

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012023\
 Data File : P0092209.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2023 21:20
 Operator : YP/AJ
 Sample : 01237-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 00:04:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0011023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 11 04:41:00 2023
 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	3.646	59869317	30334898	21.465	21.849
2)	SA Decachlor...	10.369	8.694	40753004	19802387	20.817	22.333
Target Compounds							
3)	L1 AR-1016-1	5.571f	0.000	1906539	0	22.431	N.D. #
5)	L1 AR-1016-3	0.000	4.972	0	1176465	N.D.	35.089 #
6)	L1 AR-1016-4	0.000	4.972	0	1176465	N.D.	39.605 #
7)	L1 AR-1016-5	6.121	5.186	1341084	1047129	20.616	28.413 #
8)	L2 AR-1221-1	4.655	0.000	2802043	0	79.293	N.D. #
9)	L2 AR-1221-2	0.000	3.943	0	1787887	N.D.	136.884 #
10)	L2 AR-1221-3	0.000	4.065f	0	5585353	N.D.	144.037 #
11)	L3 AR-1232-1	0.000	4.065f	0	5585353	N.D.	163.629 #
12)	L3 AR-1232-2	5.327	0.000	4399353	0	135.557	N.D. #
13)	L3 AR-1232-3	0.000	4.972	0	1176465	N.D.	77.945 #
14)	L3 AR-1232-4	0.000	5.014	0	429413	N.D.	28.501 #
15)	L3 AR-1232-5	5.914	5.186	2258132	1047129	94.124	64.032 #
16)	L4 AR-1242-1	5.571f	0.000	1906539	0	26.717	N.D. #
18)	L4 AR-1242-3	0.000	4.972	0	1176465	N.D.	41.117 #
19)	L4 AR-1242-4	0.000	5.014	0	429413	N.D.	13.970 #
20)	L4 AR-1242-5	6.575	5.541	5219710	10828896	103.094	328.362 #
21)	L5 AR-1248-1	5.571f	0.000	1906539	0	34.835	N.D. #
22)	L5 AR-1248-2	5.914	4.972	2258132	1176465	26.106	26.524
23)	L5 AR-1248-3	6.121	5.014	1341084	429413	14.577	9.426 #
24)	L5 AR-1248-4	6.532	5.186	5666040	1047129	63.700	20.082 #
25)	L5 AR-1248-5	6.575	5.581	5219710	1716306	60.336	38.806 #
26)	L6 AR-1254-1	6.507	5.541	13946144	10828896	134.795	146.675
27)	L6 AR-1254-2	6.730	5.689	31602894	15189457	208.489	232.450
28)	L6 AR-1254-3	7.103	6.095	49902893	34668377	333.720	357.179
29)	L6 AR-1254-4	7.395	6.325	41288814	22885487	434.425	472.202
30)	L6 AR-1254-5	7.824	6.746	77936201	47920933	628.250	622.318
31)	L7 AR-1260-1	7.272	6.227	25350329	19782703	211.138	304.228 #
32)	L7 AR-1260-2	7.535	6.415	34242327	19537841	266.559	266.731
33)	L7 AR-1260-3	7.885	6.569	12177503	18752301	116.782	262.192 #
34)	L7 AR-1260-4	8.117	7.045	32540044	3828170	281.838	71.051 #
35)	L7 AR-1260-5	8.467	7.287	13251978	8344276	66.341	74.364
36)	L8 AR-1262-1	7.885	6.815	12177503	3321964	94.472	43.362 #
37)	L8 AR-1262-2	8.467	7.287	13251978	8344276	68.285	72.073
38)	L8 AR-1262-3	8.806	7.575	11278039	1090465	79.958	24.387 #
39)	L8 AR-1262-4	8.858	7.636	4451298	8257611	52.815	99.444 #
40)	L8 AR-1262-5	9.575	8.137	1848288	1226414	25.756	33.659 #
41)	L9 AR-1268-1	8.806	7.575	11278039	1090465	39.303	7.155 #
42)	L9 AR-1268-2	8.858	7.636	4451298	8257611	15.313	60.338 #
43)	L9 AR-1268-3	0.000	7.849	0	358160	N.D.	2.820 #

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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
44) L9	AR-1268-4	9.575	8.137	1848288	1226414	20.525	25.894 #
45) L9	AR-1268-5	10.015	8.434	3868078	1254584	5.260	3.365 #

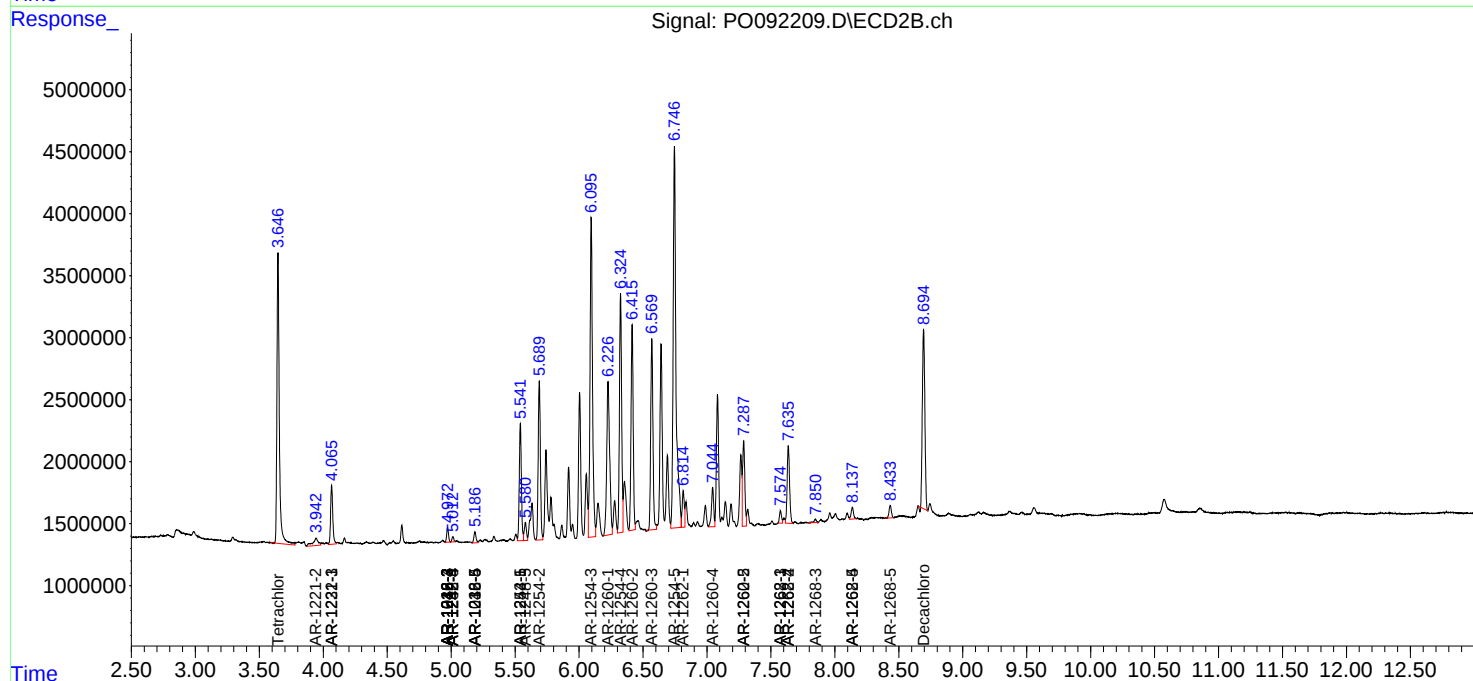
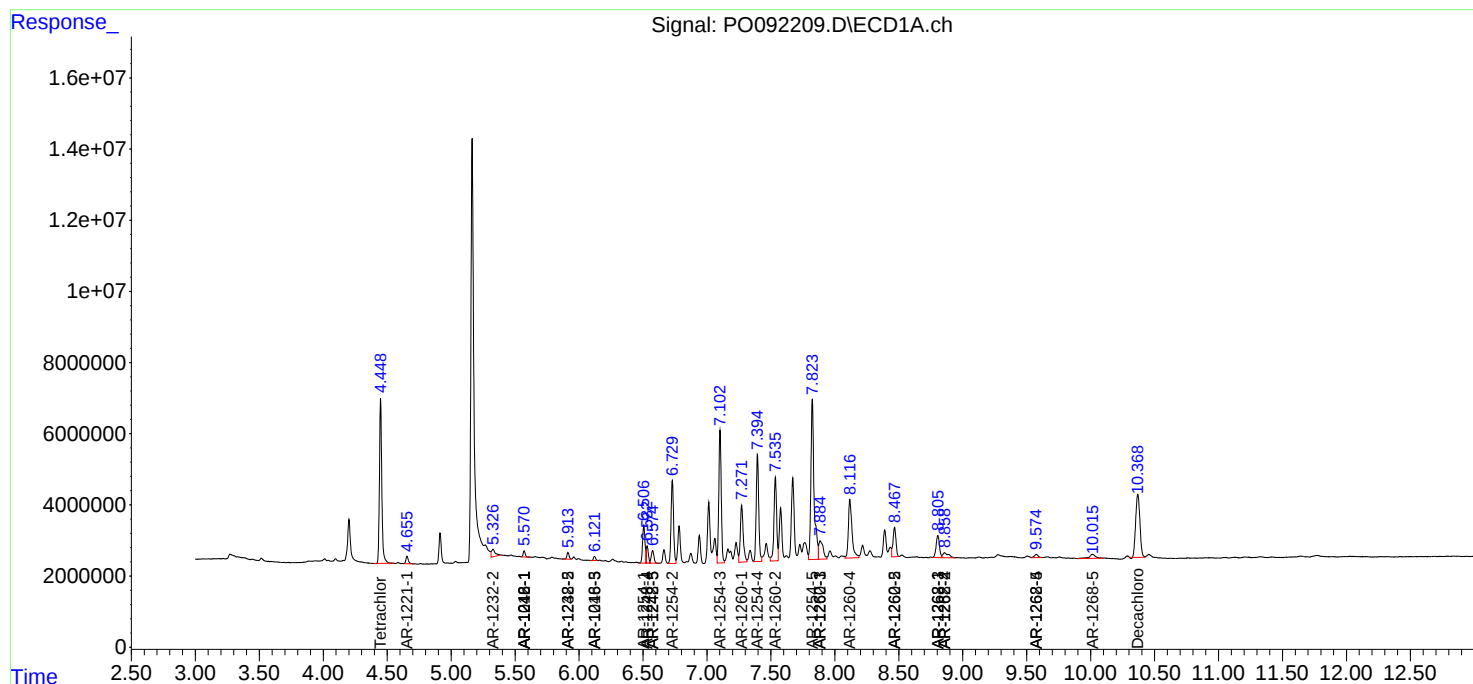
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

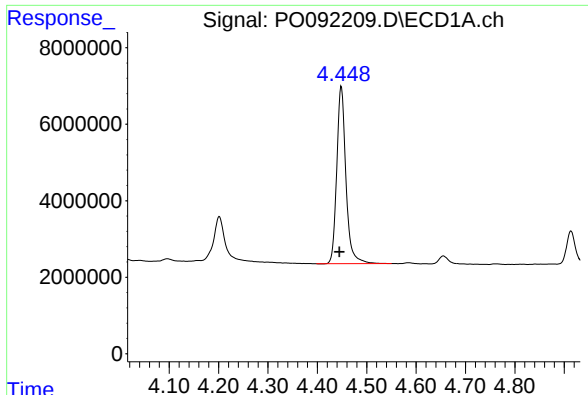
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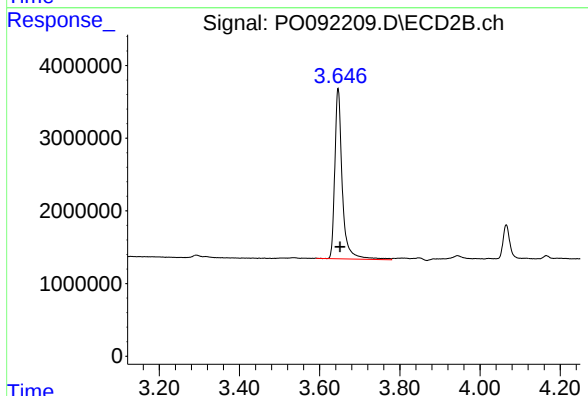




#1 Tetrachloro-m-xylene

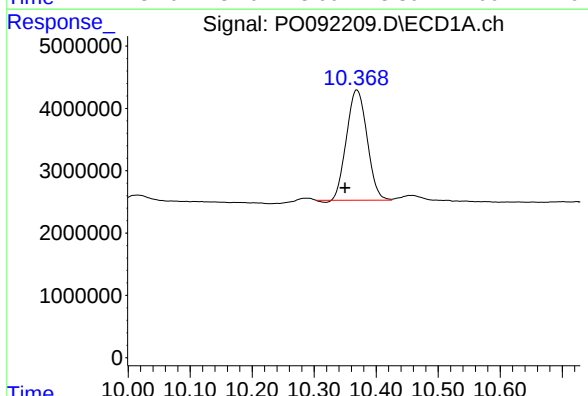
R.T.: 4.449 min
Delta R.T.: 0.004 min
Response: 59869317
Conc: 21.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



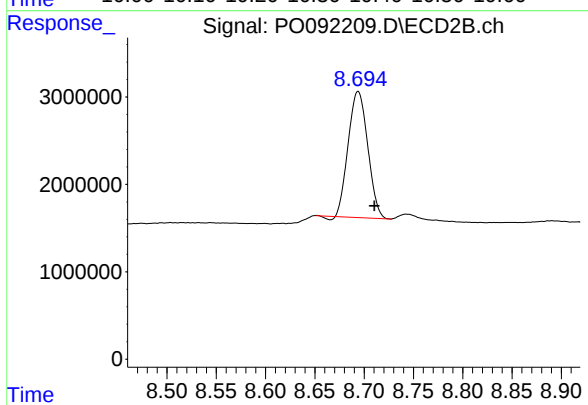
#1 Tetrachloro-m-xylene

R.T.: 3.646 min
Delta R.T.: -0.005 min
Response: 30334898
Conc: 21.85 ng/ml



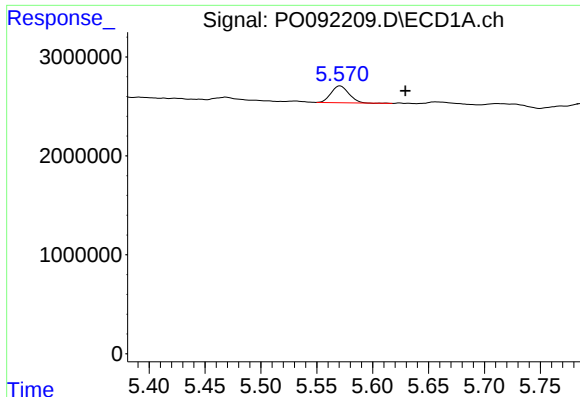
#2 Decachlorobiphenyl

R.T.: 10.369 min
Delta R.T.: 0.019 min
Response: 40753004
Conc: 20.82 ng/ml



#2 Decachlorobiphenyl

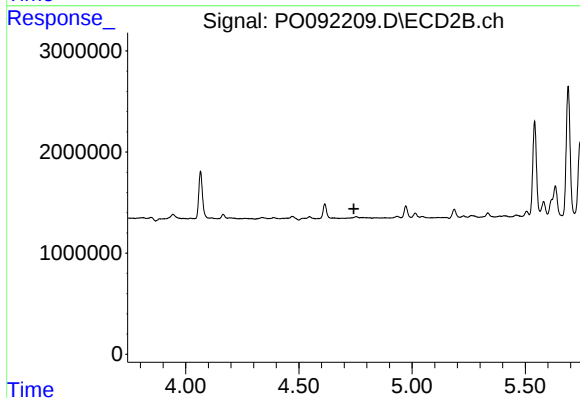
R.T.: 8.694 min
Delta R.T.: -0.016 min
Response: 19802387
Conc: 22.33 ng/ml



#3 AR-1016-1

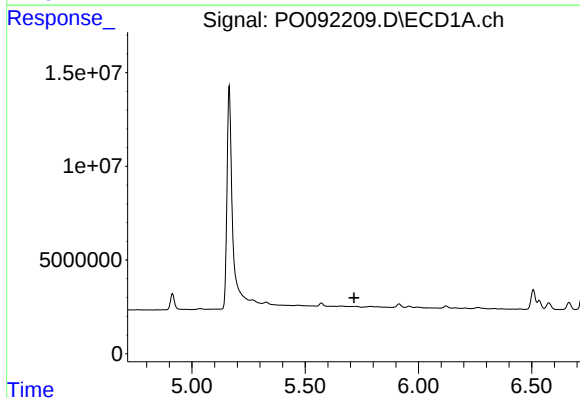
R.T.: 5.571 min
Delta R.T.: -0.059 min
Response: 1906539
Conc: 22.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



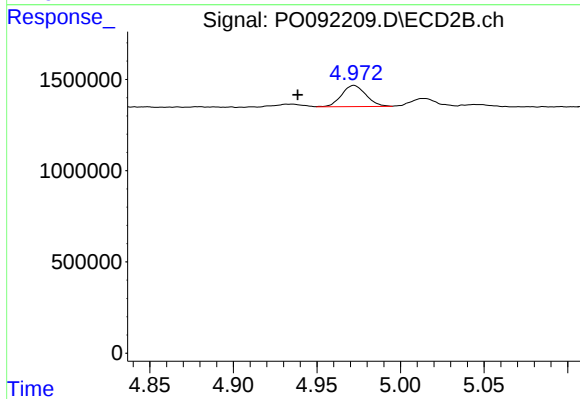
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.743 min
Response: 0
Conc: N.D.



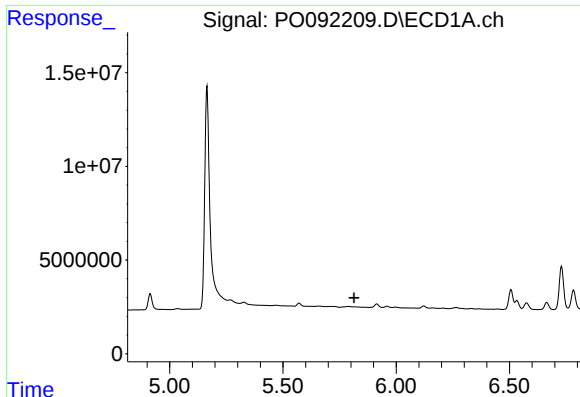
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.715 min
Response: 0
Conc: N.D.



#5 AR-1016-3

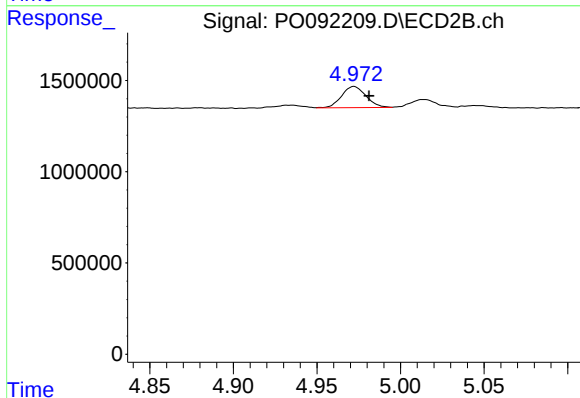
R.T.: 4.972 min
Delta R.T.: 0.034 min
Response: 1176465
Conc: 35.09 ng/ml



#6 AR-1016-4

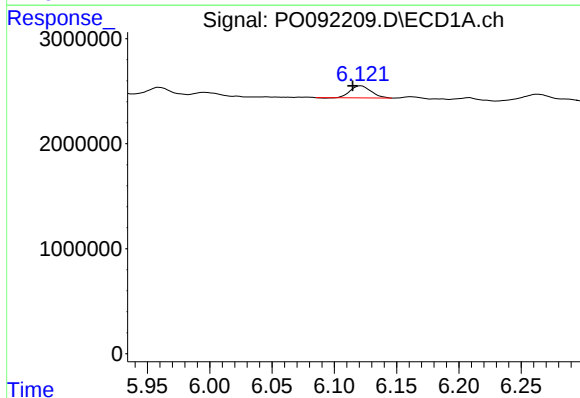
R.T.: 0.000 min
Exp R.T.: 5.814 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



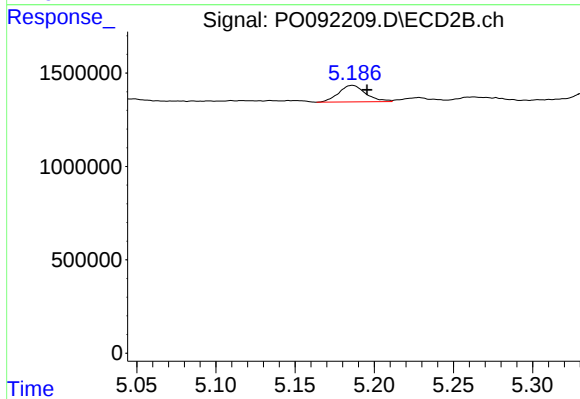
#6 AR-1016-4

R.T.: 4.972 min
Delta R.T.: -0.009 min
Response: 1176465
Conc: 39.60 ng/ml



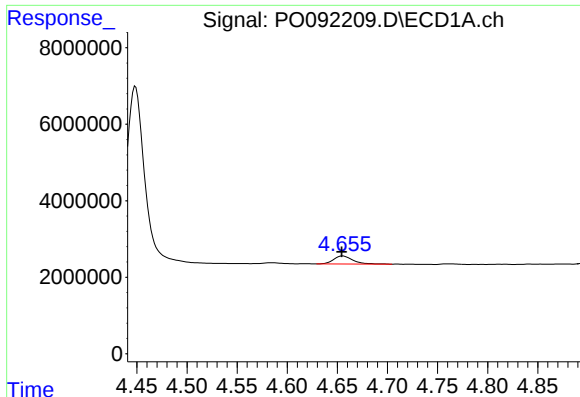
#7 AR-1016-5

R.T.: 6.121 min
Delta R.T.: 0.007 min
Response: 1341084
Conc: 20.62 ng/ml



#7 AR-1016-5

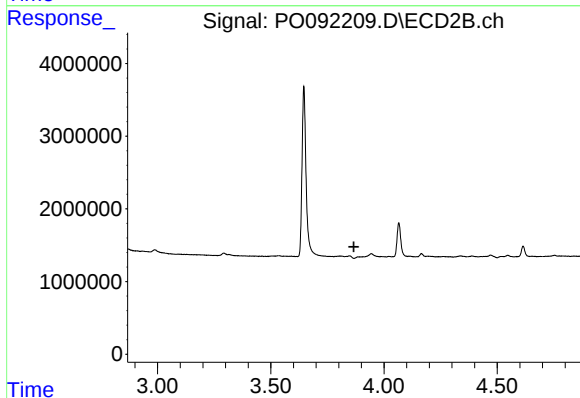
R.T.: 5.186 min
Delta R.T.: -0.009 min
Response: 1047129
Conc: 28.41 ng/ml



#8 AR-1221-1

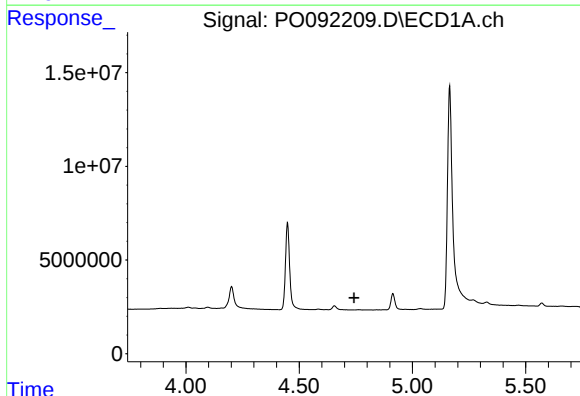
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 2802043
Conc: 79.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



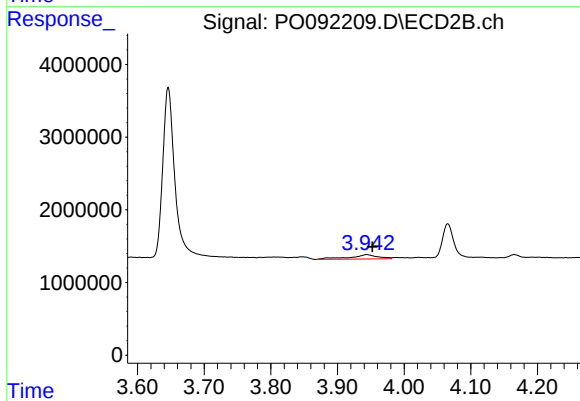
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.867 min
Response: 0
Conc: N.D.



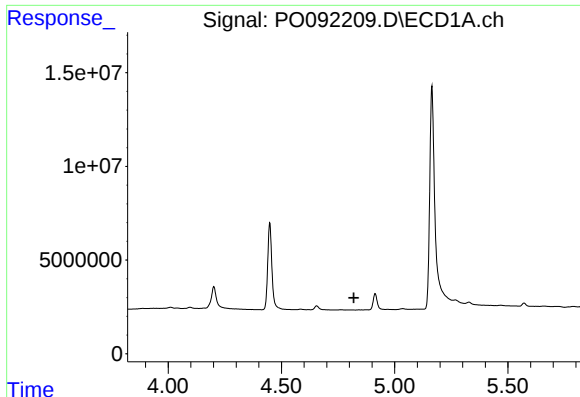
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.742 min
Response: 0
Conc: N.D.



#9 AR-1221-2

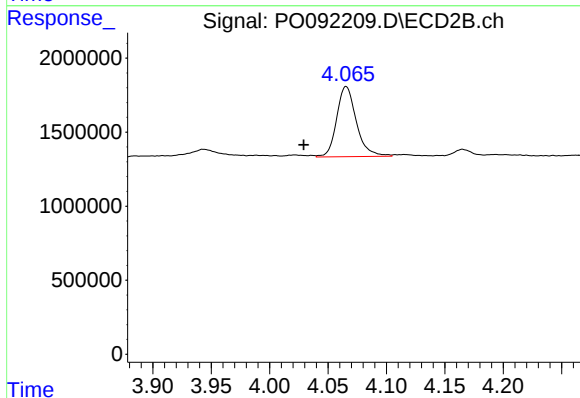
R.T.: 3.943 min
Delta R.T.: -0.009 min
Response: 1787887
Conc: 136.88 ng/ml



#10 AR-1221-3

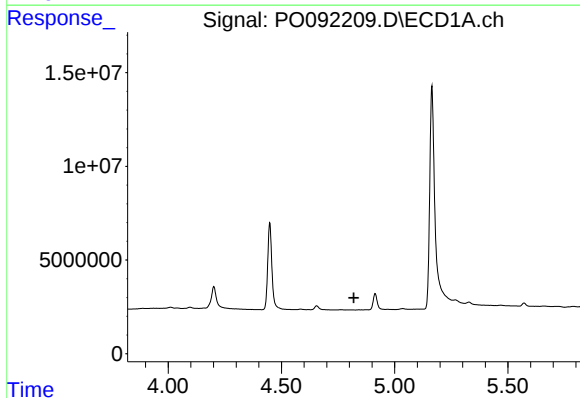
R.T.: 0.000 min
Exp R.T.: 4.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



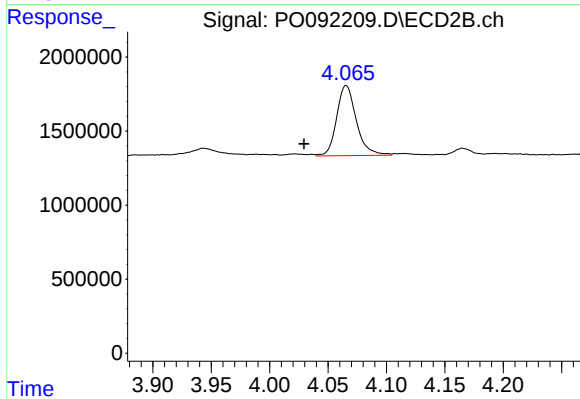
#10 AR-1221-3

R.T.: 4.065 min
Delta R.T.: 0.036 min
Response: 5585353
Conc: 144.04 ng/ml



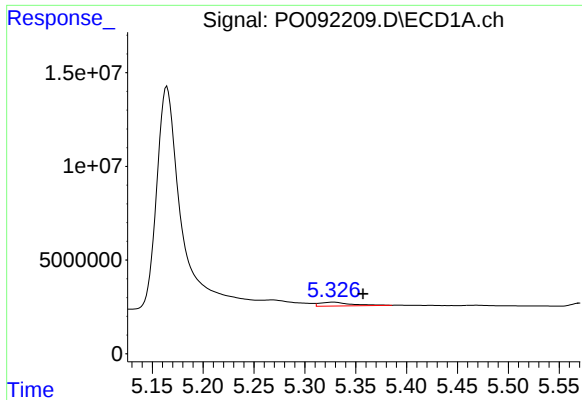
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.820 min
Response: 0
Conc: N.D.



#11 AR-1232-1

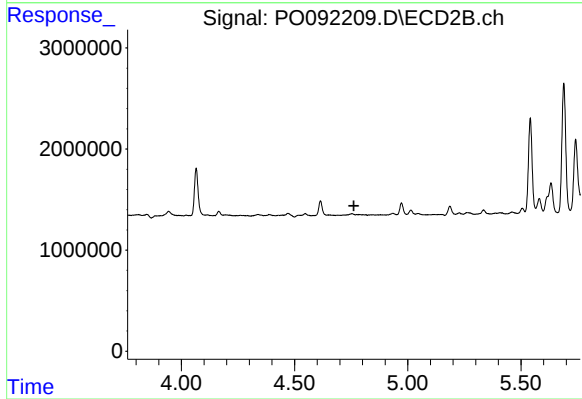
R.T.: 4.065 min
Delta R.T.: 0.036 min
Response: 5585353
Conc: 163.63 ng/ml



#12 AR-1232-2

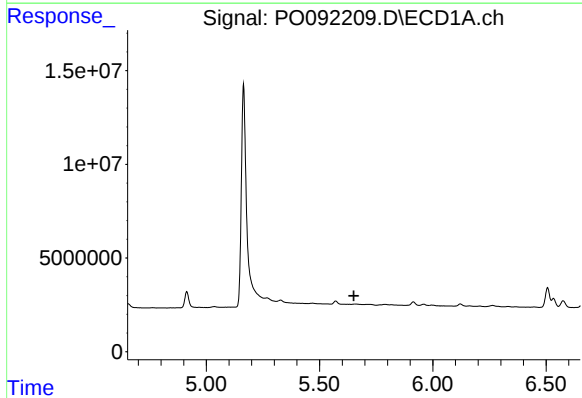
R.T.: 5.327 min
Delta R.T.: -0.030 min
Response: 4399353
Conc: 135.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



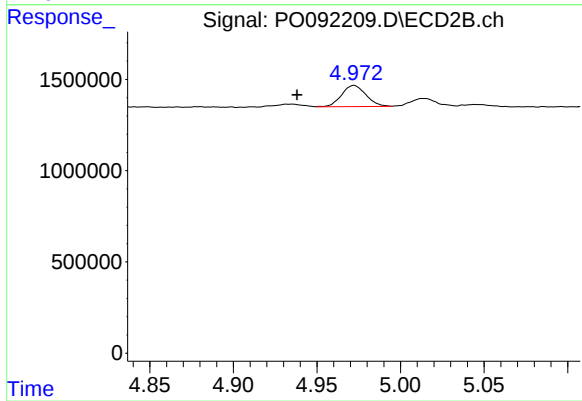
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.762 min
Response: 0
Conc: N.D.



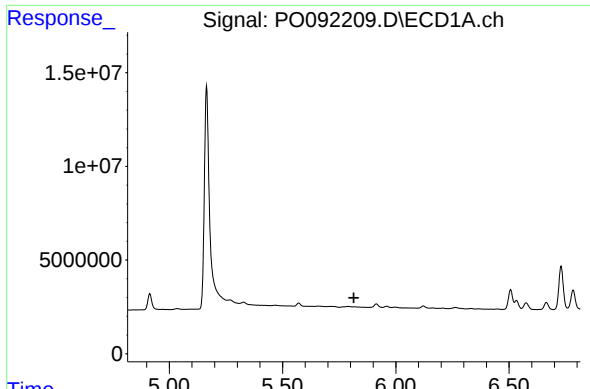
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.652 min
Response: 0
Conc: N.D.



#13 AR-1232-3

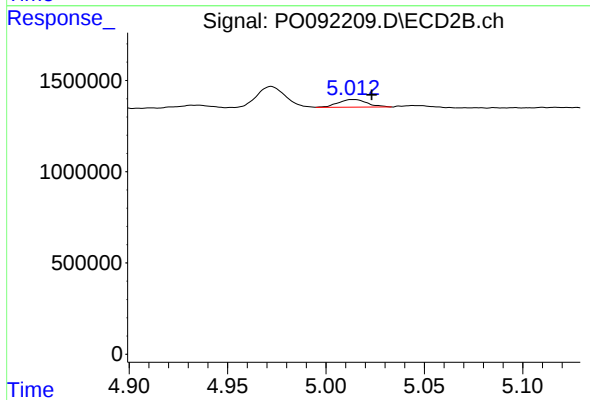
R.T.: 4.972 min
Delta R.T.: 0.034 min
Response: 1176465
Conc: 77.94 ng/ml



#14 AR-1232-4

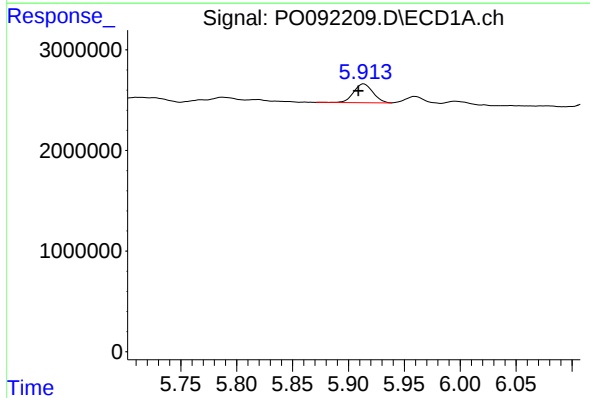
R.T.: 0.000 min
Exp R.T.: 5.814 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



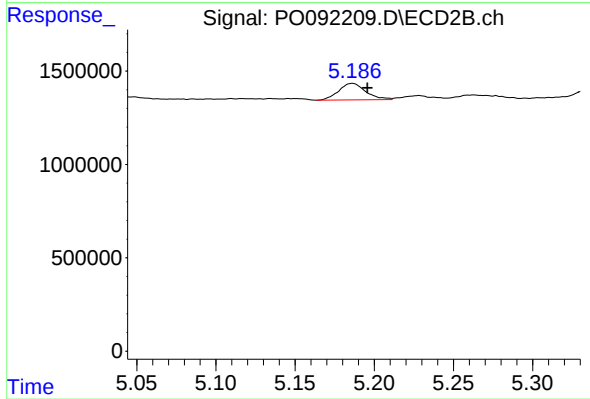
#14 AR-1232-4

R.T.: 5.014 min
Delta R.T.: -0.009 min
Response: 429413
Conc: 28.50 ng/ml



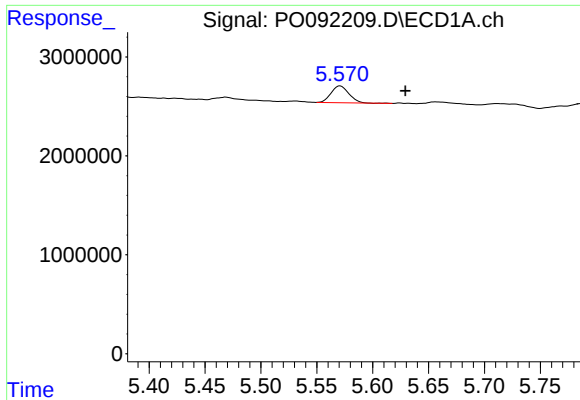
#15 AR-1232-5

R.T.: 5.914 min
Delta R.T.: 0.005 min
Response: 2258132
Conc: 94.12 ng/ml



#15 AR-1232-5

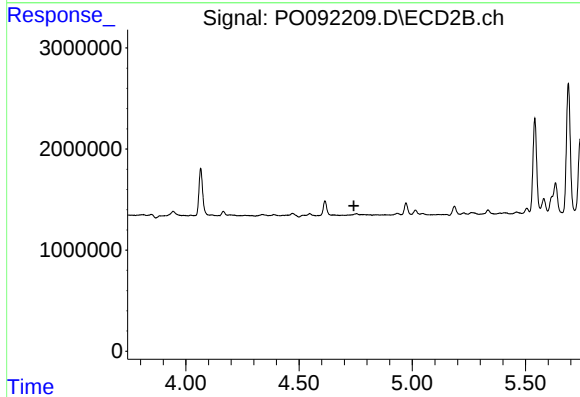
R.T.: 5.186 min
Delta R.T.: -0.009 min
Response: 1047129
Conc: 64.03 ng/ml



#16 AR-1242-1

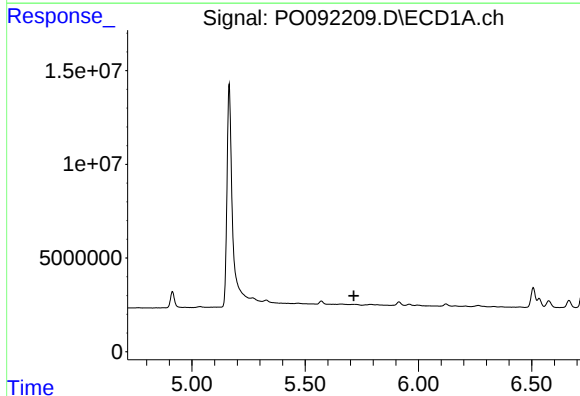
R.T.: 5.571 min
Delta R.T.: -0.058 min
Response: 1906539
Conc: 26.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



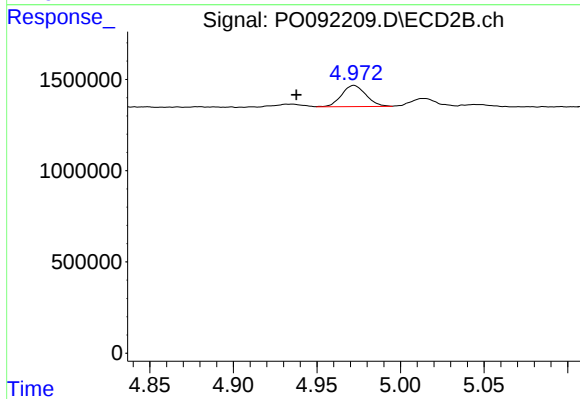
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.742 min
Response: 0
Conc: N.D.



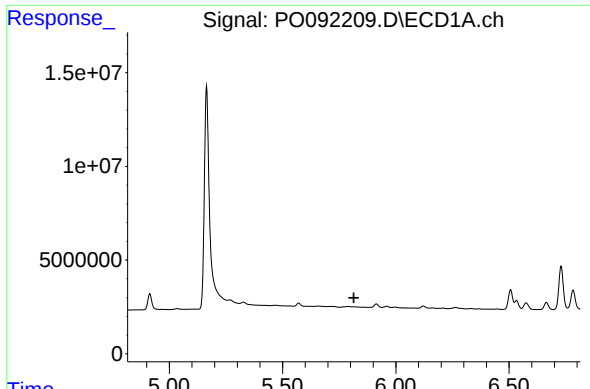
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.715 min
Response: 0
Conc: N.D.



#18 AR-1242-3

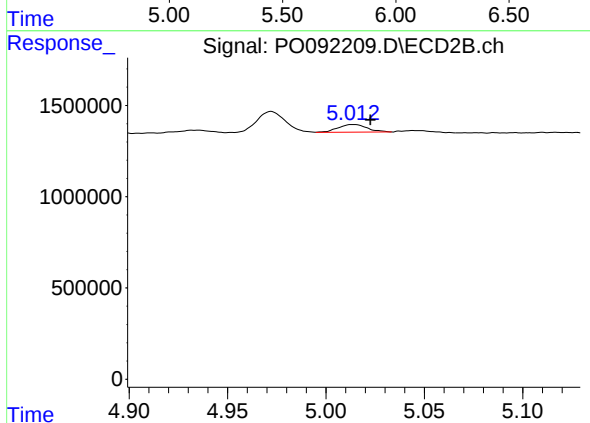
R.T.: 4.972 min
Delta R.T.: 0.034 min
Response: 1176465
Conc: 41.12 ng/ml



#19 AR-1242-4

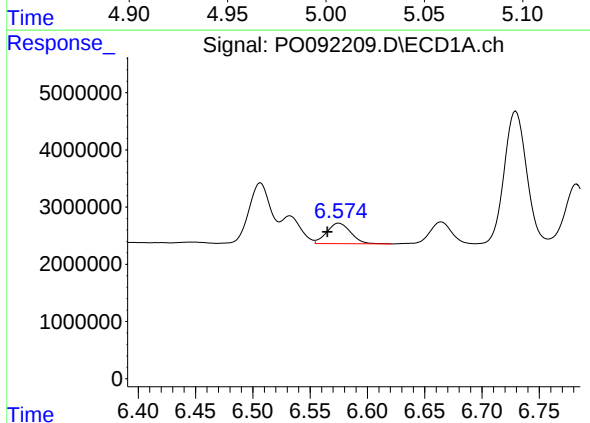
R.T.: 0.000 min
Exp R.T.: 5.814 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



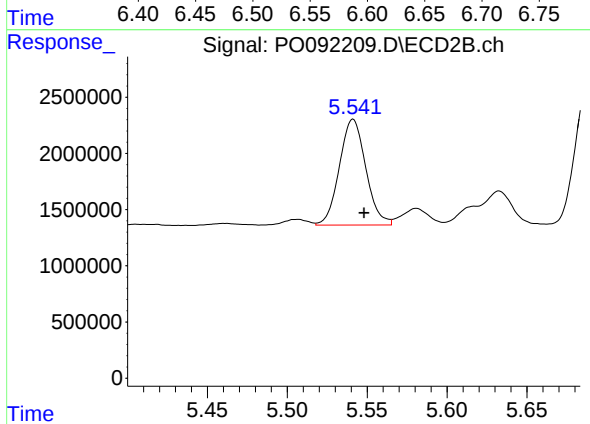
#19 AR-1242-4

R.T.: 5.014 min
Delta R.T.: -0.009 min
Response: 429413
Conc: 13.97 ng/ml



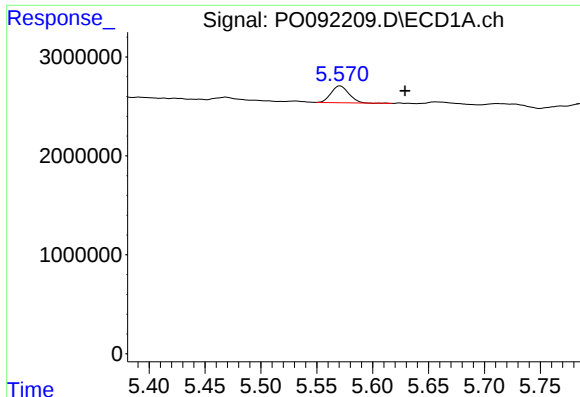
#20 AR-1242-5

R.T.: 6.575 min
Delta R.T.: 0.010 min
Response: 5219710
Conc: 103.09 ng/ml



#20 AR-1242-5

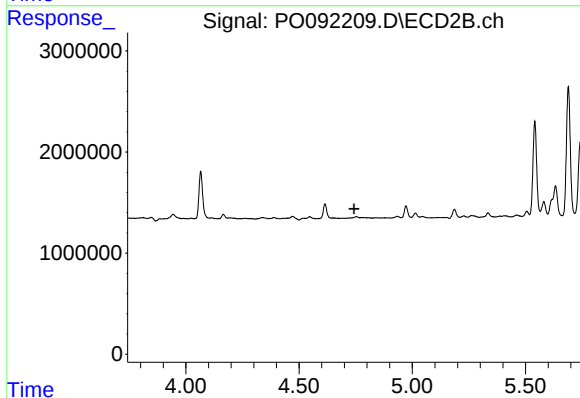
R.T.: 5.541 min
Delta R.T.: -0.007 min
Response: 10828896
Conc: 328.36 ng/ml



#21 AR-1248-1

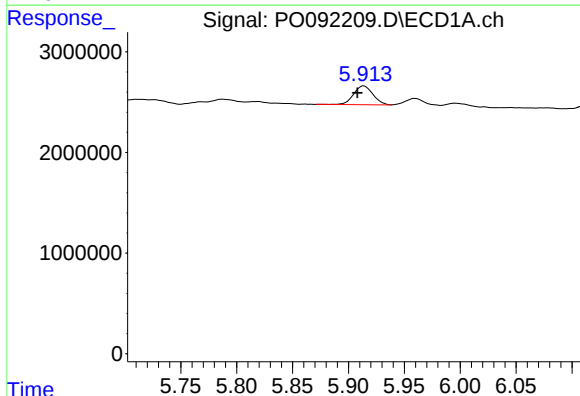
R.T.: 5.571 min
Delta R.T.: -0.058 min
Response: 1906539
Conc: 34.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



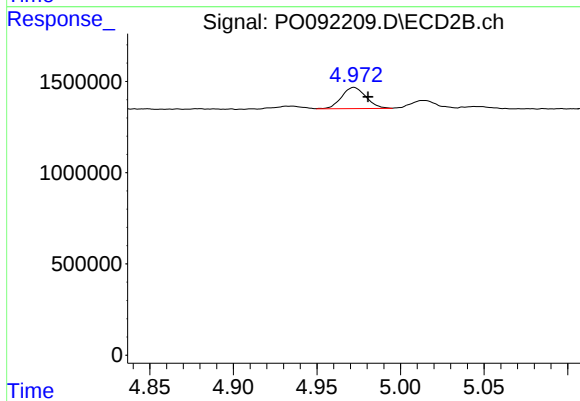
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.743 min
Response: 0
Conc: N.D.



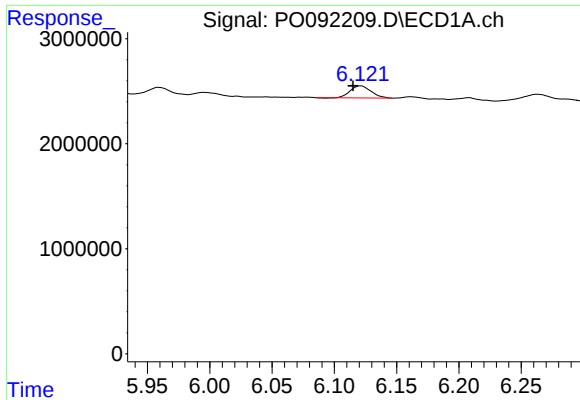
#22 AR-1248-2

R.T.: 5.914 min
Delta R.T.: 0.006 min
Response: 2258132
Conc: 26.11 ng/ml



#22 AR-1248-2

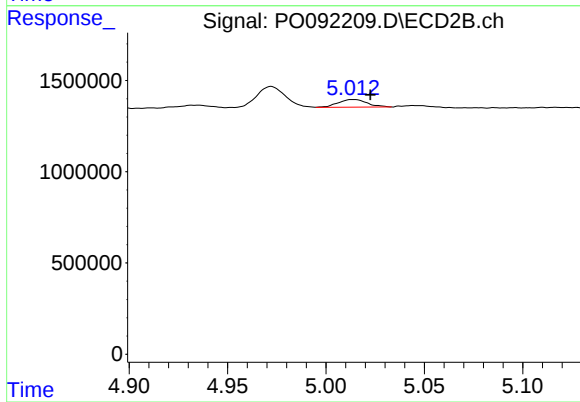
R.T.: 4.972 min
Delta R.T.: -0.008 min
Response: 1176465
Conc: 26.52 ng/ml



#23 AR-1248-3

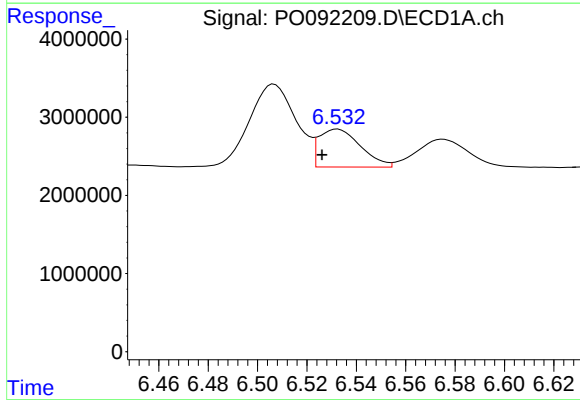
R.T.: 6.121 min
Delta R.T.: 0.006 min
Response: 1341084
Conc: 14.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



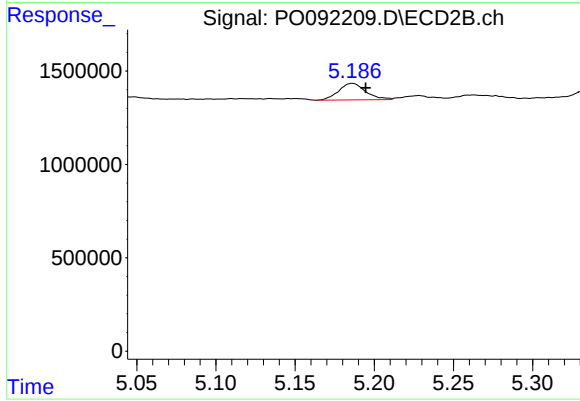
#23 AR-1248-3

R.T.: 5.014 min
Delta R.T.: -0.009 min
Response: 429413
Conc: 9.43 ng/ml



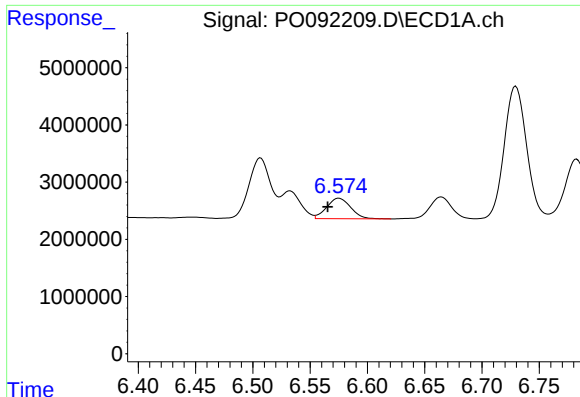
#24 AR-1248-4

R.T.: 6.532 min
Delta R.T.: 0.006 min
Response: 5666040
Conc: 63.70 ng/ml



#24 AR-1248-4

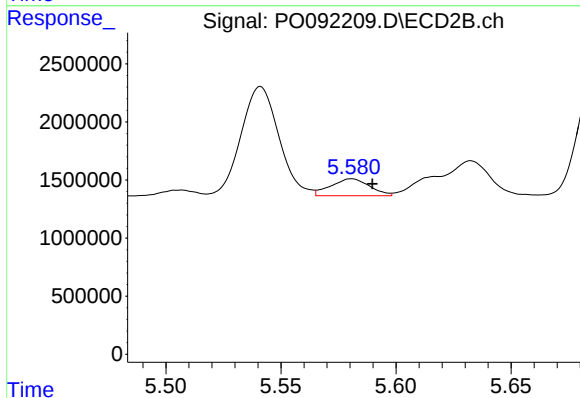
R.T.: 5.186 min
Delta R.T.: -0.009 min
Response: 1047129
Conc: 20.08 ng/ml



#25 AR-1248-5

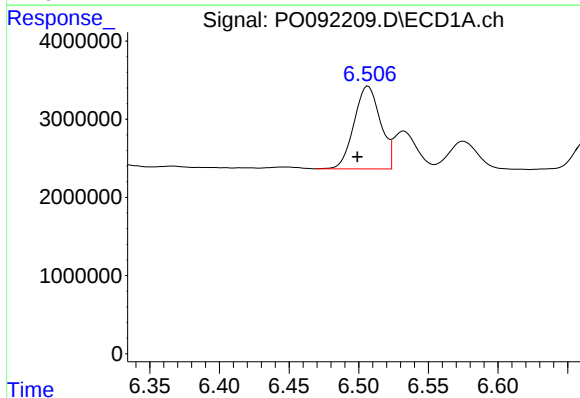
R.T.: 6.575 min
Delta R.T.: 0.010 min
Response: 5219710
Conc: 60.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



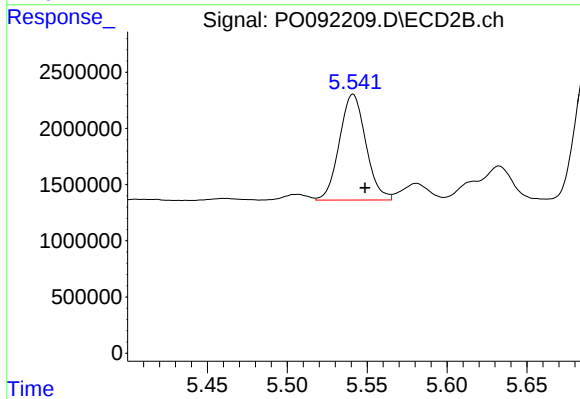
#25 AR-1248-5

R.T.: 5.581 min
Delta R.T.: -0.009 min
Response: 1716306
Conc: 38.81 ng/ml



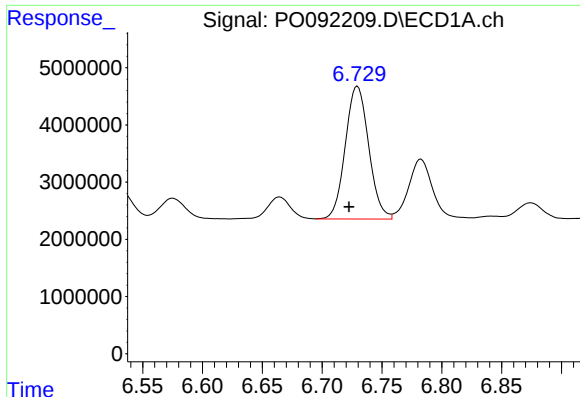
#26 AR-1254-1

R.T.: 6.507 min
Delta R.T.: 0.008 min
Response: 13946144
Conc: 134.80 ng/ml



#26 AR-1254-1

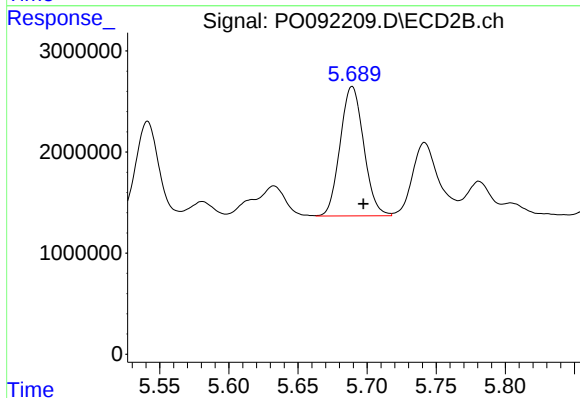
R.T.: 5.541 min
Delta R.T.: -0.007 min
Response: 10828896
Conc: 146.67 ng/ml



#27 AR-1254-2

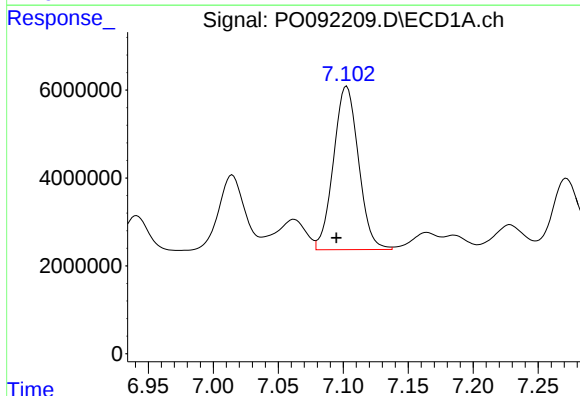
R.T.: 6.730 min
Delta R.T.: 0.007 min
Response: 31602894
Conc: 208.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



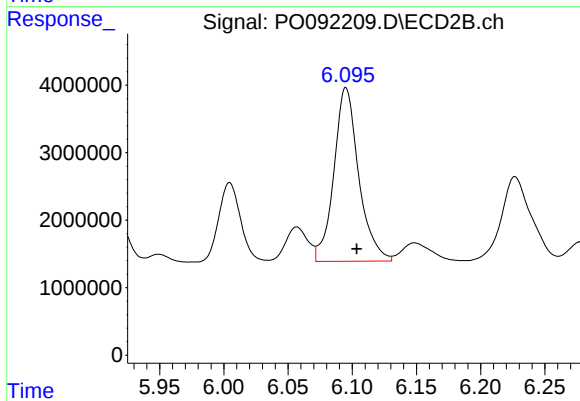
#27 AR-1254-2

R.T.: 5.689 min
Delta R.T.: -0.008 min
Response: 15189457
Conc: 232.45 ng/ml



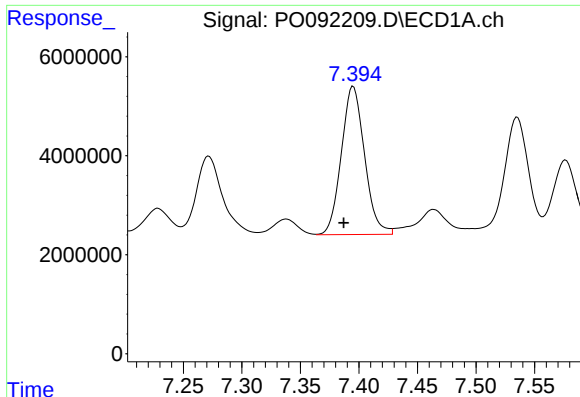
#28 AR-1254-3

R.T.: 7.103 min
Delta R.T.: 0.008 min
Response: 49902893
Conc: 333.72 ng/ml



#28 AR-1254-3

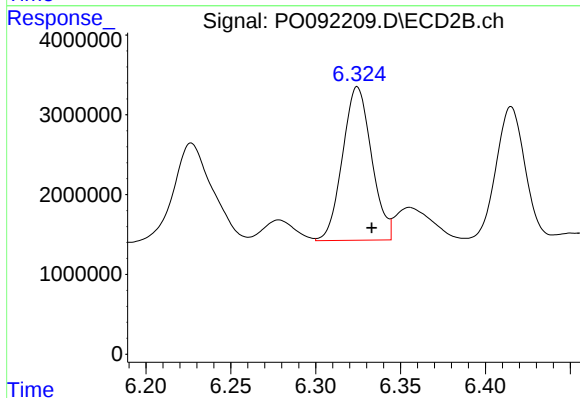
R.T.: 6.095 min
Delta R.T.: -0.008 min
Response: 34668377
Conc: 357.18 ng/ml



#29 AR-1254-4

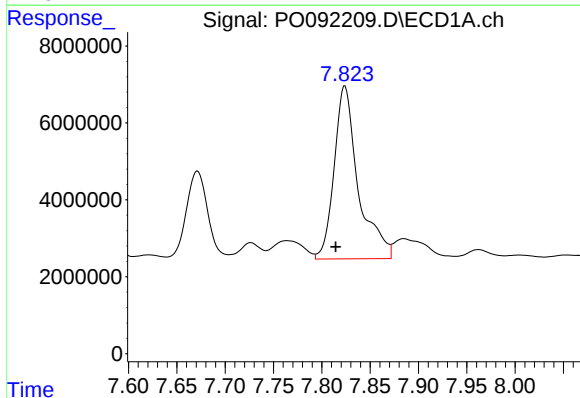
R.T.: 7.395 min
Delta R.T.: 0.008 min
Response: 41288814
Conc: 434.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



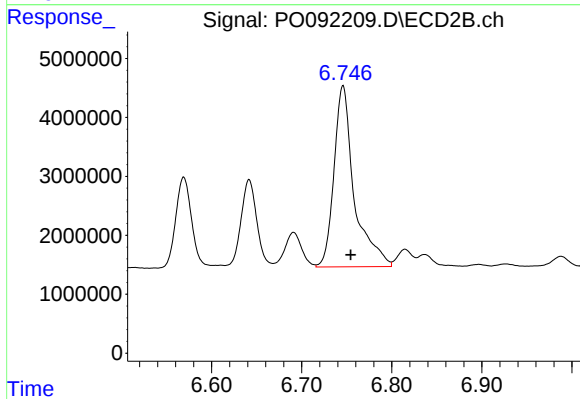
#29 AR-1254-4

R.T.: 6.325 min
Delta R.T.: -0.008 min
Response: 22885487
Conc: 472.20 ng/ml



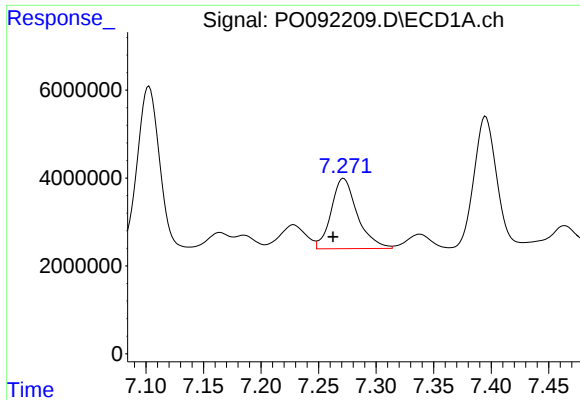
#30 AR-1254-5

R.T.: 7.824 min
Delta R.T.: 0.010 min
Response: 77936201
Conc: 628.25 ng/ml



#30 AR-1254-5

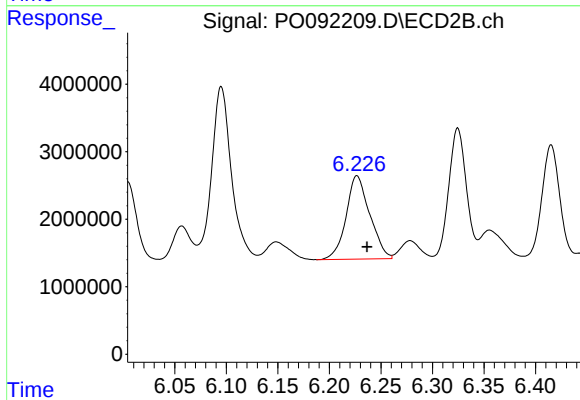
R.T.: 6.746 min
Delta R.T.: -0.009 min
Response: 47920933
Conc: 622.32 ng/ml



#31 AR-1260-1

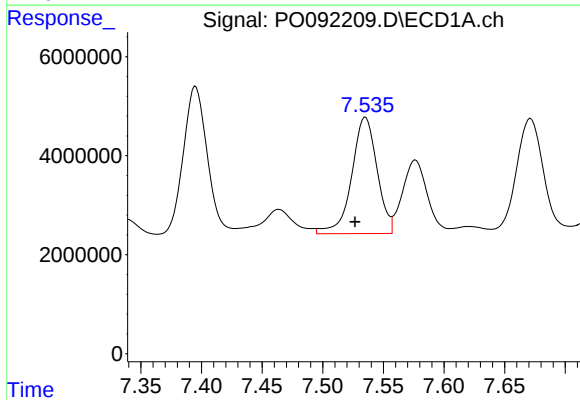
R.T.: 7.272 min
Delta R.T.: 0.009 min
Response: 25350329
Conc: 211.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



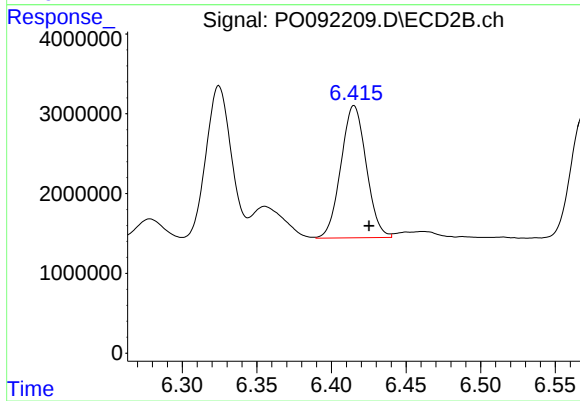
#31 AR-1260-1

R.T.: 6.227 min
Delta R.T.: -0.010 min
Response: 19782703
Conc: 304.23 ng/ml



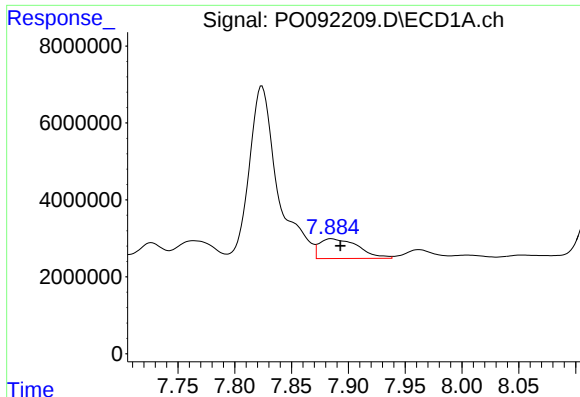
#32 AR-1260-2

R.T.: 7.535 min
Delta R.T.: 0.009 min
Response: 34242327
Conc: 266.56 ng/ml



#32 AR-1260-2

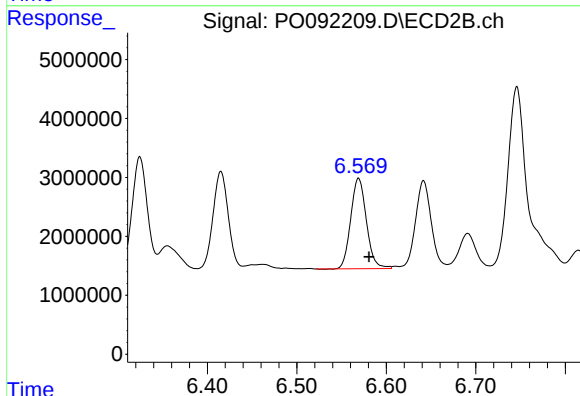
R.T.: 6.415 min
Delta R.T.: -0.010 min
Response: 19537841
Conc: 266.73 ng/ml



#33 AR-1260-3

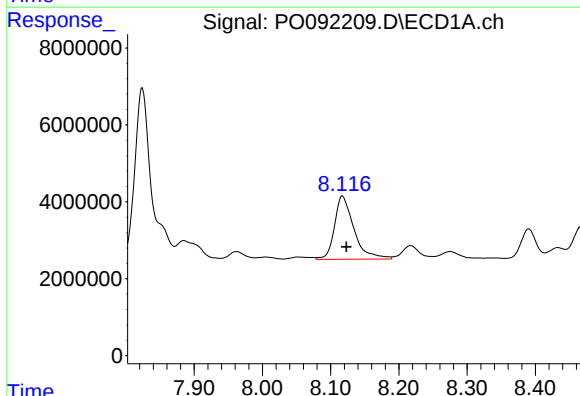
R.T.: 7.885 min
Delta R.T.: -0.008 min
Response: 12177503
Conc: 116.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



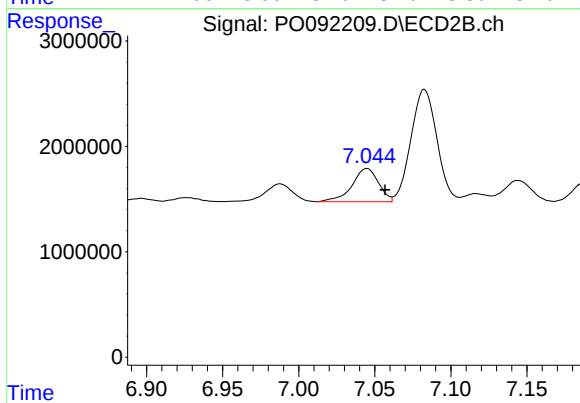
#33 AR-1260-3

R.T.: 6.569 min
Delta R.T.: -0.012 min
Response: 18752301
Conc: 262.19 ng/ml



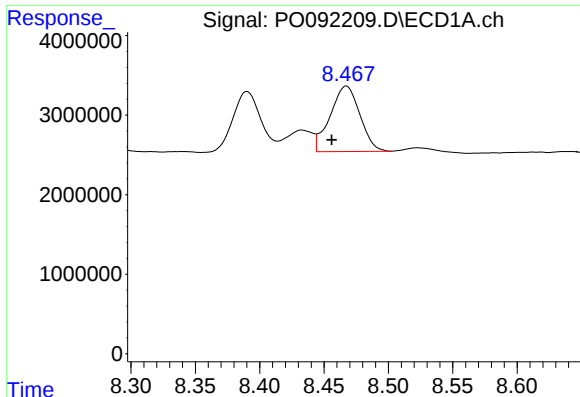
#34 AR-1260-4

R.T.: 8.117 min
Delta R.T.: -0.006 min
Response: 32540044
Conc: 281.84 ng/ml



#34 AR-1260-4

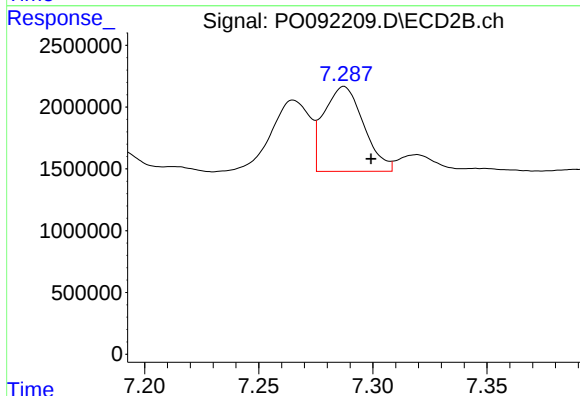
R.T.: 7.045 min
Delta R.T.: -0.012 min
Response: 3828170
Conc: 71.05 ng/ml



#35 AR-1260-5

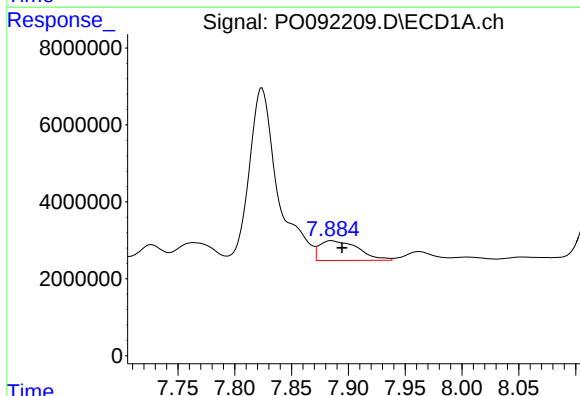
R.T.: 8.467 min
Delta R.T.: 0.011 min
Response: 13251978
Conc: 66.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



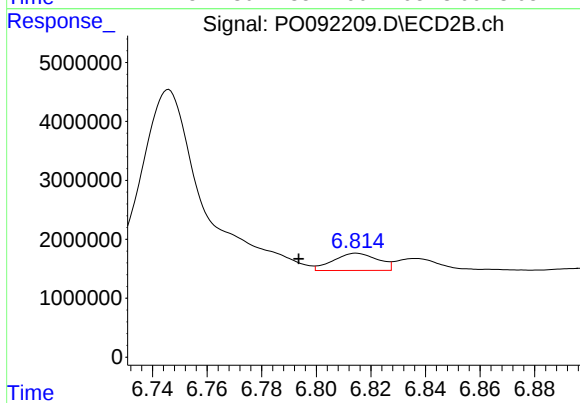
#35 AR-1260-5

R.T.: 7.287 min
Delta R.T.: -0.012 min
Response: 8344276
Conc: 74.36 ng/ml



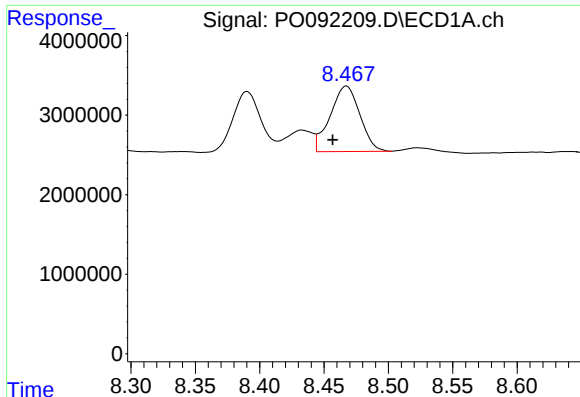
#36 AR-1262-1

R.T.: 7.885 min
Delta R.T.: -0.009 min
Response: 12177503
Conc: 94.47 ng/ml



#36 AR-1262-1

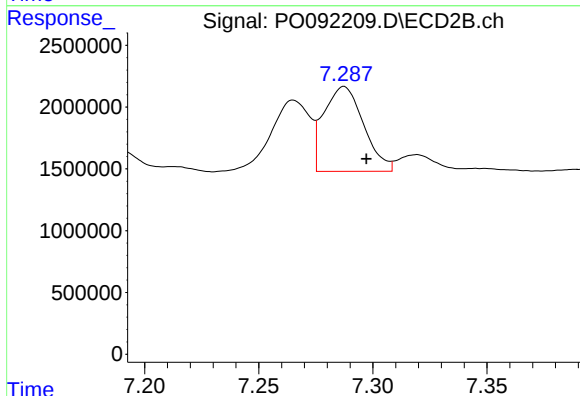
R.T.: 6.815 min
Delta R.T.: 0.021 min
Response: 3321964
Conc: 43.36 ng/ml



#37 AR-1262-2

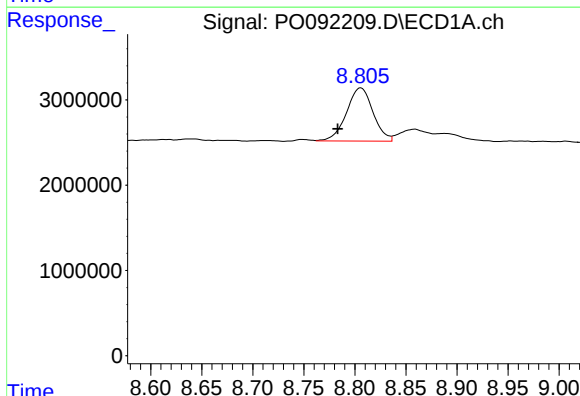
R.T.: 8.467 min
Delta R.T.: 0.011 min
Response: 13251978
Conc: 68.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



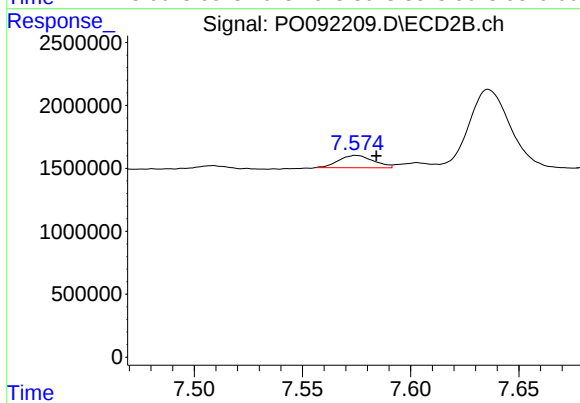
#37 AR-1262-2

R.T.: 7.287 min
Delta R.T.: -0.010 min
Response: 8344276
Conc: 72.07 ng/ml



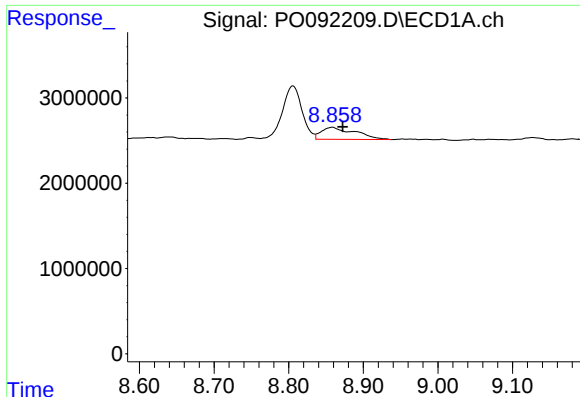
#38 AR-1262-3

R.T.: 8.806 min
Delta R.T.: 0.023 min
Response: 11278039
Conc: 79.96 ng/ml



#38 AR-1262-3

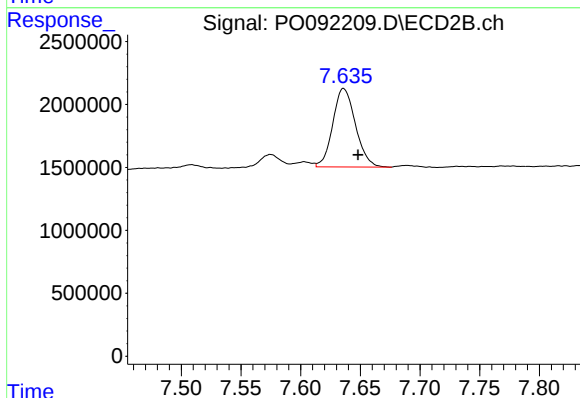
R.T.: 7.575 min
Delta R.T.: -0.009 min
Response: 1090465
Conc: 24.39 ng/ml



#39 AR-1262-4

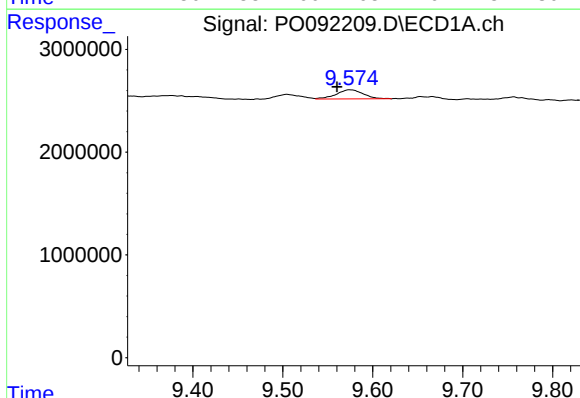
R.T.: 8.858 min
Delta R.T.: -0.014 min
Response: 4451298
Conc: 52.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



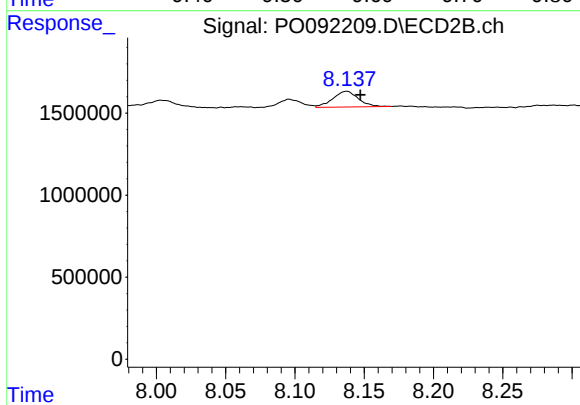
#39 AR-1262-4

R.T.: 7.636 min
Delta R.T.: -0.012 min
Response: 8257611
Conc: 99.44 ng/ml



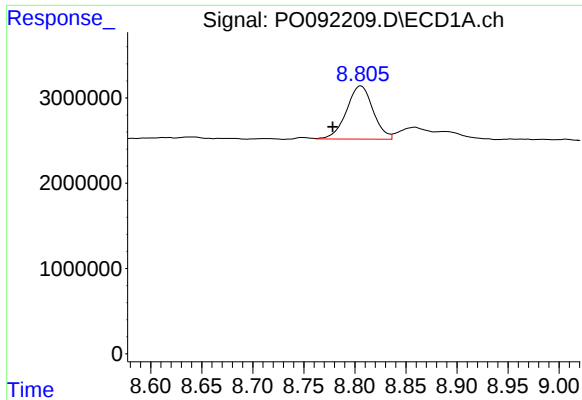
#40 AR-1262-5

R.T.: 9.575 min
Delta R.T.: 0.015 min
Response: 1848288
Conc: 25.76 ng/ml



#40 AR-1262-5

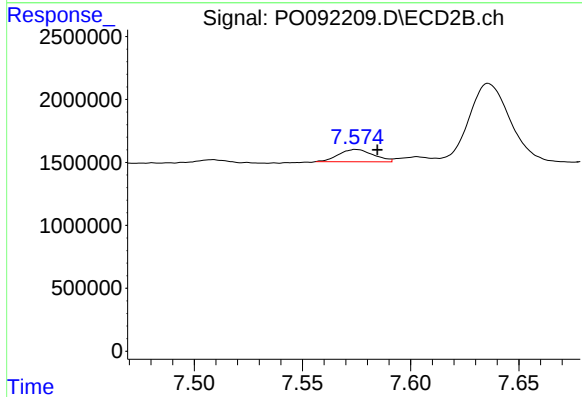
R.T.: 8.137 min
Delta R.T.: -0.010 min
Response: 1226414
Conc: 33.66 ng/ml



#41 AR-1268-1

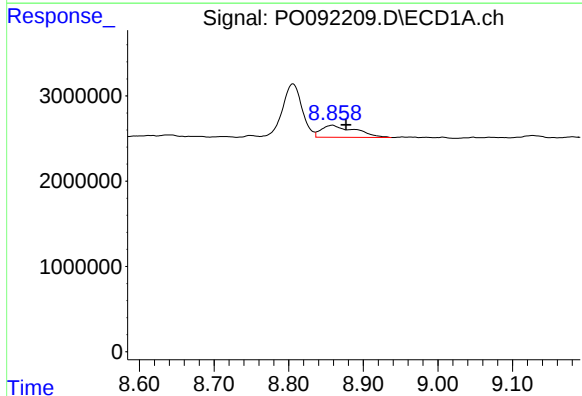
R.T.: 8.806 min
Delta R.T.: 0.028 min
Response: 11278039
Conc: 39.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



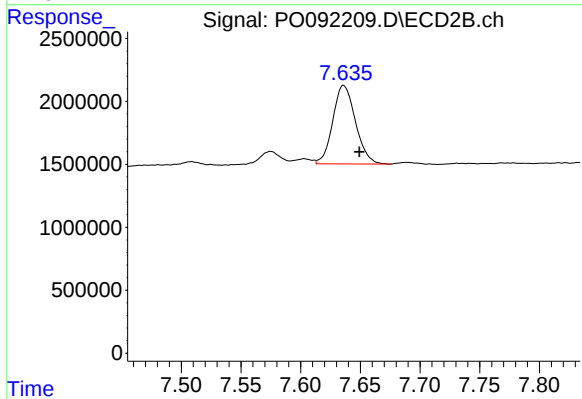
#41 AR-1268-1

R.T.: 7.575 min
Delta R.T.: -0.010 min
Response: 1090465
Conc: 7.15 ng/ml



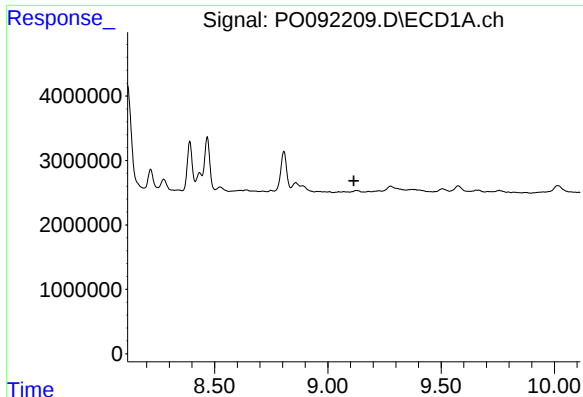
#42 AR-1268-2

R.T.: 8.858 min
Delta R.T.: -0.018 min
Response: 4451298
Conc: 15.31 ng/ml



#42 AR-1268-2

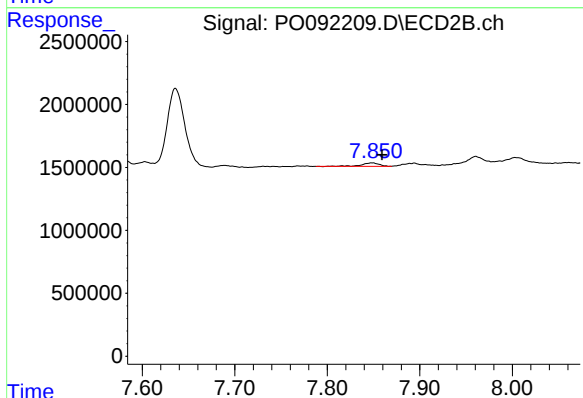
R.T.: 7.636 min
Delta R.T.: -0.013 min
Response: 8257611
Conc: 60.34 ng/ml



#43 AR-1268-3

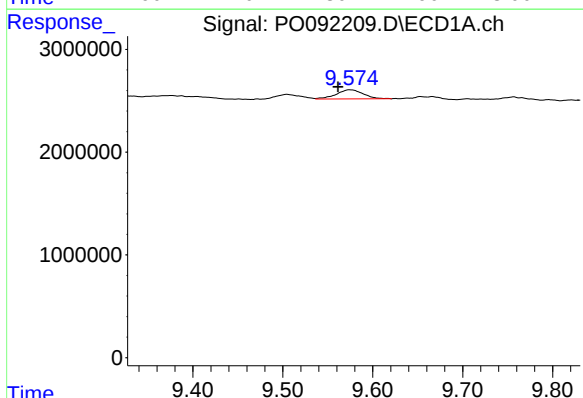
R.T.: 0.000 min
Exp R.T.: 9.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



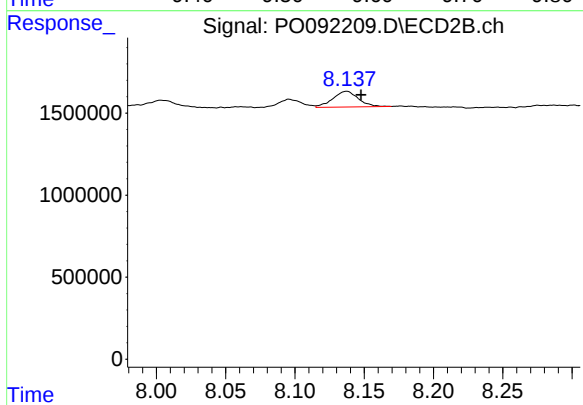
#43 AR-1268-3

R.T.: 7.849 min
Delta R.T.: -0.011 min
Response: 358160
Conc: 2.82 ng/ml



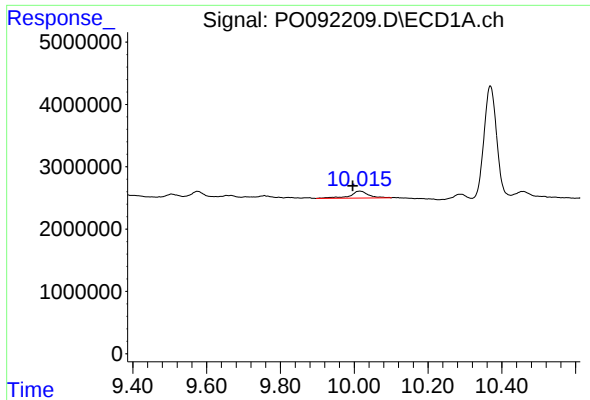
#44 AR-1268-4

R.T.: 9.575 min
Delta R.T.: 0.014 min
Response: 1848288
Conc: 20.53 ng/ml



#44 AR-1268-4

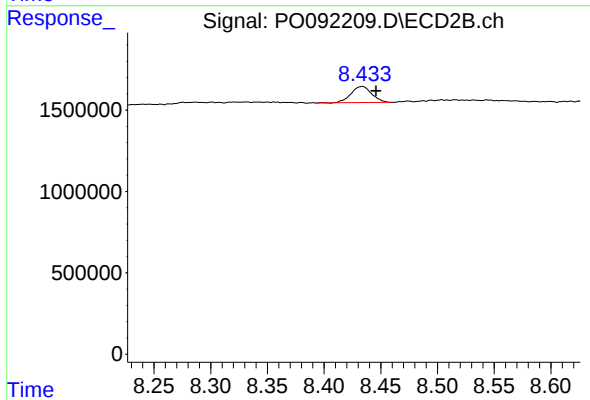
R.T.: 8.137 min
Delta R.T.: -0.010 min
Response: 1226414
Conc: 25.89 ng/ml



#45 AR-1268-5

R.T.: 10.015 min
Delta R.T.: 0.019 min
Response: 3868078
Conc: 5.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.434 min
Delta R.T.: -0.012 min
Response: 1254584
Conc: 3.37 ng/ml