

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011823\
 Data File : P0092133.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jan 2023 17:30
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 19 03:18:23 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...	4.448	3.648	130.4E6	60539112	46.758	43.605
2)	SA Decachlor...	10.365	8.698	99736594	47151510	50.946	53.177
Target Compounds							
3)	L1 AR-1016-1	5.633	4.737	1084162	474469	12.756	10.868
4)	L1 AR-1016-2	5.659	4.755	1377003	431299	10.948	6.851 #
5)	L1 AR-1016-3	5.659f	4.934	1377003	370539	17.312	11.051 #
6)	L1 AR-1016-4	0.000	4.975	0	15190464	N.D.	511.372 #
7)	L1 AR-1016-5	6.119	5.189	16491835	8890608	253.518	241.237
9)	L2 AR-1221-2	4.757	3.948	1656852	847504	65.232	64.886
10)	L2 AR-1221-3	4.757f	0.000	1656852	0	21.350	N.D. #
11)	L3 AR-1232-1	4.757f	0.000	1656852	0	24.725	N.D. #
12)	L3 AR-1232-2	0.000	4.755	0	431299	N.D.	14.903 #
13)	L3 AR-1232-3	5.659	4.934	1377003	370539	24.024	24.550
14)	L3 AR-1232-4	0.000	5.016	0	4739394	N.D.	314.564 #
15)	L3 AR-1232-5	5.912	5.189	27735718	8890608	1156.090	543.661 #
16)	L4 AR-1242-1	5.633	4.737	1084162	474469	15.193	12.710
17)	L4 AR-1242-2	5.659	4.755	1377003	431299	13.032	8.115 #
18)	L4 AR-1242-3	5.659f	4.934	1377003	370539	20.430	12.950 #
19)	L4 AR-1242-4	0.000	5.016	0	4739394	N.D.	154.182 #
20)	L4 AR-1242-5	6.574	5.543	15205444	33705353	300.321	1022.038 #
21)	L5 AR-1248-1	5.633	4.737	1084162	474469	19.809	16.637
22)	L5 AR-1248-2	5.912	4.975	27735718	15190464	320.651	342.478
23)	L5 AR-1248-3	6.119	5.016	16491835	4739394	179.256	104.029 #
24)	L5 AR-1248-4	6.531	5.189	22194028	8890608	249.515	170.508 #
25)	L5 AR-1248-5	6.574	5.583	15205444	4163851	175.765	94.145 #
26)	L6 AR-1254-1	6.505	5.543	49009788	33705353	473.700	456.531
27)	L6 AR-1254-2	6.729	5.692	73158159	29466432	482.636	450.937
28)	L6 AR-1254-3	7.101	6.098	73695421	45551841	492.830	469.308
29)	L6 AR-1254-4	7.394	6.328	48379619	25160416	509.031	519.142
30)	L6 AR-1254-5	7.821	6.749	54895802	37878877	442.519	491.908
31)	L7 AR-1260-1	7.270	6.230	31487695	22769124	262.256	350.154 #
32)	L7 AR-1260-2	7.533	6.418	33289751	17920206	259.144	244.647
33)	L7 AR-1260-3	7.882	6.572	7626268	19158007	73.136	267.865 #
34)	L7 AR-1260-4	8.115	7.048	20653694	2003940	178.887	37.193 #
35)	L7 AR-1260-5	8.464	7.291	6758737	4634488	33.835	41.302
36)	L8 AR-1262-1	7.882	6.818	7626268	3076782	59.164	40.162 #
37)	L8 AR-1262-2	8.464	7.291	6758737	4634488	34.826	40.030
38)	L8 AR-1262-3	8.803	7.639f	5915143	4298976	41.936	96.140 #
39)	L8 AR-1262-4	8.854	7.639	1751434	4298976	20.781	51.772 #
40)	L8 AR-1262-5	0.000	8.141	0	370014	N.D.	10.155 #
41)	L9 AR-1268-1	8.803	7.639f	5915143	4298976	20.614	28.206 #
42)	L9 AR-1268-2	8.854	7.639	1751434	4298976	6.025	31.412 #

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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	0.000	8.141	0	370014	N.D.	7.812 #
45) L9	AR-1268-5	0.000	8.440	0	405752	N.D.	1.088 #

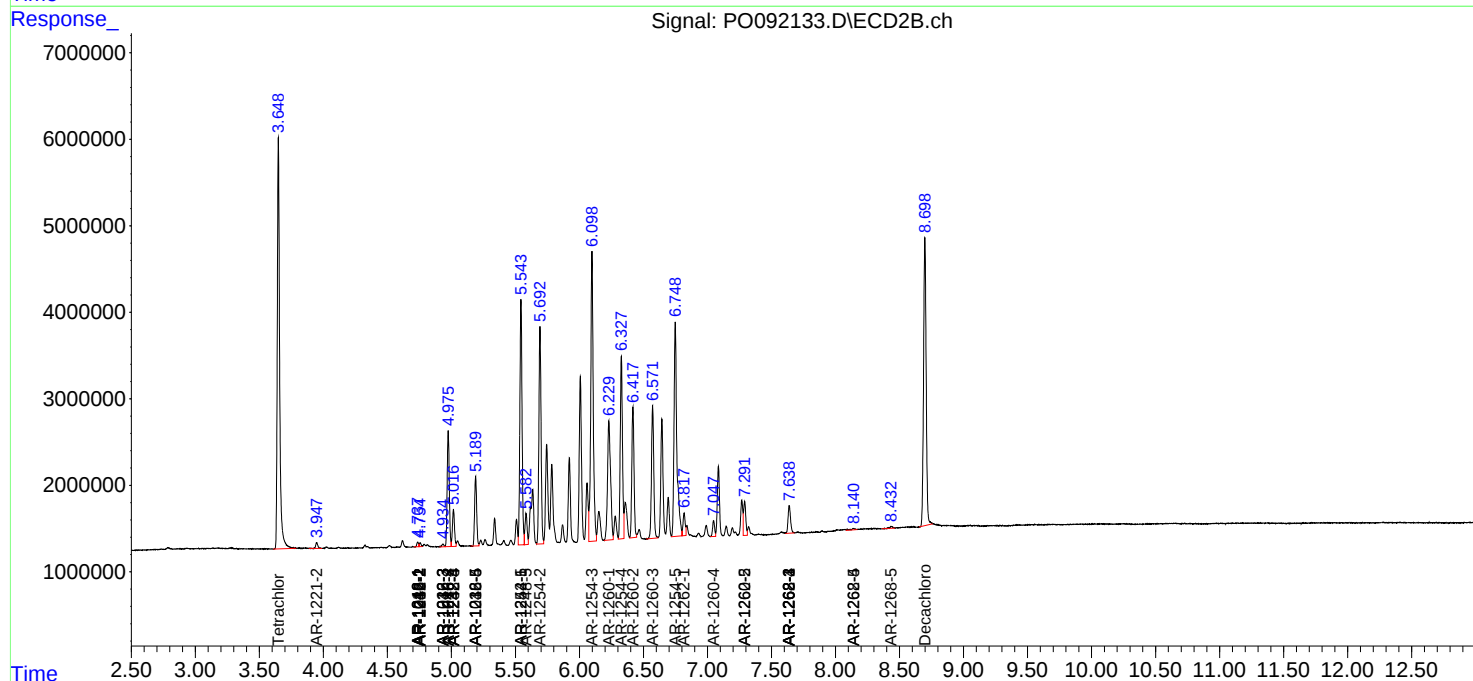
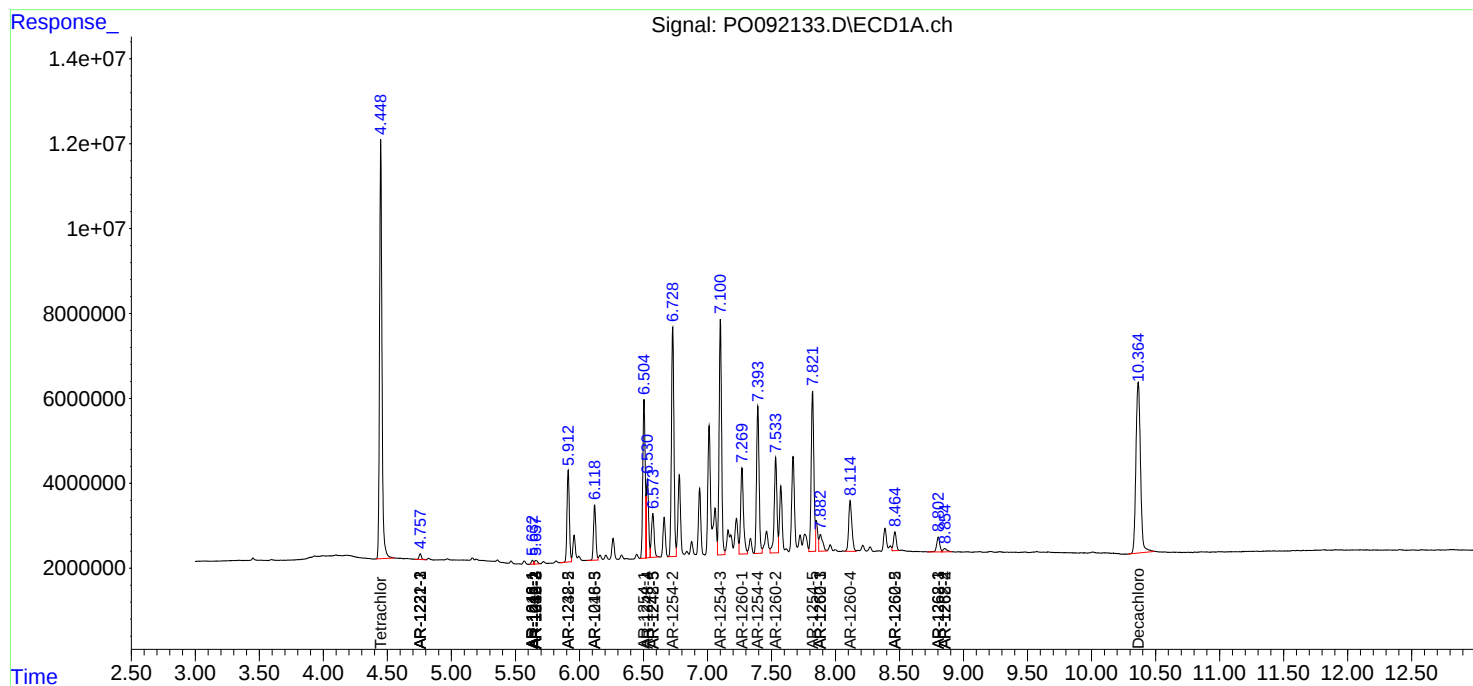
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

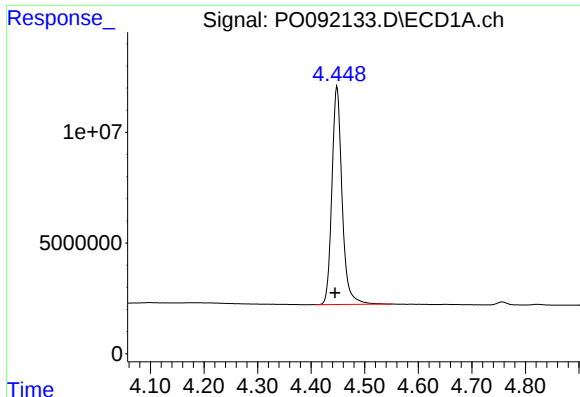
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

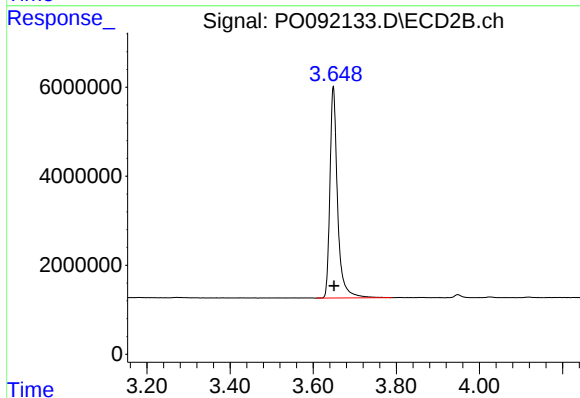




#1 Tetrachloro-m-xylene

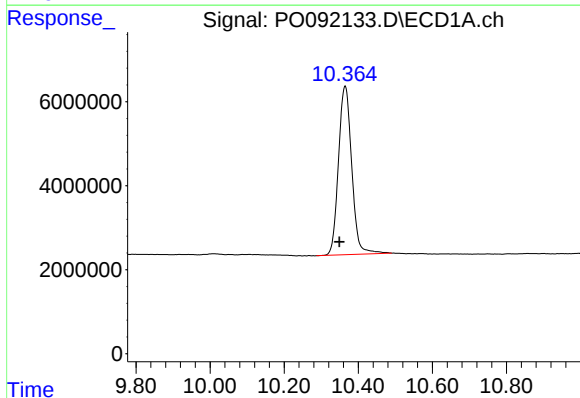
R.T.: 4.448 min
Delta R.T.: 0.003 min
Response: 130416232
Conc: 46.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



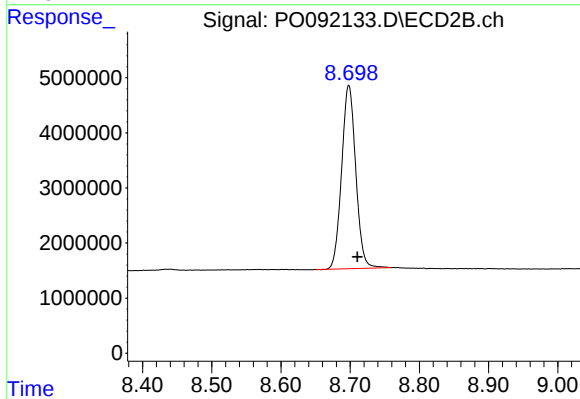
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: -0.002 min
Response: 60539112
Conc: 43.60 ng/ml



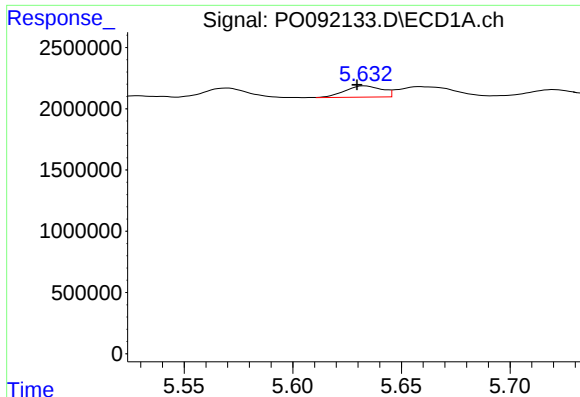
#2 Decachlorobiphenyl

R.T.: 10.365 min
Delta R.T.: 0.015 min
Response: 99736594
Conc: 50.95 ng/ml



#2 Decachlorobiphenyl

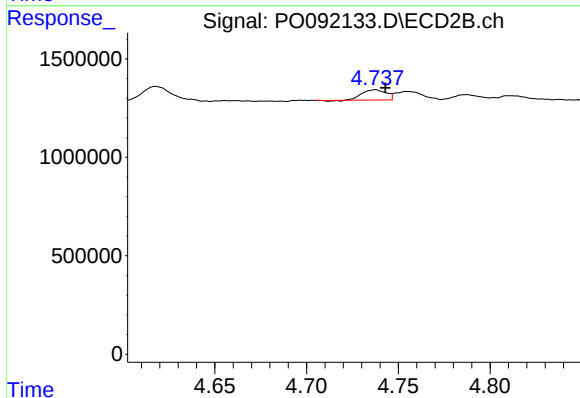
R.T.: 8.698 min
Delta R.T.: -0.012 min
Response: 47151510
Conc: 53.18 ng/ml



#3 AR-1016-1

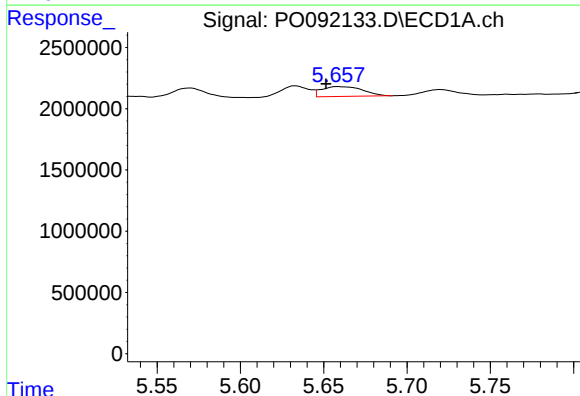
R.T.: 5.633 min
Delta R.T.: 0.004 min
Response: 1084162
Conc: 12.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



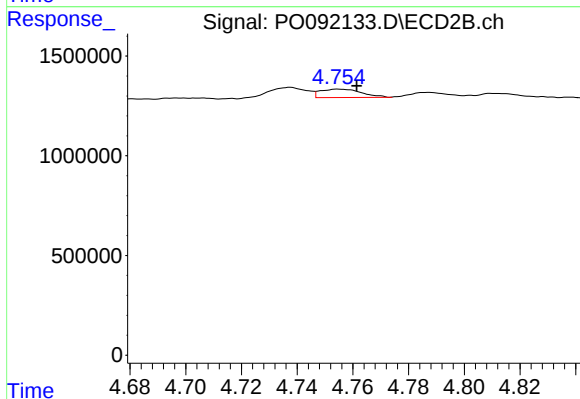
#3 AR-1016-1

R.T.: 4.737 min
Delta R.T.: -0.006 min
Response: 474469
Conc: 10.87 ng/ml



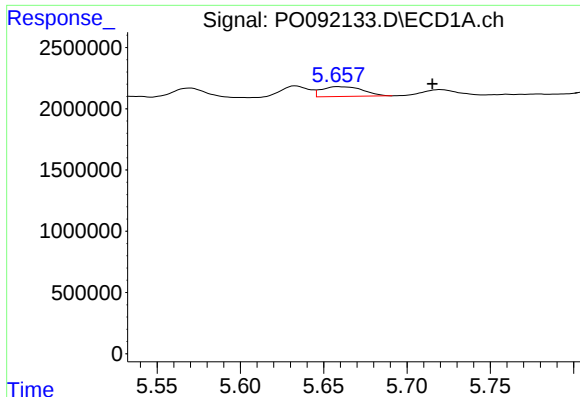
#4 AR-1016-2

R.T.: 5.659 min
Delta R.T.: 0.007 min
Response: 1377003
Conc: 10.95 ng/ml



#4 AR-1016-2

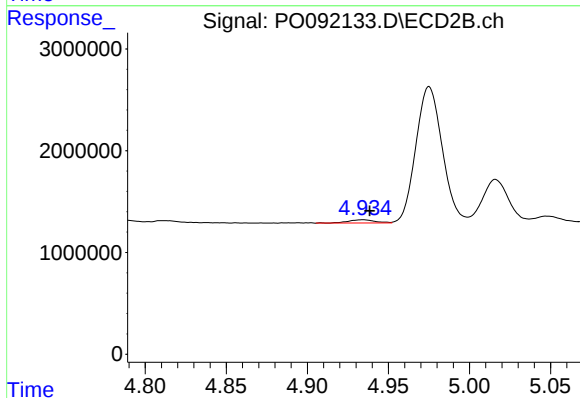
R.T.: 4.755 min
Delta R.T.: -0.006 min
Response: 431299
Conc: 6.85 ng/ml



#5 AR-1016-3

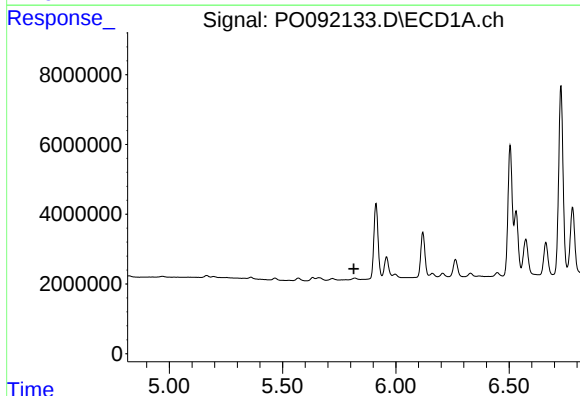
R.T.: 5.659 min
Delta R.T.: -0.057 min
Response: 1377003
Conc: 17.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



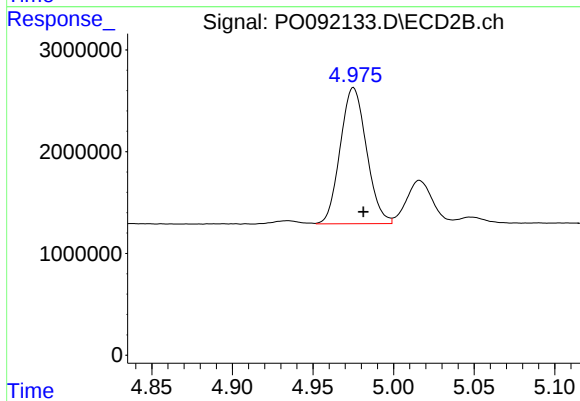
#5 AR-1016-3

R.T.: 4.934 min
Delta R.T.: -0.004 min
Response: 370539
Conc: 11.05 ng/ml



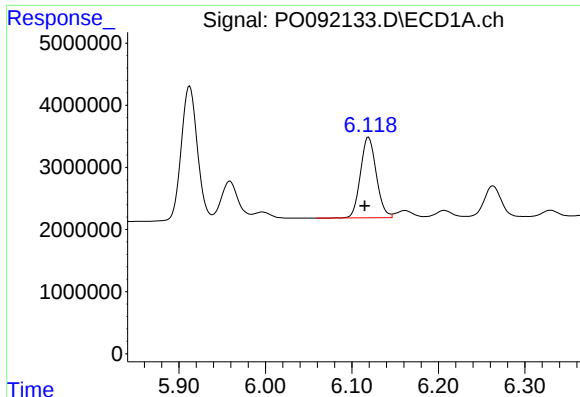
#6 AR-1016-4

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



#6 AR-1016-4

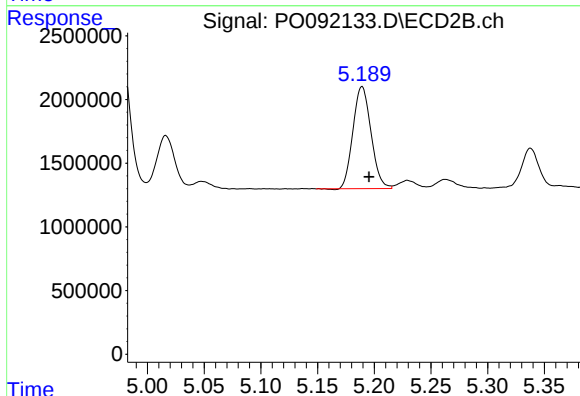
R.T.: 4.975 min
Delta R.T.: -0.006 min
Response: 15190464
Conc: 511.37 ng/ml



#7 AR-1016-5

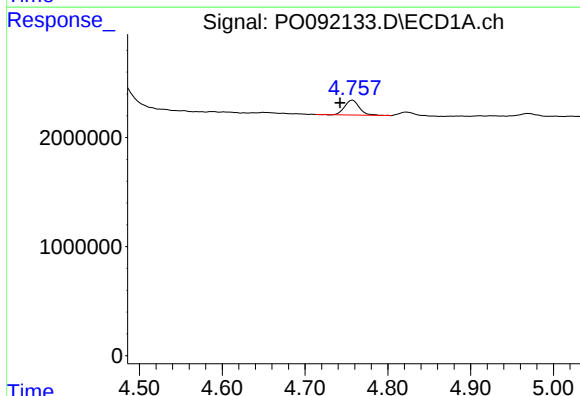
R.T.: 6.119 min
Delta R.T.: 0.004 min
Response: 16491835
Conc: 253.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



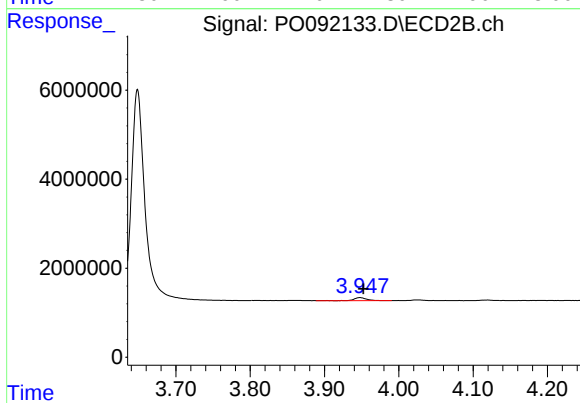
#7 AR-1016-5

R.T.: 5.189 min
Delta R.T.: -0.006 min
Response: 8890608
Conc: 241.24 ng/ml



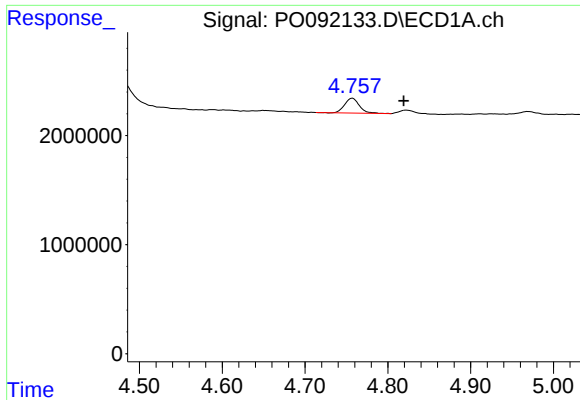
#9 AR-1221-2

R.T.: 4.757 min
Delta R.T.: 0.015 min
Response: 1656852
Conc: 65.23 ng/ml



#9 AR-1221-2

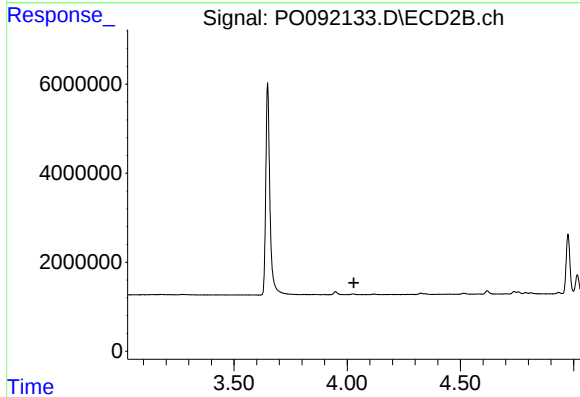
R.T.: 3.948 min
Delta R.T.: -0.004 min
Response: 847504
Conc: 64.89 ng/ml



#10 AR-1221-3

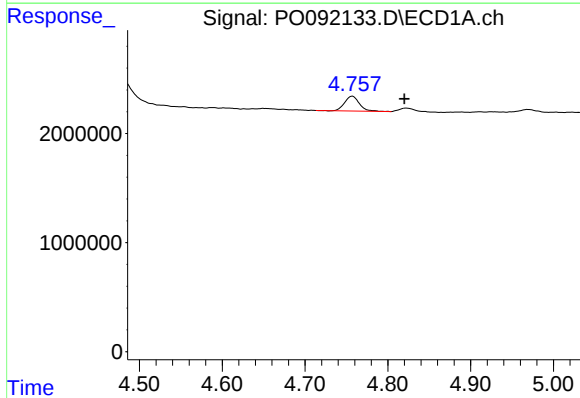
R.T.: 4.757 min
Delta R.T.: -0.062 min
Response: 1656852
Conc: 21.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



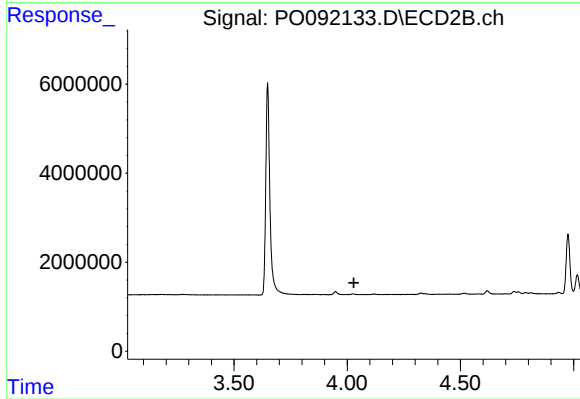
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.029 min
Response: 0
Conc: N.D.



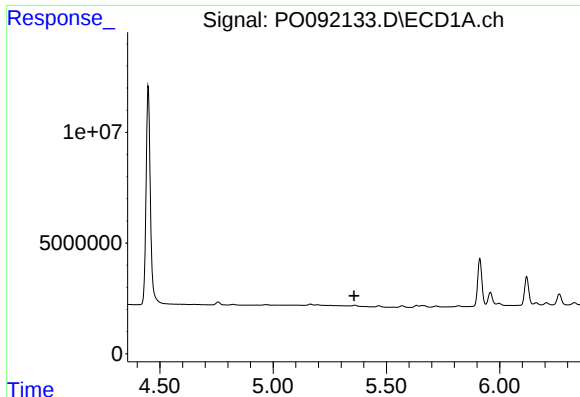
#11 AR-1232-1

R.T.: 4.757 min
Delta R.T.: -0.063 min
Response: 1656852
Conc: 24.72 ng/ml



#11 AR-1232-1

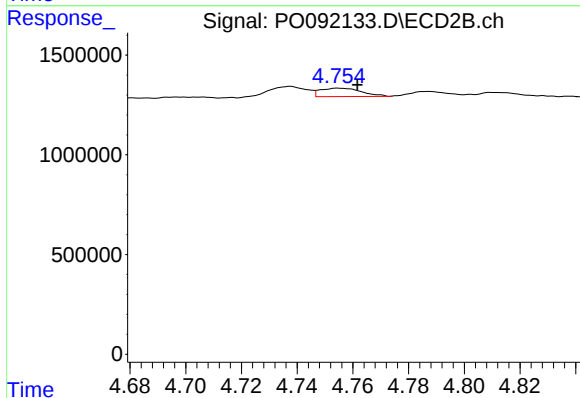
R.T.: 0.000 min
Exp R.T. : 4.030 min
Response: 0
Conc: N.D.



#12 AR-1232-2

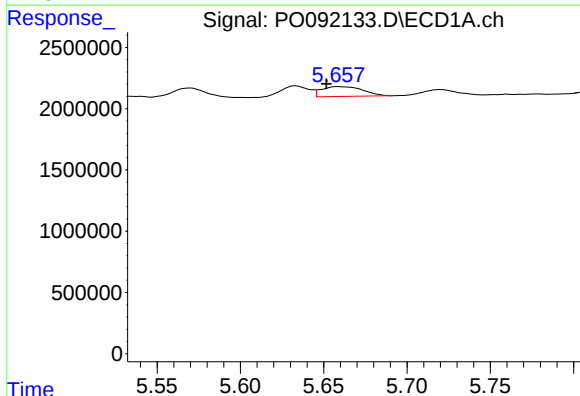
R.T.: 0.000 min
Exp R.T.: 5.357 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



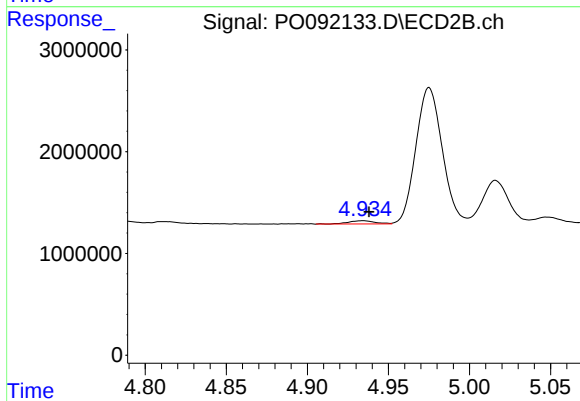
#12 AR-1232-2

R.T.: 4.755 min
Delta R.T.: -0.007 min
Response: 431299
Conc: 14.90 ng/ml



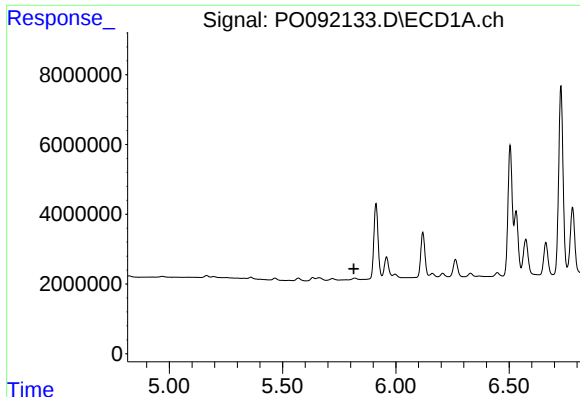
#13 AR-1232-3

R.T.: 5.659 min
Delta R.T.: 0.007 min
Response: 1377003
Conc: 24.02 ng/ml



#13 AR-1232-3

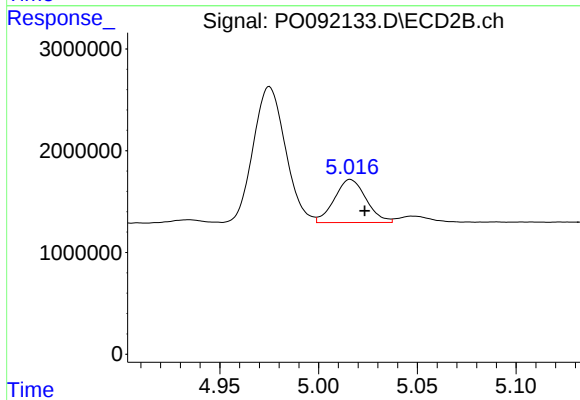
R.T.: 4.934 min
Delta R.T.: -0.004 min
Response: 370539
Conc: 24.55 ng/ml



#14 AR-1232-4

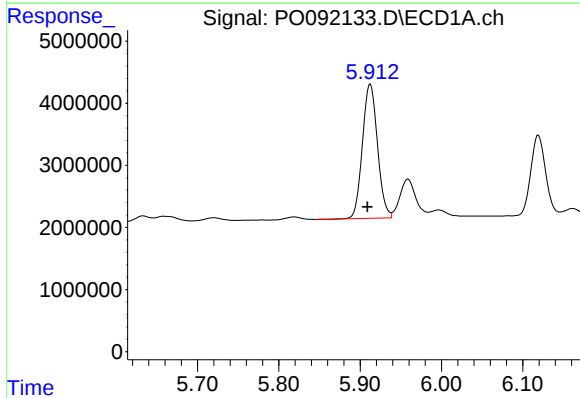
R.T.: 0.000 min
Exp R.T.: 5.814 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



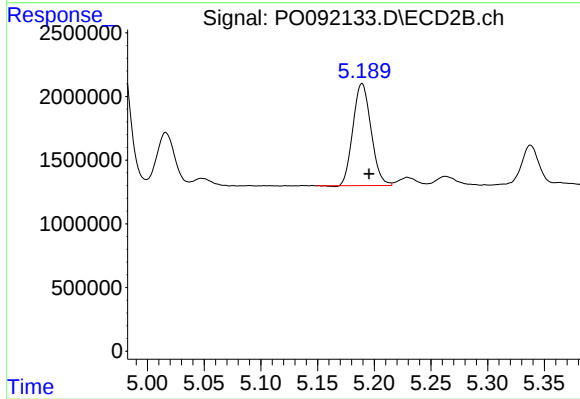
#14 AR-1232-4

R.T.: 5.016 min
Delta R.T.: -0.007 min
Response: 4739394
Conc: 314.56 ng/ml



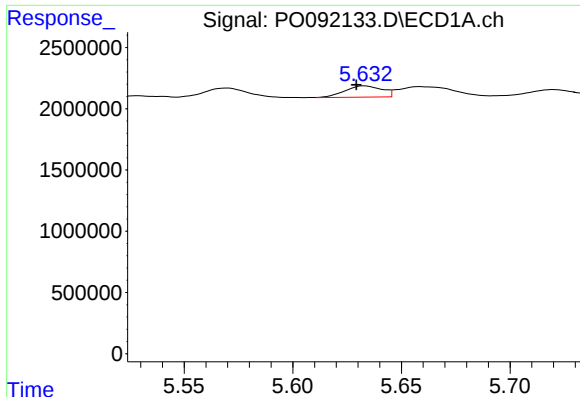
#15 AR-1232-5

R.T.: 5.912 min
Delta R.T.: 0.004 min
Response: 27735718
Conc: 1156.09 ng/ml



#15 AR-1232-5

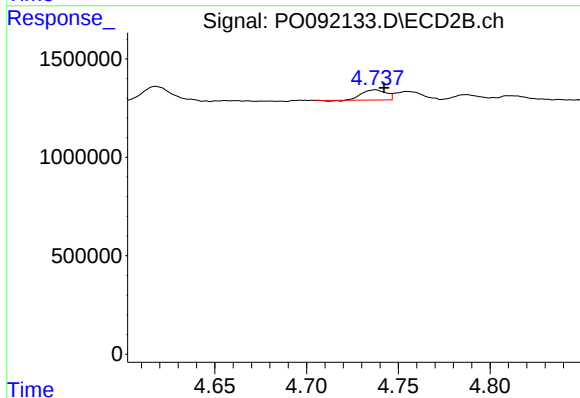
R.T.: 5.189 min
Delta R.T.: -0.006 min
Response: 8890608
Conc: 543.66 ng/ml



#16 AR-1242-1

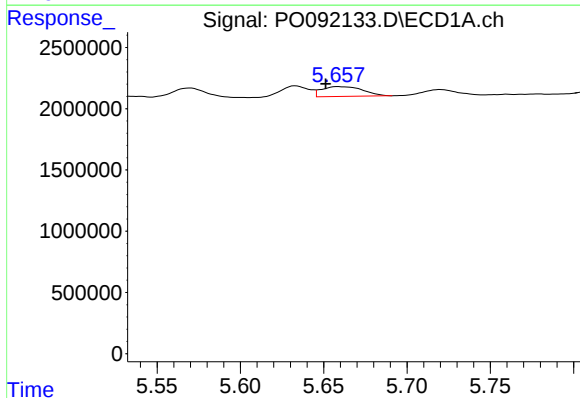
R.T.: 5.633 min
Delta R.T.: 0.004 min
Response: 1084162
Conc: 15.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



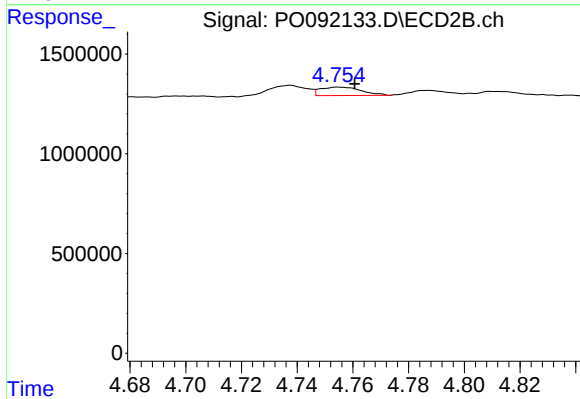
#16 AR-1242-1

R.T.: 4.737 min
Delta R.T.: -0.005 min
Response: 474469
Conc: 12.71 ng/ml



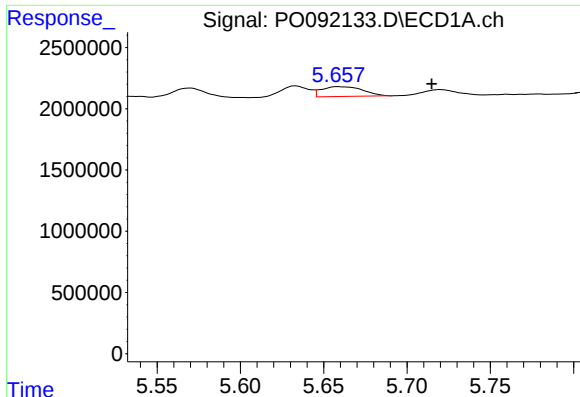
#17 AR-1242-2

R.T.: 5.659 min
Delta R.T.: 0.007 min
Response: 1377003
Conc: 13.03 ng/ml



#17 AR-1242-2

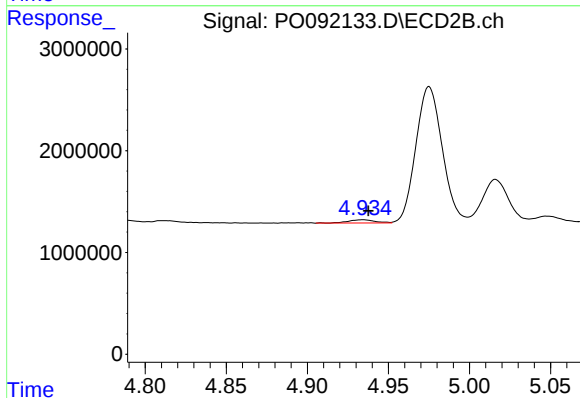
R.T.: 4.755 min
Delta R.T.: -0.006 min
Response: 431299
Conc: 8.12 ng/ml



#18 AR-1242-3

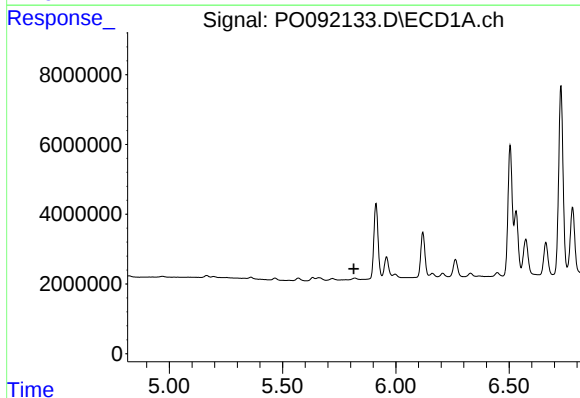
R.T.: 5.659 min
Delta R.T.: -0.056 min
Response: 1377003
Conc: 20.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



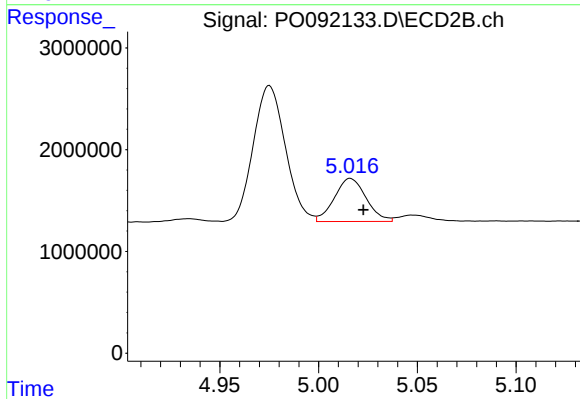
#18 AR-1242-3

R.T.: 4.934 min
Delta R.T.: -0.003 min
Response: 370539
Conc: 12.95 ng/ml



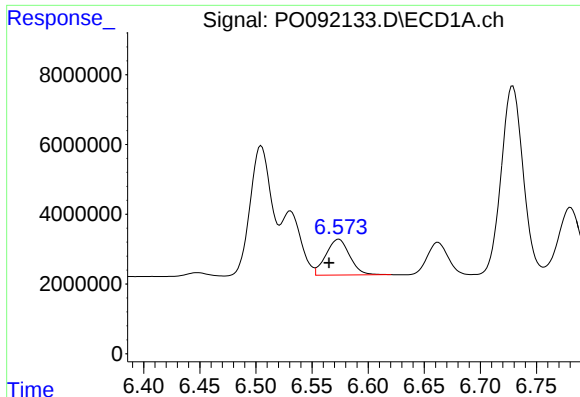
#19 AR-1242-4

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



#19 AR-1242-4

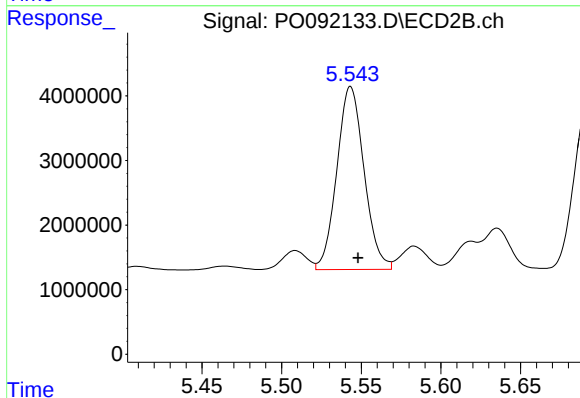
R.T.: 5.016 min
Delta R.T.: -0.006 min
Response: 4739394
Conc: 154.18 ng/ml



#20 AR-1242-5

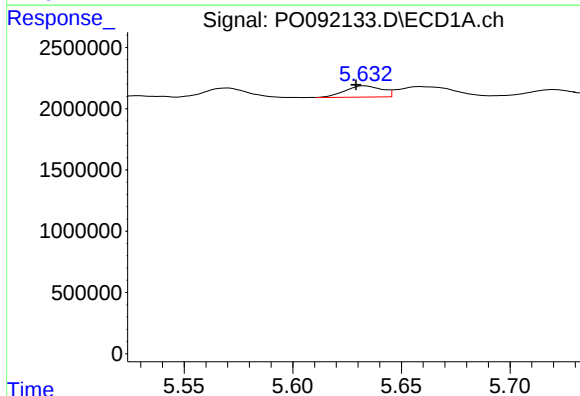
R.T.: 6.574 min
Delta R.T.: 0.009 min
Response: 15205444
Conc: 300.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



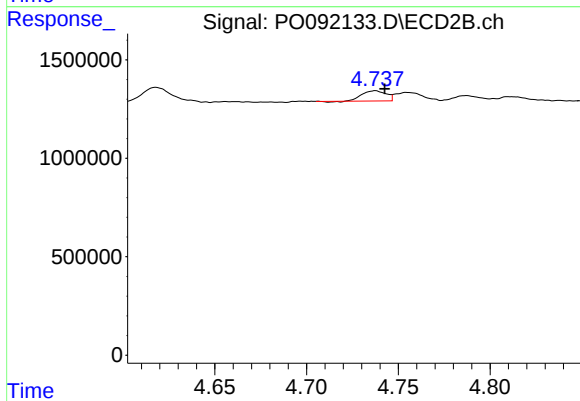
#20 AR-1242-5

R.T.: 5.543 min
Delta R.T.: -0.005 min
Response: 33705353
Conc: 1022.04 ng/ml



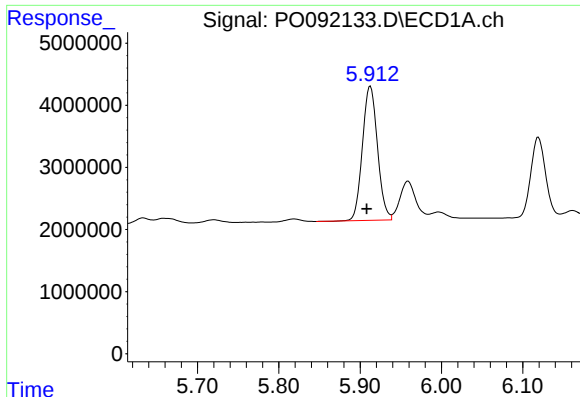
#21 AR-1248-1

R.T.: 5.633 min
Delta R.T.: 0.004 min
Response: 1084162
Conc: 19.81 ng/ml



#21 AR-1248-1

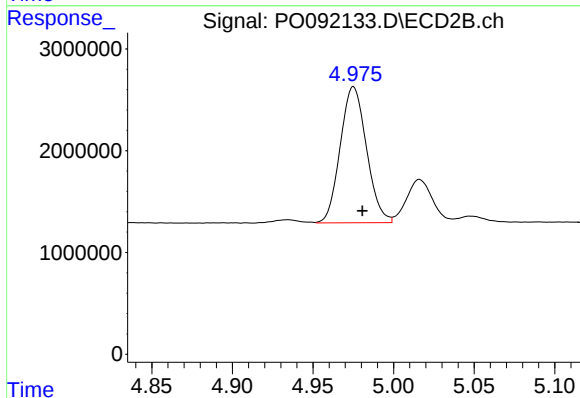
R.T.: 4.737 min
Delta R.T.: -0.005 min
Response: 474469
Conc: 16.64 ng/ml



#22 AR-1248-2

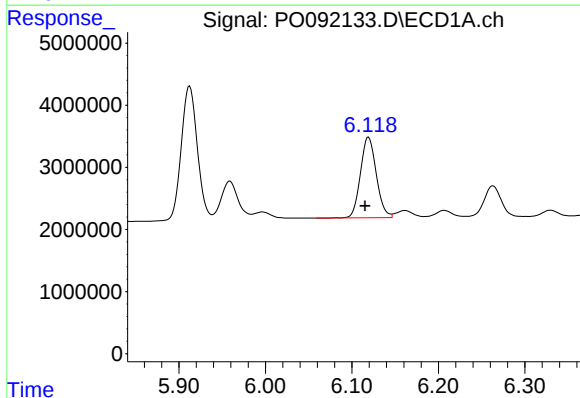
R.T.: 5.912 min
Delta R.T.: 0.004 min
Response: 27735718
Conc: 320.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



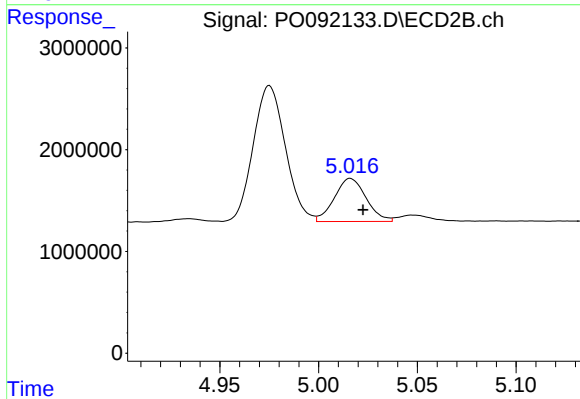
#22 AR-1248-2

R.T.: 4.975 min
Delta R.T.: -0.005 min
Response: 15190464
Conc: 342.48 ng/ml



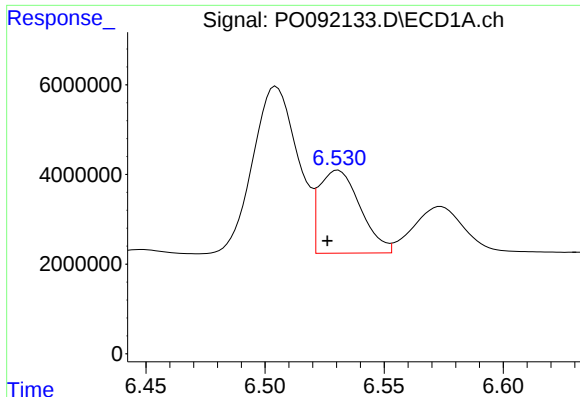
#23 AR-1248-3

R.T.: 6.119 min
Delta R.T.: 0.004 min
Response: 16491835
Conc: 179.26 ng/ml



#23 AR-1248-3

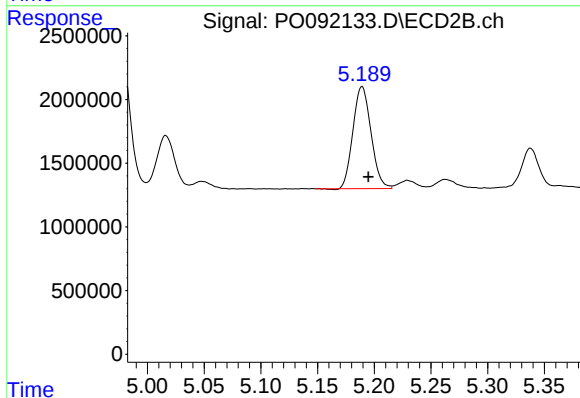
R.T.: 5.016 min
Delta R.T.: -0.006 min
Response: 4739394
Conc: 104.03 ng/ml



#24 AR-1248-4

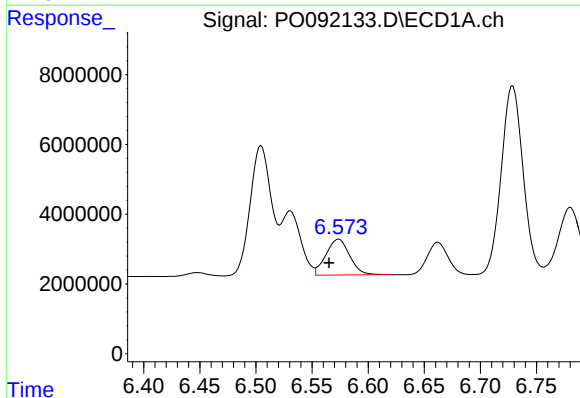
R.T.: 6.531 min
Delta R.T.: 0.005 min
Response: 22194028
Conc: 249.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



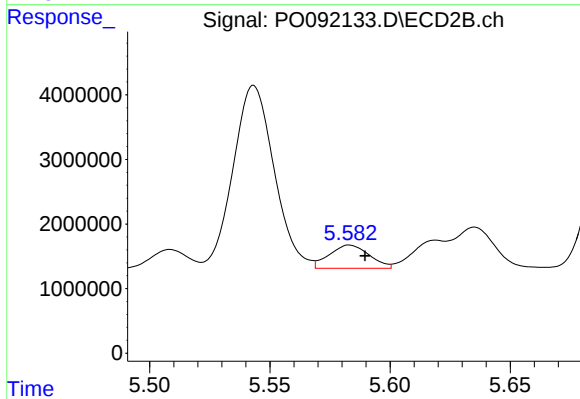
#24 AR-1248-4

R.T.: 5.189 min
Delta R.T.: -0.005 min
Response: 8890608
Conc: 170.51 ng/ml



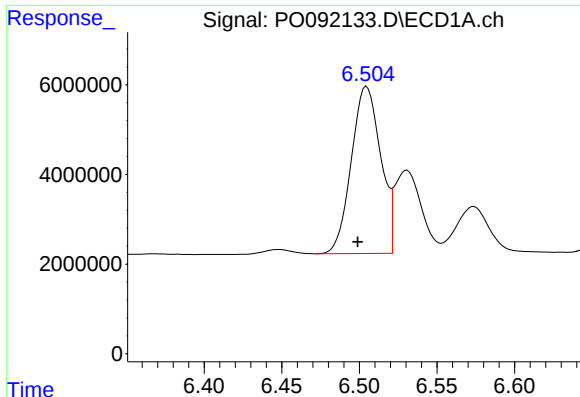
#25 AR-1248-5

R.T.: 6.574 min
Delta R.T.: 0.009 min
Response: 15205444
Conc: 175.77 ng/ml



#25 AR-1248-5

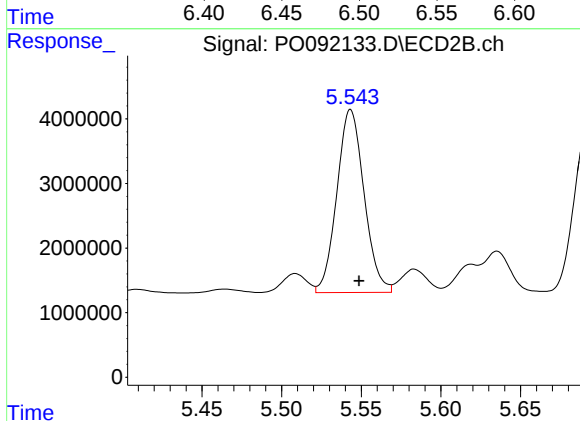
R.T.: 5.583 min
Delta R.T.: -0.007 min
Response: 4163851
Conc: 94.14 ng/ml



#26 AR-1254-1

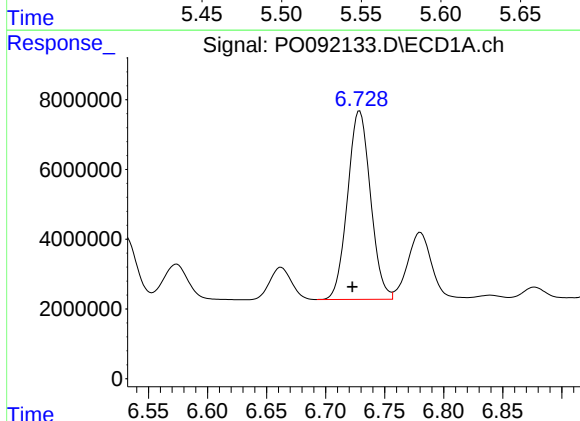
R.T.: 6.505 min
Delta R.T.: 0.006 min
Response: 49009788
Conc: 473.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



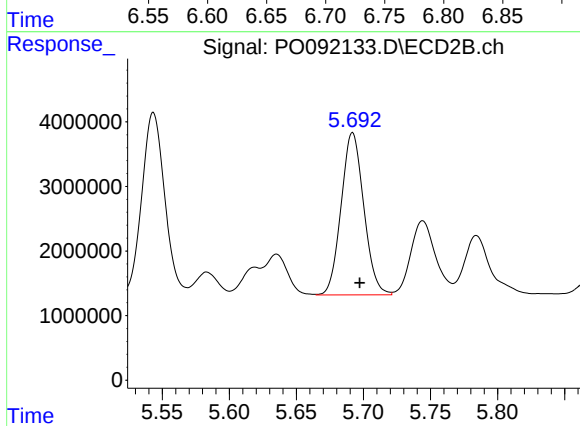
#26 AR-1254-1

R.T.: 5.543 min
Delta R.T.: -0.005 min
Response: 33705353
Conc: 456.53 ng/ml



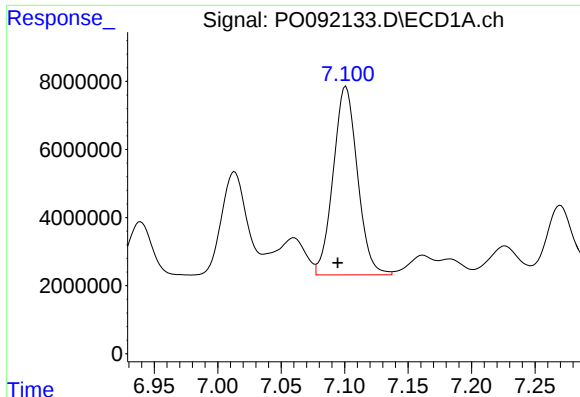
#27 AR-1254-2

R.T.: 6.729 min
Delta R.T.: 0.006 min
Response: 73158159
Conc: 482.64 ng/ml



#27 AR-1254-2

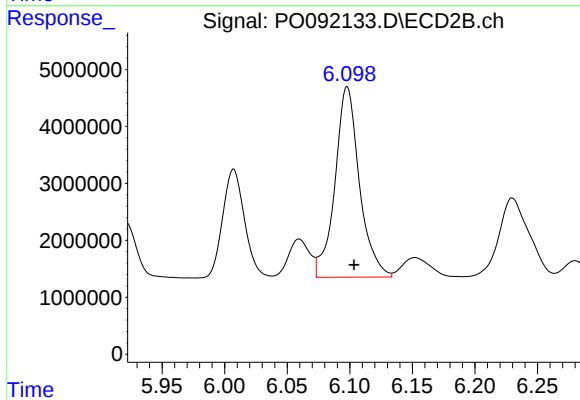
R.T.: 5.692 min
Delta R.T.: -0.005 min
Response: 29466432
Conc: 450.94 ng/ml



#28 AR-1254-3

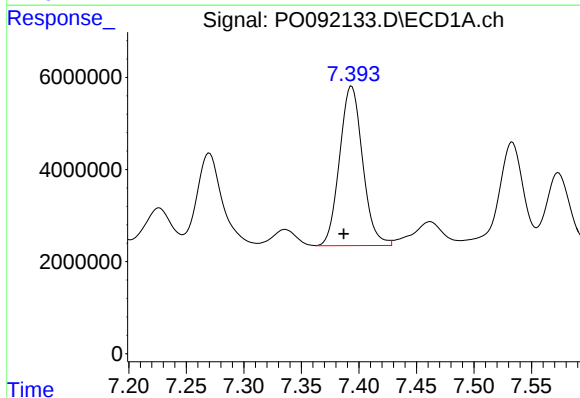
R.T.: 7.101 min
Delta R.T.: 0.006 min
Response: 73695421
Conc: 492.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



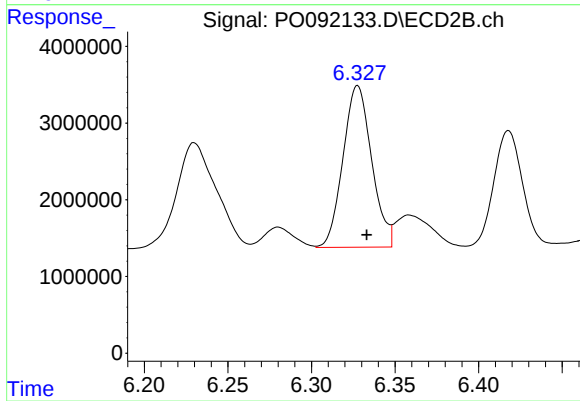
#28 AR-1254-3

R.T.: 6.098 min
Delta R.T.: -0.006 min
Response: 45551841
Conc: 469.31 ng/ml



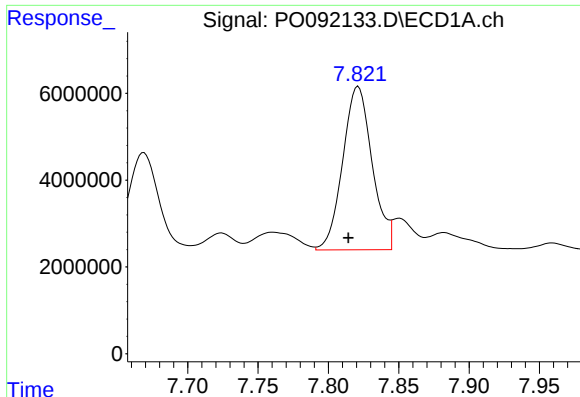
#29 AR-1254-4

R.T.: 7.394 min
Delta R.T.: 0.007 min
Response: 48379619
Conc: 509.03 ng/ml



#29 AR-1254-4

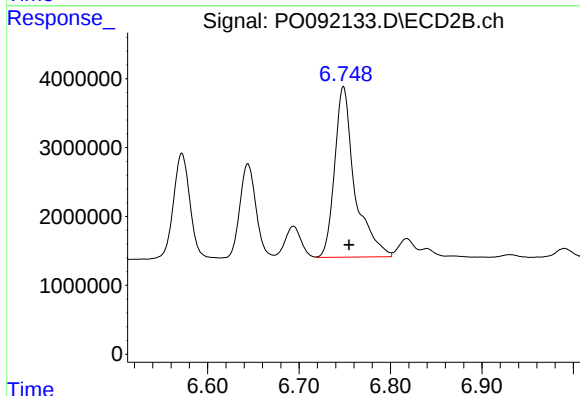
R.T.: 6.328 min
Delta R.T.: -0.005 min
Response: 25160416
Conc: 519.14 ng/ml



#30 AR-1254-5

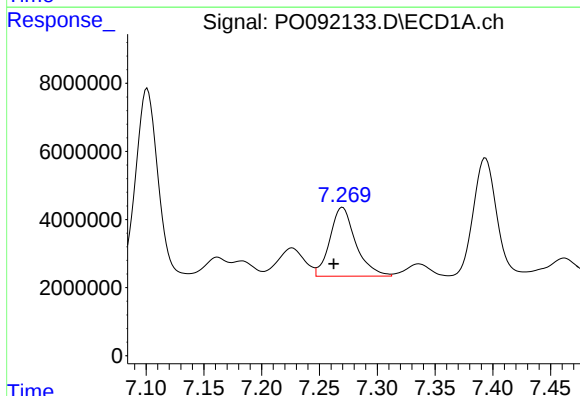
R.T.: 7.821 min
Delta R.T.: 0.007 min
Response: 54895802
Conc: 442.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



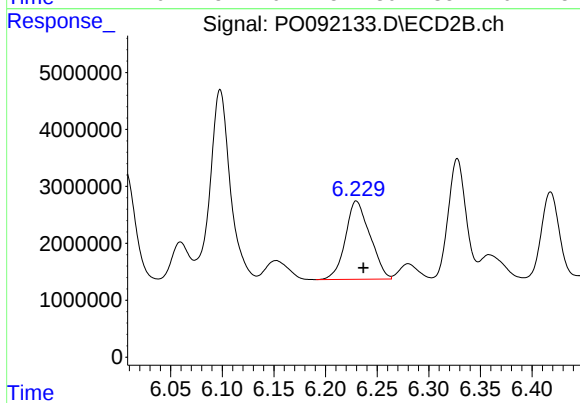
#30 AR-1254-5

R.T.: 6.749 min
Delta R.T.: -0.006 min
Response: 37878877
Conc: 491.91 ng/ml



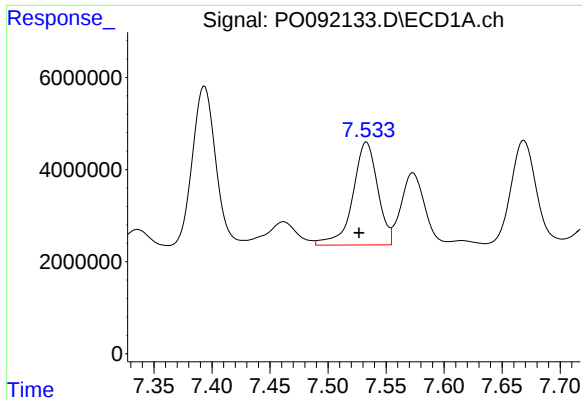
#31 AR-1260-1

R.T.: 7.270 min
Delta R.T.: 0.008 min
Response: 31487695
Conc: 262.26 ng/ml



#31 AR-1260-1

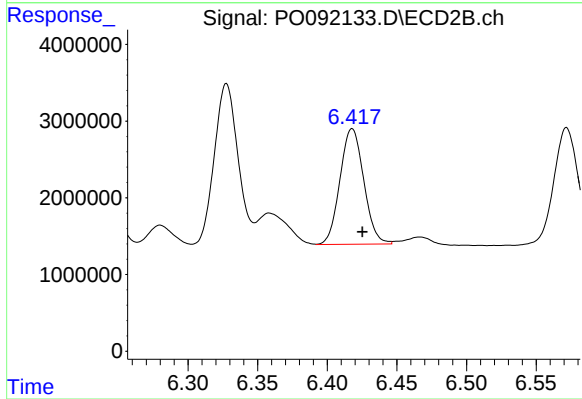
R.T.: 6.230 min
Delta R.T.: -0.007 min
Response: 22769124
Conc: 350.15 ng/ml



#32 AR-1260-2

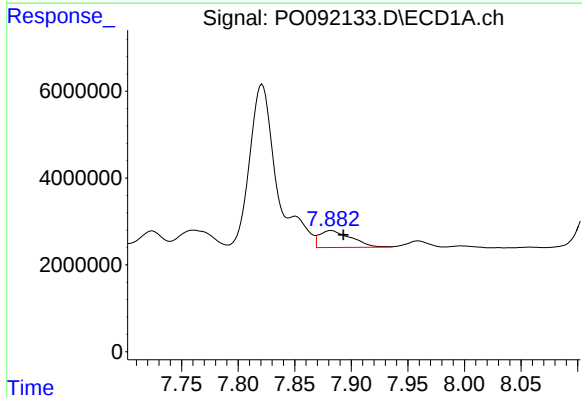
R.T.: 7.533 min
Delta R.T.: 0.007 min
Response: 33289751
Conc: 259.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



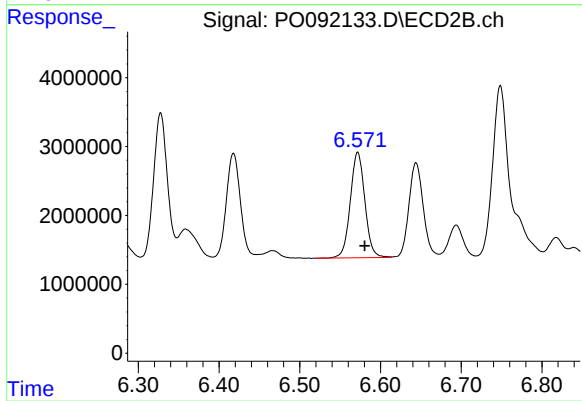
#32 AR-1260-2

R.T.: 6.418 min
Delta R.T.: -0.007 min
Response: 17920206
Conc: 244.65 ng/ml



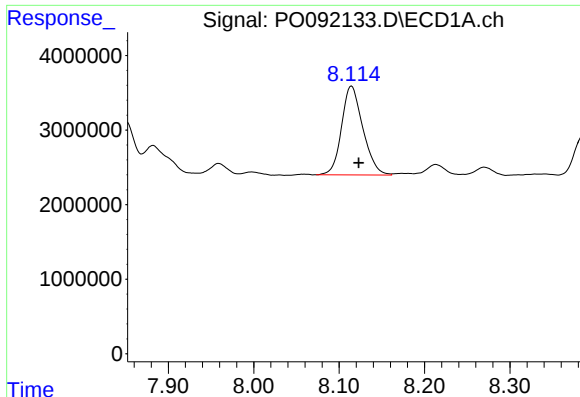
#33 AR-1260-3

R.T.: 7.882 min
Delta R.T.: -0.011 min
Response: 7626268
Conc: 73.14 ng/ml



#33 AR-1260-3

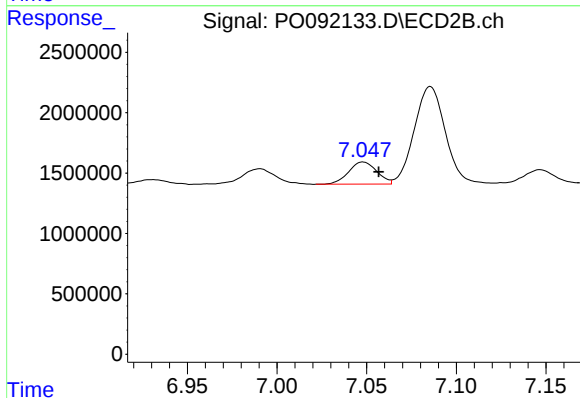
R.T.: 6.572 min
Delta R.T.: -0.009 min
Response: 19158007
Conc: 267.86 ng/ml



#34 AR-1260-4

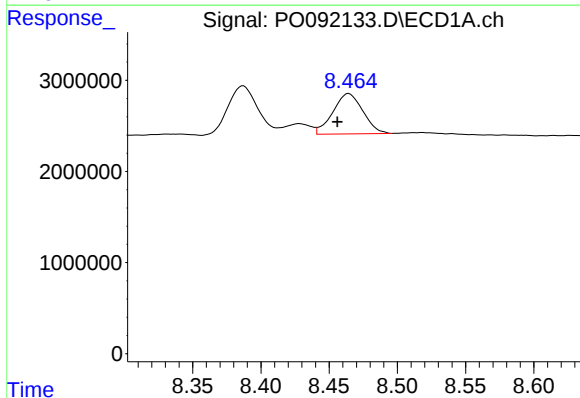
R.T.: 8.115 min
Delta R.T.: -0.008 min
Response: 20653694
Conc: 178.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



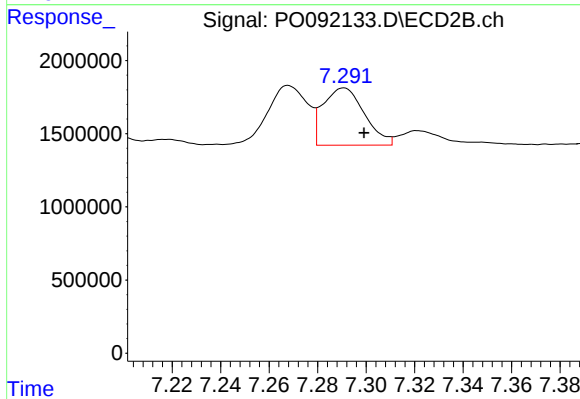
#34 AR-1260-4

R.T.: 7.048 min
Delta R.T.: -0.009 min
Response: 2003940
Conc: 37.19 ng/ml



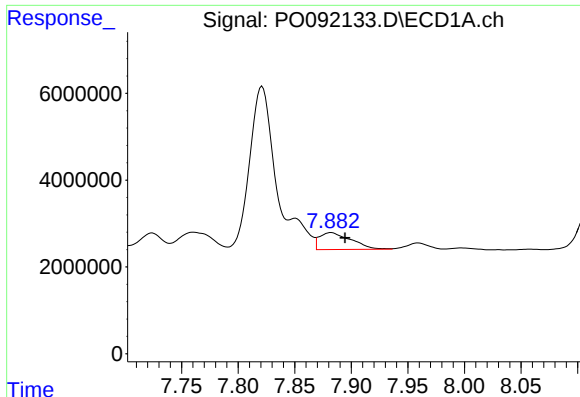
#35 AR-1260-5

R.T.: 8.464 min
Delta R.T.: 0.008 min
Response: 6758737
Conc: 33.84 ng/ml



#35 AR-1260-5

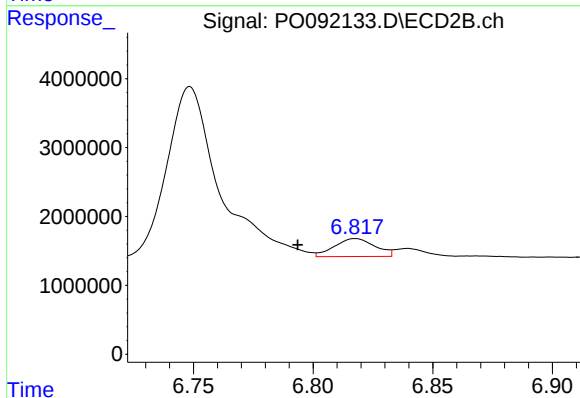
R.T.: 7.291 min
Delta R.T.: -0.008 min
Response: 4634488
Conc: 41.30 ng/ml



#36 AR-1262-1

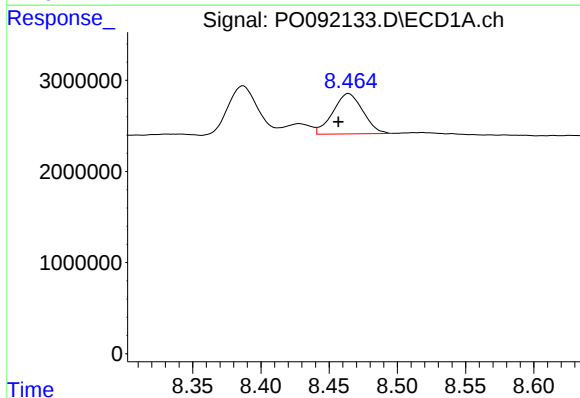
R.T.: 7.882 min
Delta R.T.: -0.012 min
Response: 7626268
Conc: 59.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



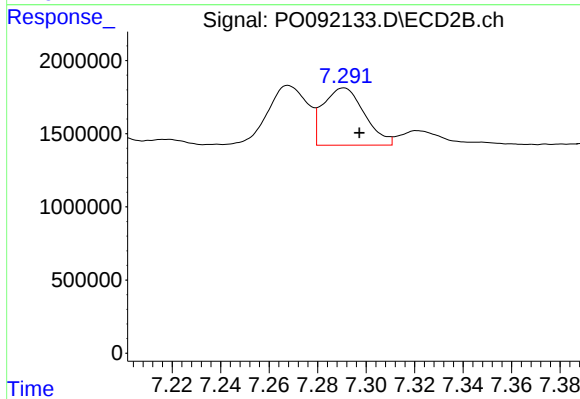
#36 AR-1262-1

R.T.: 6.818 min
Delta R.T.: 0.024 min
Response: 3076782
Conc: 40.16 ng/ml



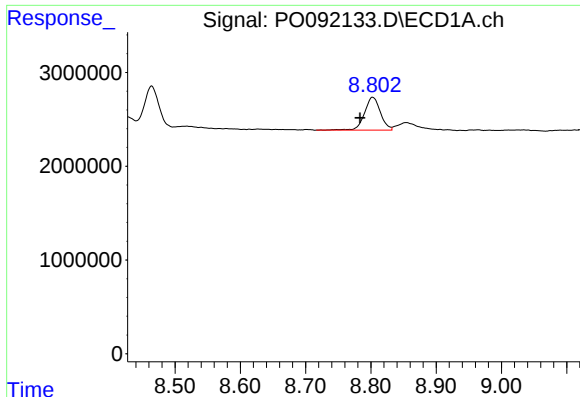
#37 AR-1262-2

R.T.: 8.464 min
Delta R.T.: 0.008 min
Response: 6758737
Conc: 34.83 ng/ml



#37 AR-1262-2

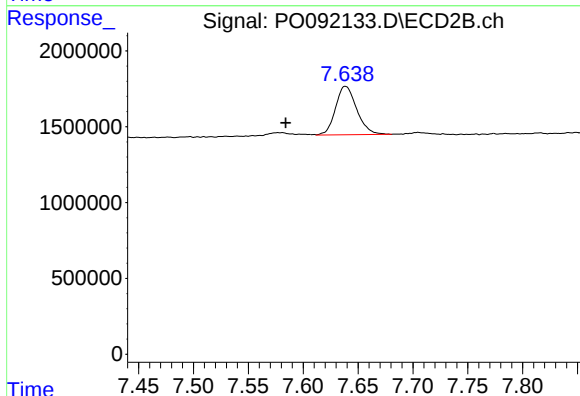
R.T.: 7.291 min
Delta R.T.: -0.006 min
Response: 4634488
Conc: 40.03 ng/ml



#38 AR-1262-3

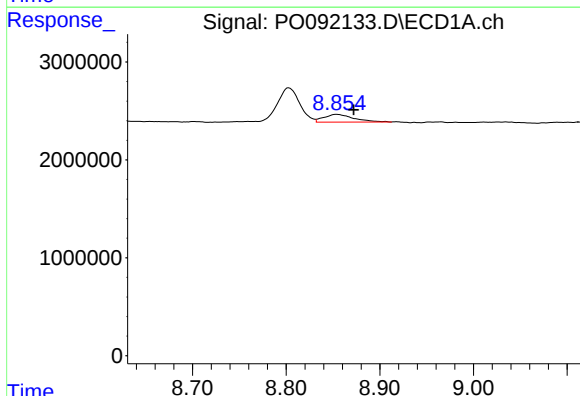
R.T.: 8.803 min
Delta R.T.: 0.019 min
Response: 5915143
Conc: 41.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



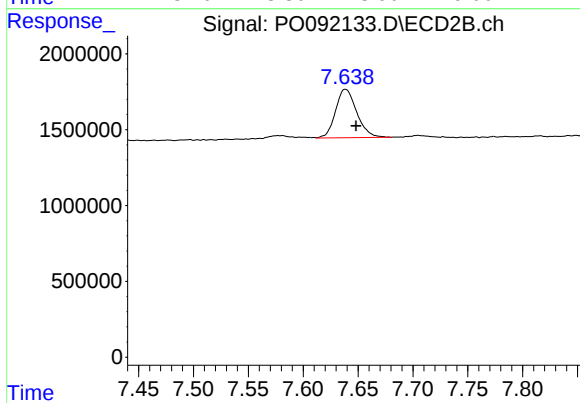
#38 AR-1262-3

R.T.: 7.639 min
Delta R.T.: 0.054 min
Response: 4298976
Conc: 96.14 ng/ml



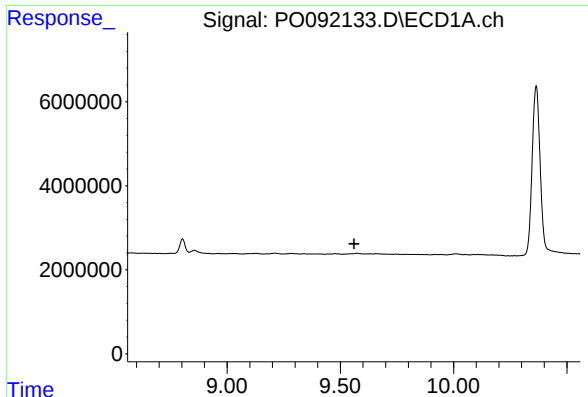
#39 AR-1262-4

R.T.: 8.854 min
Delta R.T.: -0.018 min
Response: 1751434
Conc: 20.78 ng/ml



#39 AR-1262-4

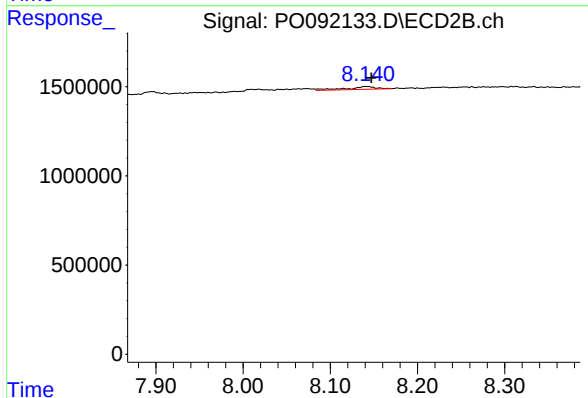
R.T.: 7.639 min
Delta R.T.: -0.010 min
Response: 4298976
Conc: 51.77 ng/ml



#40 AR-1262-5

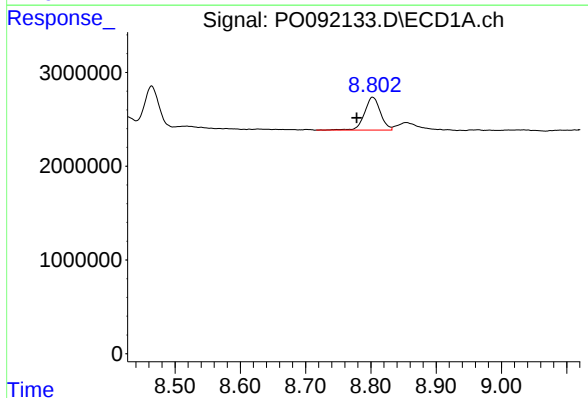
R.T.: 0.000 min
Exp R.T.: 9.560 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



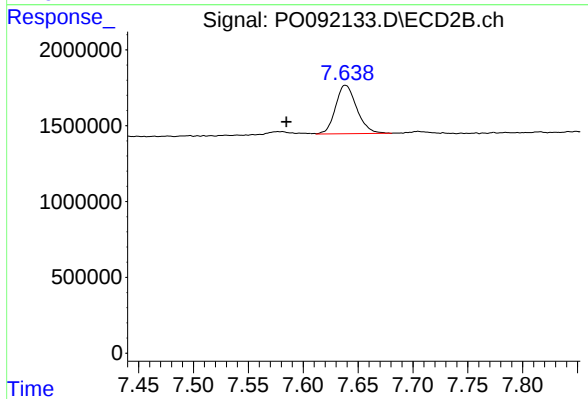
#40 AR-1262-5

R.T.: 8.141 min
Delta R.T.: -0.006 min
Response: 370014
Conc: 10.15 ng/ml



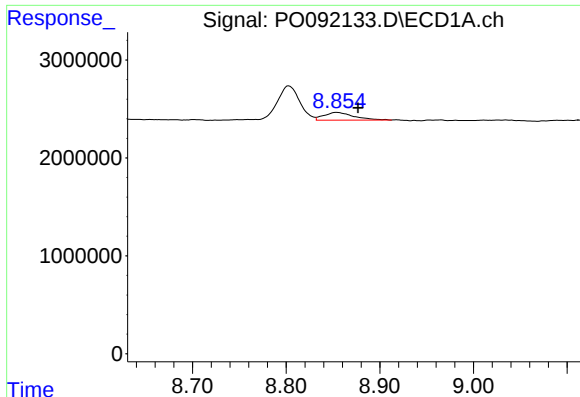
#41 AR-1268-1

R.T.: 8.803 min
Delta R.T.: 0.025 min
Response: 5915143
Conc: 20.61 ng/ml



#41 AR-1268-1

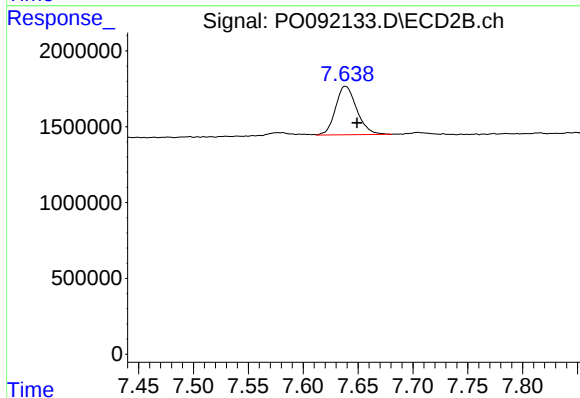
R.T.: 7.639 min
Delta R.T.: 0.054 min
Response: 4298976
Conc: 28.21 ng/ml



#42 AR-1268-2

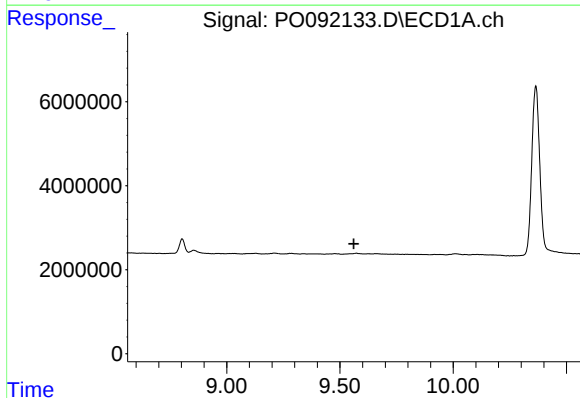
R.T.: 8.854 min
Delta R.T.: -0.023 min
Response: 1751434
Conc: 6.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



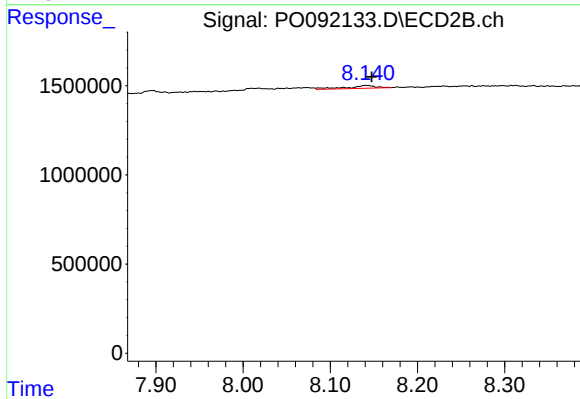
#42 AR-1268-2

R.T.: 7.639 min
Delta R.T.: -0.011 min
Response: 4298976
Conc: 31.41 ng/ml



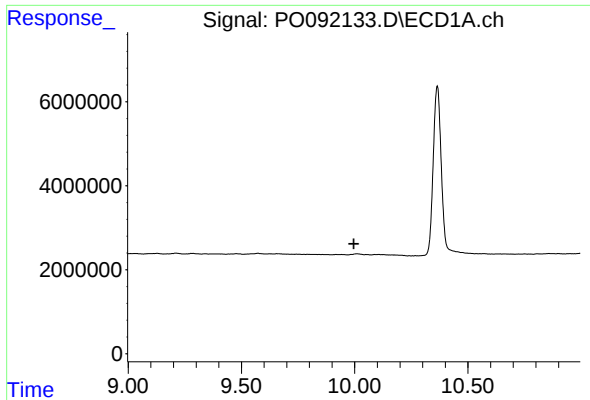
#44 AR-1268-4

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



#44 AR-1268-4

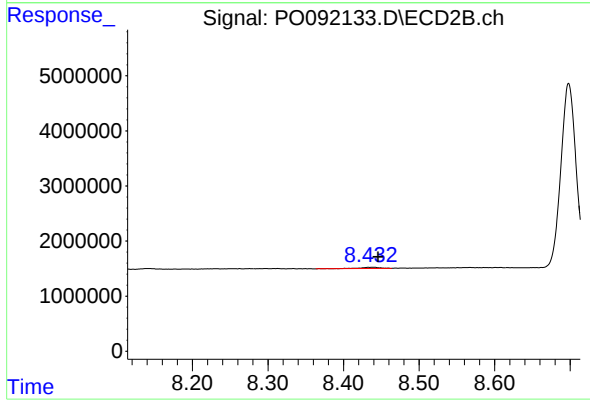
R.T.: 8.141 min
Delta R.T.: -0.007 min
Response: 370014
Conc: 7.81 ng/ml



#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.: 8.440 min
Delta R.T.: -0.005 min
Response: 405752
Conc: 1.09 ng/ml