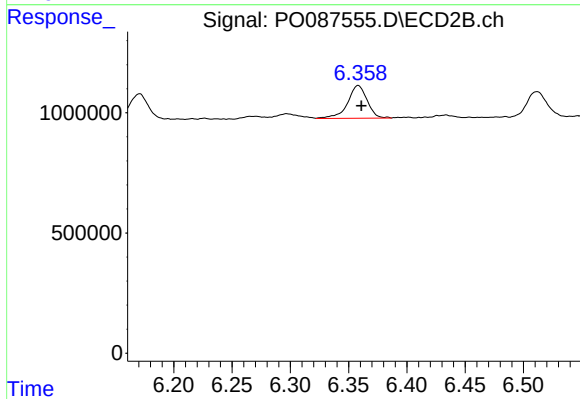
#31 AR-1260-1

R.T.: 6.171 min
Delta R.T.: -0.002 min
Response: 1241989
Conc: 22.00 ng/ml



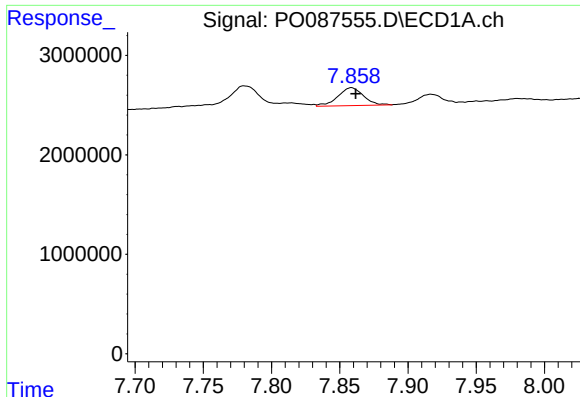
#32 AR-1260-2

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 3247253
Conc: 23.83 ng/ml



#32 AR-1260-2

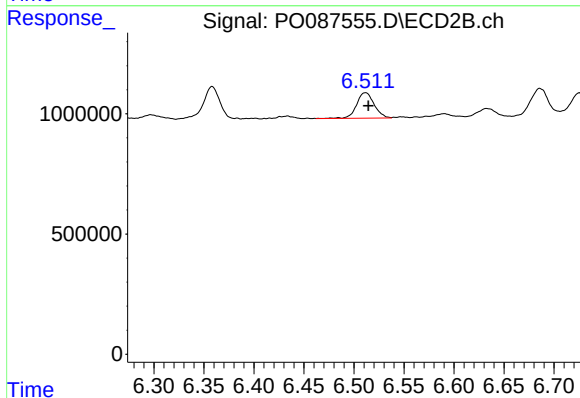
R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 1583161
Conc: 23.40 ng/ml



#33 AR-1260-3

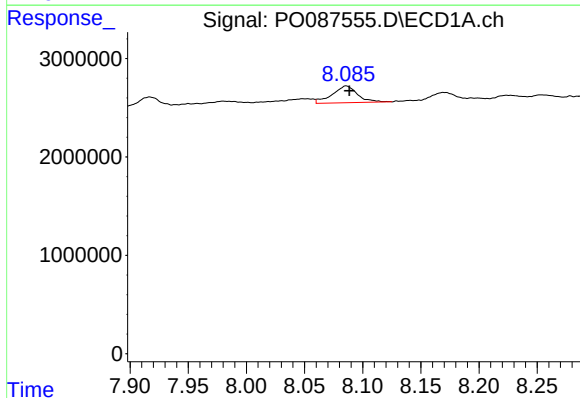
R.T.: 7.858 min
Delta R.T.: -0.003 min
Response: 2355372
Conc: 25.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



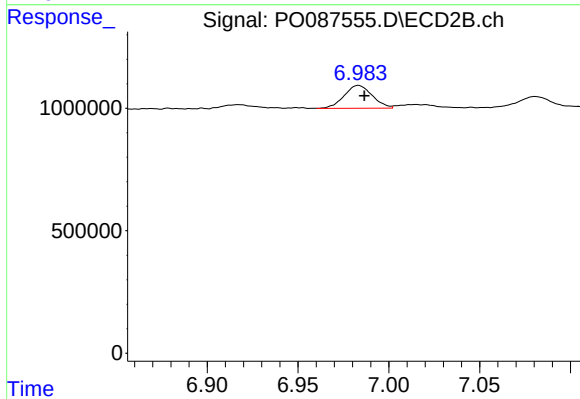
#33 AR-1260-3

R.T.: 6.512 min
Delta R.T.: -0.003 min
Response: 1293256
Conc: 20.47 ng/ml



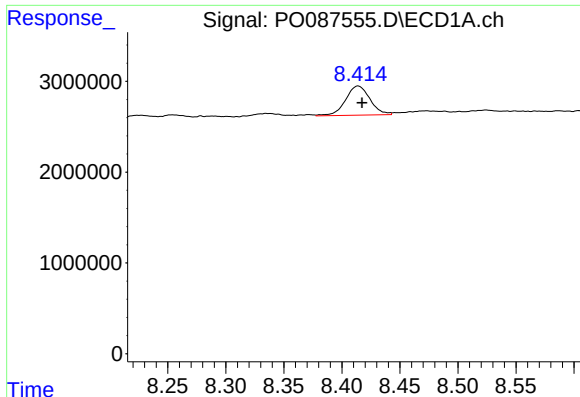
#34 AR-1260-4

R.T.: 8.086 min
Delta R.T.: -0.003 min
Response: 2572967
Conc: 24.60 ng/ml



#34 AR-1260-4

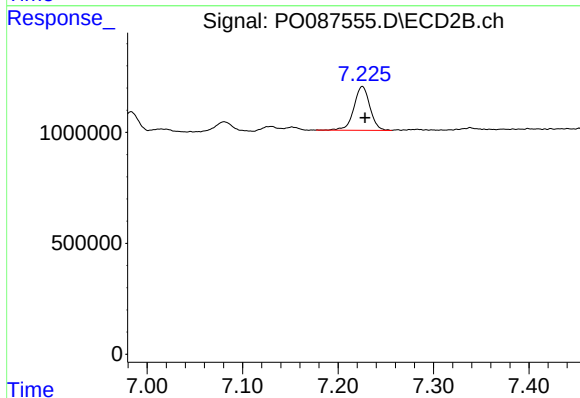
R.T.: 6.983 min
Delta R.T.: -0.003 min
Response: 1002339
Conc: 21.55 ng/ml



#35 AR-1260-5

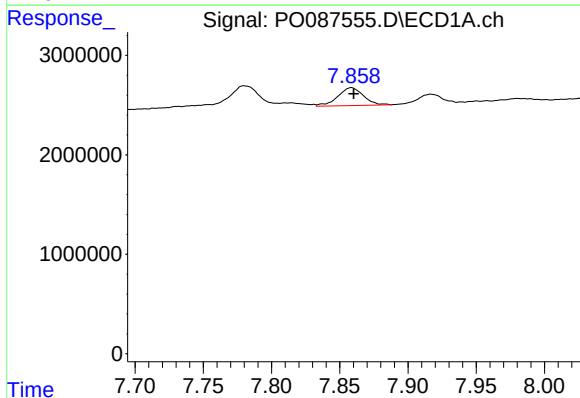
R.T.: 8.414 min
Delta R.T.: -0.004 min
Response: 4707761
Conc: 23.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



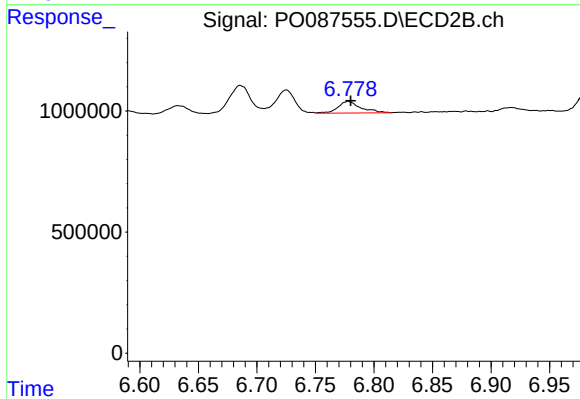
#35 AR-1260-5

R.T.: 7.225 min
Delta R.T.: -0.003 min
Response: 2303359
Conc: 21.37 ng/ml



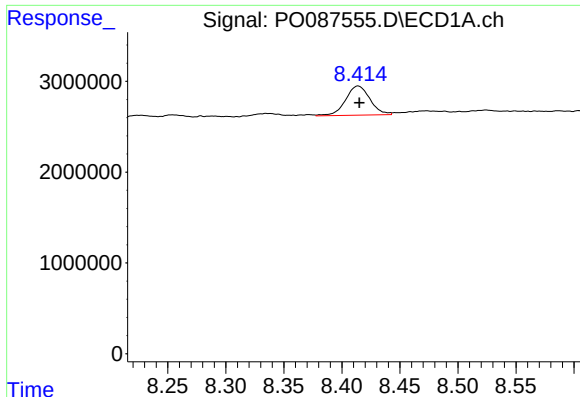
#36 AR-1262-1

R.T.: 7.858 min
Delta R.T.: -0.002 min
Response: 2355372
Conc: 16.46 ng/ml



#36 AR-1262-1

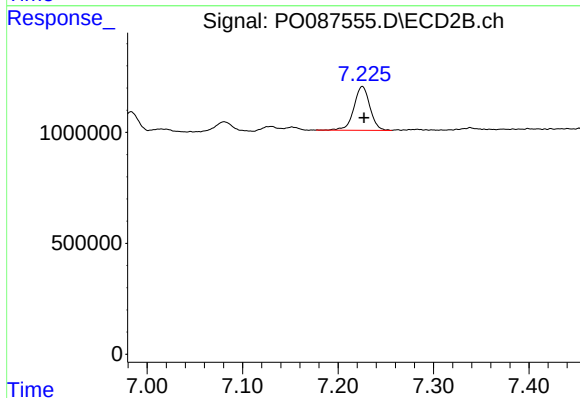
R.T.: 6.778 min
Delta R.T.: -0.002 min
Response: 657828
Conc: 25.06 ng/ml



#37 AR-1262-2

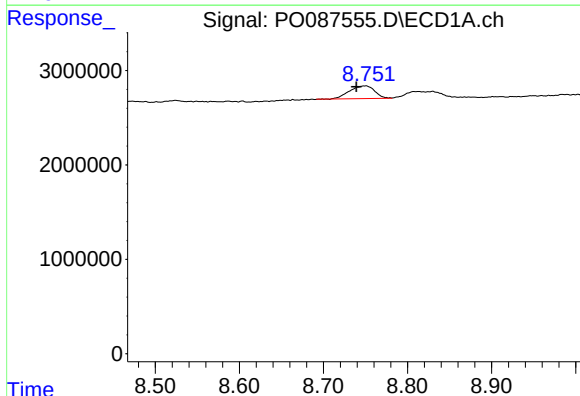
R.T.: 8.414 min
Delta R.T.: -0.001 min
Response: 4707761
Conc: 18.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



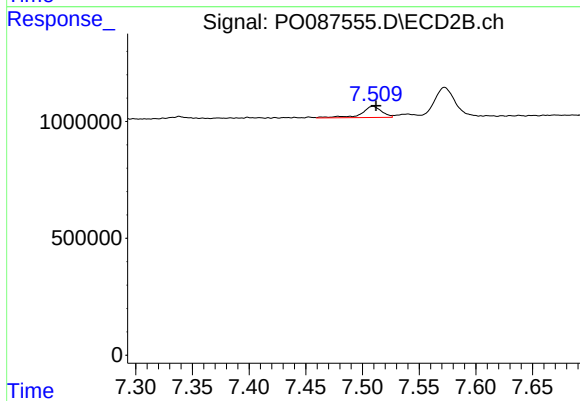
#37 AR-1262-2

R.T.: 7.225 min
Delta R.T.: -0.002 min
Response: 2303359
Conc: 21.70 ng/ml



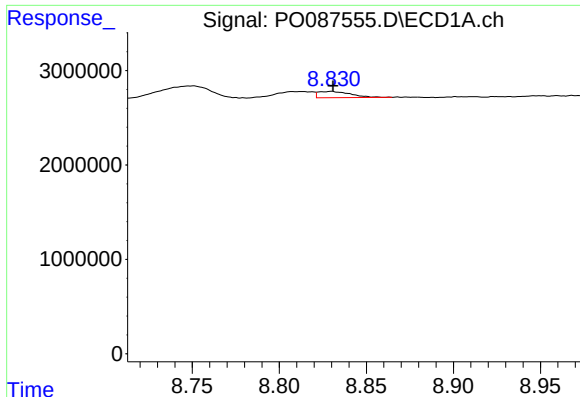
#38 AR-1262-3

R.T.: 8.750 min
Delta R.T.: 0.011 min
Response: 2819015
Conc: 15.59 ng/ml



#38 AR-1262-3

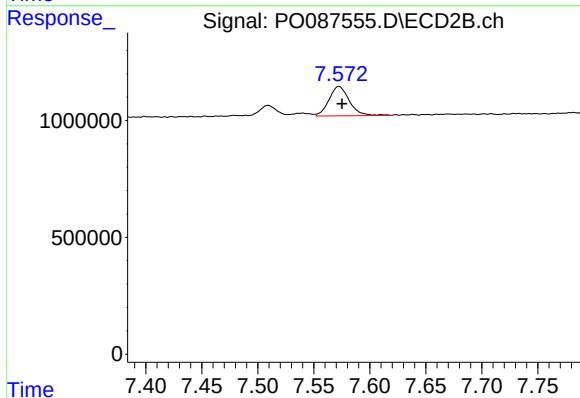
R.T.: 7.509 min
Delta R.T.: -0.003 min
Response: 586333
Conc: 14.29 ng/ml



#39 AR-1262-4

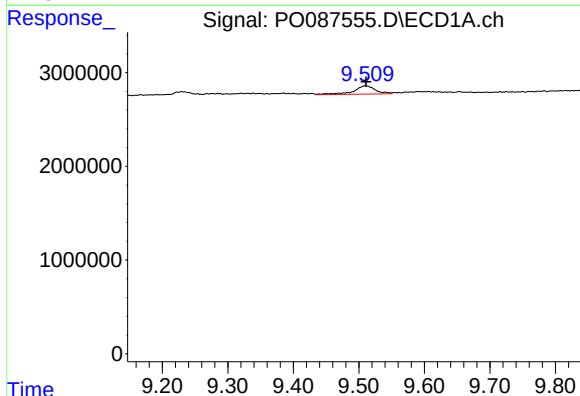
R.T.: 8.830 min
Delta R.T.: -0.001 min
Response: 847384
Conc: 9.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



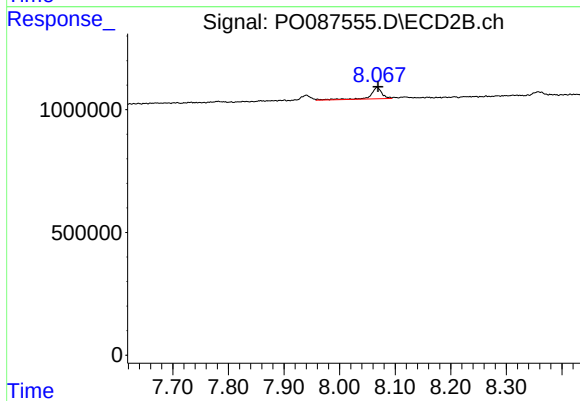
#39 AR-1262-4

R.T.: 7.572 min
Delta R.T.: -0.003 min
Response: 1592794
Conc: 21.29 ng/ml



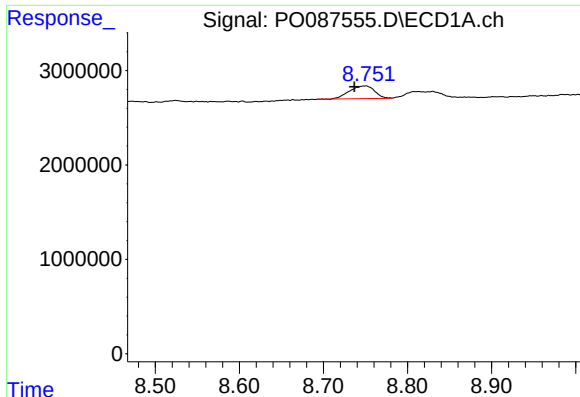
#40 AR-1262-5

R.T.: 9.510 min
Delta R.T.: -0.001 min
Response: 2064230
Conc: 21.55 ng/ml



#40 AR-1262-5

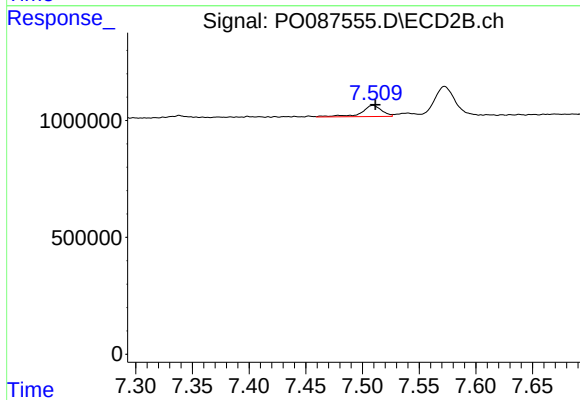
R.T.: 8.068 min
Delta R.T.: -0.002 min
Response: 644127
Conc: 19.20 ng/ml



#41 AR-1268-1

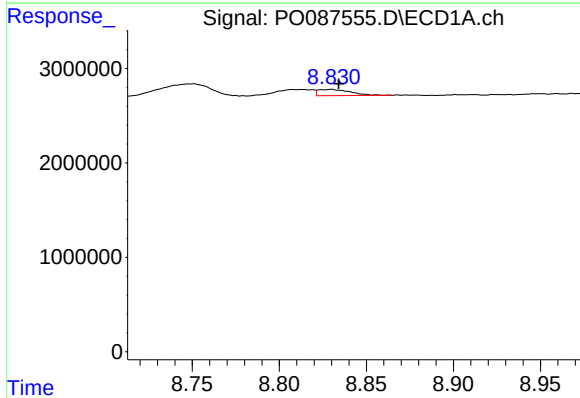
R.T.: 8.750 min
Delta R.T.: 0.013 min
Response: 2819015
Conc: 9.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



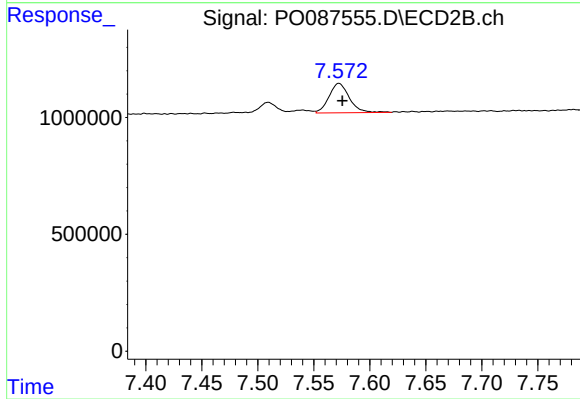
#41 AR-1268-1

R.T.: 7.509 min
Delta R.T.: -0.002 min
Response: 586333
Conc: 5.09 ng/ml



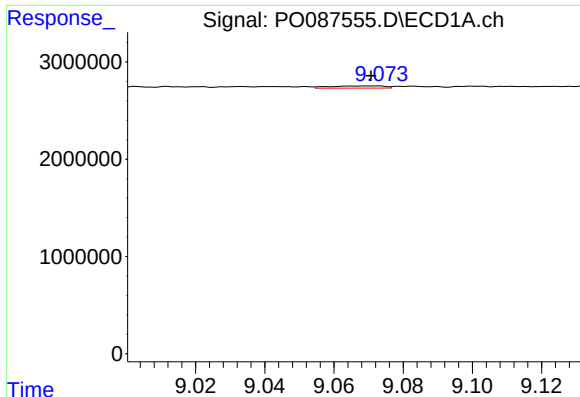
#42 AR-1268-2

R.T.: 8.830 min
Delta R.T.: -0.004 min
Response: 847384
Conc: 3.15 ng/ml



#42 AR-1268-2

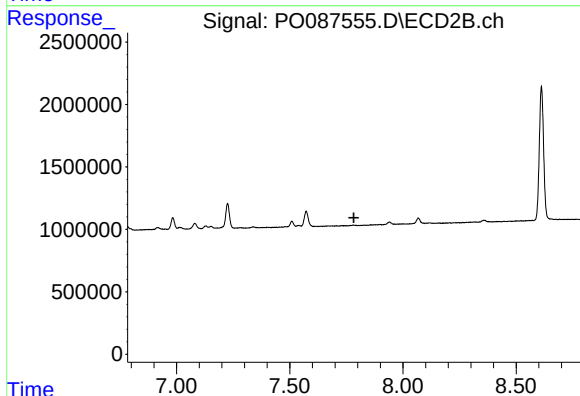
R.T.: 7.572 min
Delta R.T.: -0.003 min
Response: 1592794
Conc: 15.52 ng/ml



#43 AR-1268-3

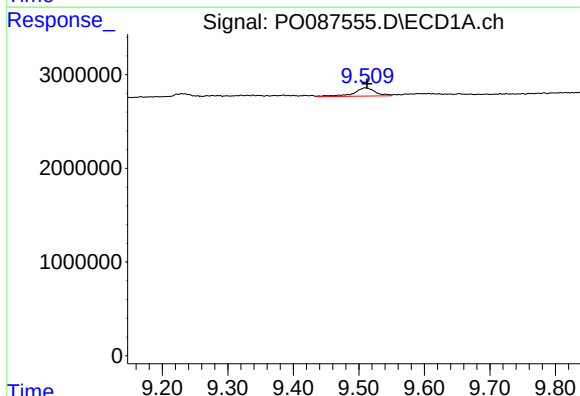
R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 243993
Conc: 1.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



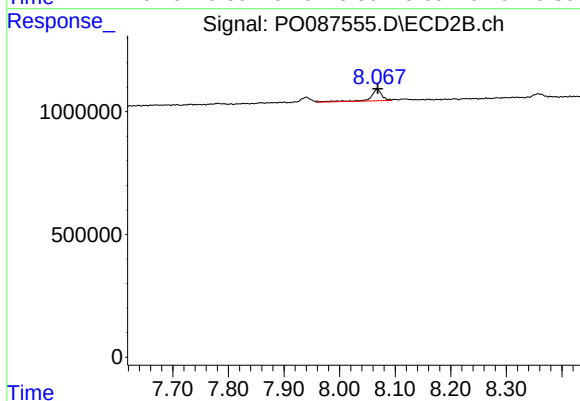
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.783 min
Response: 0
Conc: N.D.



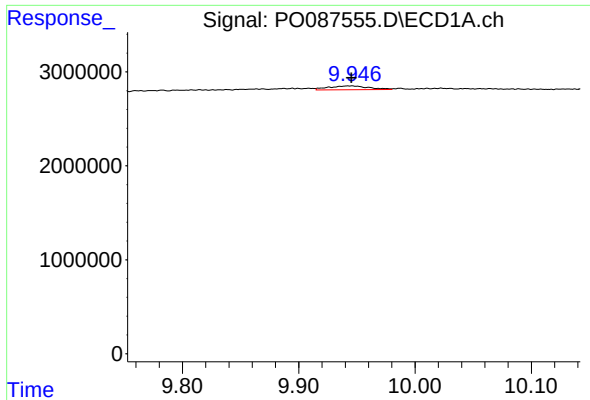
#44 AR-1268-4

R.T.: 9.510 min
Delta R.T.: -0.002 min
Response: 2064230
Conc: 20.19 ng/ml



#44 AR-1268-4

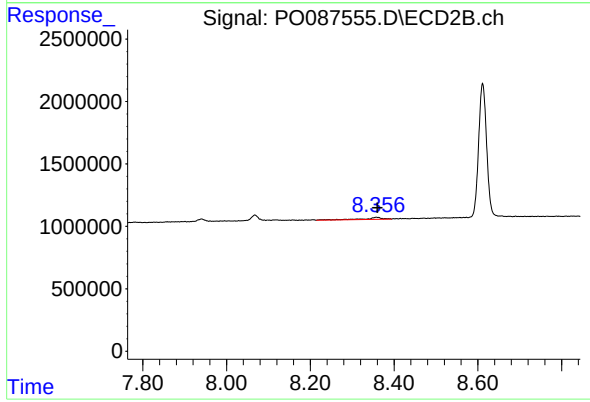
R.T.: 8.068 min
Delta R.T.: -0.001 min
Response: 644127
Conc: 18.16 ng/ml



#45 AR-1268-5

R.T.: 9.944 min
Delta R.T.: -0.001 min
Response: 993552
Conc: 1.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.357 min
Delta R.T.: -0.003 min
Response: 524305
Conc: 2.09 ng/ml