

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011123\
 Data File : P0091943.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jan 2023 09:35
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 12 01:19:11 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...	4.447	3.648	132.7E6	65220697	47.563	46.977
2)	SA Decachlor...	10.358	8.703	93365019	45569918	47.691	51.393
Target Compounds							
3)	L1 AR-1016-1	5.633	4.740	33873638	17073380	398.542	391.063
4)	L1 AR-1016-2	5.655	4.758	49616090	24456055	394.471	388.462
5)	L1 AR-1016-3	5.718	4.936	32181688	13361928	404.586	398.525
6)	L1 AR-1016-4	5.817	4.978	24905224	11900353	405.321	400.614
7)	L1 AR-1016-5	6.119	5.192	26826885	15262886	412.392	414.142
8)	L2 AR-1221-1	4.653	3.863	4226087	2156688	119.591	121.857
9)	L2 AR-1221-2	4.746	3.949	6127402	3156109	241.243	241.637
10)	L2 AR-1221-3	4.822	4.026	22120085	11487449	285.036	296.242
11)	L3 AR-1232-1	4.822	4.026	22120085	11487449	330.095	336.538
12)	L3 AR-1232-2	5.360	4.758	28030260	24456055	863.695	845.035
13)	L3 AR-1232-3	5.655	4.936	49616090	13361928	865.633	885.275
14)	L3 AR-1232-4	5.817	5.020	24905224	14779738	921.521	980.964
15)	L3 AR-1232-5	5.912	5.192	22022362	15262886	917.944	933.326
16)	L4 AR-1242-1	5.633	4.740	33873638	17073380	474.692	457.356
17)	L4 AR-1242-2	5.655	4.758	49616090	24456055	469.570	460.149
18)	L4 AR-1242-3	5.718	4.936	32181688	13361928	477.477	466.992
19)	L4 AR-1242-4	5.817	5.020	24905224	14779738	480.461	480.815
20)	L4 AR-1242-5	6.568	5.545	24143587	15992986	476.857	484.951
21)	L5 AR-1248-1	5.633	4.740	33873638	17073380	618.918	598.680
22)	L5 AR-1248-2	5.912	4.978	22022362	11900353	254.599	268.300
23)	L5 AR-1248-3	6.119	5.020	26826885	14779738	291.592	324.413
24)	L5 AR-1248-4	6.530	5.192	23357936	15262886	262.600	292.718
25)	L5 AR-1248-5	6.568	5.586	24143587	13201731	279.084	298.492
26)	L6 AR-1254-1	6.502	5.545	17561444	15992986	169.739	216.621 #
27)	L6 AR-1254-2	6.729	5.694	20792269	4944117	137.170	75.662 #
28)	L6 AR-1254-3	7.099	6.100	8498297	5809349	56.831	59.852
29)	L6 AR-1254-4	7.391	6.330	6060193	3609158	63.763	74.469
30)	L6 AR-1254-5	7.819	6.751	1518570	1150706	12.241	14.943
31)	L7 AR-1260-1	7.224f	6.246	3681448	2104270	30.662	32.360
32)	L7 AR-1260-2	7.461f	6.420	2677239	504431	20.841	6.886 #
33)	L7 AR-1260-3	0.000	6.575	0	1156960	N.D.	16.176 #
34)	L7 AR-1260-4	0.000	7.087	0	354850	N.D.	6.586 #
35)	L7 AR-1260-5	0.000	7.292	0	56429	N.D.	0.503 #
36)	L8 AR-1262-1	0.000	6.751f	0	1150706	N.D.	15.020 #
37)	L8 AR-1262-2	0.000	7.292	0	56429	N.D.	0.487 #
40)	L8 AR-1262-5	0.000	8.141	0	592436	N.D.	16.259 #
43)	L9 AR-1268-3	0.000	7.853	0	196212	N.D.	1.545 #
44)	L9 AR-1268-4	0.000	8.141	0	592436	N.D.	12.509 #
45)	L9 AR-1268-5	0.000	8.439	0	220918	N.D.	0.593 #

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Instrument :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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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

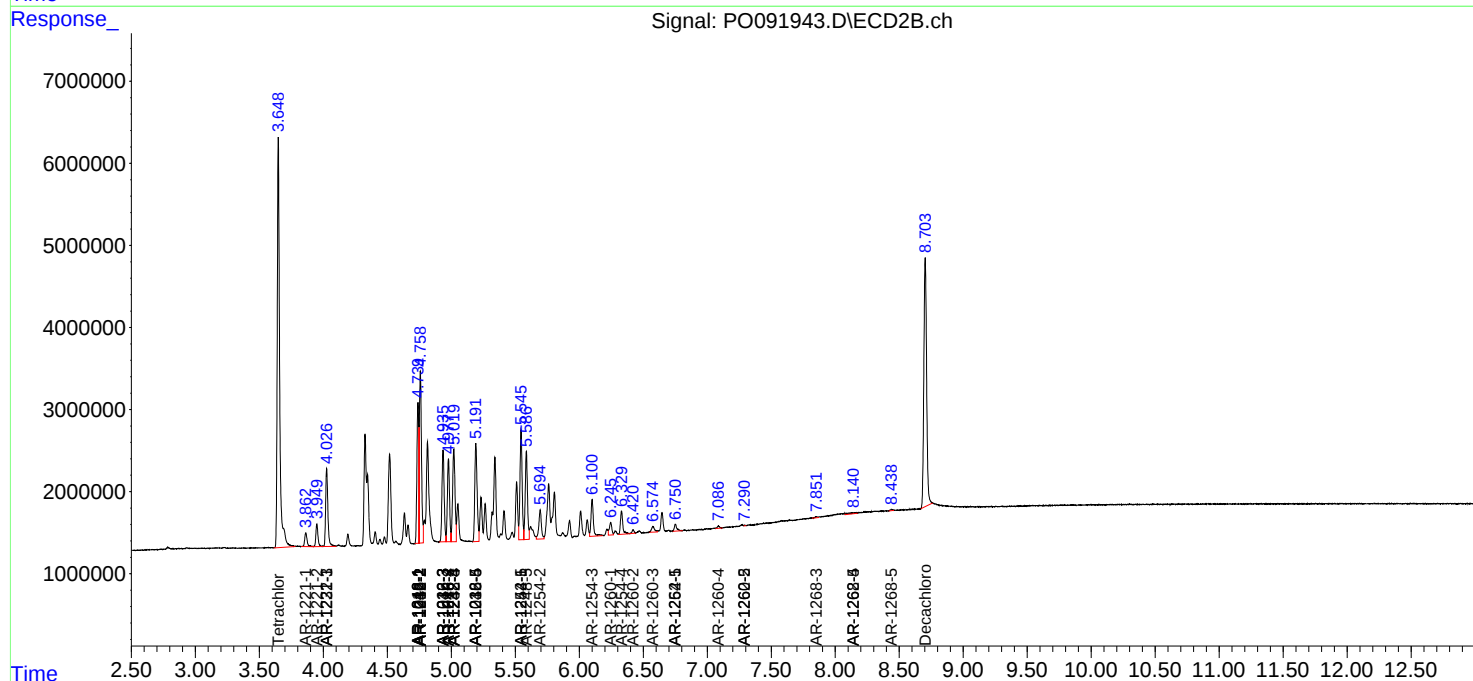
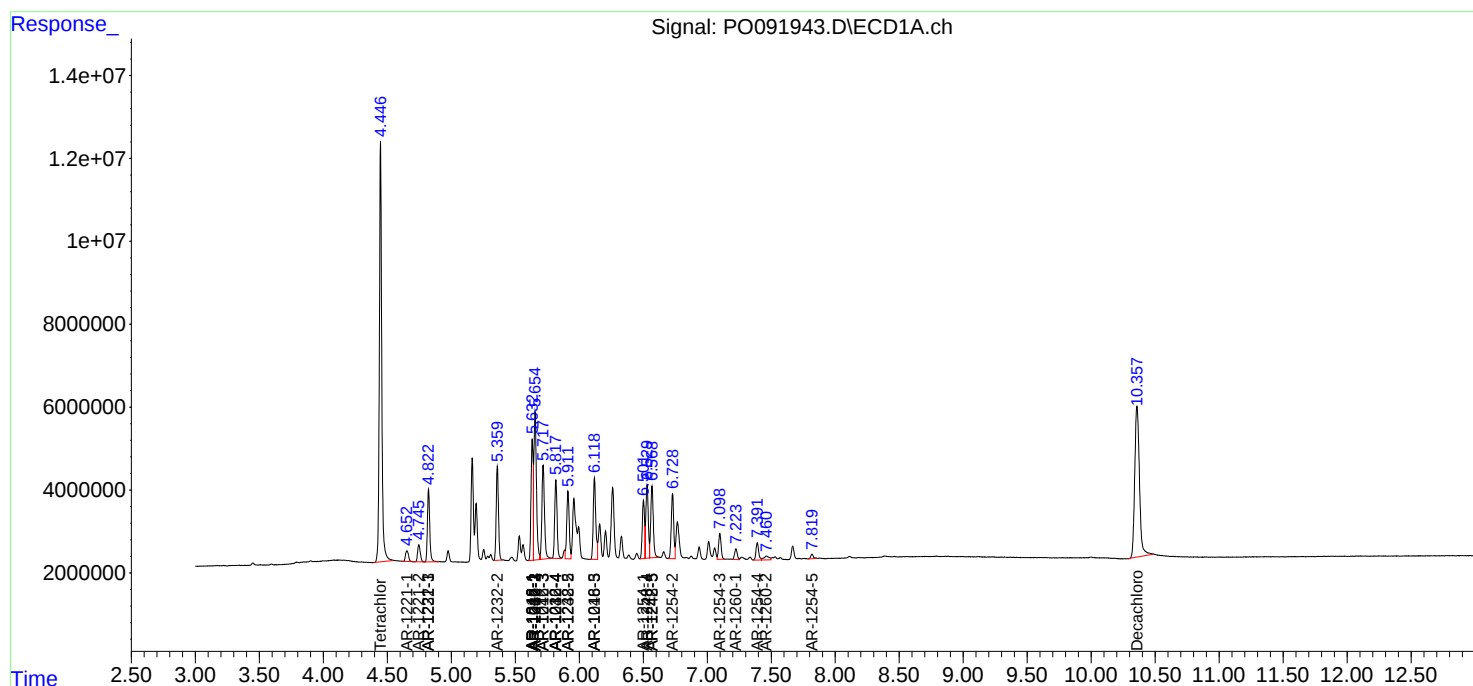
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

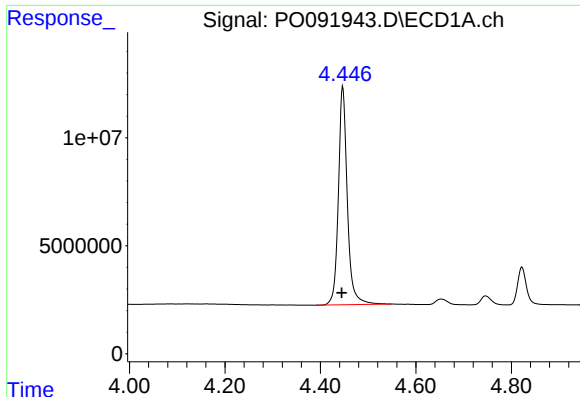
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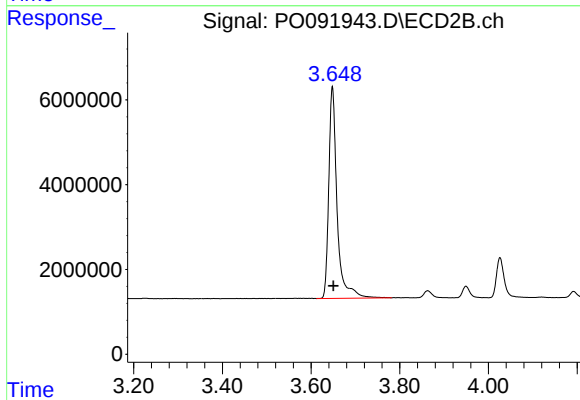




#1 Tetrachloro-m-xylene

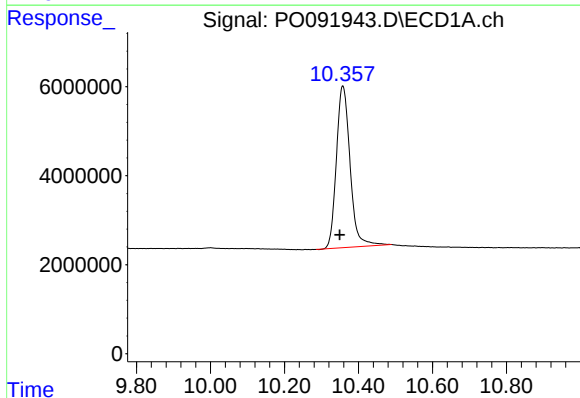
R.T.: 4.447 min
Delta R.T.: 0.002 min
Response: 132663428
Conc: 47.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



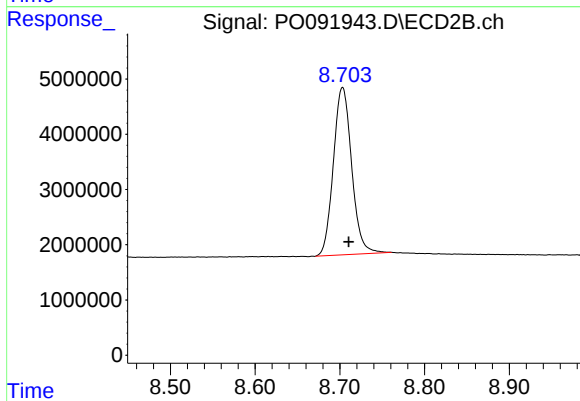
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: -0.003 min
Response: 65220697
Conc: 46.98 ng/ml



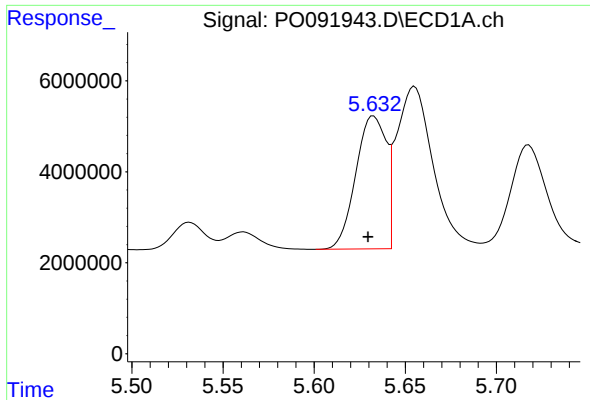
#2 Decachlorobiphenyl

R.T.: 10.358 min
Delta R.T.: 0.008 min
Response: 93365019
Conc: 47.69 ng/ml



#2 Decachlorobiphenyl

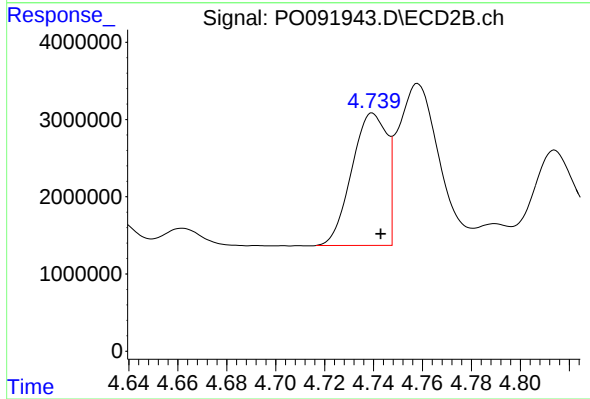
R.T.: 8.703 min
Delta R.T.: -0.007 min
Response: 45569918
Conc: 51.39 ng/ml



#3 AR-1016-1

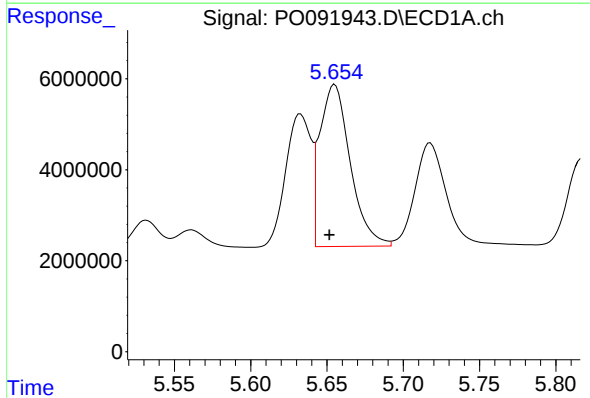
R.T.: 5.633 min
Delta R.T.: 0.003 min
Response: 33873638
Conc: 398.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



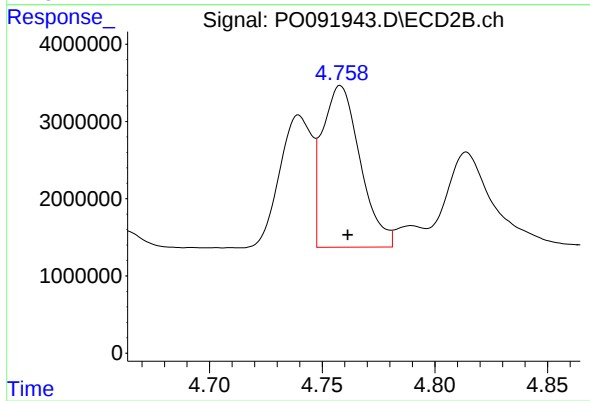
#3 AR-1016-1

R.T.: 4.740 min
Delta R.T.: -0.003 min
Response: 17073380
Conc: 391.06 ng/ml



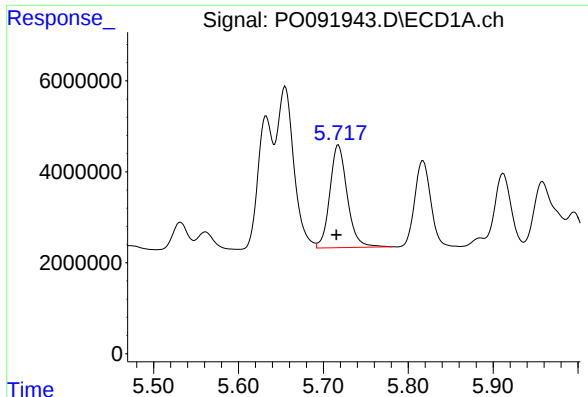
#4 AR-1016-2

R.T.: 5.655 min
Delta R.T.: 0.004 min
Response: 49616090
Conc: 394.47 ng/ml



#4 AR-1016-2

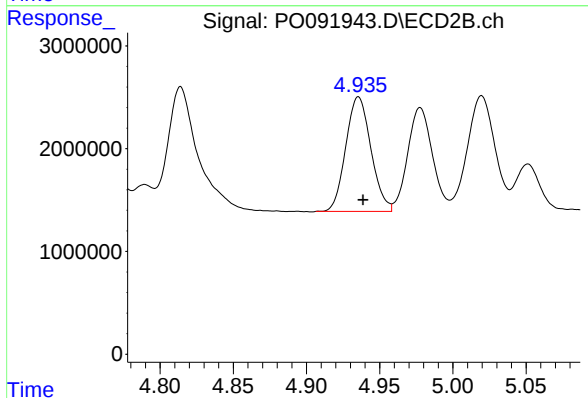
R.T.: 4.758 min
Delta R.T.: -0.003 min
Response: 24456055
Conc: 388.46 ng/ml



#5 AR-1016-3

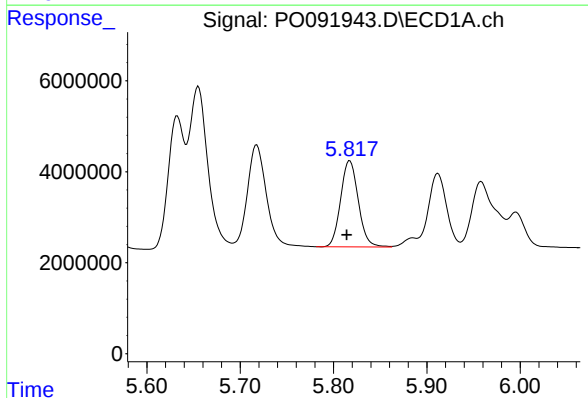
R.T.: 5.718 min
Delta R.T.: 0.002 min
Response: 32181688
Conc: 404.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



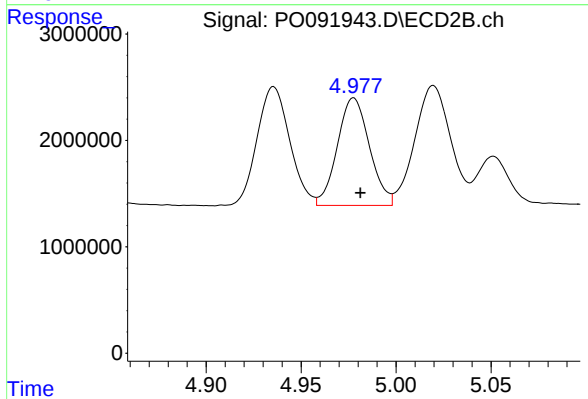
#5 AR-1016-3

R.T.: 4.936 min
Delta R.T.: -0.003 min
Response: 13361928
Conc: 398.53 ng/ml



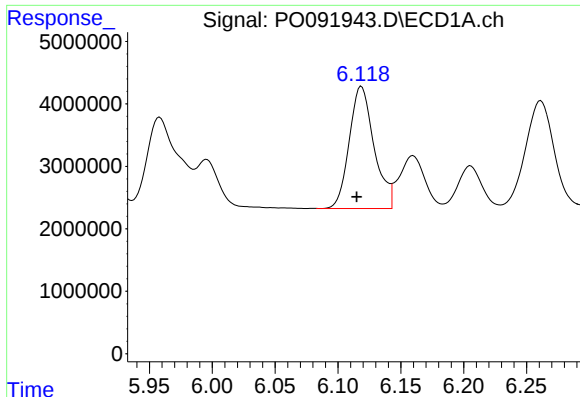
#6 AR-1016-4

R.T.: 5.817 min
Delta R.T.: 0.003 min
Response: 24905224
Conc: 405.32 ng/ml



#6 AR-1016-4

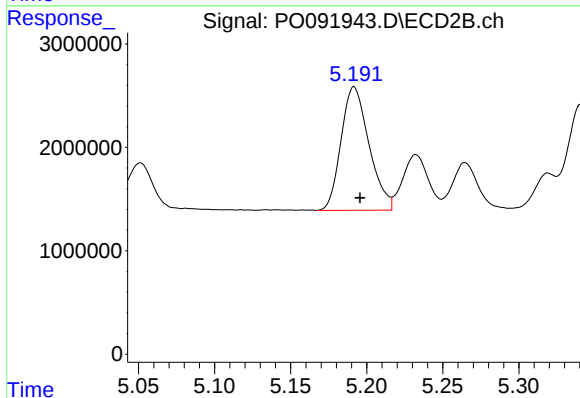
R.T.: 4.978 min
Delta R.T.: -0.004 min
Response: 11900353
Conc: 400.61 ng/ml



#7 AR-1016-5

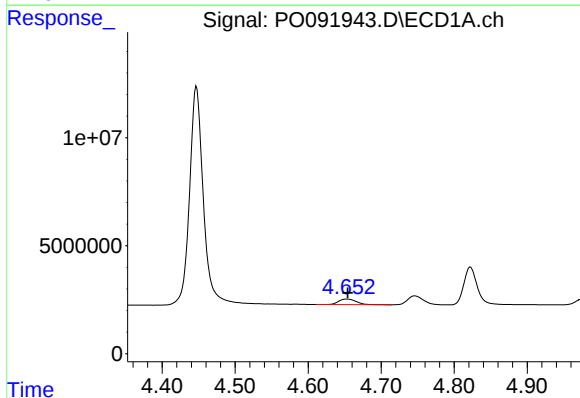
R.T.: 6.119 min
Delta R.T.: 0.004 min
Response: 26826885
Conc: 412.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



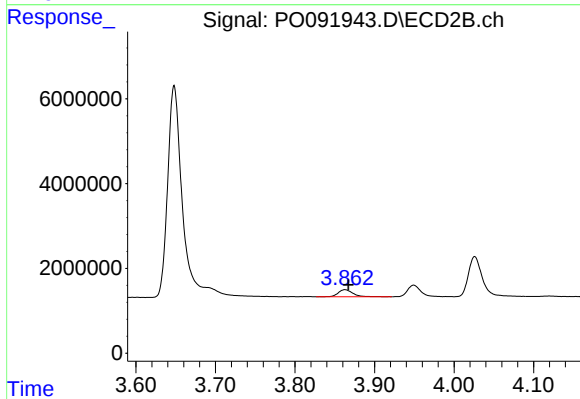
#7 AR-1016-5

R.T.: 5.192 min
Delta R.T.: -0.004 min
Response: 15262886
Conc: 414.14 ng/ml



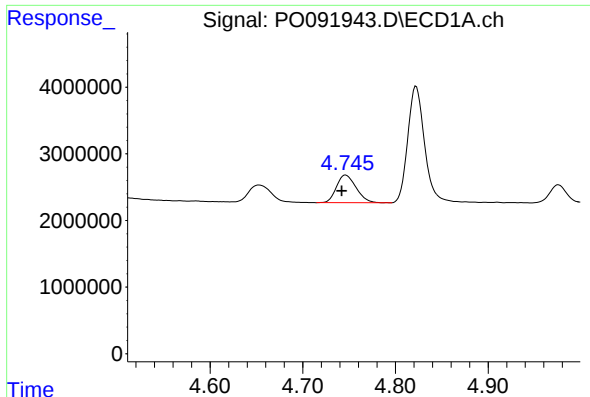
#8 AR-1221-1

R.T.: 4.653 min
Delta R.T.: -0.001 min
Response: 4226087
Conc: 119.59 ng/ml



#8 AR-1221-1

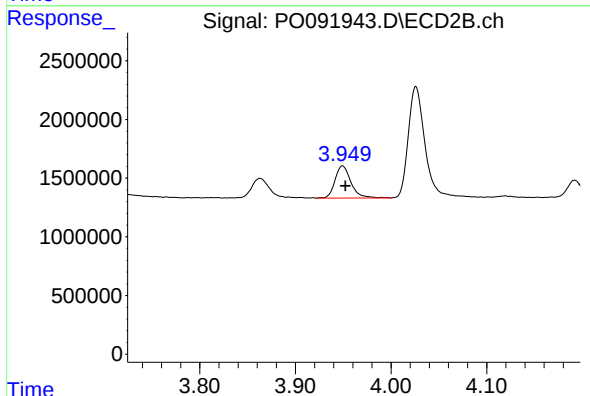
R.T.: 3.863 min
Delta R.T.: -0.004 min
Response: 2156688
Conc: 121.86 ng/ml



#9 AR-1221-2

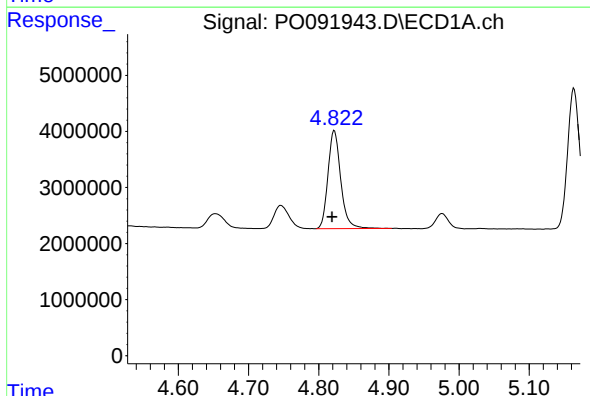
R.T.: 4.746 min
Delta R.T.: 0.004 min
Response: 6127402
Conc: 241.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



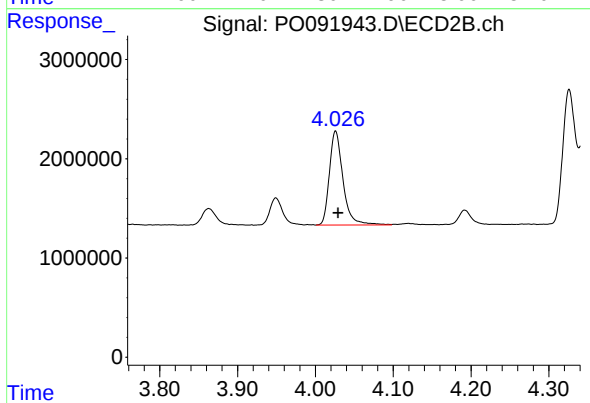
#9 AR-1221-2

R.T.: 3.949 min
Delta R.T.: -0.003 min
Response: 3156109
Conc: 241.64 ng/ml



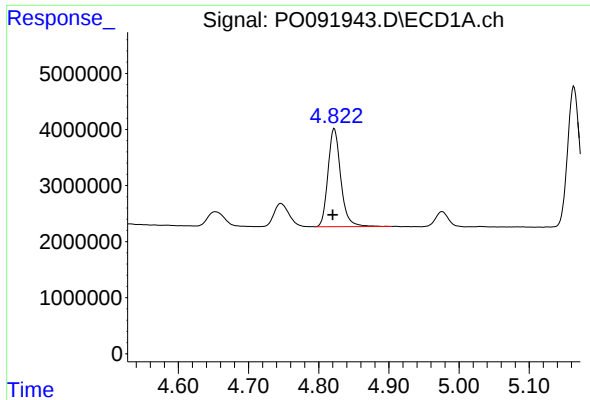
#10 AR-1221-3

R.T.: 4.822 min
Delta R.T.: 0.003 min
Response: 22120085
Conc: 285.04 ng/ml



#10 AR-1221-3

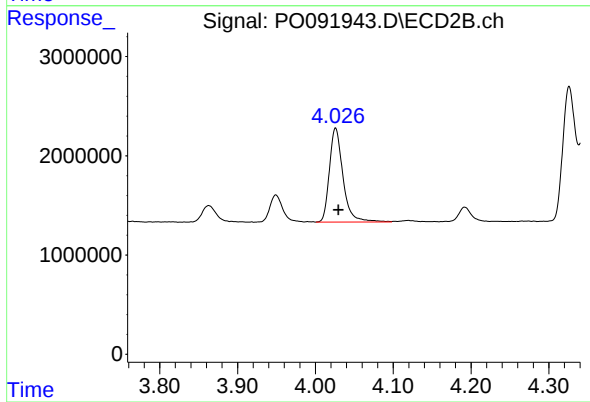
R.T.: 4.026 min
Delta R.T.: -0.003 min
Response: 11487449
Conc: 296.24 ng/ml



#11 AR-1232-1

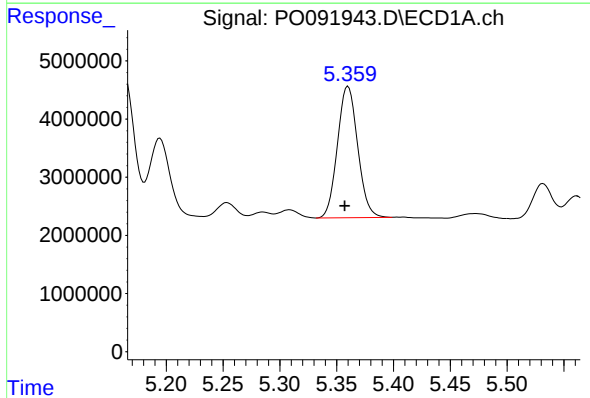
R.T.: 4.822 min
Delta R.T.: 0.002 min
Response: 22120085
Conc: 330.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



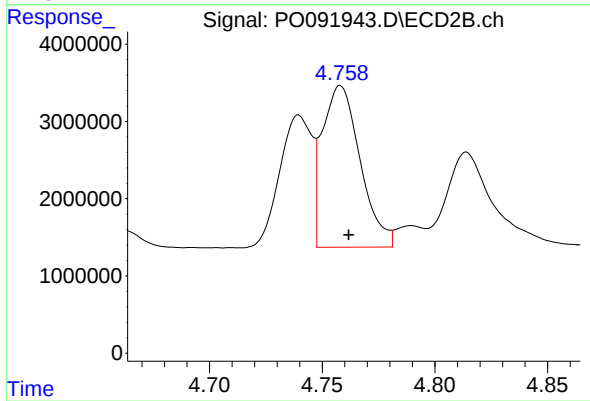
#11 AR-1232-1

R.T.: 4.026 min
Delta R.T.: -0.004 min
Response: 11487449
Conc: 336.54 ng/ml



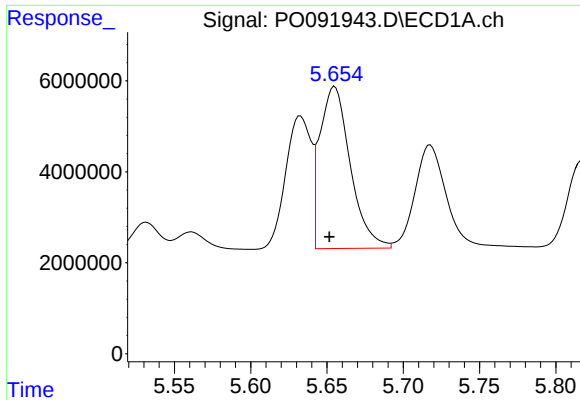
#12 AR-1232-2

R.T.: 5.360 min
Delta R.T.: 0.003 min
Response: 28030260
Conc: 863.69 ng/ml



#12 AR-1232-2

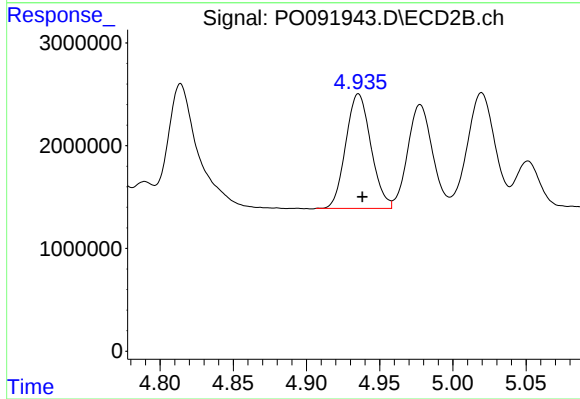
R.T.: 4.758 min
Delta R.T.: -0.004 min
Response: 24456055
Conc: 845.04 ng/ml



#13 AR-1232-3

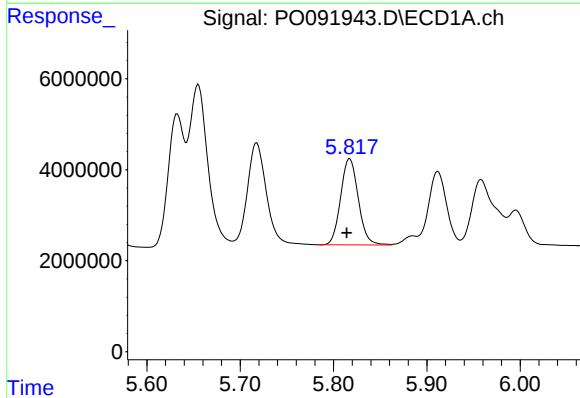
R.T.: 5.655 min
Delta R.T.: 0.003 min
Response: 49616090
Conc: 865.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



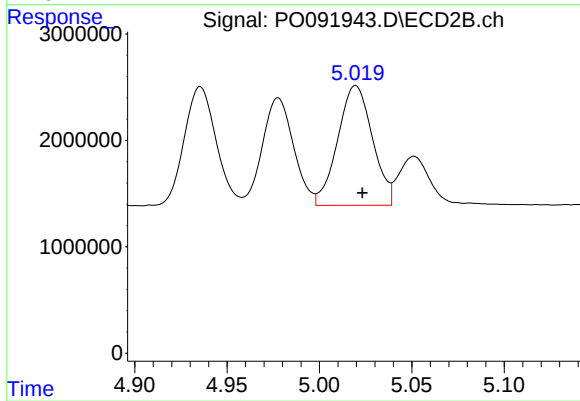
#13 AR-1232-3

R.T.: 4.936 min
Delta R.T.: -0.003 min
Response: 13361928
Conc: 885.27 ng/ml



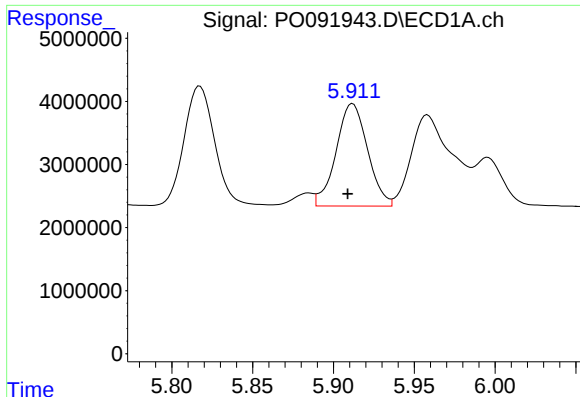
#14 AR-1232-4

R.T.: 5.817 min
Delta R.T.: 0.003 min
Response: 24905224
Conc: 921.52 ng/ml



#14 AR-1232-4

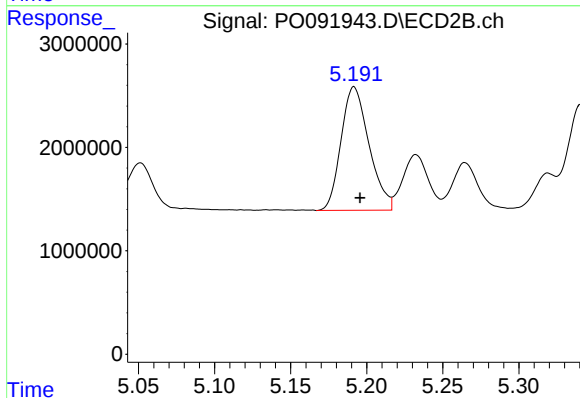
R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 14779738
Conc: 980.96 ng/ml



#15 AR-1232-5

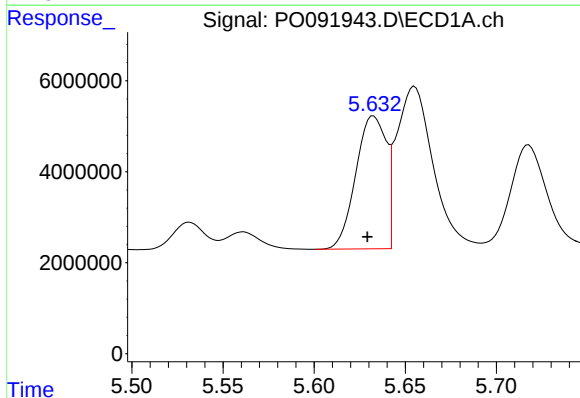
R.T.: 5.912 min
Delta R.T.: 0.003 min
Response: 22022362
Conc: 917.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



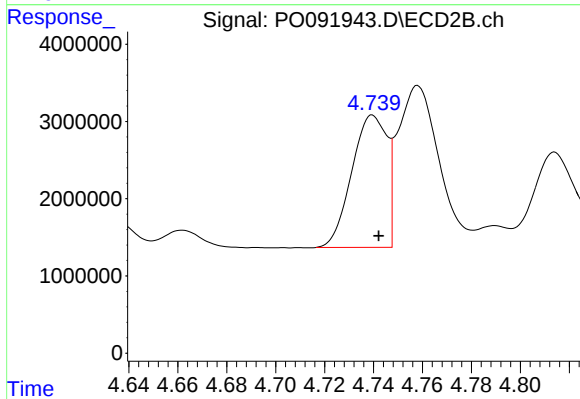
#15 AR-1232-5

R.T.: 5.192 min
Delta R.T.: -0.004 min
Response: 15262886
Conc: 933.33 ng/ml



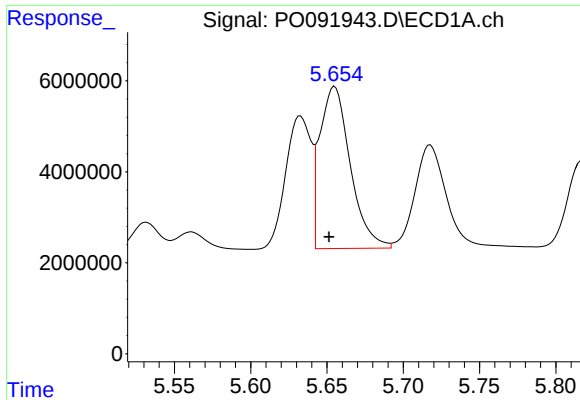
#16 AR-1242-1

R.T.: 5.633 min
Delta R.T.: 0.003 min
Response: 33873638
Conc: 474.69 ng/ml



#16 AR-1242-1

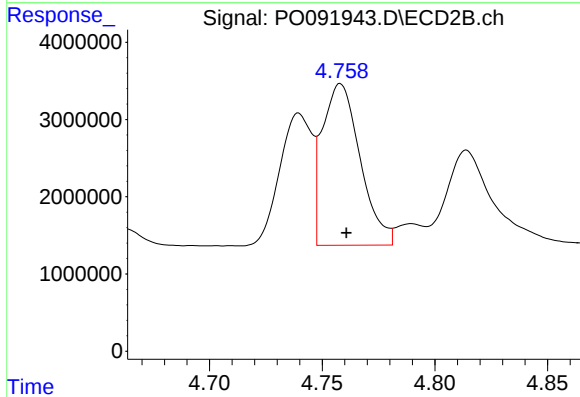
R.T.: 4.740 min
Delta R.T.: -0.003 min
Response: 17073380
Conc: 457.36 ng/ml



#17 AR-1242-2

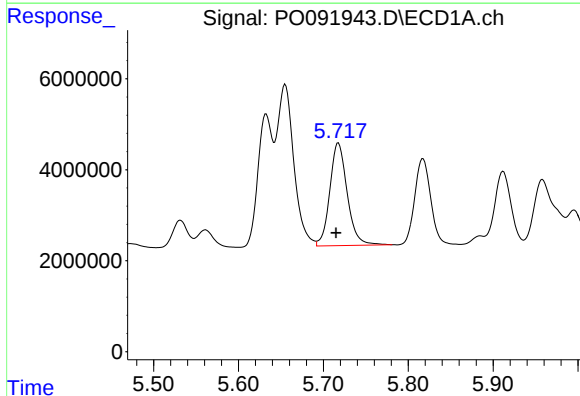
R.T.: 5.655 min
Delta R.T.: 0.004 min
Response: 49616090
Conc: 469.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



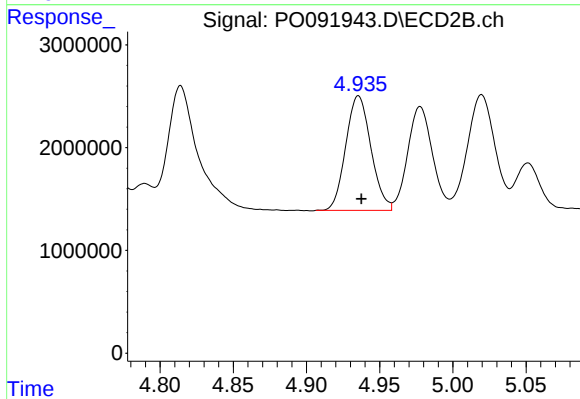
#17 AR-1242-2

R.T.: 4.758 min
Delta R.T.: -0.003 min
Response: 24456055
Conc: 460.15 ng/ml



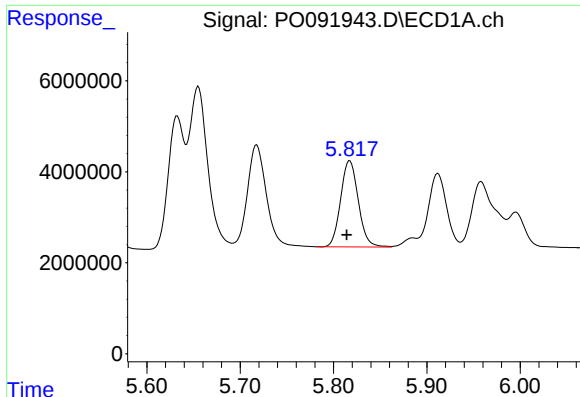
#18 AR-1242-3

R.T.: 5.718 min
Delta R.T.: 0.003 min
Response: 32181688
Conc: 477.48 ng/ml



#18 AR-1242-3

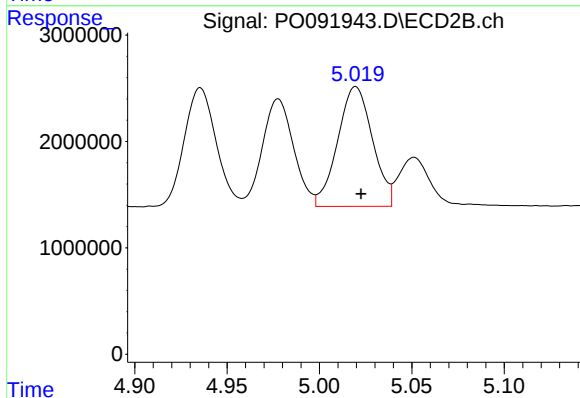
R.T.: 4.936 min
Delta R.T.: -0.002 min
Response: 13361928
Conc: 466.99 ng/ml



#19 AR-1242-4

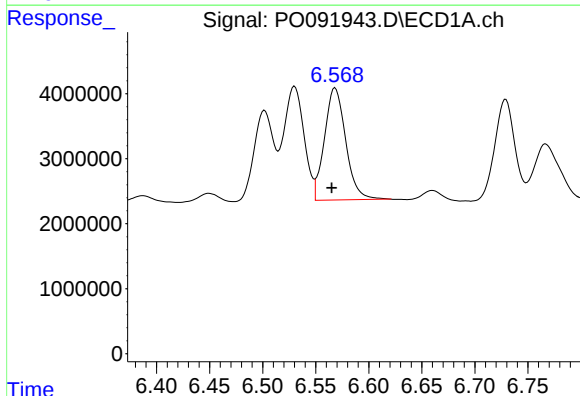
R.T.: 5.817 min
Delta R.T.: 0.003 min
Response: 24905224
Conc: 480.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



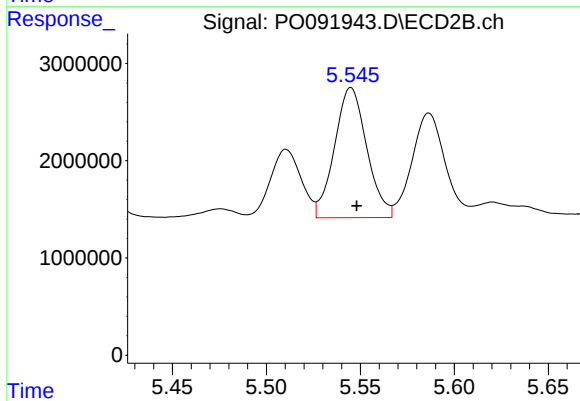
#19 AR-1242-4

R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 14779738
Conc: 480.82 ng/ml



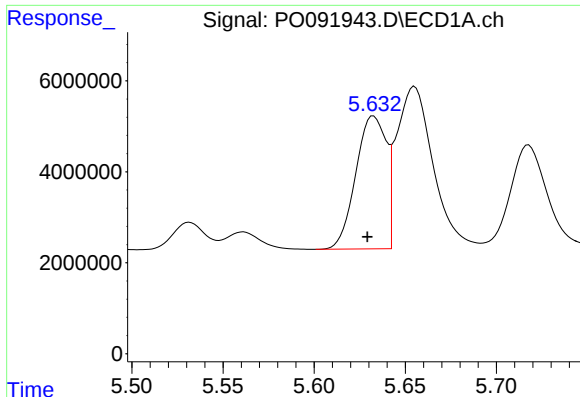
#20 AR-1242-5

R.T.: 6.568 min
Delta R.T.: 0.003 min
Response: 24143587
Conc: 476.86 ng/ml



#20 AR-1242-5

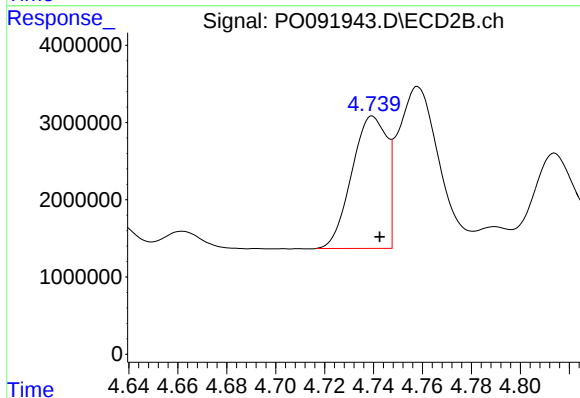
R.T.: 5.545 min
Delta R.T.: -0.003 min
Response: 15992986
Conc: 484.95 ng/ml



#21 AR-1248-1

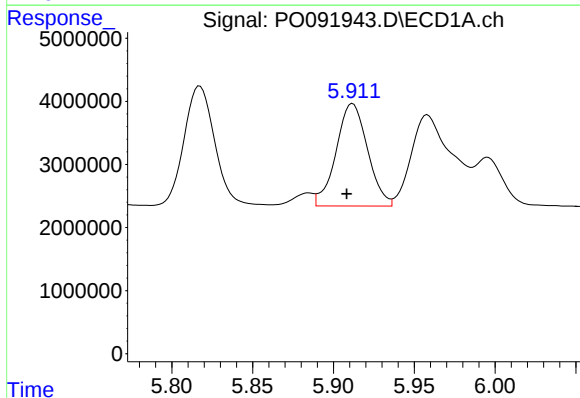
R.T.: 5.633 min
Delta R.T.: 0.003 min
Response: 33873638
Conc: 618.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



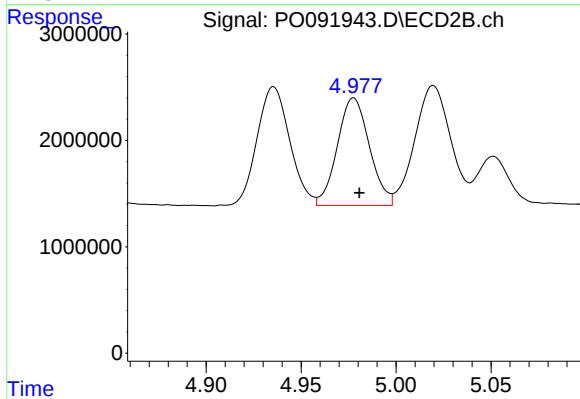
#21 AR-1248-1

R.T.: 4.740 min
Delta R.T.: -0.003 min
Response: 17073380
Conc: 598.68 ng/ml



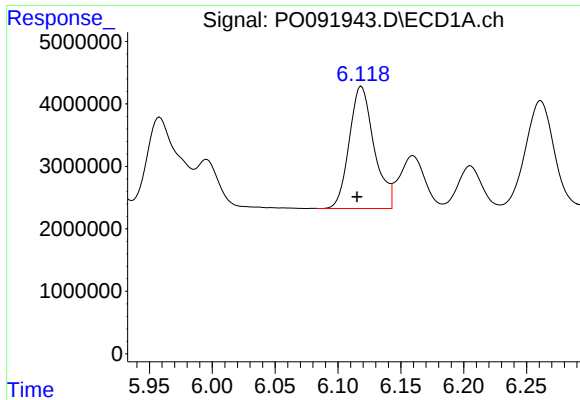
#22 AR-1248-2

R.T.: 5.912 min
Delta R.T.: 0.004 min
Response: 22022362
Conc: 254.60 ng/ml



#22 AR-1248-2

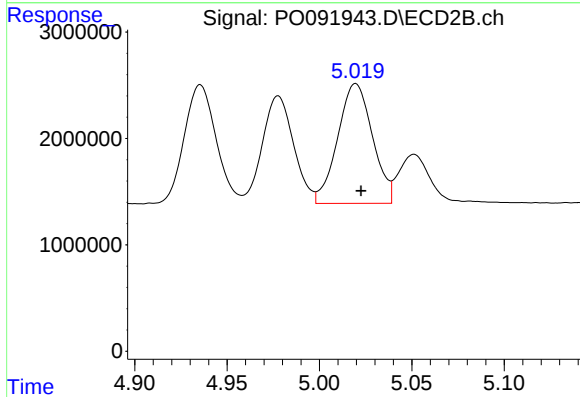
R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 11900353
Conc: 268.30 ng/ml



#23 AR-1248-3

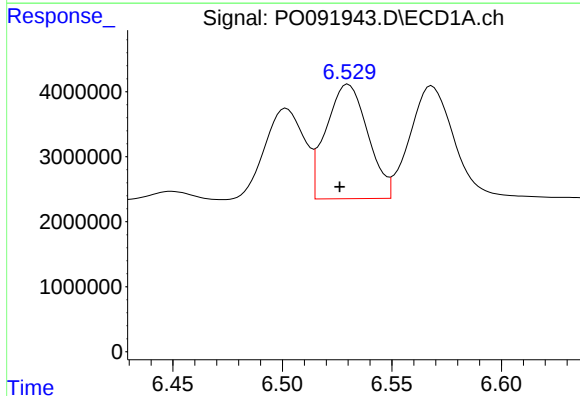
R.T.: 6.119 min
Delta R.T.: 0.004 min
Response: 26826885
Conc: 291.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



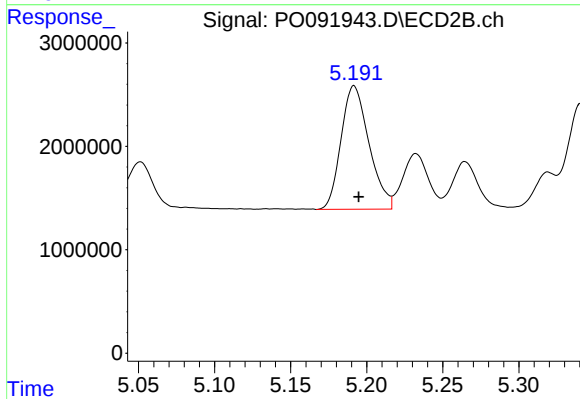
#23 AR-1248-3

R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 14779738
Conc: 324.41 ng/ml



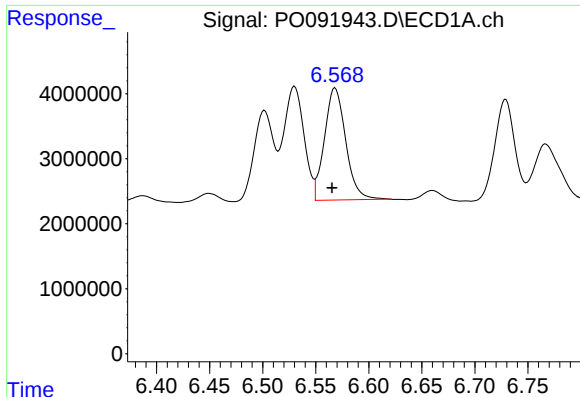
#24 AR-1248-4

R.T.: 6.530 min
Delta R.T.: 0.004 min
Response: 23357936
Conc: 262.60 ng/ml



#24 AR-1248-4

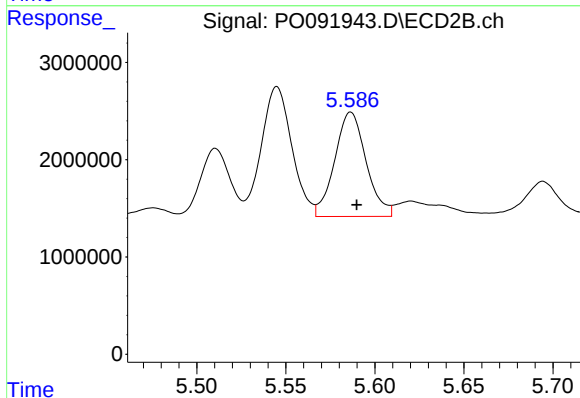
R.T.: 5.192 min
Delta R.T.: -0.003 min
Response: 15262886
Conc: 292.72 ng/ml



#25 AR-1248-5

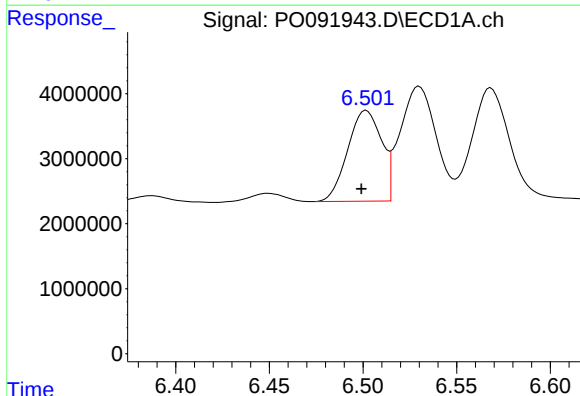
R.T.: 6.568 min
Delta R.T.: 0.003 min
Response: 24143587
Conc: 279.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



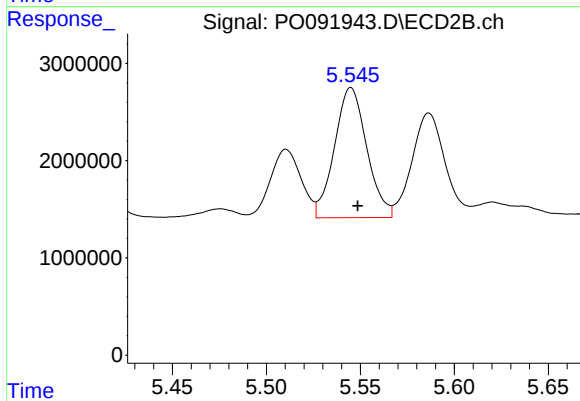
#25 AR-1248-5

R.T.: 5.586 min
Delta R.T.: -0.003 min
Response: 13201731
Conc: 298.49 ng/ml



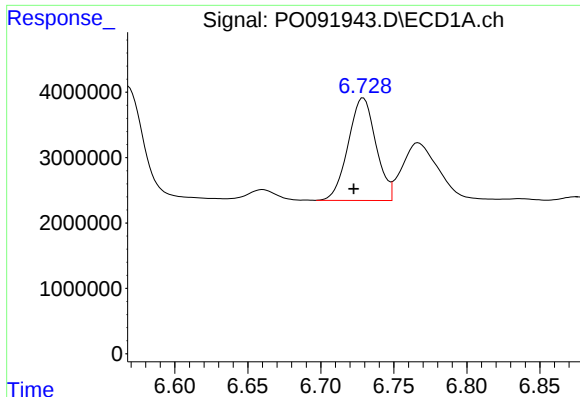
#26 AR-1254-1

R.T.: 6.502 min
Delta R.T.: 0.003 min
Response: 17561444
Conc: 169.74 ng/ml



#26 AR-1254-1

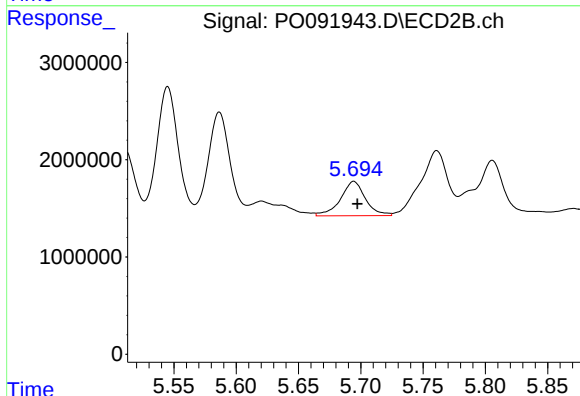
R.T.: 5.545 min
Delta R.T.: -0.004 min
Response: 15992986
Conc: 216.62 ng/ml



#27 AR-1254-2

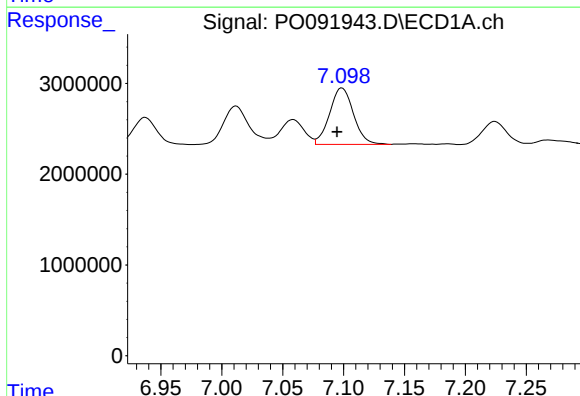
R.T.: 6.729 min
Delta R.T.: 0.007 min
Response: 20792269
Conc: 137.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



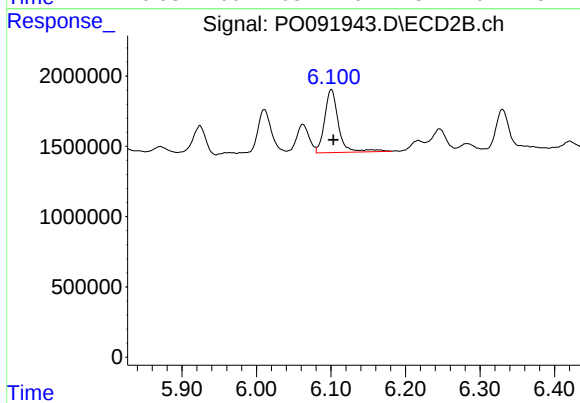
#27 AR-1254-2

R.T.: 5.694 min
Delta R.T.: -0.003 min
Response: 4944117
Conc: 75.66 ng/ml



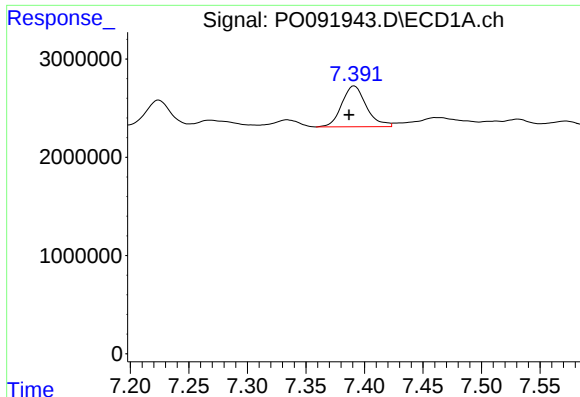
#28 AR-1254-3

R.T.: 7.099 min
Delta R.T.: 0.004 min
Response: 8498297
Conc: 56.83 ng/ml



#28 AR-1254-3

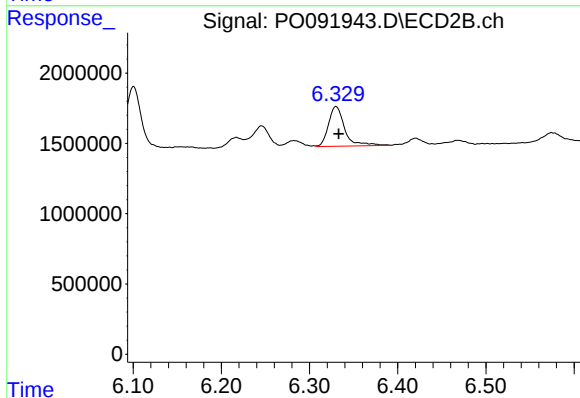
R.T.: 6.100 min
Delta R.T.: -0.003 min
Response: 5809349
Conc: 59.85 ng/ml



#29 AR-1254-4

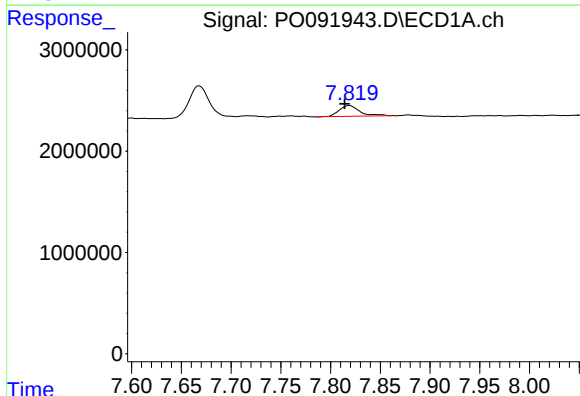
R.T.: 7.391 min
Delta R.T.: 0.004 min
Response: 6060193
Conc: 63.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



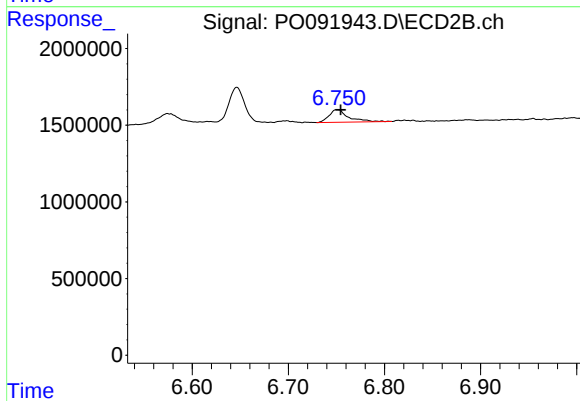
#29 AR-1254-4

R.T.: 6.330 min
Delta R.T.: -0.003 min
Response: 3609158
Conc: 74.47 ng/ml



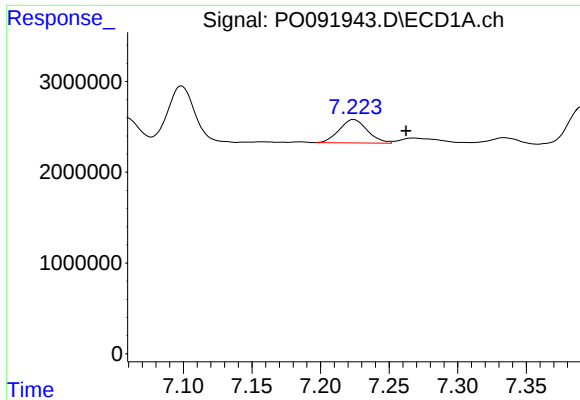
#30 AR-1254-5

R.T.: 7.819 min
Delta R.T.: 0.005 min
Response: 1518570
Conc: 12.24 ng/ml



#30 AR-1254-5

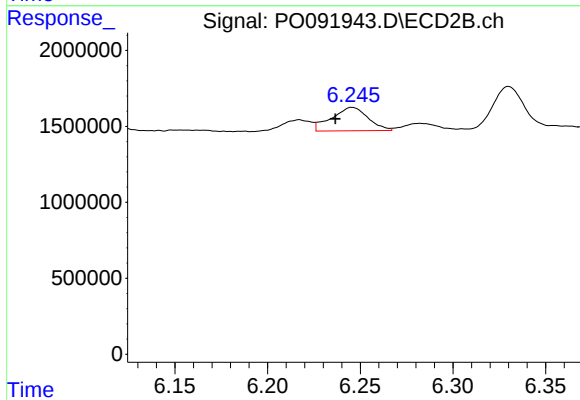
R.T.: 6.751 min
Delta R.T.: -0.004 min
Response: 1150706
Conc: 14.94 ng/ml



#31 AR-1260-1

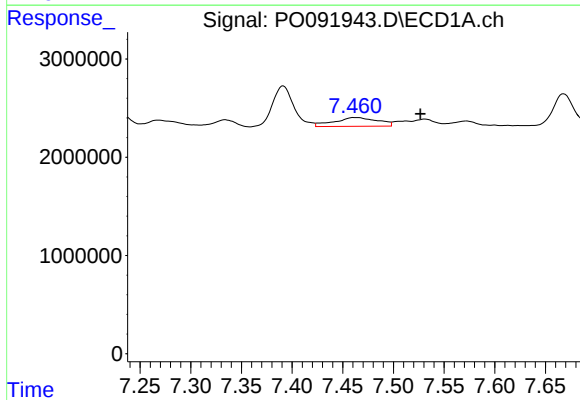
R.T.: 7.224 min
Delta R.T.: -0.038 min
Response: 3681448
Conc: 30.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



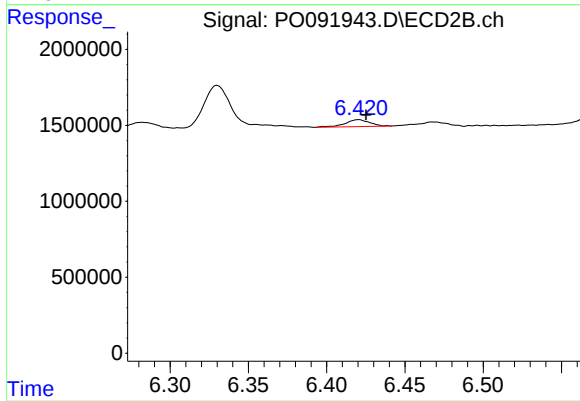
#31 AR-1260-1

R.T.: 6.246 min
Delta R.T.: 0.009 min
Response: 2104270
Conc: 32.36 ng/ml



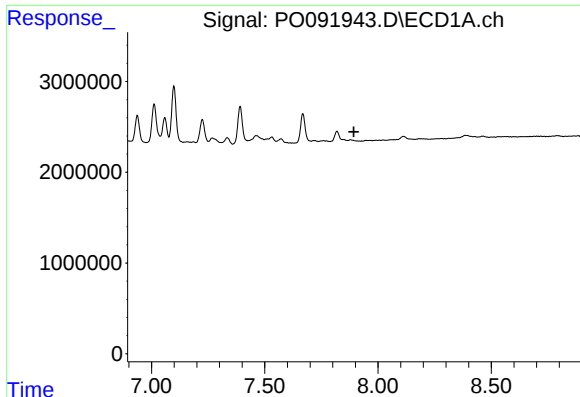
#32 AR-1260-2

R.T.: 7.461 min
Delta R.T.: -0.066 min
Response: 2677239
Conc: 20.84 ng/ml



#32 AR-1260-2

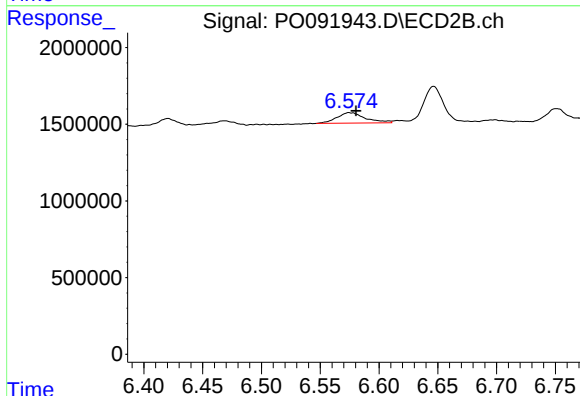
R.T.: 6.420 min
Delta R.T.: -0.005 min
Response: 504431
Conc: 6.89 ng/ml



#33 AR-1260-3

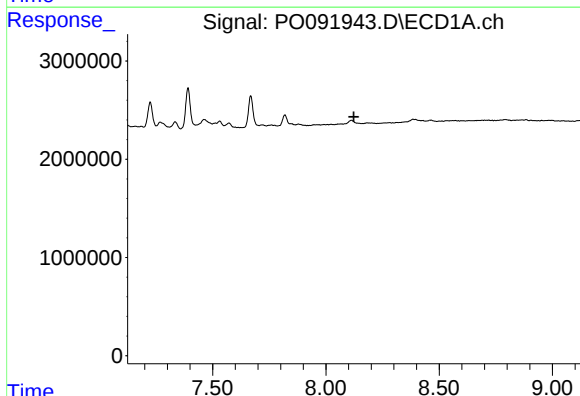
R.T.: 0.000 min
Exp R.T. : 7.893 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



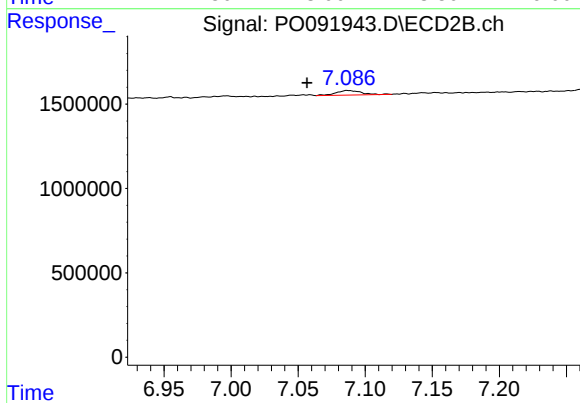
#33 AR-1260-3

R.T.: 6.575 min
Delta R.T.: -0.006 min
Response: 1156960
Conc: 16.18 ng/ml



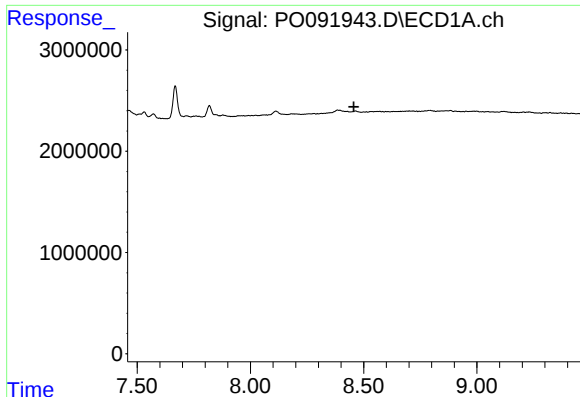
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.123 min
Response: 0
Conc: N.D.



#34 AR-1260-4

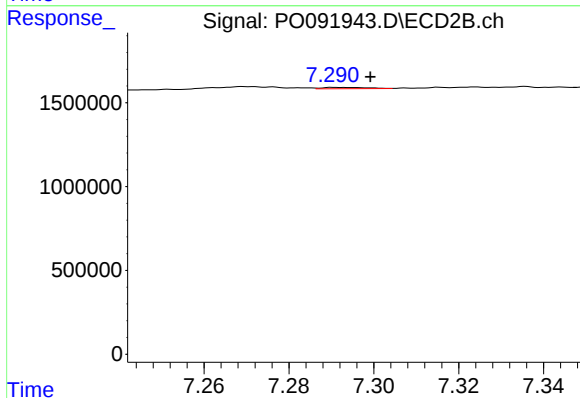
R.T.: 7.087 min
Delta R.T.: 0.030 min
Response: 354850
Conc: 6.59 ng/ml



#35 AR-1260-5

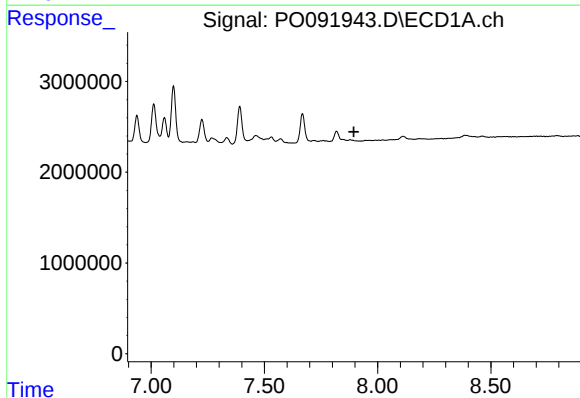
R.T.: 0.000 min
Exp R.T.: 8.456 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



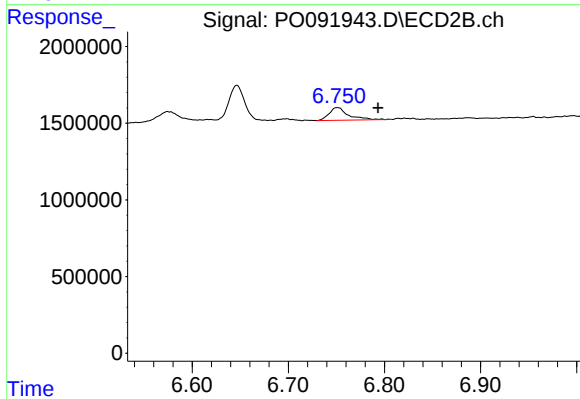
#35 AR-1260-5

R.T.: 7.292 min
Delta R.T.: -0.007 min
Response: 56429
Conc: 0.50 ng/ml



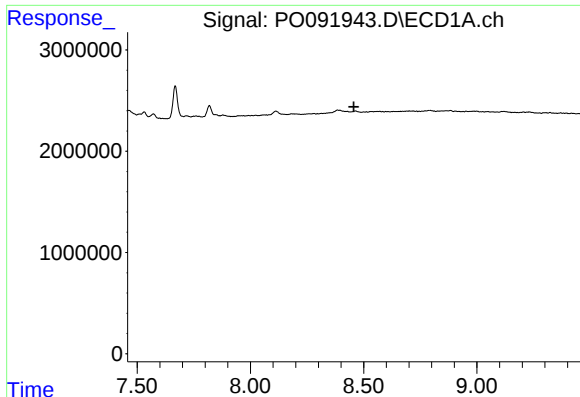
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.895 min
Response: 0
Conc: N.D.



#36 AR-1262-1

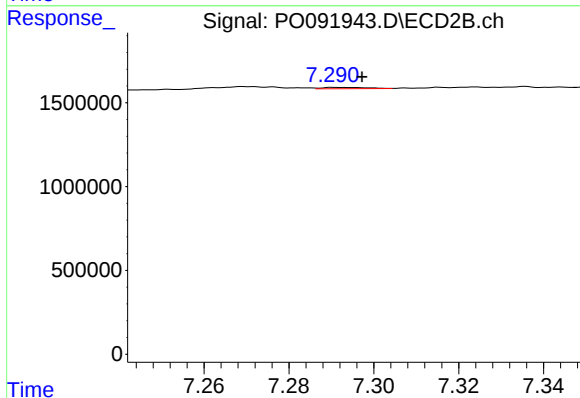
R.T.: 6.751 min
Delta R.T.: -0.043 min
Response: 1150706
Conc: 15.02 ng/ml



#37 AR-1262-2

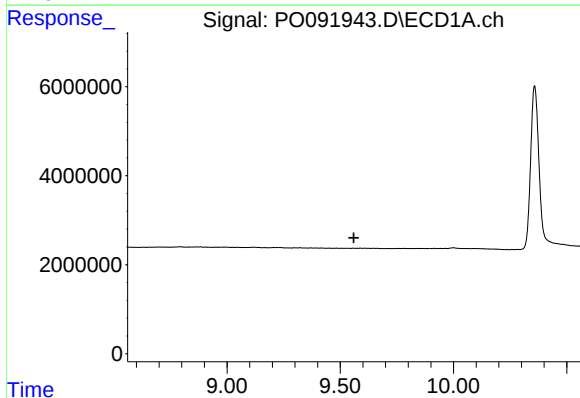
R.T.: 0.000 min
Exp R.T.: 8.457 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



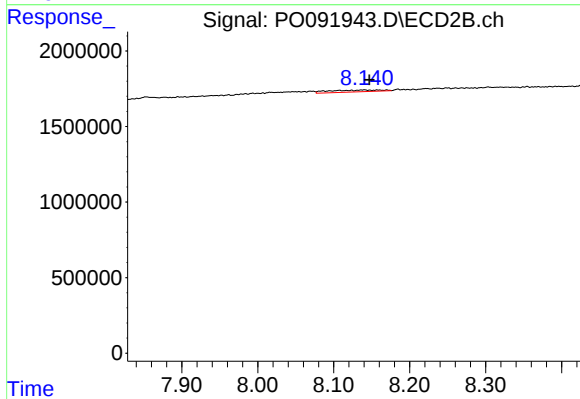
#37 AR-1262-2

R.T.: 7.292 min
Delta R.T.: -0.005 min
Response: 56429
Conc: 0.49 ng/ml



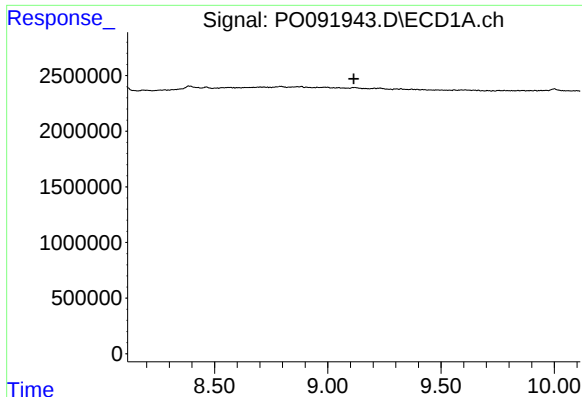
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.560 min
Response: 0
Conc: N.D.



#40 AR-1262-5

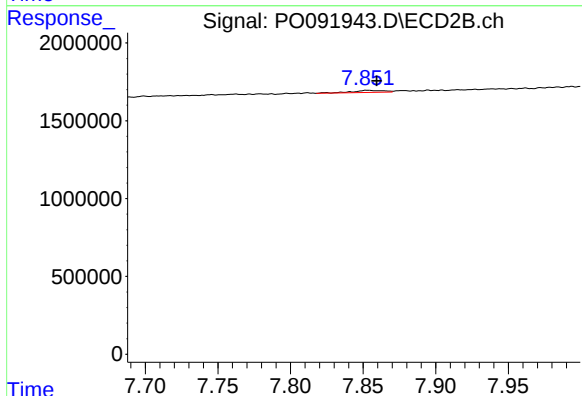
R.T.: 8.141 min
Delta R.T.: -0.006 min
Response: 592436
Conc: 16.26 ng/ml



#43 AR-1268-3

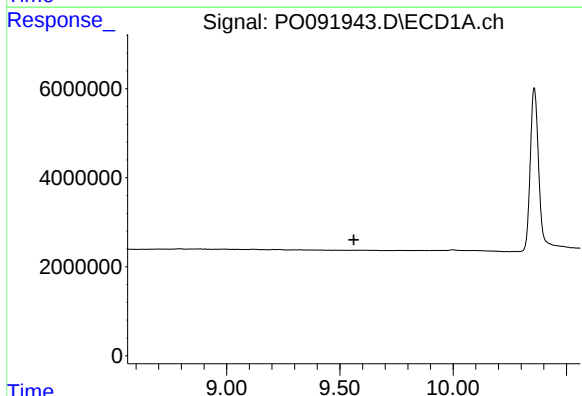
R.T.: 0.000 min
Exp R.T.: 9.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



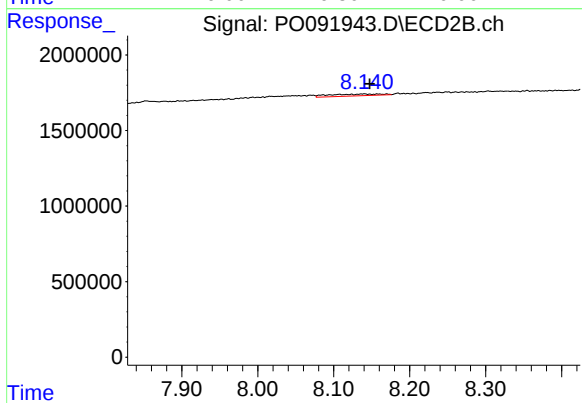
#43 AR-1268-3

R.T.: 7.853 min
Delta R.T.: -0.006 min
Response: 196212
Conc: 1.54 ng/ml



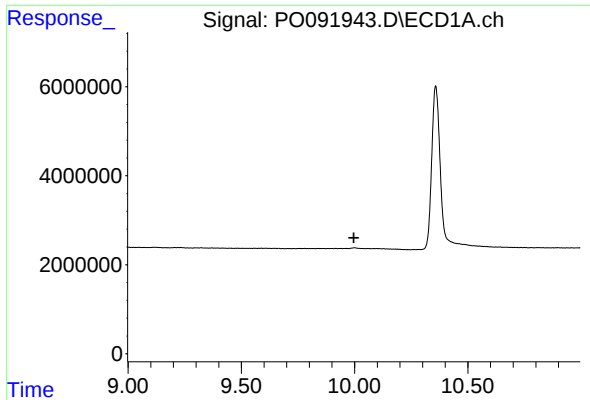
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.562 min
Response: 0
Conc: N.D.



#44 AR-1268-4

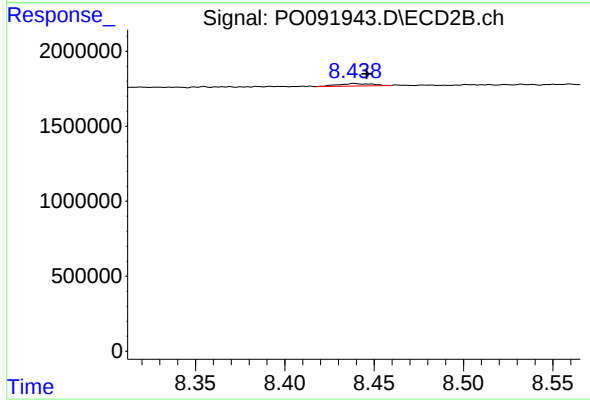
R.T.: 8.141 min
Delta R.T.: -0.007 min
Response: 592436
Conc: 12.51 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.996 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.439 min
Delta R.T.: -0.007 min
Response: 220918
Conc: 0.59 ng/ml