

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0063022\
 Data File : P0087668.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2022 21:15
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 03:08:16 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	126.6E6	48435837	48.895	49.224
2)	SA Decachlor...	10.300	8.611	106.0E6	34488095	51.905	42.543
Target Compounds							
3)	L1 AR-1016-1	5.624	4.687	44443982	18576379	495.177	464.519
4)	L1 AR-1016-2	5.647	4.706	62804326	25676969	499.720	460.567
5)	L1 AR-1016-3	5.709	4.881	39443236	13958722	506.786	474.138
6)	L1 AR-1016-4	5.809	4.923	31541187	11340027	516.017	471.892
7)	L1 AR-1016-5	6.106	5.136	32090962	14850151	535.464	485.489
8)	L2 AR-1221-1	4.651	3.819	4535200	1840785	147.435	156.745
9)	L2 AR-1221-2	4.744	3.905	6555692	2619763	289.218	294.661
10)	L2 AR-1221-3	4.820	3.980	24391530	9710989	348.749	347.143
11)	L3 AR-1232-1	4.820	3.980	24391530	9710989	372.621	374.090
12)	L3 AR-1232-2	5.160	4.706	34332886	25676969	1063.244	1053.014
13)	L3 AR-1232-3	5.647	4.881	62804326	13958722	1041.424	1123.973
14)	L3 AR-1232-4	5.809	4.965	31541187	13931519	1077.244	1228.715
15)	L3 AR-1232-5	5.900	5.136	29230648	14850151	1185.387	1183.389
16)	L4 AR-1242-1	5.624	4.687	44443982	18576379	612.910	650.882
17)	L4 AR-1242-2	5.647	4.706	62804326	25676969	615.106	658.223
18)	L4 AR-1242-3	5.709	4.881	39443236	13958722	614.154	669.677
19)	L4 AR-1242-4	5.809	4.965	31541187	13931519	619.568	659.422
20)	L4 AR-1242-5	6.551	5.488	4991061	11456240	94.005	438.266 #
21)	L5 AR-1248-1	5.624	4.687	44443982	18576379	774.180	800.493
22)	L5 AR-1248-2	5.900	4.923	29230648	11340027	350.605	360.800
23)	L5 AR-1248-3	6.106	4.965	32090962	13931519	358.189	429.215
24)	L5 AR-1248-4	6.511	5.136	4988448	14850151	50.714	384.923 #
25)	L5 AR-1248-5	6.551	5.529	4991061	1893895	51.923	51.956
26)	L6 AR-1254-1	6.486	5.488	24219176	11456240	241.616	207.243
27)	L6 AR-1254-2	6.705	5.636	26002524	10863500	170.394	222.061 #
28)	L6 AR-1254-3	7.074	6.054	14073279	18931056	92.399	249.477 #
29)	L6 AR-1254-4	7.361	6.268	8977763	2160852	81.560	47.597 #
30)	L6 AR-1254-5	7.781	6.685	78291819	34783280	652.269	544.086
31)	L7 AR-1260-1	7.239	6.170	57083245	26394068	509.203	467.523
32)	L7 AR-1260-2	7.497	6.357	66238016	31062525	486.058	459.124
33)	L7 AR-1260-3	7.859	6.511	46331156	28910823	494.632	457.674
34)	L7 AR-1260-4	8.086	6.983	53912932	21358812	515.379	459.285
35)	L7 AR-1260-5	8.414	7.225	102.0E6	47916217	516.887	444.515
36)	L8 AR-1262-1	7.859	6.777	46331156	12022475	323.721	458.023 #
37)	L8 AR-1262-2	8.414	7.225	102.0E6	47916217	405.644	451.405
38)	L8 AR-1262-3	8.750	7.509	67758574	9510890	374.623	231.873 #
39)	L8 AR-1262-4	8.810	7.571	40588750	32940590	469.729	440.321
40)	L8 AR-1262-5	9.511	8.066	28199094	10198252	294.355	304.029
41)	L9 AR-1268-1	8.750	7.509	67758574	9510890	230.983	82.620 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0063022\
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Acq On : 30 Jun 2022 21:15
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

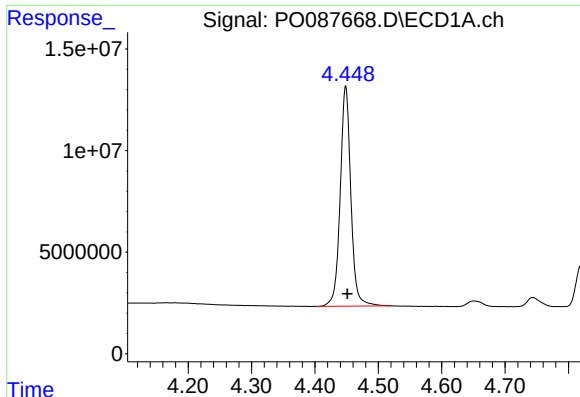
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 03:08:16 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062722.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 28 02:46:21 2022
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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	8.810	7.571	40588750	32940590	150.840	320.873 #
43)	L9 AR-1268-3	9.069	7.780	1691003	754342	7.235	8.911
44)	L9 AR-1268-4	9.511	8.066	28199094	10198252	275.841	287.481
45)	L9 AR-1268-5	9.944	8.357	9145952	2995737	12.113	11.962

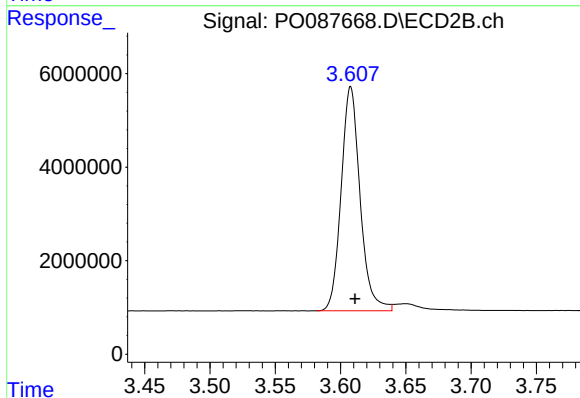
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

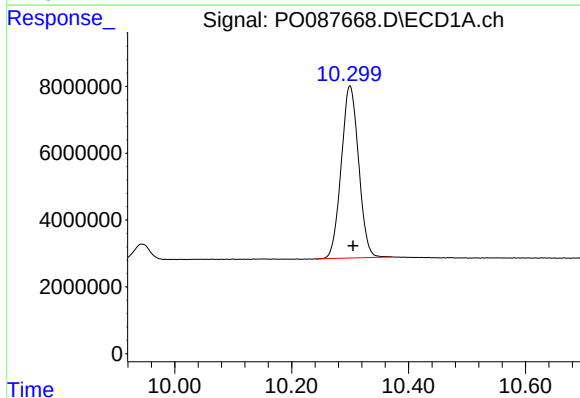
R.T.: 4.449 min
Delta R.T.: -0.002 min
Response: 126557326
Conc: 48.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



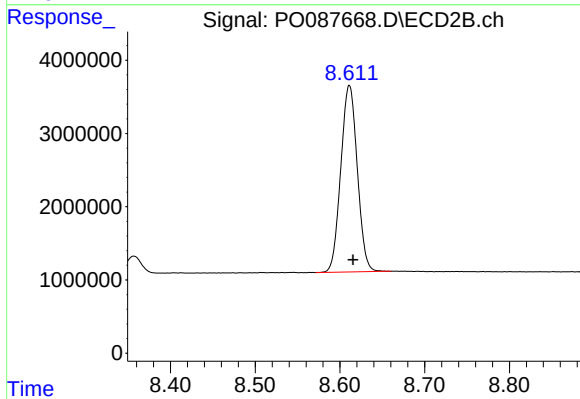
#1 Tetrachloro-m-xylene

R.T.: 3.608 min
Delta R.T.: -0.003 min
Response: 48435837
Conc: 49.22 ng/ml



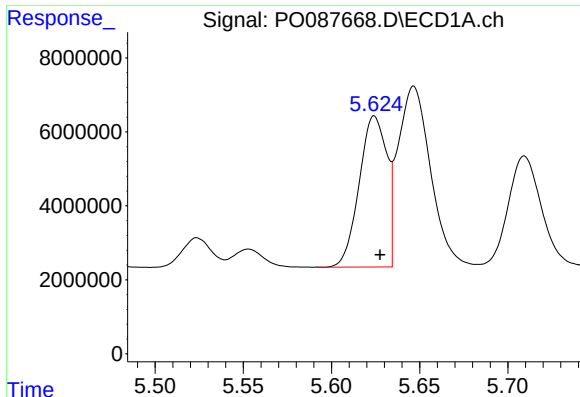
#2 Decachlorobiphenyl

R.T.: 10.300 min
Delta R.T.: -0.006 min
Response: 106023715
Conc: 51.90 ng/ml



#2 Decachlorobiphenyl

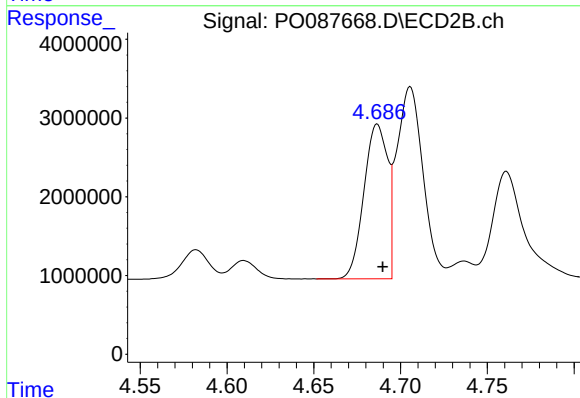
R.T.: 8.611 min
Delta R.T.: -0.004 min
Response: 34488095
Conc: 42.54 ng/ml



#3 AR-1016-1

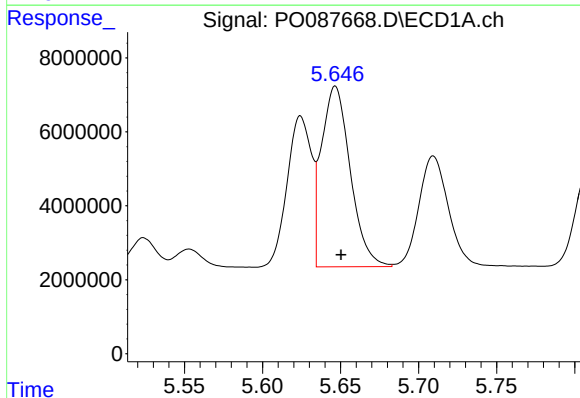
R.T.: 5.624 min
Delta R.T.: -0.003 min
Response: 44443982
Conc: 495.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



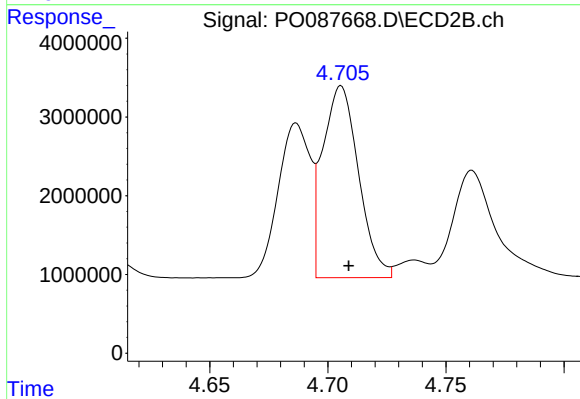
#3 AR-1016-1

R.T.: 4.687 min
Delta R.T.: -0.003 min
Response: 18576379
Conc: 464.52 ng/ml



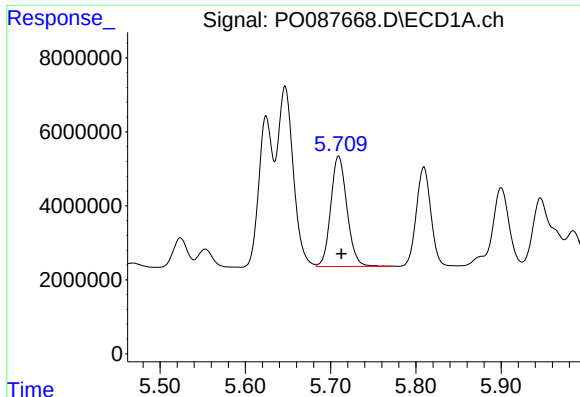
#4 AR-1016-2

R.T.: 5.647 min
Delta R.T.: -0.004 min
Response: 62804326
Conc: 499.72 ng/ml



#4 AR-1016-2

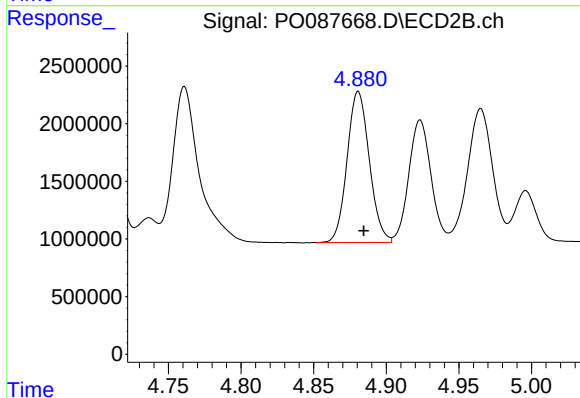
R.T.: 4.706 min
Delta R.T.: -0.003 min
Response: 25676969
Conc: 460.57 ng/ml



#5 AR-1016-3

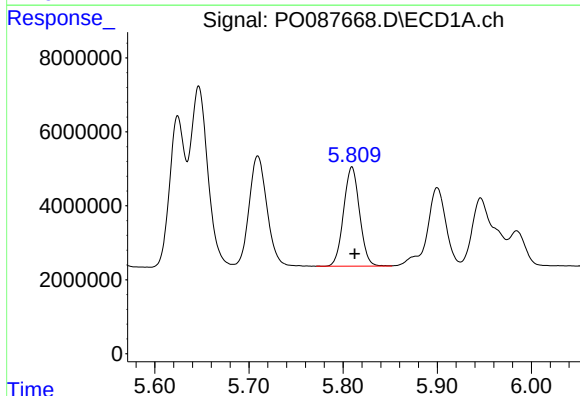
R.T.: 5.709 min
Delta R.T.: -0.003 min
Response: 39443236
Conc: 506.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



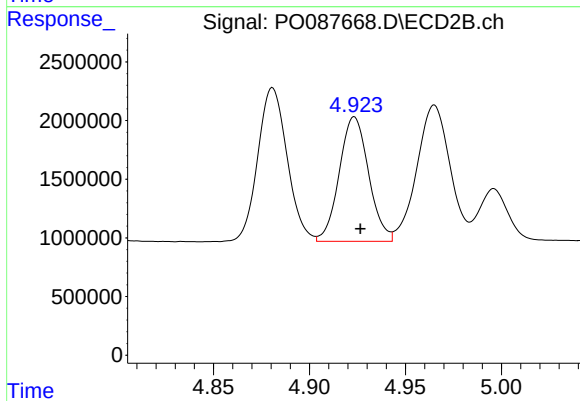
#5 AR-1016-3

R.T.: 4.881 min
Delta R.T.: -0.004 min
Response: 13958722
Conc: 474.14 ng/ml



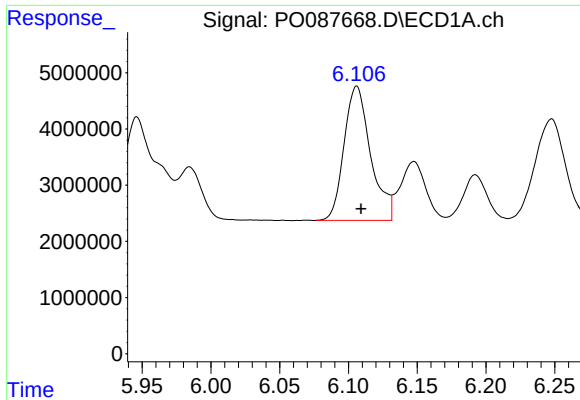
#6 AR-1016-4

R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 31541187
Conc: 516.02 ng/ml



#6 AR-1016-4

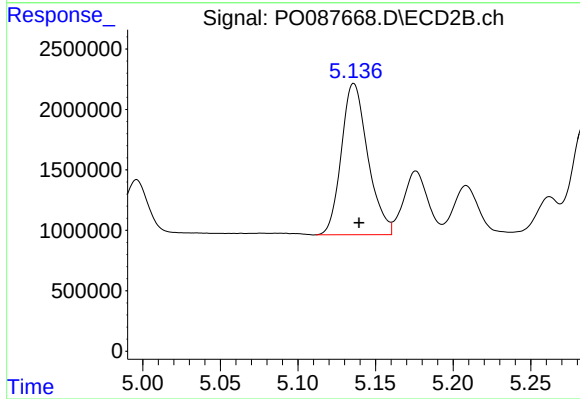
R.T.: 4.923 min
Delta R.T.: -0.003 min
Response: 11340027
Conc: 471.89 ng/ml



#7 AR-1016-5

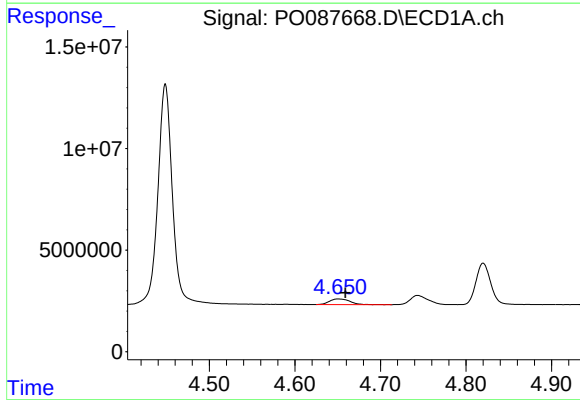
R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 32090962
Conc: 535.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



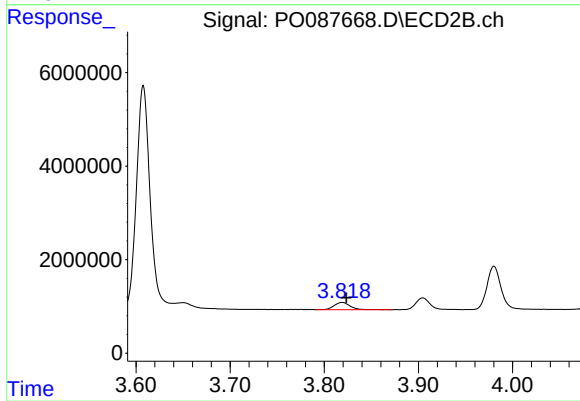
#7 AR-1016-5

R.T.: 5.136 min
Delta R.T.: -0.003 min
Response: 14850151
Conc: 485.49 ng/ml



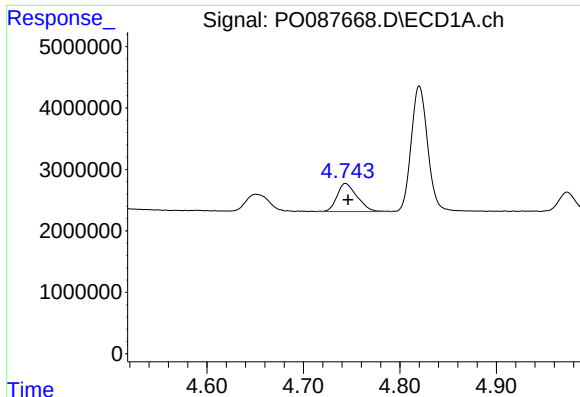
#8 AR-1221-1

R.T.: 4.651 min
Delta R.T.: -0.009 min
Response: 4535200
Conc: 147.43 ng/ml



#8 AR-1221-1

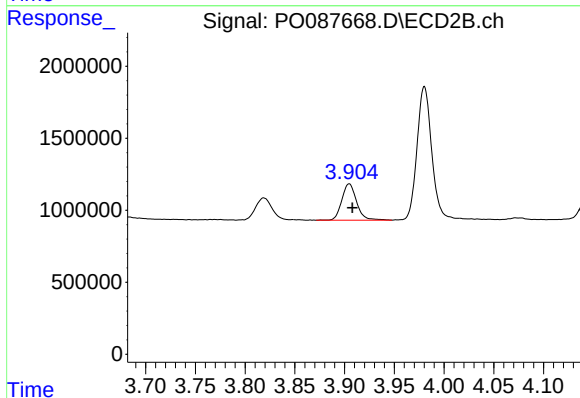
R.T.: 3.819 min
Delta R.T.: -0.005 min
Response: 1840785
Conc: 156.75 ng/ml



#9 AR-1221-2

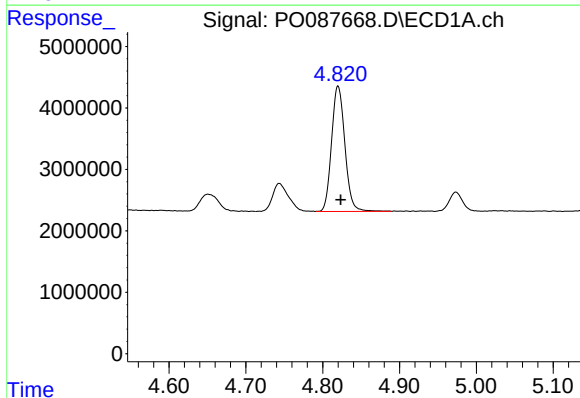
R.T.: 4.744 min
Delta R.T.: -0.002 min
Response: 6555692
Conc: 289.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



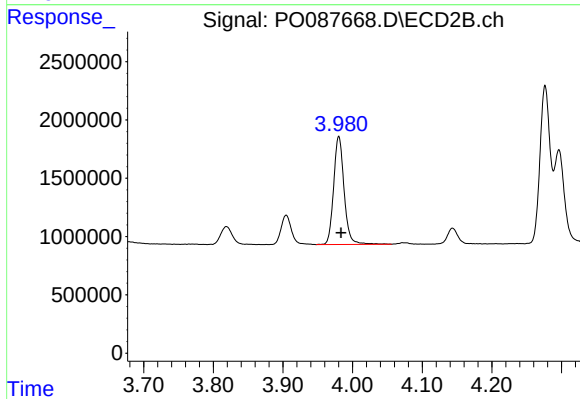
#9 AR-1221-2

R.T.: 3.905 min
Delta R.T.: -0.003 min
Response: 2619763
Conc: 294.66 ng/ml



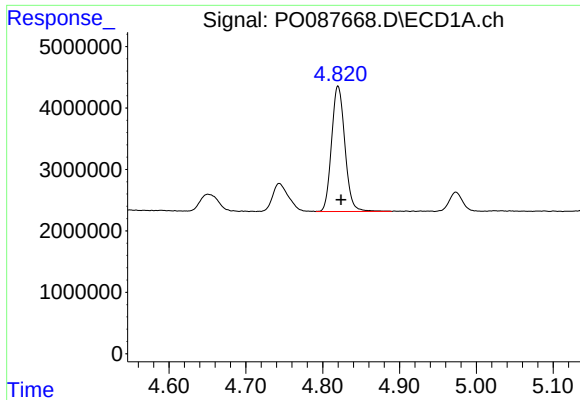
#10 AR-1221-3

R.T.: 4.820 min
Delta R.T.: -0.003 min
Response: 24391530
Conc: 348.75 ng/ml



#10 AR-1221-3

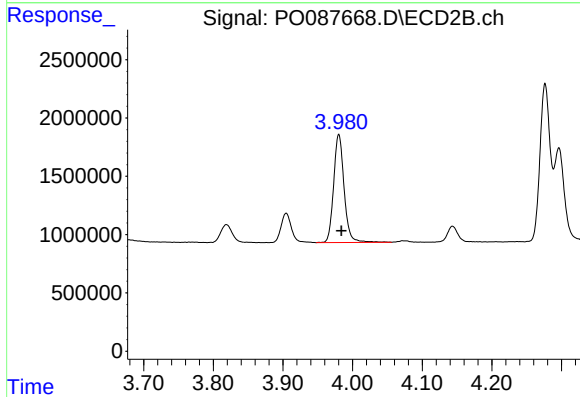
R.T.: 3.980 min
Delta R.T.: -0.003 min
Response: 9710989
Conc: 347.14 ng/ml



#11 AR-1232-1

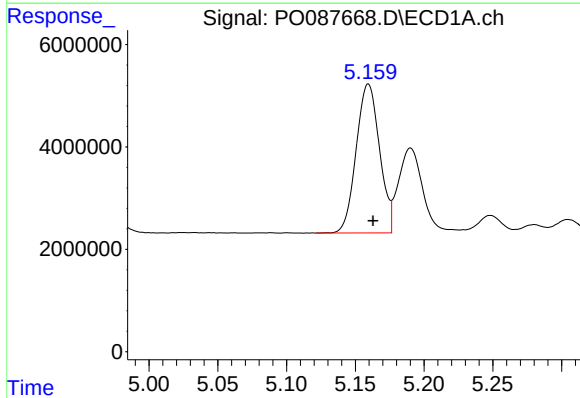
R.T.: 4.820 min
Delta R.T.: -0.004 min
Response: 24391530
Conc: 372.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



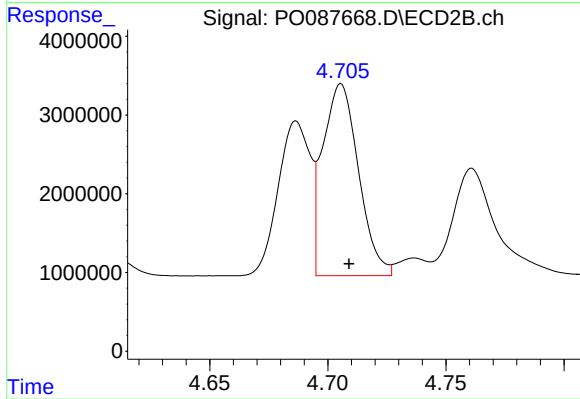
#11 AR-1232-1

R.T.: 3.980 min
Delta R.T.: -0.004 min
Response: 9710989
Conc: 374.09 ng/ml



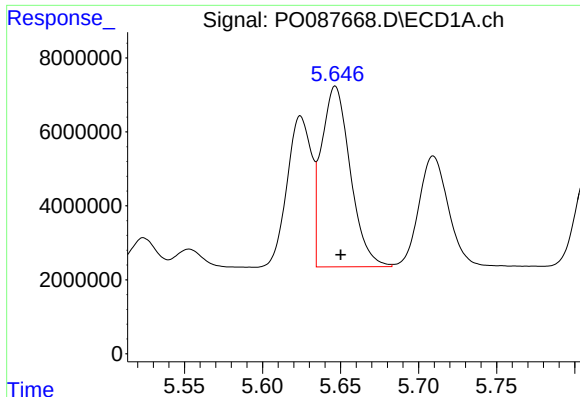
#12 AR-1232-2

R.T.: 5.160 min
Delta R.T.: -0.003 min
Response: 34332886
Conc: 1063.24 ng/ml



#12 AR-1232-2

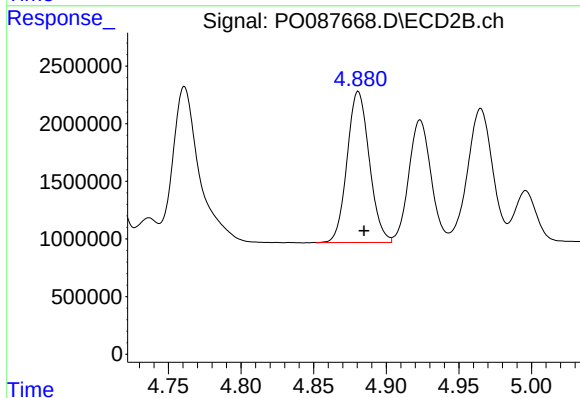
R.T.: 4.706 min
Delta R.T.: -0.003 min
Response: 25676969
Conc: 1053.01 ng/ml



#13 AR-1232-3

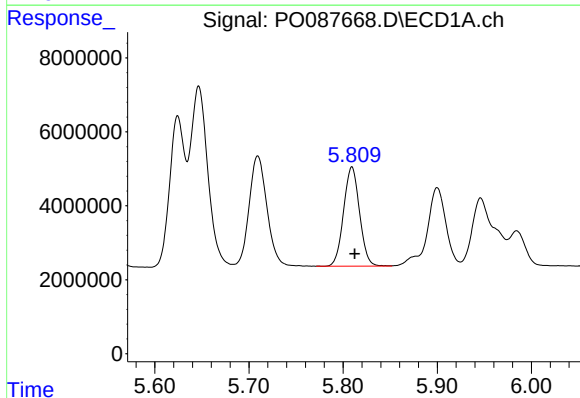
R.T.: 5.647 min
Delta R.T.: -0.003 min
Response: 62804326
Conc: 1041.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



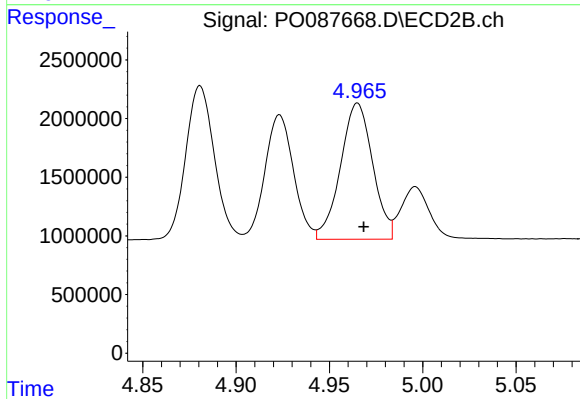
#13 AR-1232-3

R.T.: 4.881 min
Delta R.T.: -0.004 min
Response: 13958722
Conc: 1123.97 ng/ml



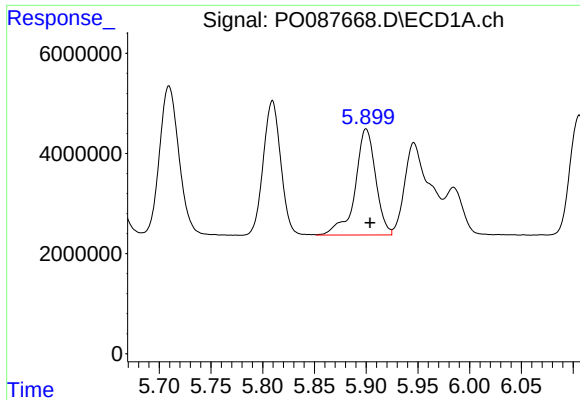
#14 AR-1232-4

R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 31541187
Conc: 1077.24 ng/ml



#14 AR-1232-4

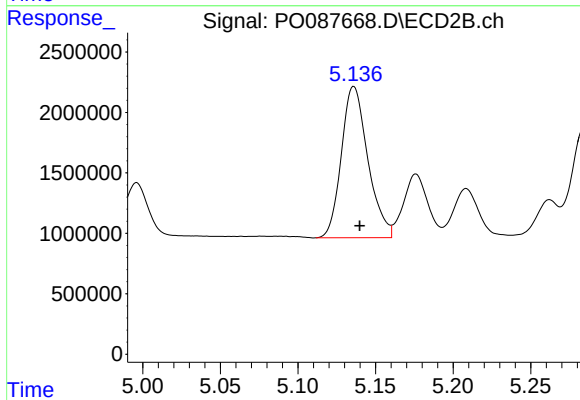
R.T.: 4.965 min
Delta R.T.: -0.003 min
Response: 13931519
Conc: 1228.71 ng/ml



#15 AR-1232-5

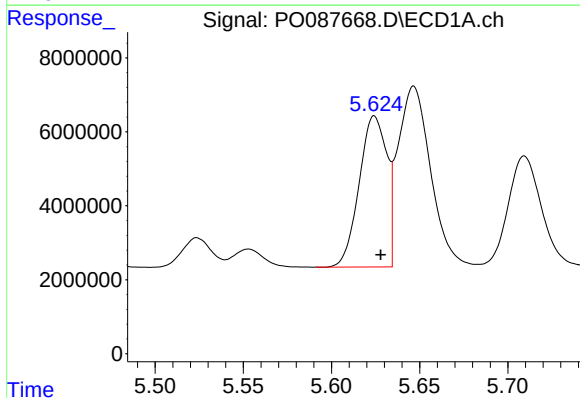
R.T.: 5.900 min
Delta R.T.: -0.004 min
Response: 29230648
Conc: 1185.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



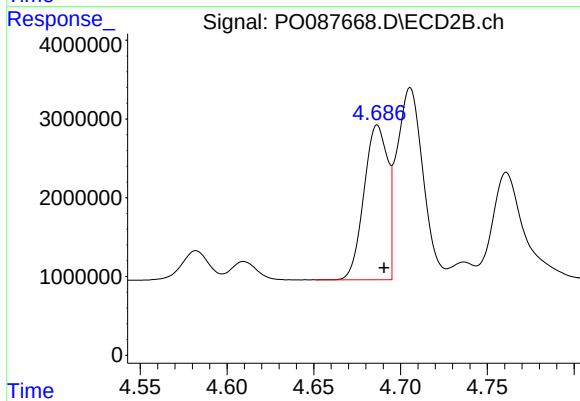
#15 AR-1232-5

R.T.: 5.136 min
Delta R.T.: -0.004 min
Response: 14850151
Conc: 1183.39 ng/ml



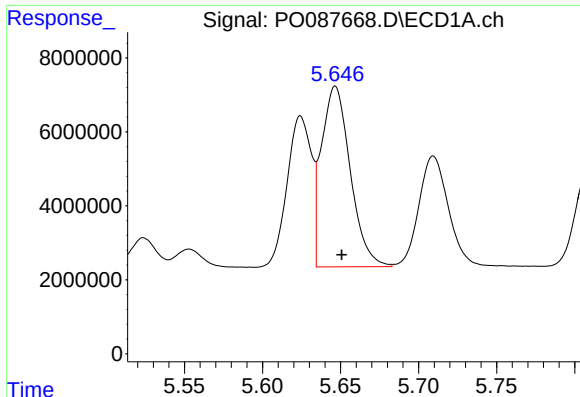
#16 AR-1242-1

R.T.: 5.624 min
Delta R.T.: -0.004 min
Response: 44443982
Conc: 612.91 ng/ml



#16 AR-1242-1

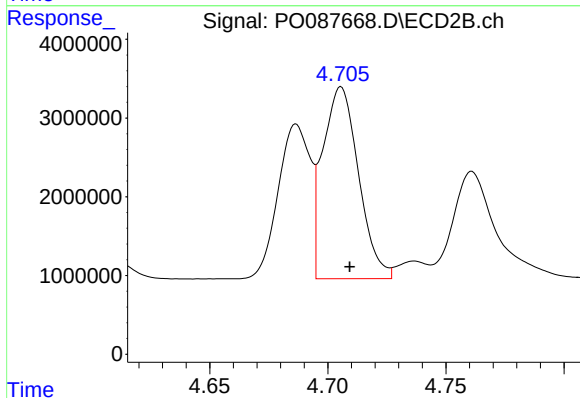
R.T.: 4.687 min
Delta R.T.: -0.004 min
Response: 18576379
Conc: 650.88 ng/ml



#17 AR-1242-2

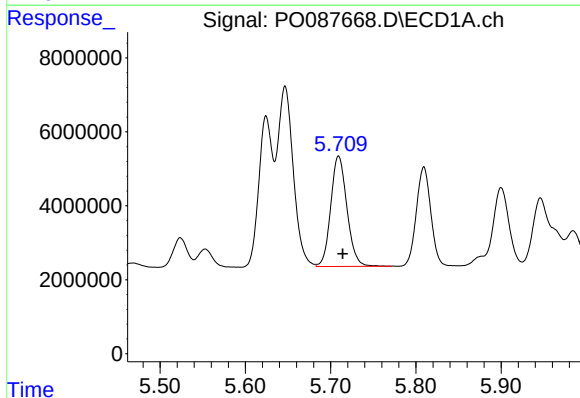
R.T.: 5.647 min
Delta R.T.: -0.004 min
Response: 62804326
Conc: 615.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



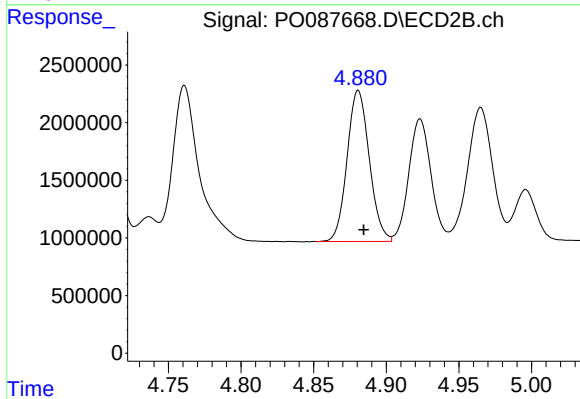
#17 AR-1242-2

R.T.: 4.706 min
Delta R.T.: -0.004 min
Response: 25676969
Conc: 658.22 ng/ml



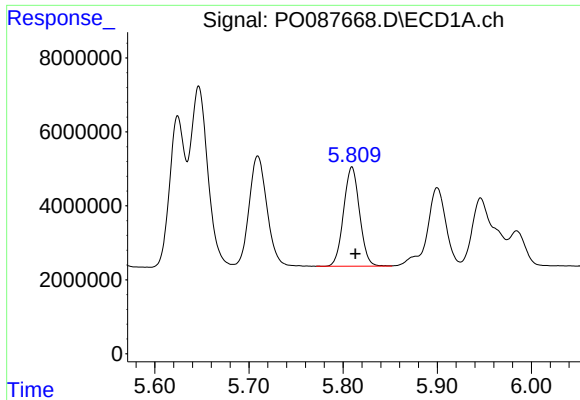
#18 AR-1242-3

R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 39443236
Conc: 614.15 ng/ml



#18 AR-1242-3

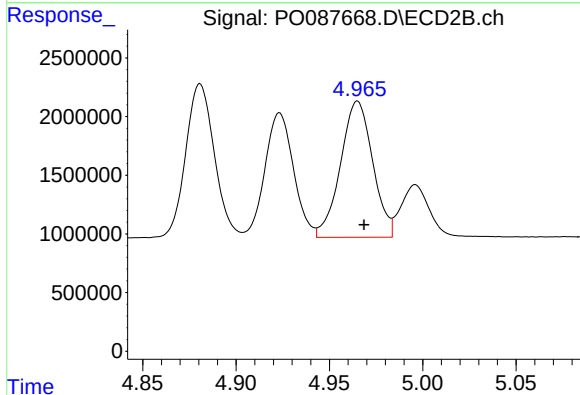
R.T.: 4.881 min
Delta R.T.: -0.004 min
Response: 13958722
Conc: 669.68 ng/ml



#19 AR-1242-4

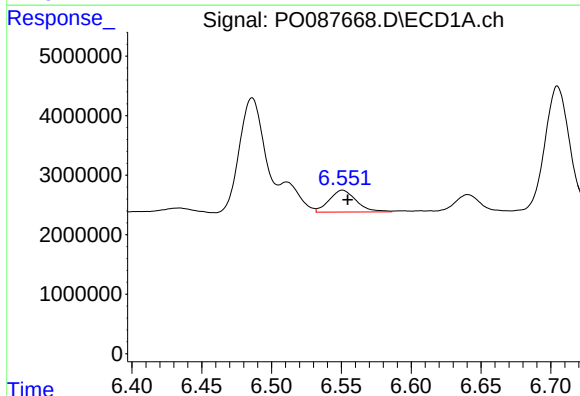
R.T.: 5.809 min
Delta R.T.: -0.004 min
Response: 31541187
Conc: 619.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



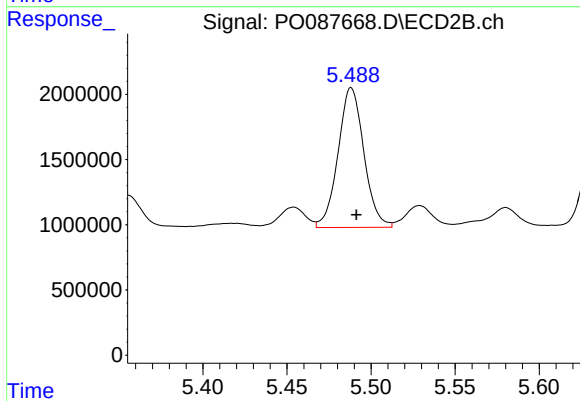
#19 AR-1242-4

R.T.: 4.965 min
Delta R.T.: -0.003 min
Response: 13931519
Conc: 659.42 ng/ml



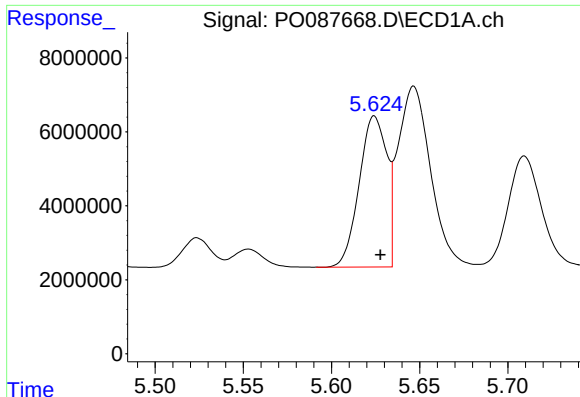
#20 AR-1242-5

R.T.: 6.551 min
Delta R.T.: -0.004 min
Response: 4991061
Conc: 94.01 ng/ml



#20 AR-1242-5

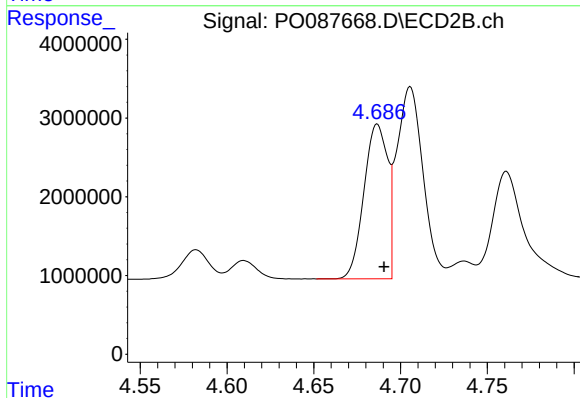
R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 11456240
Conc: 438.27 ng/ml



#21 AR-1248-1

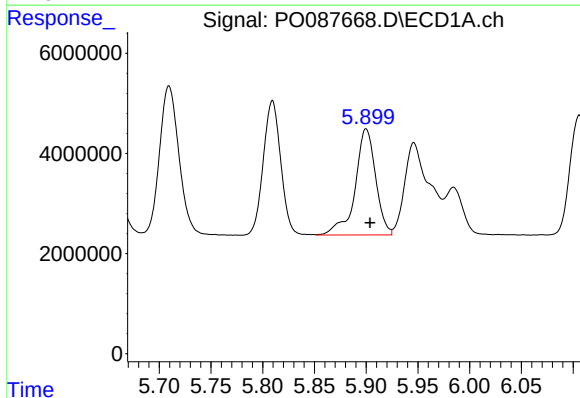
R.T.: 5.624 min
Delta R.T.: -0.003 min
Response: 44443982
Conc: 774.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



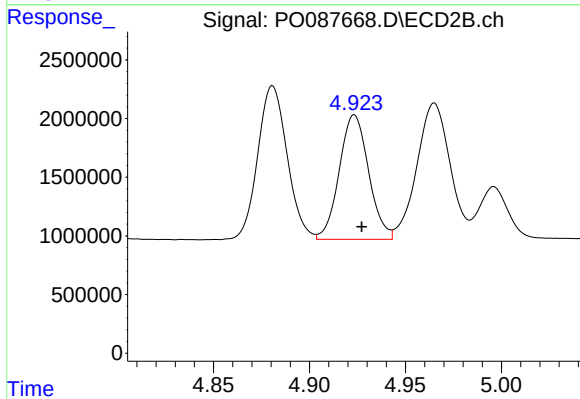
#21 AR-1248-1

R.T.: 4.687 min
Delta R.T.: -0.004 min
Response: 18576379
Conc: 800.49 ng/ml



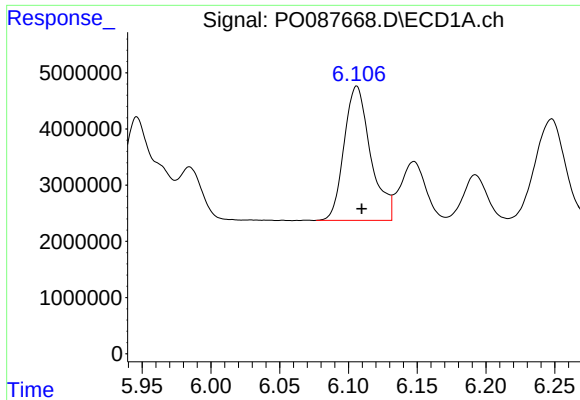
#22 AR-1248-2

R.T.: 5.900 min
Delta R.T.: -0.004 min
Response: 29230648
Conc: 350.61 ng/ml



#22 AR-1248-2

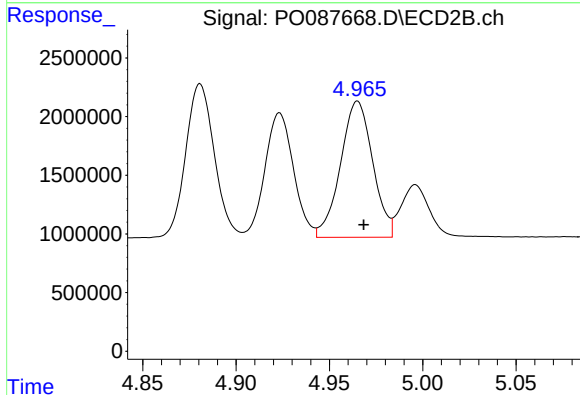
R.T.: 4.923 min
Delta R.T.: -0.004 min
Response: 11340027
Conc: 360.80 ng/ml



#23 AR-1248-3

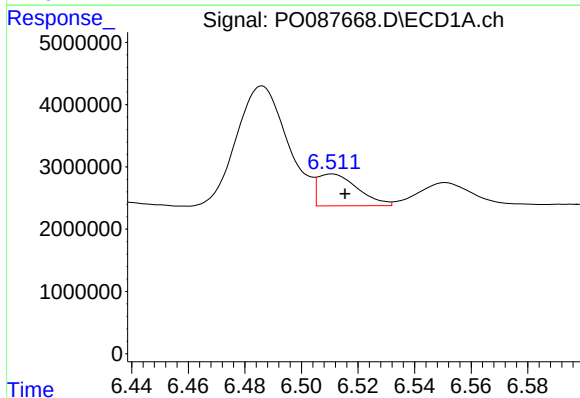
R.T.: 6.106 min
Delta R.T.: -0.004 min
Response: 32090962
Conc: 358.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



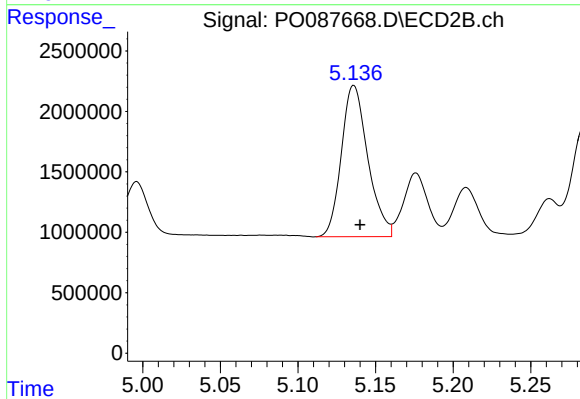
#23 AR-1248-3

R.T.: 4.965 min
Delta R.T.: -0.003 min
Response: 13931519
Conc: 429.22 ng/ml



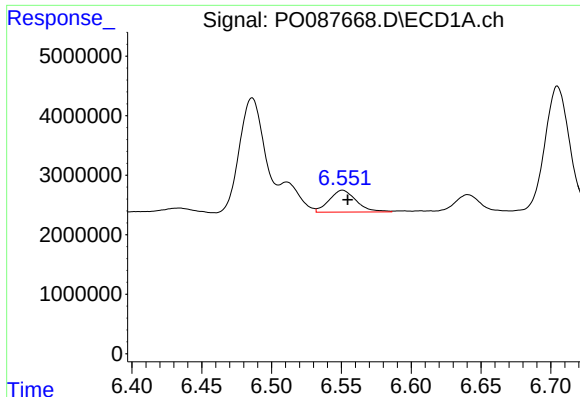
#24 AR-1248-4

R.T.: 6.511 min
Delta R.T.: -0.005 min
Response: 4988448
Conc: 50.71 ng/ml



#24 AR-1248-4

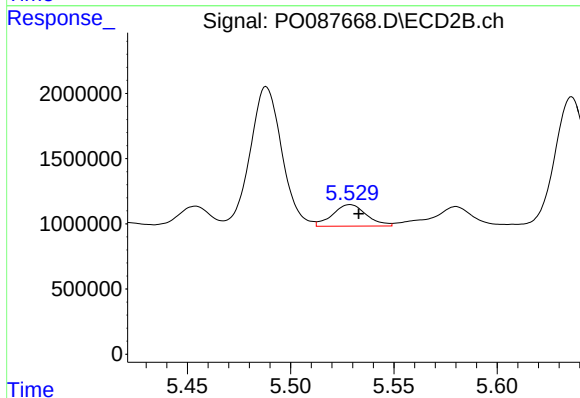
R.T.: 5.136 min
Delta R.T.: -0.004 min
Response: 14850151
Conc: 384.92 ng/ml



#25 AR-1248-5

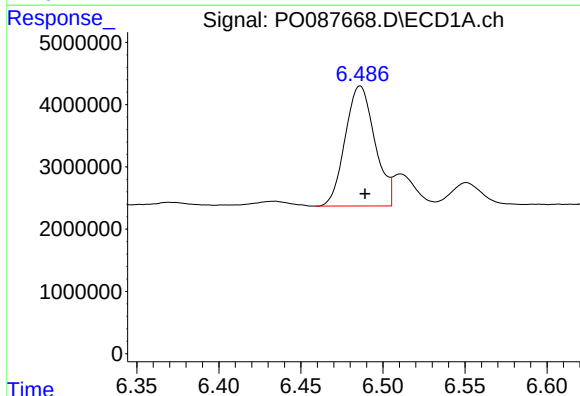
R.T.: 6.551 min
Delta R.T.: -0.004 min
Response: 4991061
Conc: 51.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



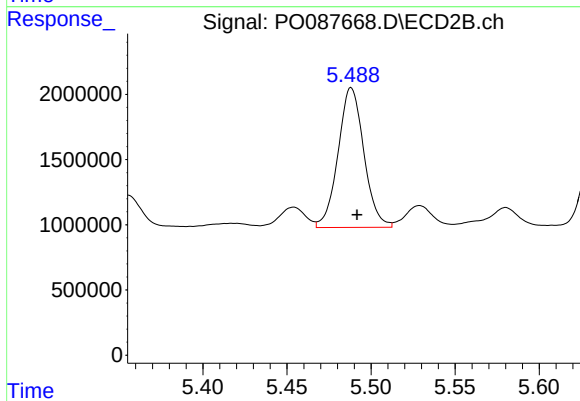
#25 AR-1248-5

R.T.: 5.529 min
Delta R.T.: -0.004 min
Response: 1893895
Conc: 51.96 ng/ml



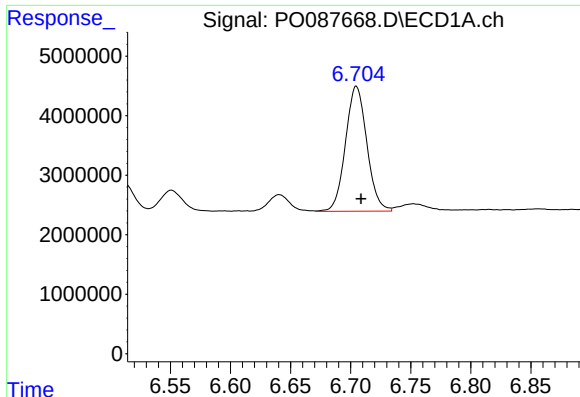
#26 AR-1254-1

R.T.: 6.486 min
Delta R.T.: -0.003 min
Response: 24219176
Conc: 241.62 ng/ml



#26 AR-1254-1

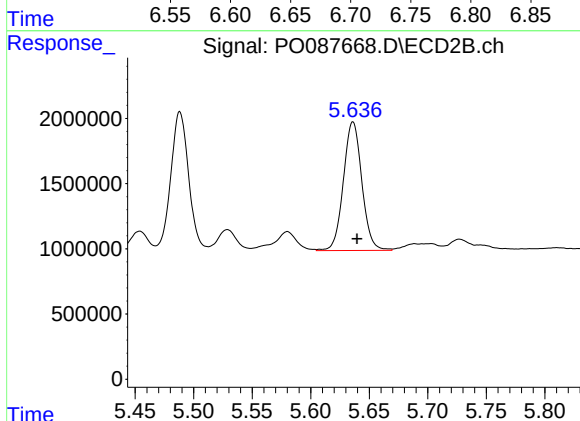
R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 11456240
Conc: 207.24 ng/ml



#27 AR-1254-2

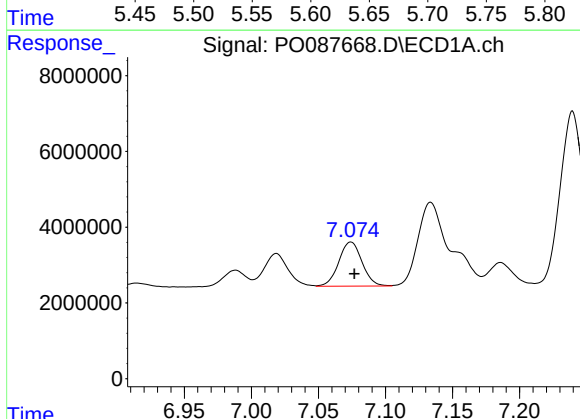
R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 26002524
Conc: 170.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



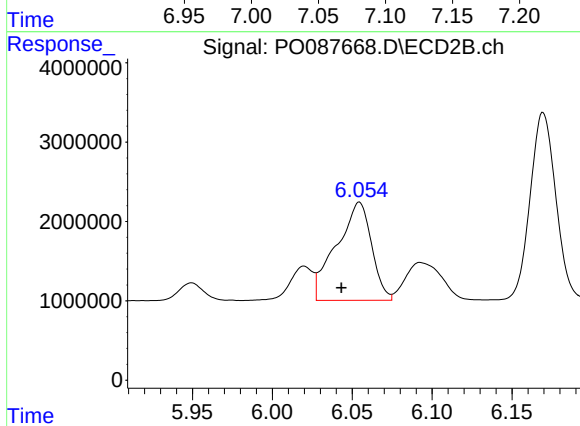
#27 AR-1254-2

R.T.: 5.636 min
Delta R.T.: -0.003 min
Response: 10863500
Conc: 222.06 ng/ml



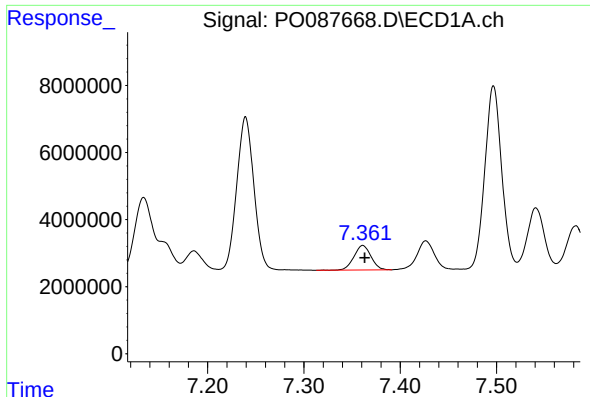
#28 AR-1254-3

R.T.: 7.074 min
Delta R.T.: -0.003 min
Response: 14073279
Conc: 92.40 ng/ml



#28 AR-1254-3

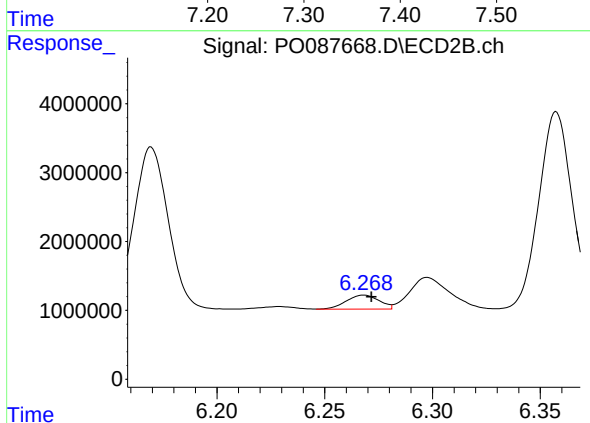
R.T.: 6.054 min
Delta R.T.: 0.011 min
Response: 18931056
Conc: 249.48 ng/ml



#29 AR-1254-4

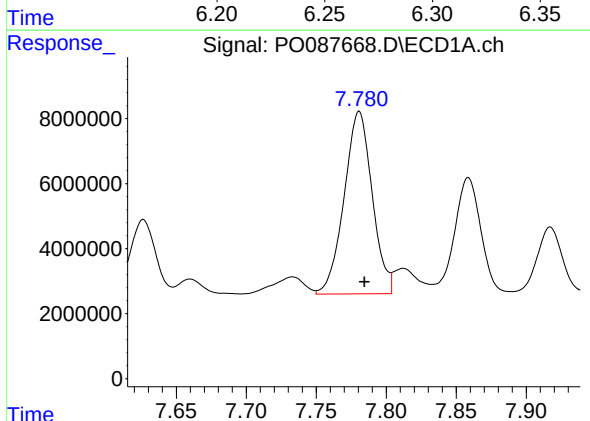
R.T.: 7.361 min
Delta R.T.: -0.002 min
Response: 8977763
Conc: 81.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



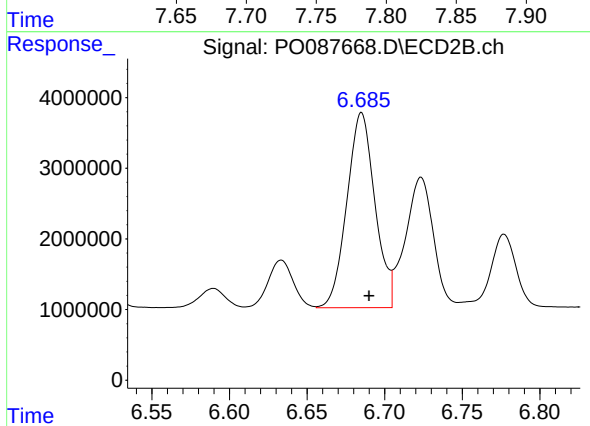
#29 AR-1254-4

R.T.: 6.268 min
Delta R.T.: -0.003 min
Response: 2160852
Conc: 47.60 ng/ml



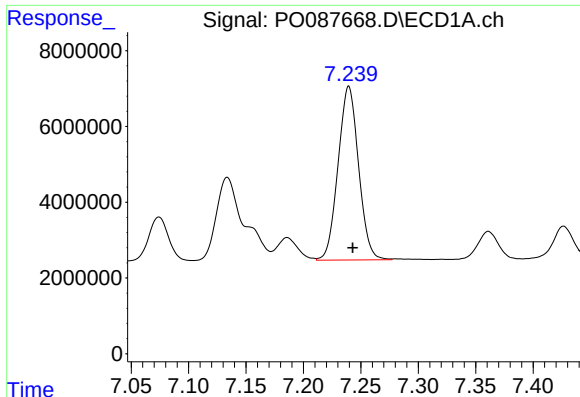
#30 AR-1254-5

R.T.: 7.781 min
Delta R.T.: -0.004 min
Response: 78291819
Conc: 652.27 ng/ml



#30 AR-1254-5

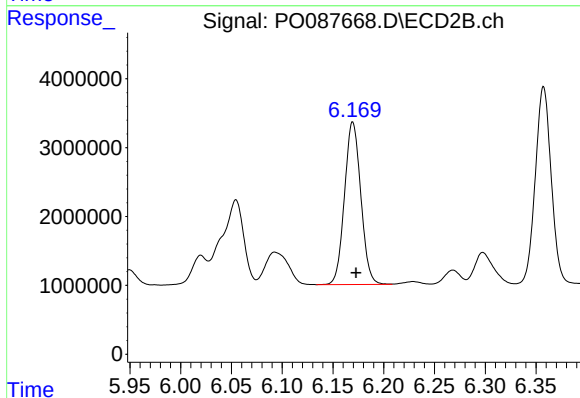
R.T.: 6.685 min
Delta R.T.: -0.005 min
Response: 34783280
Conc: 544.09 ng/ml



#31 AR-1260-1

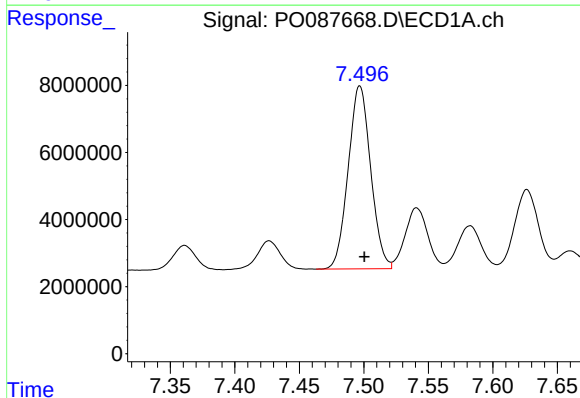
R.T.: 7.239 min
Delta R.T.: -0.003 min
Response: 57083245
Conc: 509.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



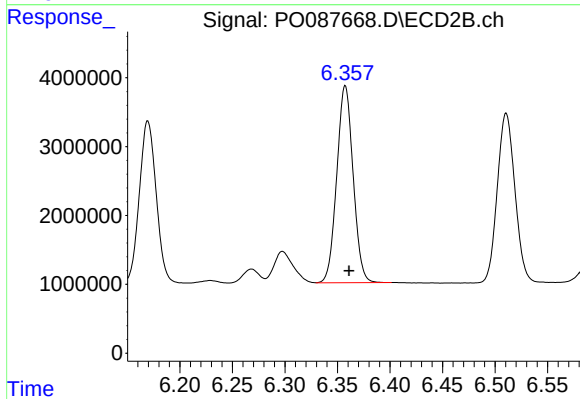
#31 AR-1260-1

R.T.: 6.170 min
Delta R.T.: -0.003 min
Response: 26394068
Conc: 467.52 ng/ml



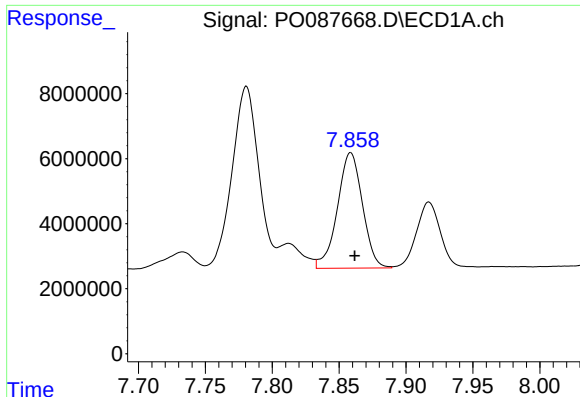
#32 AR-1260-2

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 66238016
Conc: 486.06 ng/ml



#32 AR-1260-2

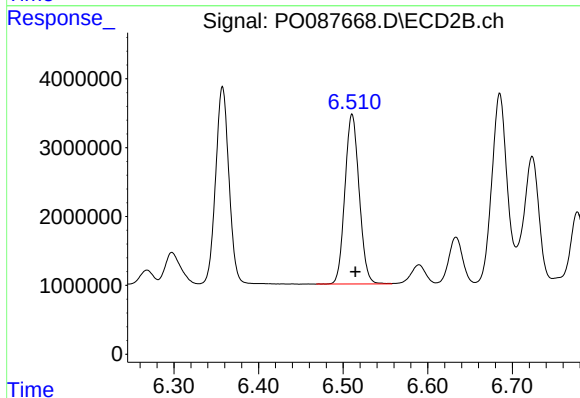
R.T.: 6.357 min
Delta R.T.: -0.004 min
Response: 31062525
Conc: 459.12 ng/ml



#33 AR-1260-3

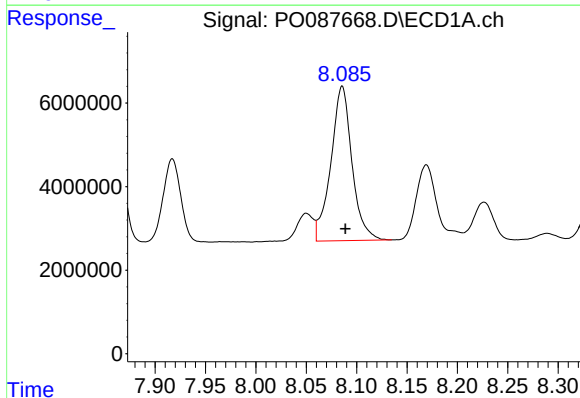
R.T.: 7.859 min
Delta R.T.: -0.003 min
Response: 46331156
Conc: 494.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



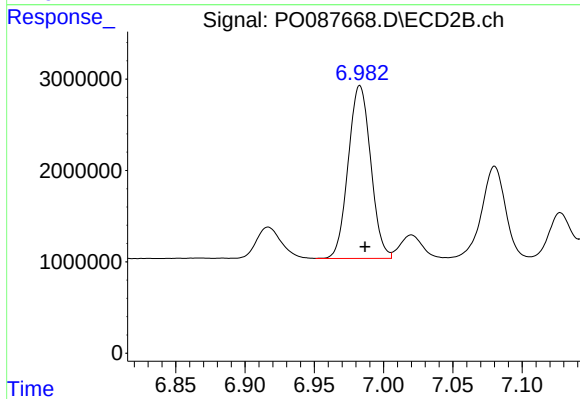
#33 AR-1260-3

R.T.: 6.511 min
Delta R.T.: -0.004 min
Response: 28910823
Conc: 457.67 ng/ml



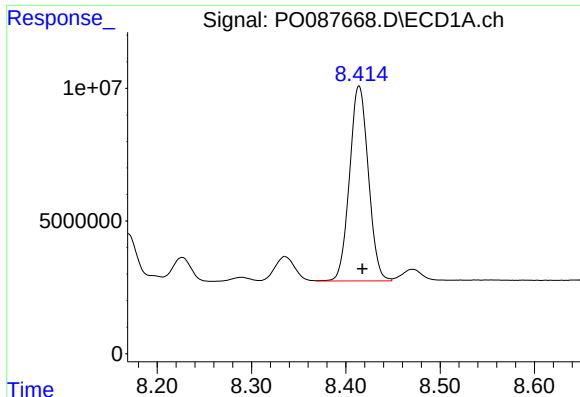
#34 AR-1260-4

R.T.: 8.086 min
Delta R.T.: -0.003 min
Response: 53912932
Conc: 515.38 ng/ml



#34 AR-1260-4

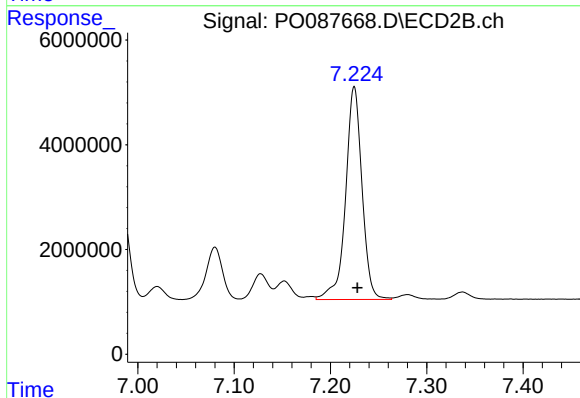
R.T.: 6.983 min
Delta R.T.: -0.004 min
Response: 21358812
Conc: 459.29 ng/ml



#35 AR-1260-5

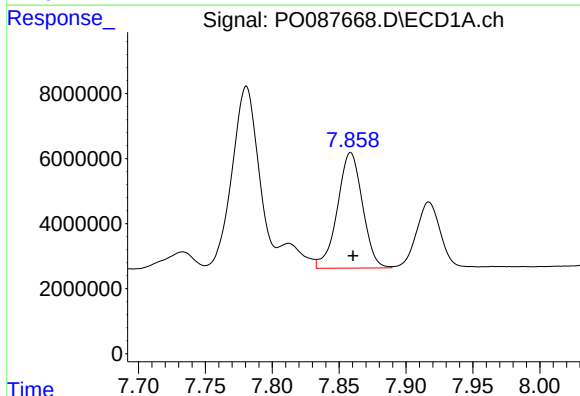
R.T.: 8.414 min
Delta R.T.: -0.004 min
Response: 101963584
Conc: 516.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



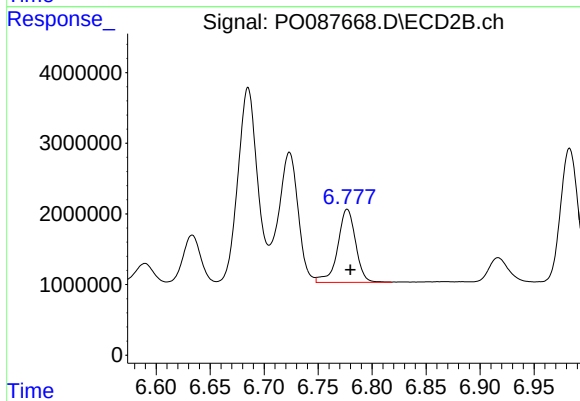
#35 AR-1260-5

R.T.: 7.225 min
Delta R.T.: -0.003 min
Response: 47916217
Conc: 444.51 ng/ml



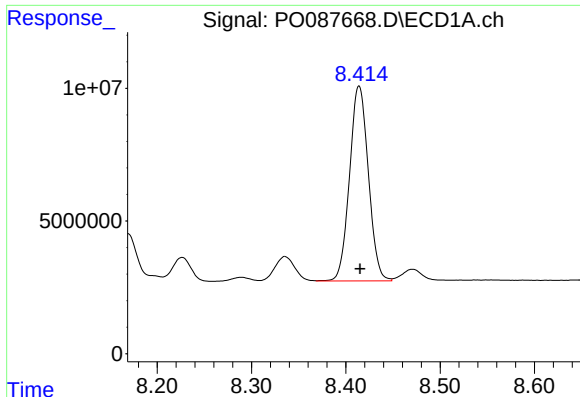
#36 AR-1262-1

R.T.: 7.859 min
Delta R.T.: -0.002 min
Response: 46331156
Conc: 323.72 ng/ml



#36 AR-1262-1

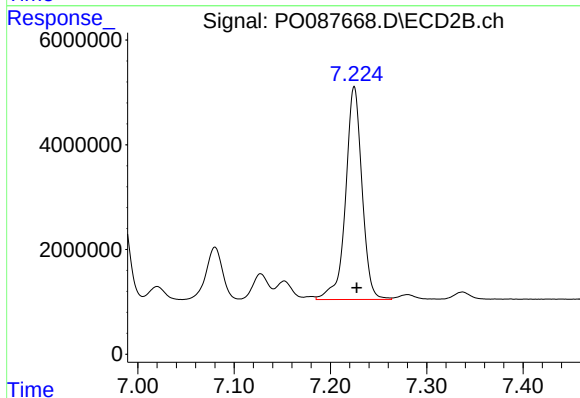
R.T.: 6.777 min
Delta R.T.: -0.003 min
Response: 12022475
Conc: 458.02 ng/ml



#37 AR-1262-2

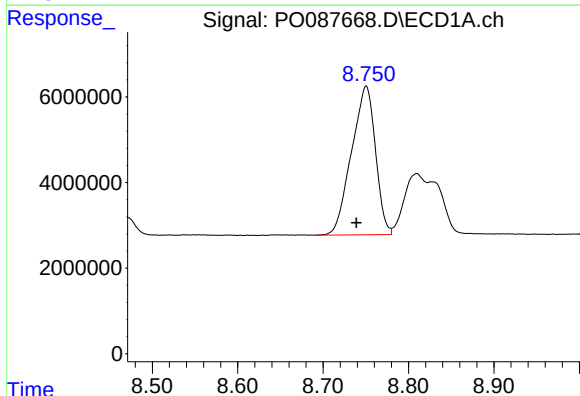
R.T.: 8.414 min
Delta R.T.: -0.001 min
Response: 101963584
Conc: 405.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



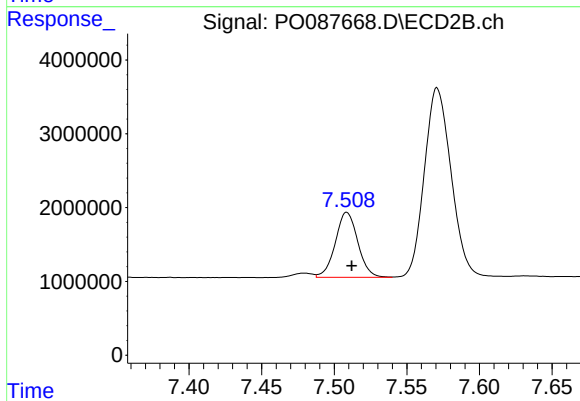
#37 AR-1262-2

R.T.: 7.225 min
Delta R.T.: -0.003 min
Response: 47916217
Conc: 451.40 ng/ml



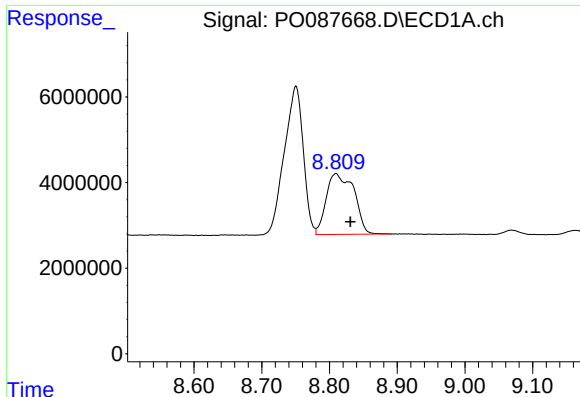
#38 AR-1262-3

R.T.: 8.750 min
Delta R.T.: 0.012 min
Response: 67758574
Conc: 374.62 ng/ml



#38 AR-1262-3

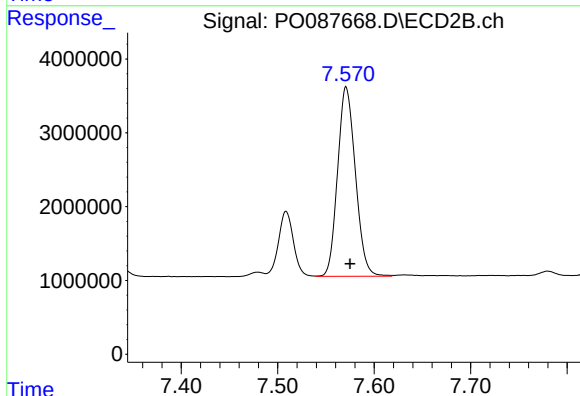
R.T.: 7.509 min
Delta R.T.: -0.003 min
Response: 9510890
Conc: 231.87 ng/ml



#39 AR-1262-4

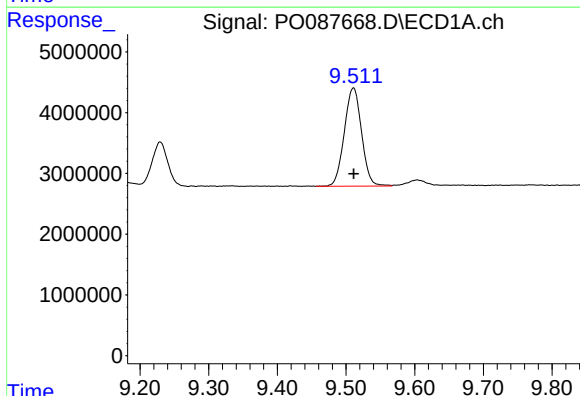
R.T.: 8.810 min
Delta R.T.: -0.021 min
Response: 40588750
Conc: 469.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



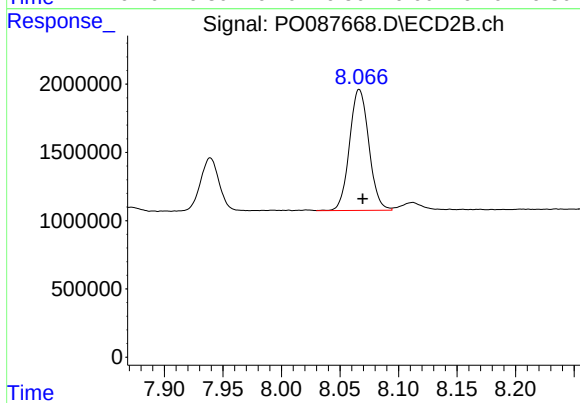
#39 AR-1262-4

R.T.: 7.571 min
Delta R.T.: -0.004 min
Response: 32940590
Conc: 440.32 ng/ml



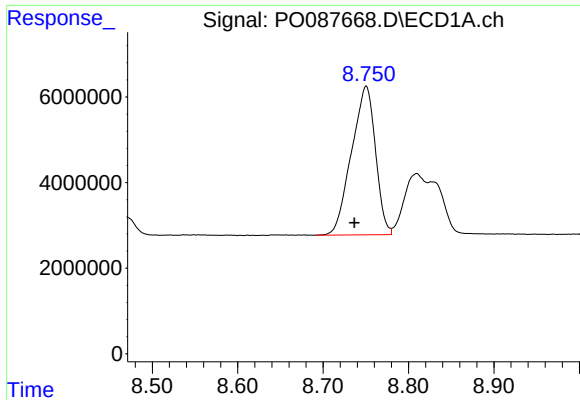
#40 AR-1262-5

R.T.: 9.511 min
Delta R.T.: 0.000 min
Response: 28199094
Conc: 294.36 ng/ml



#40 AR-1262-5

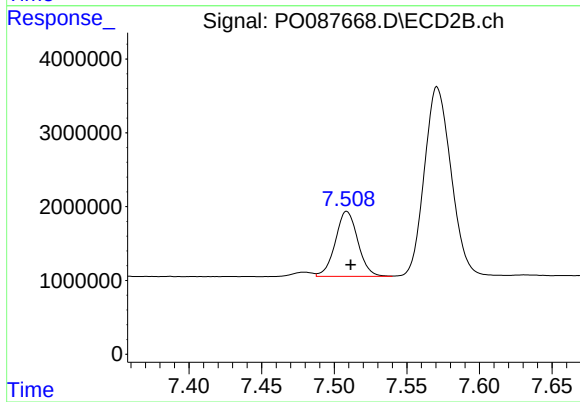
R.T.: 8.066 min
Delta R.T.: -0.003 min
Response: 10198252
Conc: 304.03 ng/ml



#41 AR-1268-1

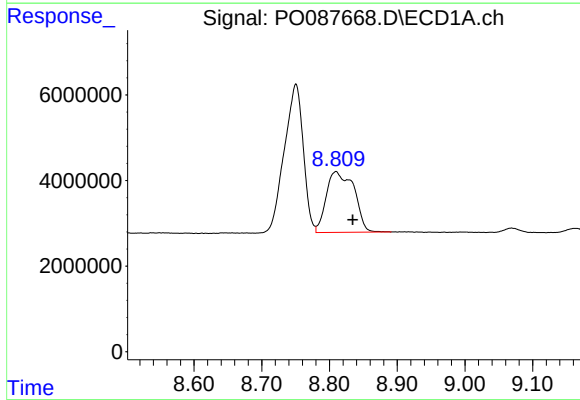
R.T.: 8.750 min
Delta R.T.: 0.014 min
Response: 67758574
Conc: 230.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



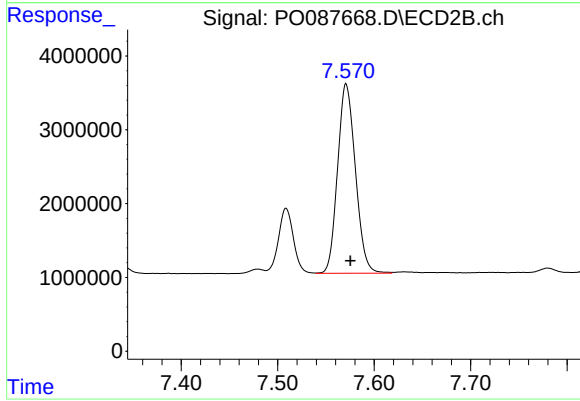
#41 AR-1268-1

R.T.: 7.509 min
Delta R.T.: -0.003 min
Response: 9510890
Conc: 82.62 ng/ml



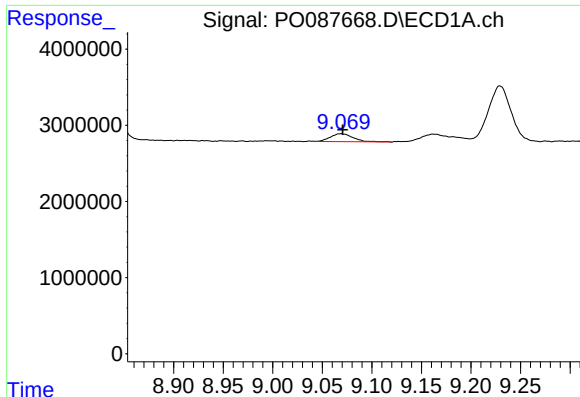
#42 AR-1268-2

R.T.: 8.810 min
Delta R.T.: -0.025 min
Response: 40588750
Conc: 150.84 ng/ml



#42 AR-1268-2

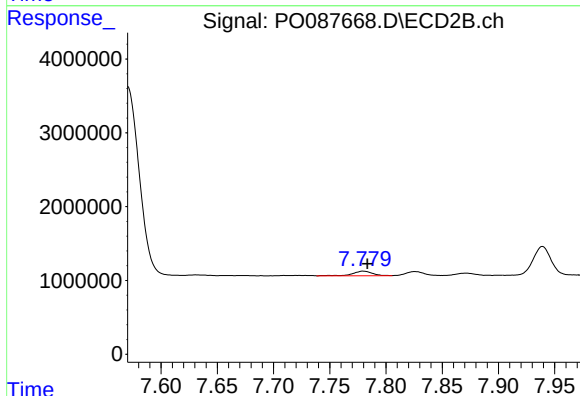
R.T.: 7.571 min
Delta R.T.: -0.005 min
Response: 32940590
Conc: 320.87 ng/ml



#43 AR-1268-3

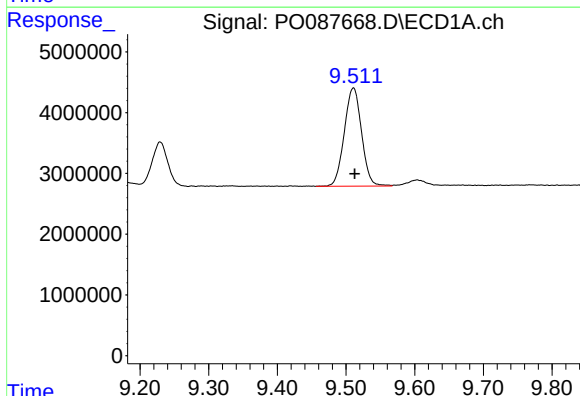
R.T.: 9.069 min
Delta R.T.: -0.002 min
Response: 1691003
Conc: 7.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



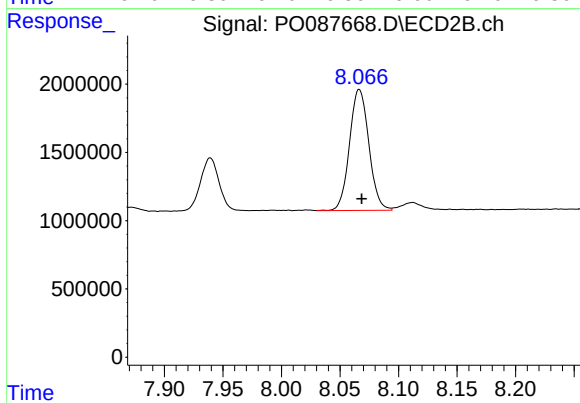
#43 AR-1268-3

R.T.: 7.780 min
Delta R.T.: -0.004 min
Response: 754342
Conc: 8.91 ng/ml



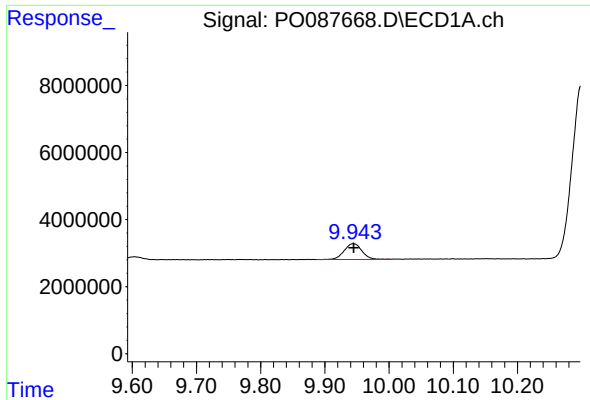
#44 AR-1268-4

R.T.: 9.511 min
Delta R.T.: -0.002 min
Response: 28199094
Conc: 275.84 ng/ml



#44 AR-1268-4

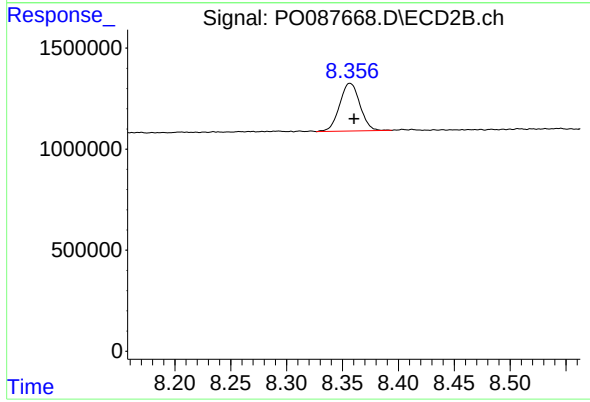
R.T.: 8.066 min
Delta R.T.: -0.002 min
Response: 10198252
Conc: 287.48 ng/ml



#45 AR-1268-5

R.T.: 9.944 min
Delta R.T.: -0.001 min
Response: 9145952
Conc: 12.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.357 min
Delta R.T.: -0.004 min
Response: 2995737
Conc: 11.96 ng/ml