

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0020623\
 Data File : P0092378.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2023 11:02
 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: Feb 06 16:27:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 04:40:59 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	3.644	137.9E6	64031204	47.633	45.602
2)	SA Decachlor...	10.371	8.686	103.2E6	53196155	50.023	47.122
Target Compounds							
3)	L1 AR-1016-1	5.634	4.731	1327723	550189	14.517	11.971
4)	L1 AR-1016-2	5.661	4.749	1696612	377035	12.670	5.749 #
5)	L1 AR-1016-3	5.661f	4.929	1696612	326319	19.716	9.230 #
6)	L1 AR-1016-4	0.000	4.969	0	15041331	N.D.	483.535 #
7)	L1 AR-1016-5	6.120	5.183	18355961	9939209	255.475	249.942
8)	L2 AR-1221-1	0.000	3.943f	0	968794	N.D.	51.176 #
9)	L2 AR-1221-2	4.756	3.943	1832126	968794	66.203	68.934
10)	L2 AR-1221-3	4.756f	0.000	1832126	0	21.712	N.D. #
11)	L3 AR-1232-1	4.756f	0.000	1832126	0	26.478	N.D. #
12)	L3 AR-1232-2	5.361	4.749	6041221	377035	172.909	12.299 #
13)	L3 AR-1232-3	5.661	4.929	1696612	326319	27.712	20.269 #
14)	L3 AR-1232-4	0.000	5.010	0	4928847	N.D.	301.764 #
15)	L3 AR-1232-5	5.913	5.183	31262040	9939209	1264.926	555.674 #
16)	L4 AR-1242-1	5.634	4.731	1327723	550189	17.025	14.106
17)	L4 AR-1242-2	5.661	4.749	1696612	377035	15.072	6.942 #
18)	L4 AR-1242-3	5.661f	4.929	1696612	326319	23.372	11.204 #
19)	L4 AR-1242-4	0.000	5.010	0	4928847	N.D.	153.232 #
20)	L4 AR-1242-5	6.575	5.537	15897037	37708553	284.781	1041.622 #
21)	L5 AR-1248-1	5.634	4.731	1327723	550189	22.874	18.886
22)	L5 AR-1248-2	5.913	4.969	31262040	15041331	342.097	333.383
23)	L5 AR-1248-3	6.120	5.010	18355961	4928847	187.165	105.679 #
24)	L5 AR-1248-4	6.533	5.183	23945997	9939209	244.574	184.985
25)	L5 AR-1248-5	6.575	5.577	15897037	6122405	168.616	129.323
26)	L6 AR-1254-1	6.507	5.537	38914779	37708553	351.484	481.040 #
27)	L6 AR-1254-2	6.730	5.685	78551424	33446222	483.231	483.391
28)	L6 AR-1254-3	7.103	6.090	85037102	49374259	515.597	462.587
29)	L6 AR-1254-4	7.396	6.320	60132334	27933580	549.729	474.300
30)	L6 AR-1254-5	7.825	6.741	76243378	41693819	541.890	458.095
31)	L7 AR-1260-1	7.272	6.222	42790226	25683401	324.769	339.999
32)	L7 AR-1260-2	7.536	6.410	44820565	20438017	302.256	233.274
33)	L7 AR-1260-3	7.885	6.563	13554876	20048487	119.676	231.268 #
34)	L7 AR-1260-4	8.118	7.040	26275668	2177076	211.960	32.509 #
35)	L7 AR-1260-5	8.468	7.282	7730366	5104737	34.812	35.873
36)	L8 AR-1262-1	7.825	6.741	76243378	41693819	705.630	898.384 #
37)	L8 AR-1262-2	8.468	7.282	7730366	5104737	32.383	34.599
38)	L8 AR-1262-3	8.807	7.630f	6253032	4818572	36.990	77.101 #
39)	L8 AR-1262-4	8.858	7.630	1328566	4818572	13.059	43.981 #
41)	L9 AR-1268-1	8.807	7.630f	6253032	4818572	19.767	26.481 #
42)	L9 AR-1268-2	8.858	7.630	1328566	4818572	4.402	29.118 #

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 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
43) L9	AR-1268-3	0.000	7.888f	0	239391	N.D.	1.612 #

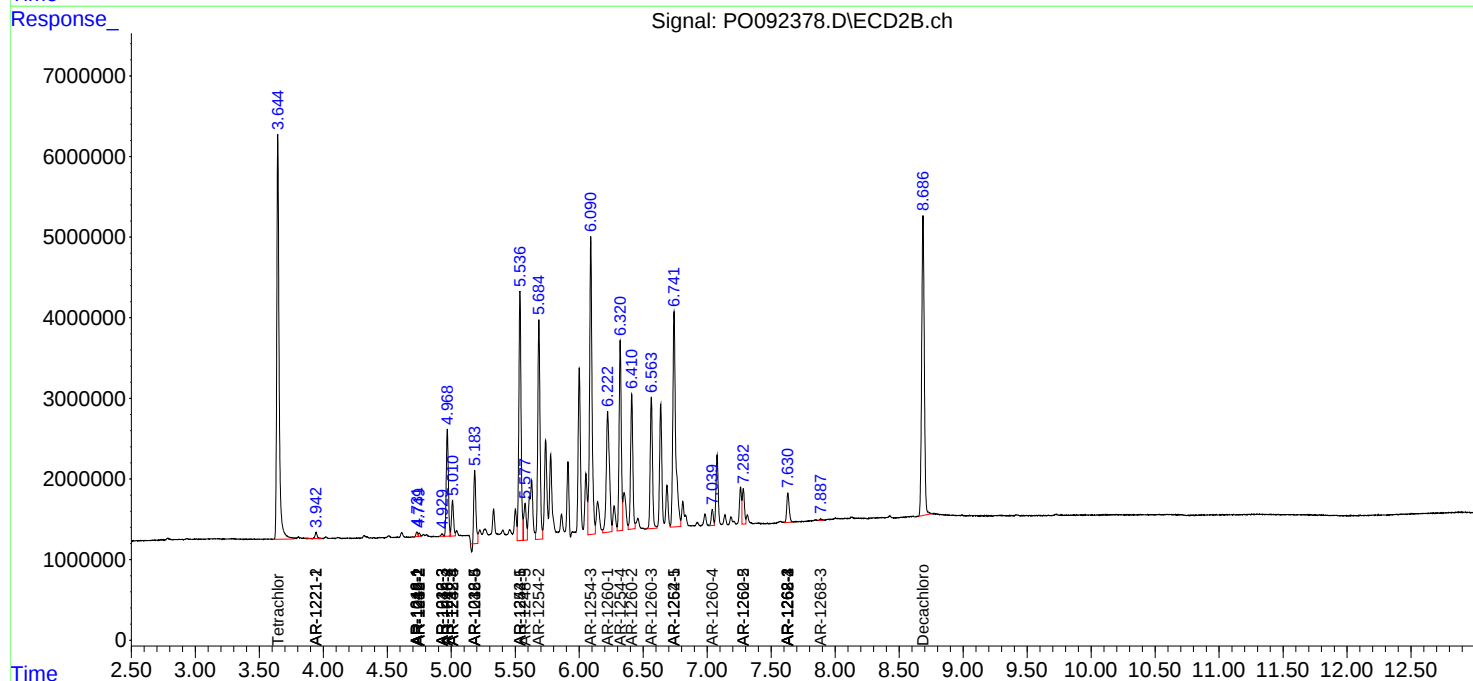
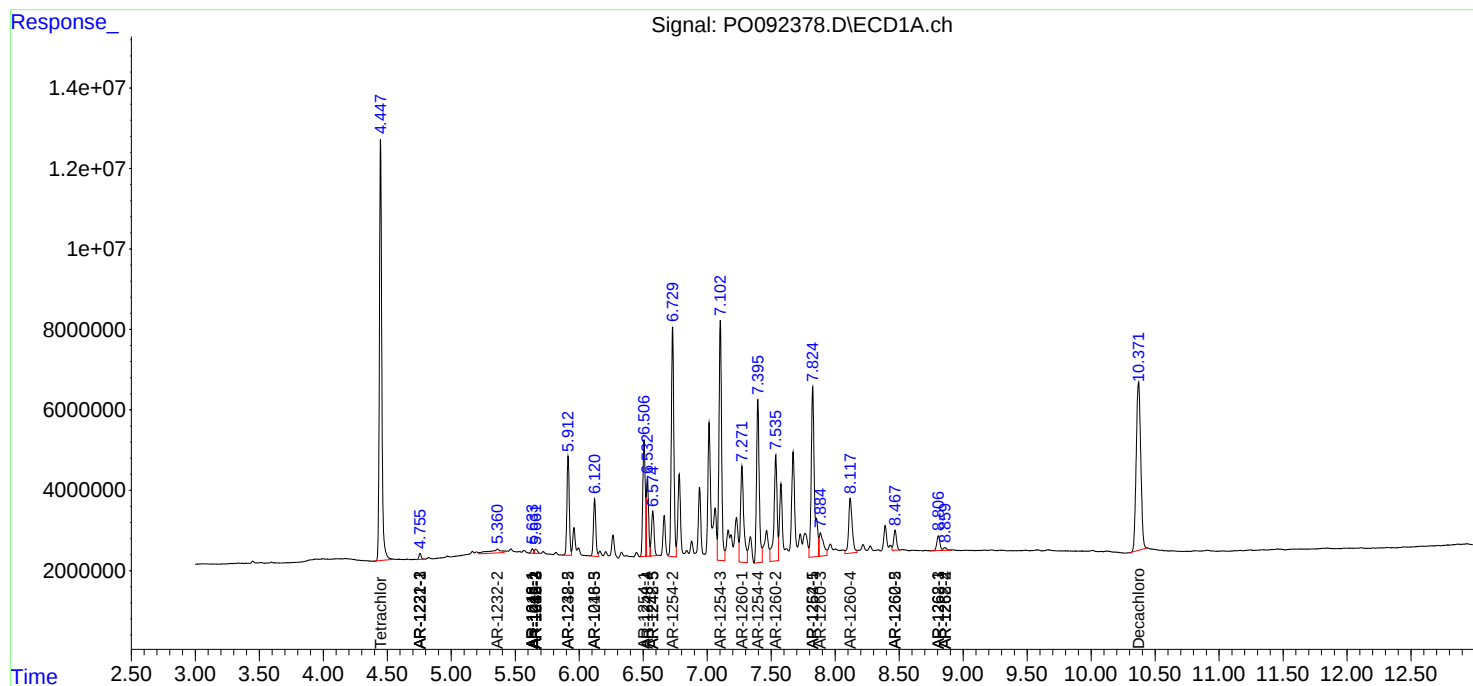
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

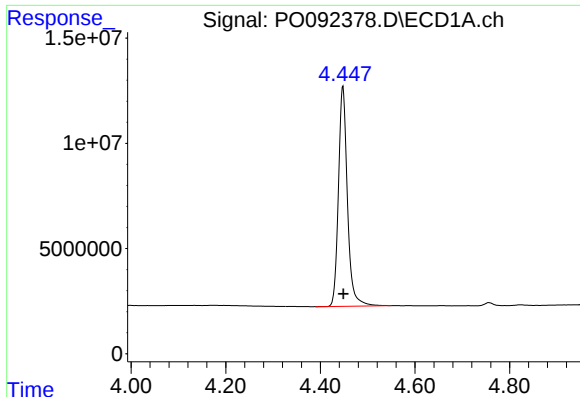
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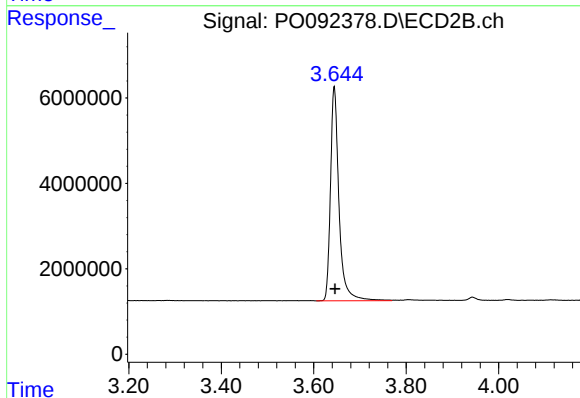




#1 Tetrachloro-m-xylene

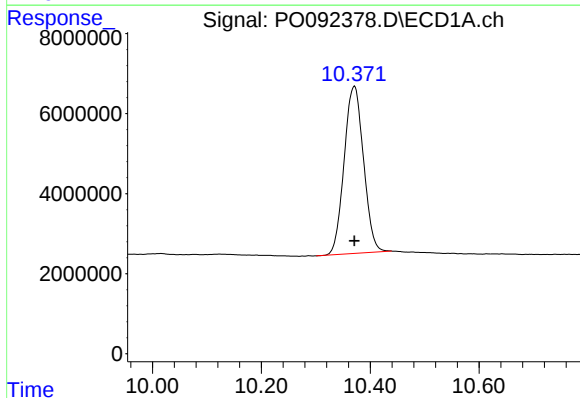
R.T.: 4.448 min
Delta R.T.: -0.001 min
Response: 137891677
Conc: 47.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



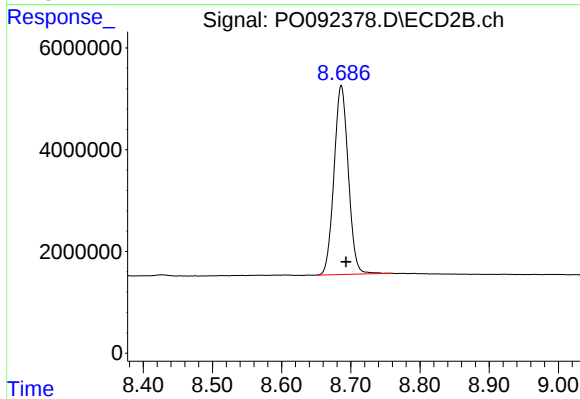
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.002 min
Response: 64031204
Conc: 45.60 ng/ml



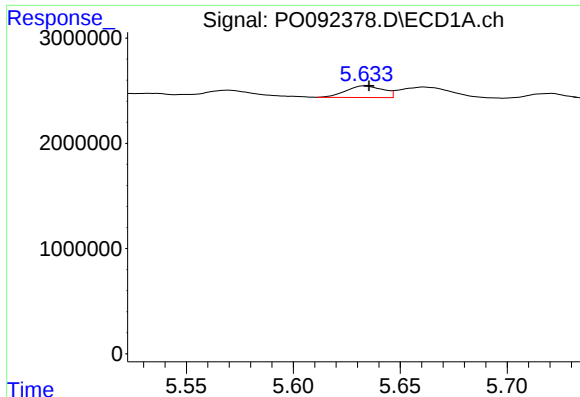
#2 Decachlorobiphenyl

R.T.: 10.371 min
Delta R.T.: 0.000 min
Response: 103243708
Conc: 50.02 ng/ml



#2 Decachlorobiphenyl

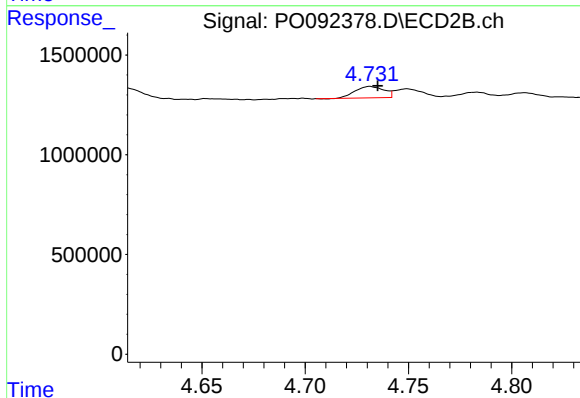
R.T.: 8.686 min
Delta R.T.: -0.007 min
Response: 53196155
Conc: 47.12 ng/ml



#3 AR-1016-1

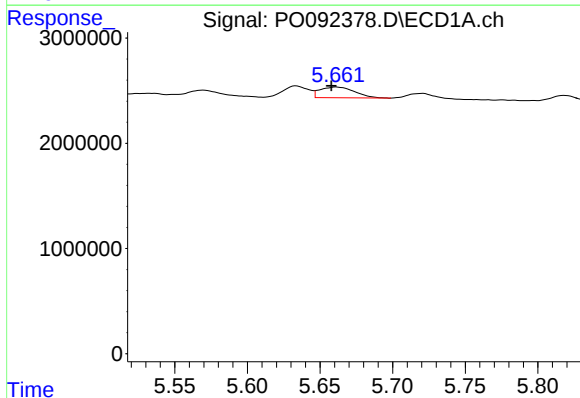
R.T.: 5.634 min
Delta R.T.: -0.002 min
Response: 1327723
Conc: 14.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



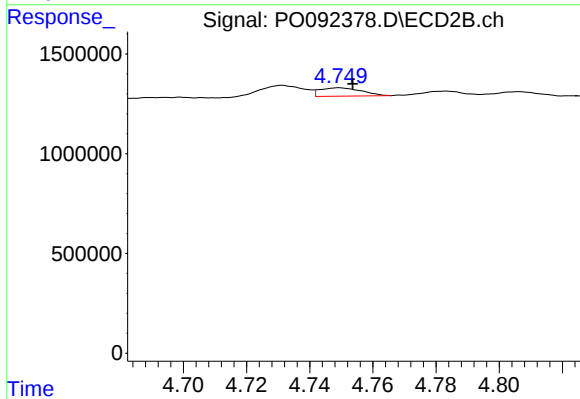
#3 AR-1016-1

R.T.: 4.731 min
Delta R.T.: -0.004 min
Response: 550189
Conc: 11.97 ng/ml



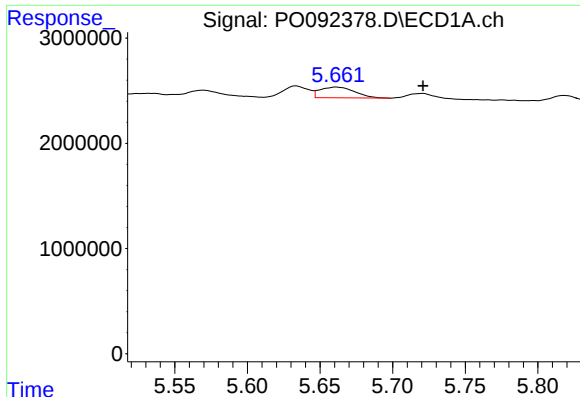
#4 AR-1016-2

R.T.: 5.661 min
Delta R.T.: 0.004 min
Response: 1696612
Conc: 12.67 ng/ml



#4 AR-1016-2

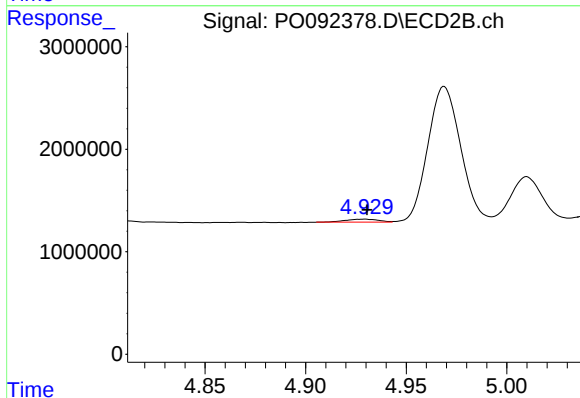
R.T.: 4.749 min
Delta R.T.: -0.004 min
Response: 377035
Conc: 5.75 ng/ml



#5 AR-1016-3

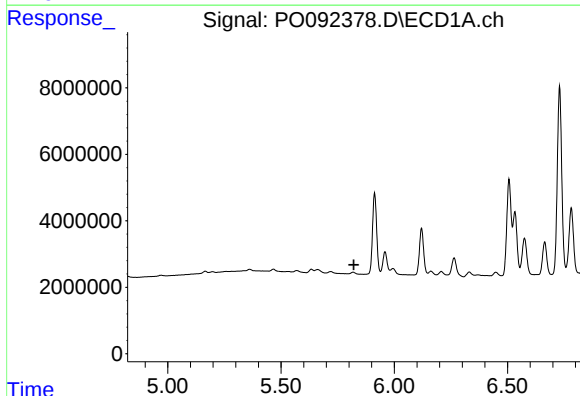
R.T.: 5.661 min
Delta R.T.: -0.060 min
Response: 1696612
Conc: 19.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



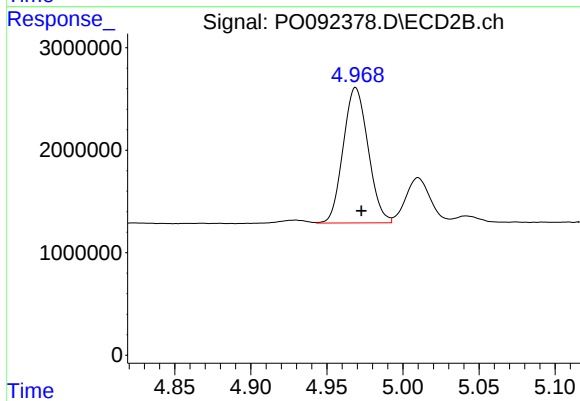
#5 AR-1016-3

R.T.: 4.929 min
Delta R.T.: -0.002 min
Response: 326319
Conc: 9.23 ng/ml



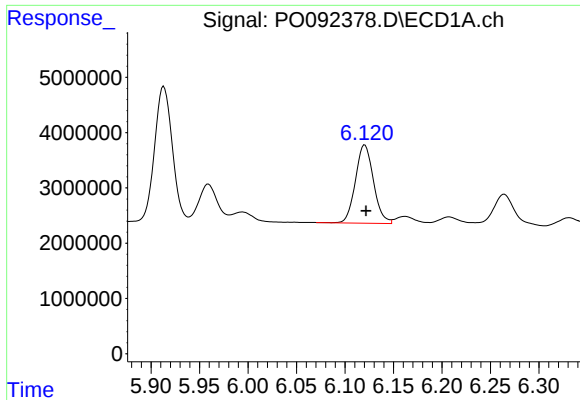
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.821 min
Response: 0
Conc: N.D.



#6 AR-1016-4

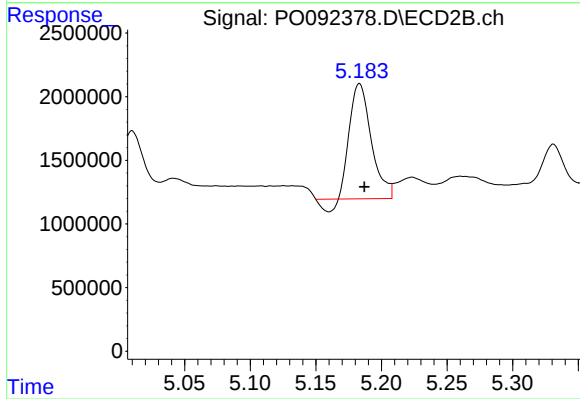
R.T.: 4.969 min
Delta R.T.: -0.004 min
Response: 15041331
Conc: 483.53 ng/ml



#7 AR-1016-5

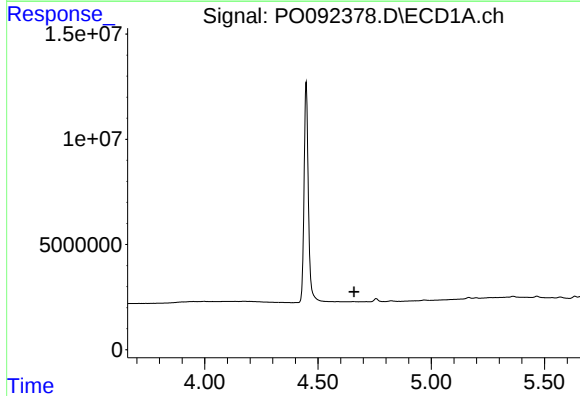
R.T.: 6.120 min
Delta R.T.: -0.001 min
Response: 18355961
Conc: 255.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



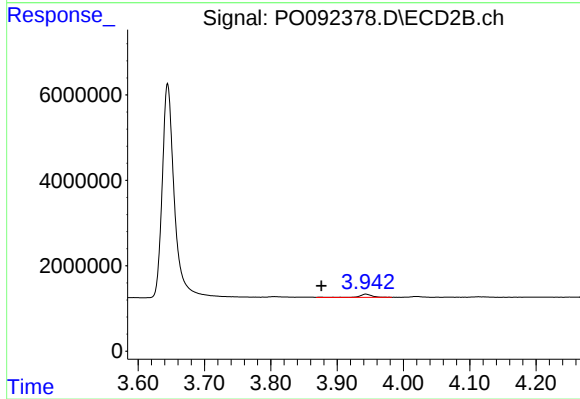
#7 AR-1016-5

R.T.: 5.183 min
Delta R.T.: -0.004 min
Response: 9939209
Conc: 249.94 ng/ml



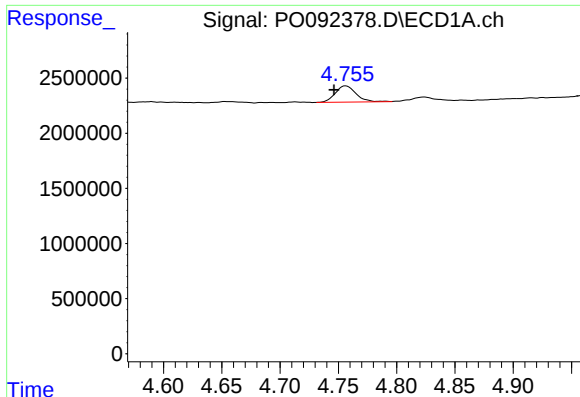
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.659 min
Response: 0
Conc: N.D.



#8 AR-1221-1

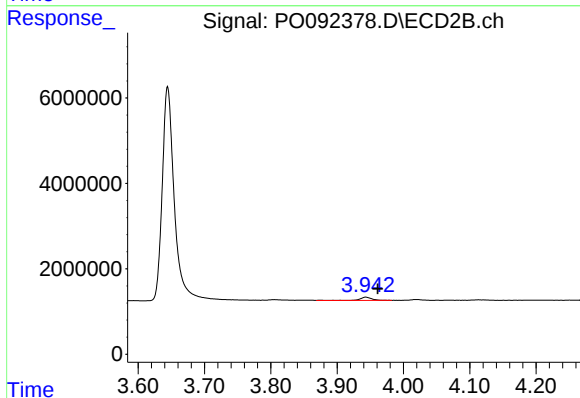
R.T.: 3.943 min
Delta R.T.: 0.067 min
Response: 968794
Conc: 51.18 ng/ml



#9 AR-1221-2

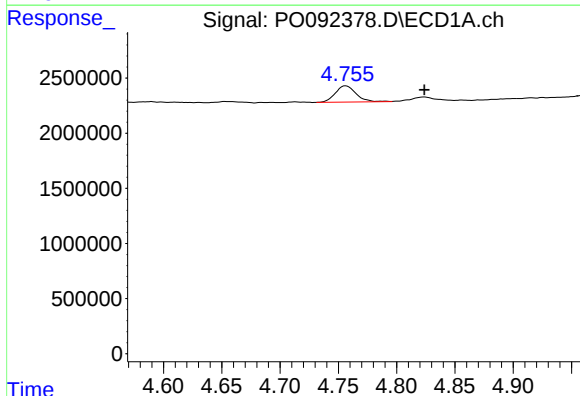
R.T.: 4.756 min
Delta R.T.: 0.010 min
Response: 1832126
Conc: 66.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



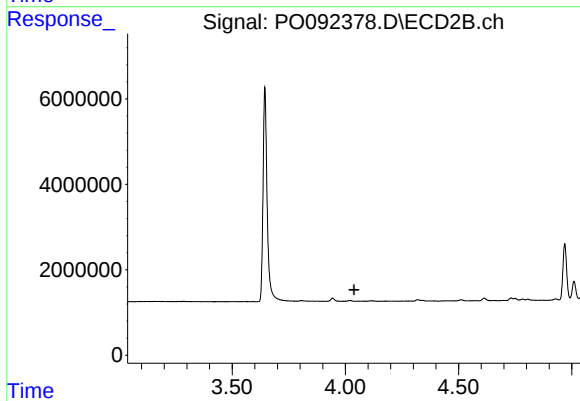
#9 AR-1221-2

R.T.: 3.943 min
Delta R.T.: -0.018 min
Response: 968794
Conc: 68.93 ng/ml



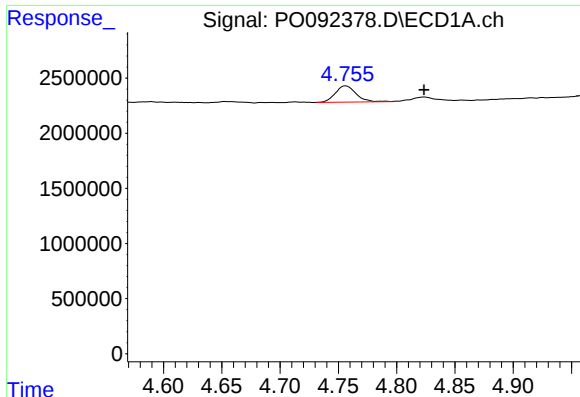
#10 AR-1221-3

R.T.: 4.756 min
Delta R.T.: -0.068 min
Response: 1832126
Conc: 21.71 ng/ml



#10 AR-1221-3

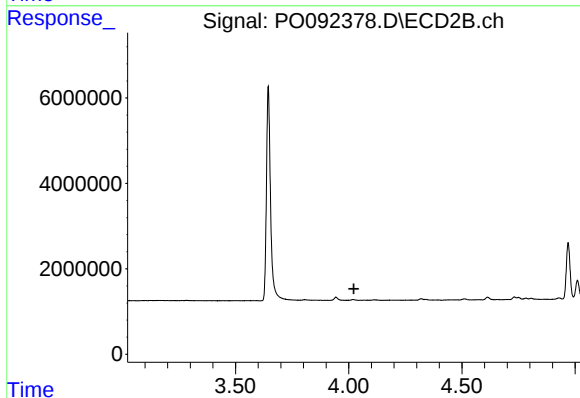
R.T.: 0.000 min
Exp R.T.: 4.038 min
Response: 0
Conc: N.D.



#11 AR-1232-1

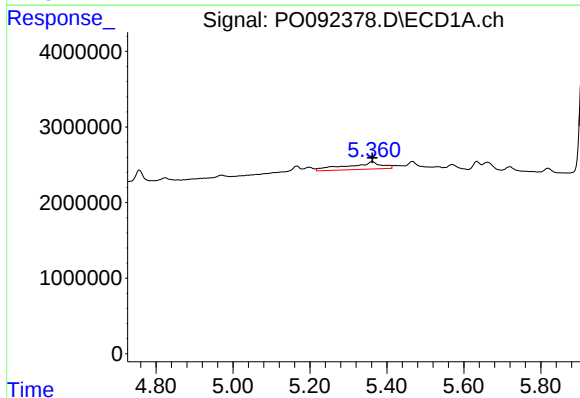
R.T.: 4.756 min
Delta R.T.: -0.067 min
Response: 1832126
Conc: 26.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



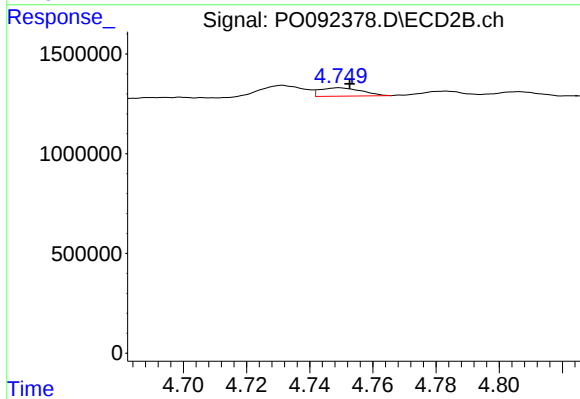
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.022 min
Response: 0
Conc: N.D.



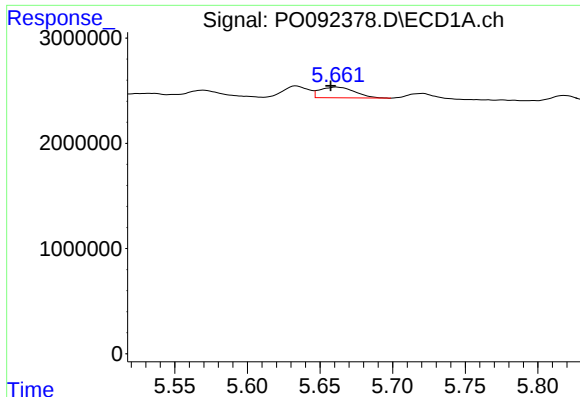
#12 AR-1232-2

R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 6041221
Conc: 172.91 ng/ml



#12 AR-1232-2

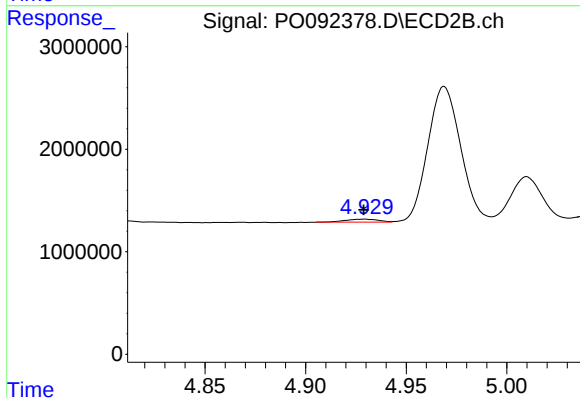
R.T.: 4.749 min
Delta R.T.: -0.003 min
Response: 377035
Conc: 12.30 ng/ml



#13 AR-1232-3

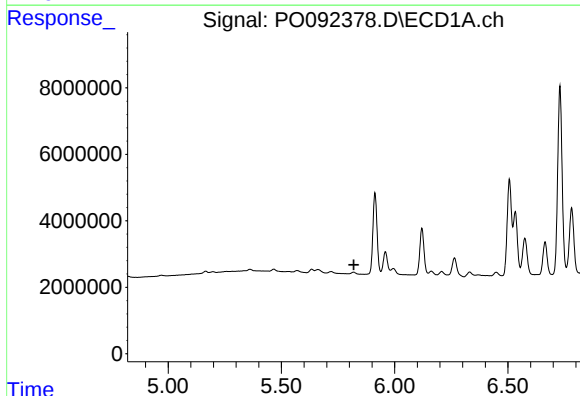
R.T.: 5.661 min
Delta R.T.: 0.004 min
Response: 1696612
Conc: 27.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



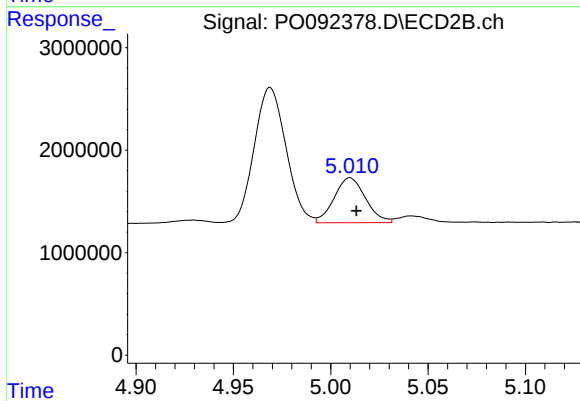
#13 AR-1232-3

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 326319
Conc: 20.27 ng/ml



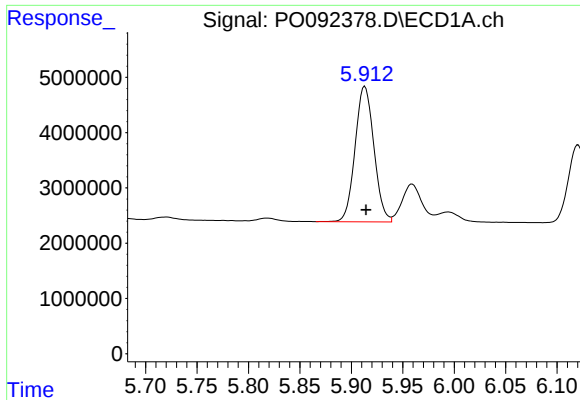
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.820 min
Response: 0
Conc: N.D.



#14 AR-1232-4

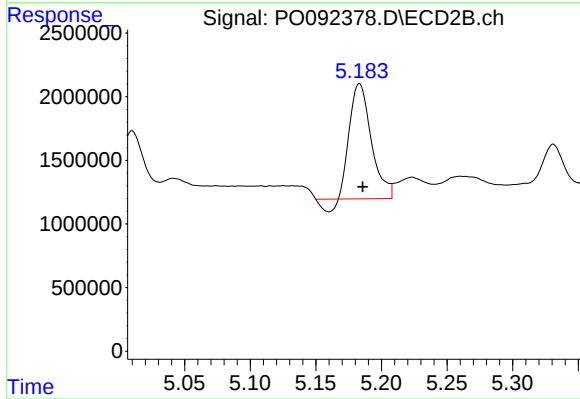
R.T.: 5.010 min
Delta R.T.: -0.003 min
Response: 4928847
Conc: 301.76 ng/ml



#15 AR-1232-5

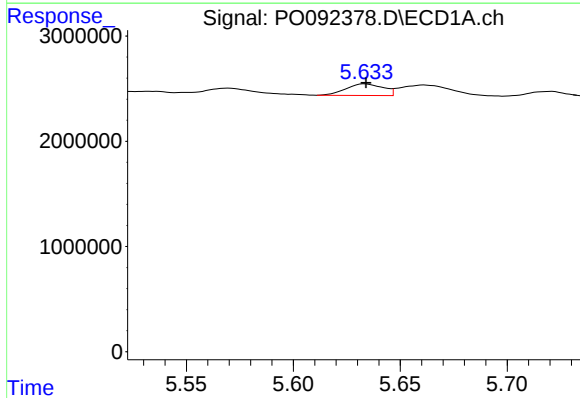
R.T.: 5.913 min
Delta R.T.: -0.001 min
Response: 31262040
Conc: 1264.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



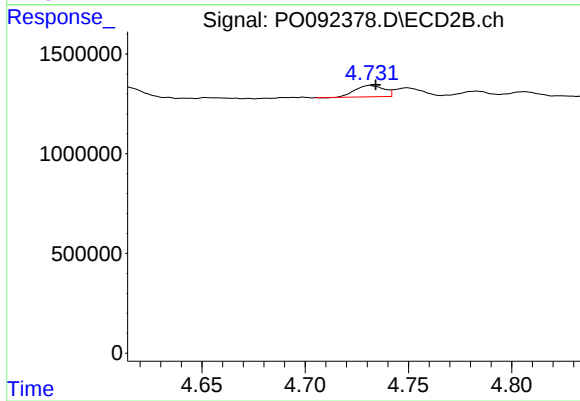
#15 AR-1232-5

R.T.: 5.183 min
Delta R.T.: -0.002 min
Response: 9939209
Conc: 555.67 ng/ml



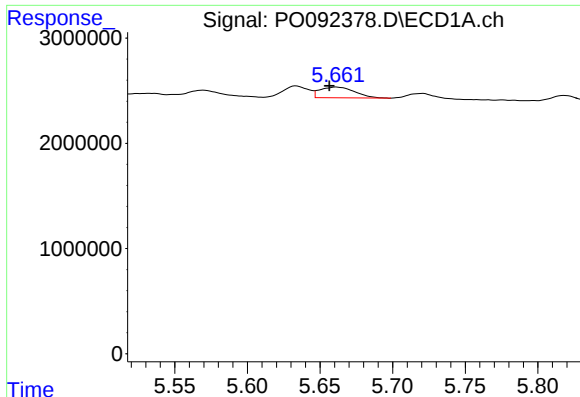
#16 AR-1242-1

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 1327723
Conc: 17.02 ng/ml



#16 AR-1242-1

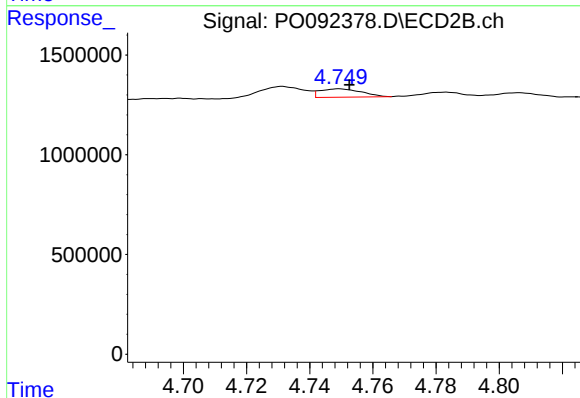
R.T.: 4.731 min
Delta R.T.: -0.003 min
Response: 550189
Conc: 14.11 ng/ml



#17 AR-1242-2

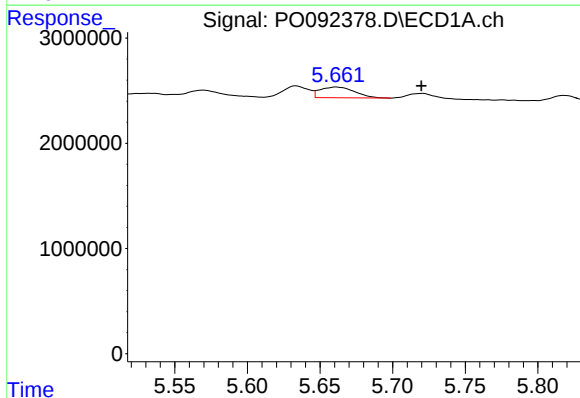
R.T.: 5.661 min
Delta R.T.: 0.005 min
Response: 1696612
Conc: 15.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



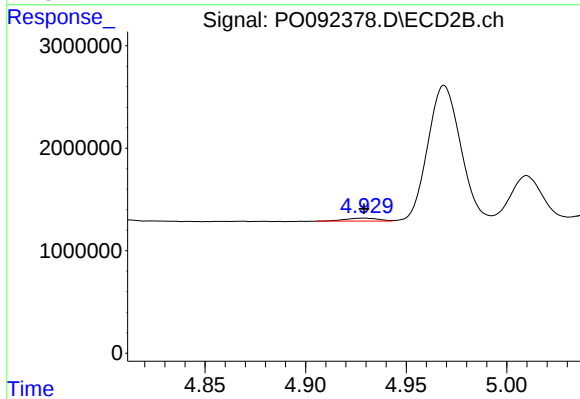
#17 AR-1242-2

R.T.: 4.749 min
Delta R.T.: -0.003 min
Response: 377035
Conc: 6.94 ng/ml



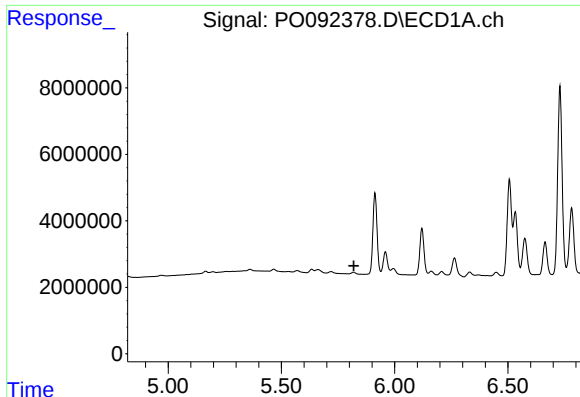
#18 AR-1242-3

R.T.: 5.661 min
Delta R.T.: -0.058 min
Response: 1696612
Conc: 23.37 ng/ml



#18 AR-1242-3

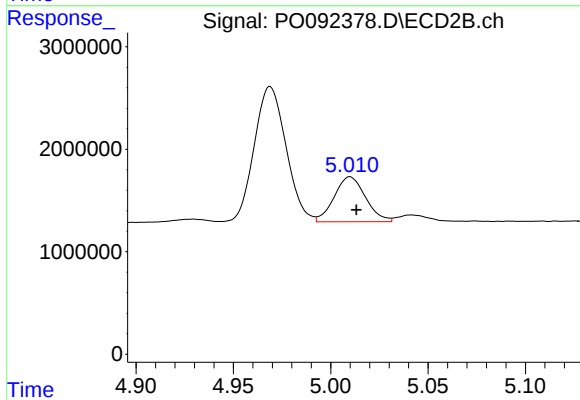
R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 326319
Conc: 11.20 ng/ml



#19 AR-1242-4

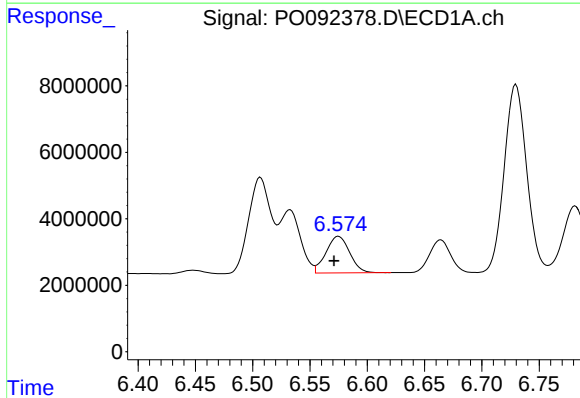
R.T.: 0.000 min
Exp R.T.: 5.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



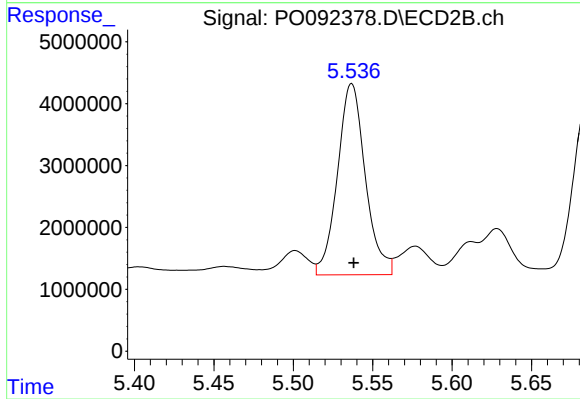
#19 AR-1242-4

R.T.: 5.010 min
Delta R.T.: -0.003 min
Response: 4928847
Conc: 153.23 ng/ml



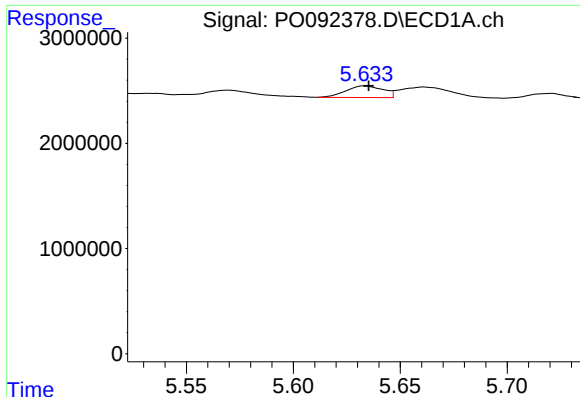
#20 AR-1242-5

R.T.: 6.575 min
Delta R.T.: 0.004 min
Response: 15897037
Conc: 284.78 ng/ml



#20 AR-1242-5

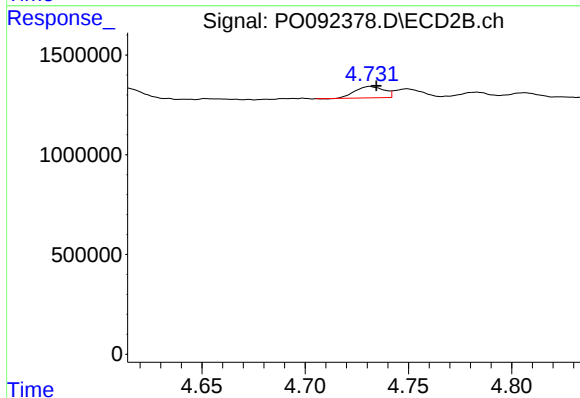
R.T.: 5.537 min
Delta R.T.: -0.001 min
Response: 37708553
Conc: 1041.62 ng/ml



#21 AR-1248-1

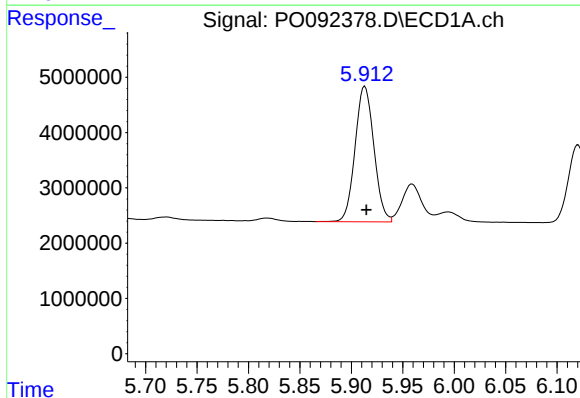
R.T.: 5.634 min
Delta R.T.: -0.002 min
Response: 1327723
Conc: 22.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



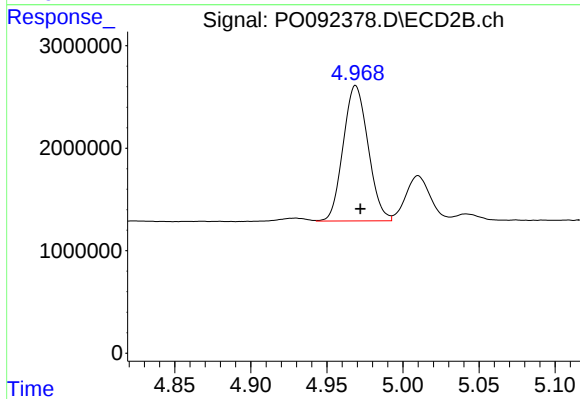
#21 AR-1248-1

R.T.: 4.731 min
Delta R.T.: -0.003 min
Response: 550189
Conc: 18.89 ng/ml



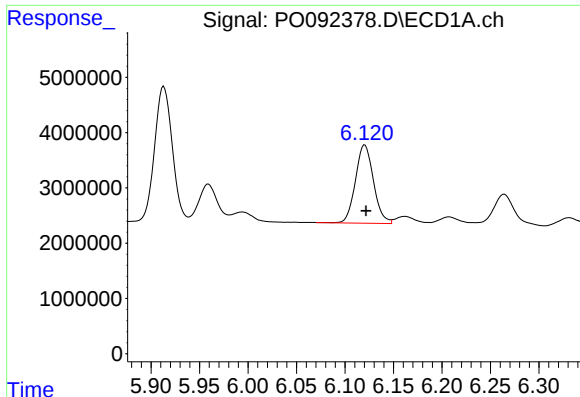
#22 AR-1248-2

R.T.: 5.913 min
Delta R.T.: -0.002 min
Response: 31262040
Conc: 342.10 ng/ml



#22 AR-1248-2

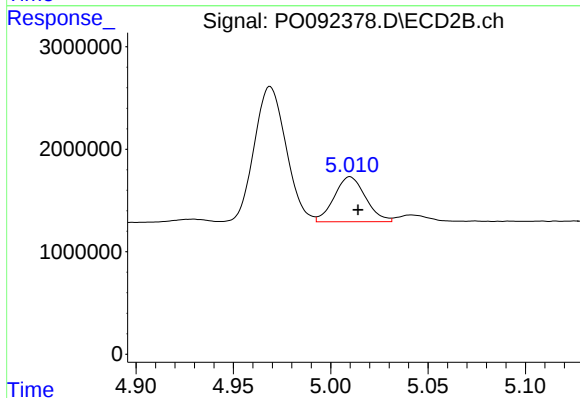
R.T.: 4.969 min
Delta R.T.: -0.003 min
Response: 15041331
Conc: 333.38 ng/ml



#23 AR-1248-3

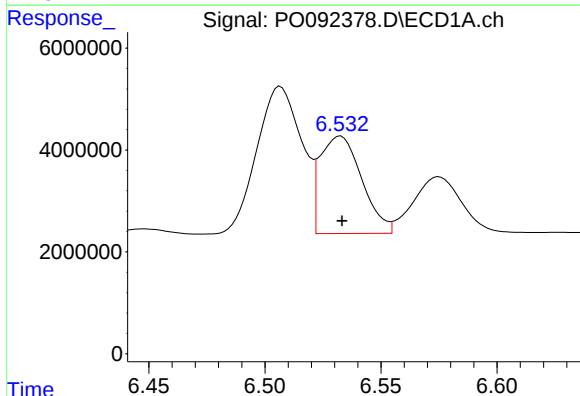
R.T.: 6.120 min
Delta R.T.: -0.001 min
Response: 18355961
Conc: 187.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



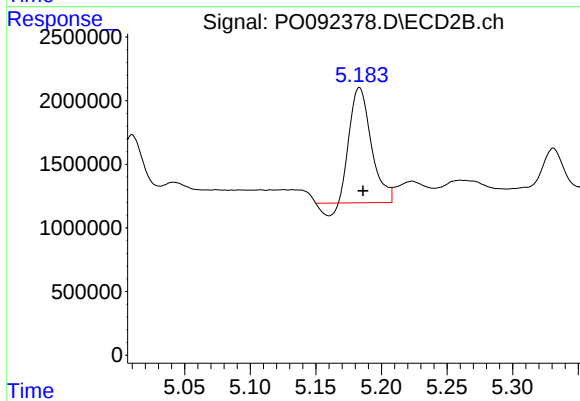
#23 AR-1248-3

R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 4928847
Conc: 105.68 ng/ml



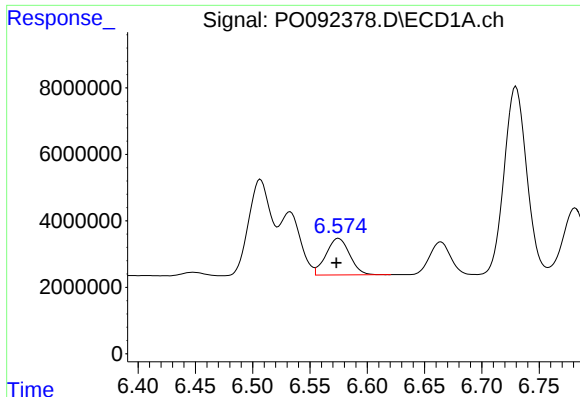
#24 AR-1248-4

R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 23945997
Conc: 244.57 ng/ml



#24 AR-1248-4

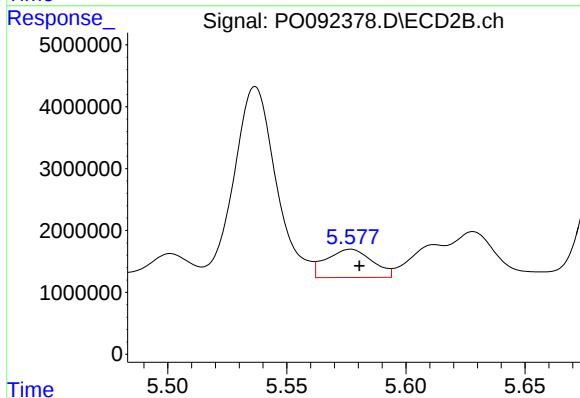
R.T.: 5.183 min
Delta R.T.: -0.003 min
Response: 9939209
Conc: 184.98 ng/ml



#25 AR-1248-5

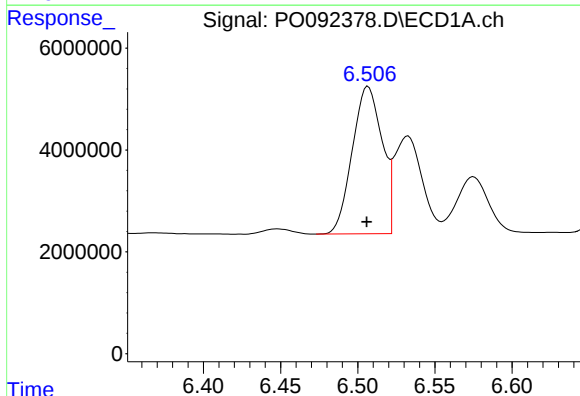
R.T.: 6.575 min
Delta R.T.: 0.002 min
Response: 15897037
Conc: 168.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



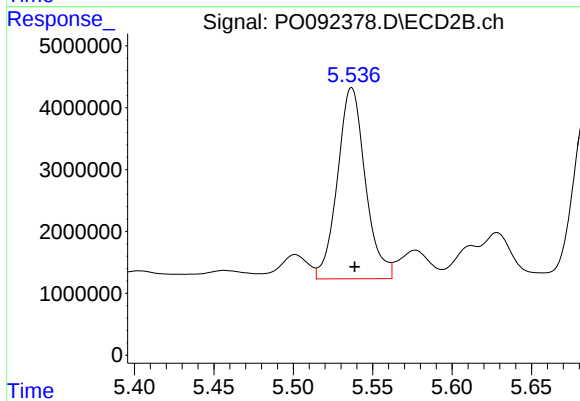
#25 AR-1248-5

R.T.: 5.577 min
Delta R.T.: -0.004 min
Response: 6122405
Conc: 129.32 ng/ml



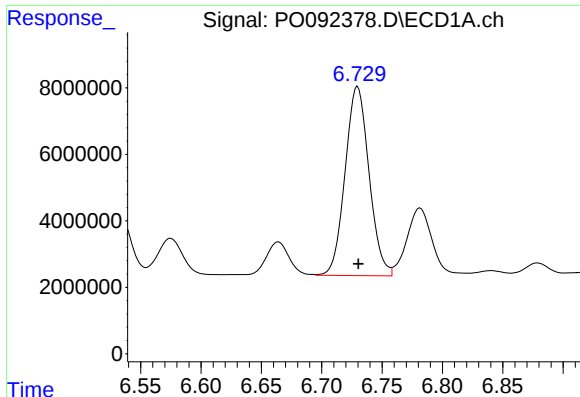
#26 AR-1254-1

R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 38914779
Conc: 351.48 ng/ml



#26 AR-1254-1

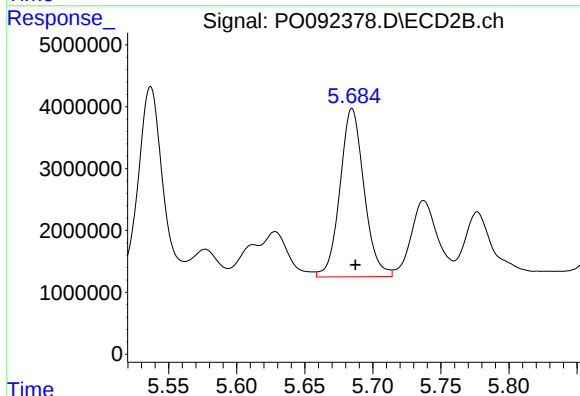
R.T.: 5.537 min
Delta R.T.: -0.002 min
Response: 37708553
Conc: 481.04 ng/ml



#27 AR-1254-2

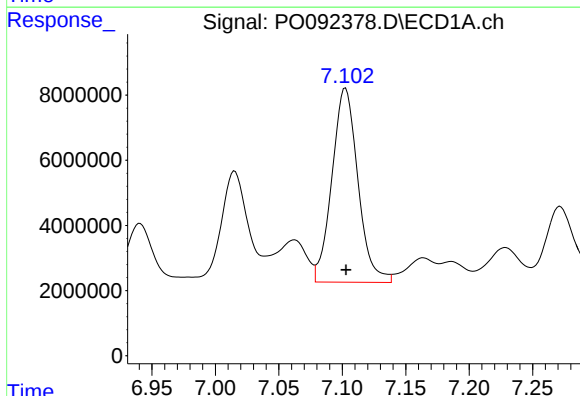
R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 78551424
Conc: 483.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



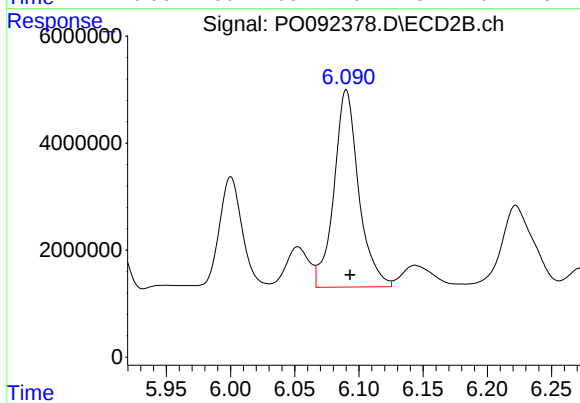
#27 AR-1254-2

R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 33446222
Conc: 483.39 ng/ml



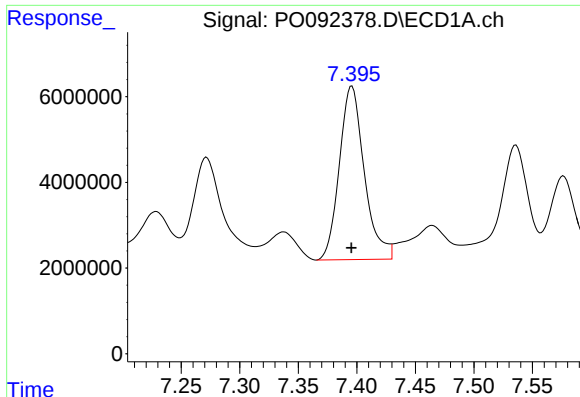
#28 AR-1254-3

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 85037102
Conc: 515.60 ng/ml



#28 AR-1254-3

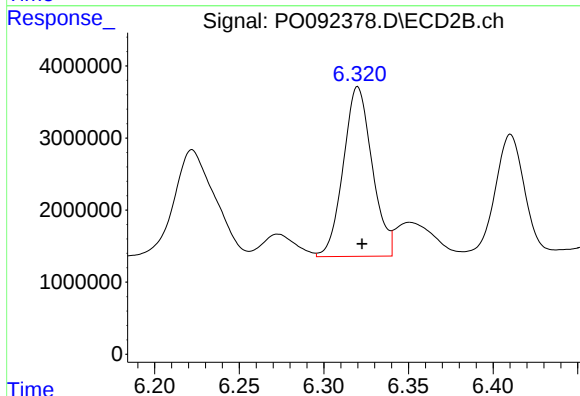
R.T.: 6.090 min
Delta R.T.: -0.003 min
Response: 49374259
Conc: 462.59 ng/ml



#29 AR-1254-4

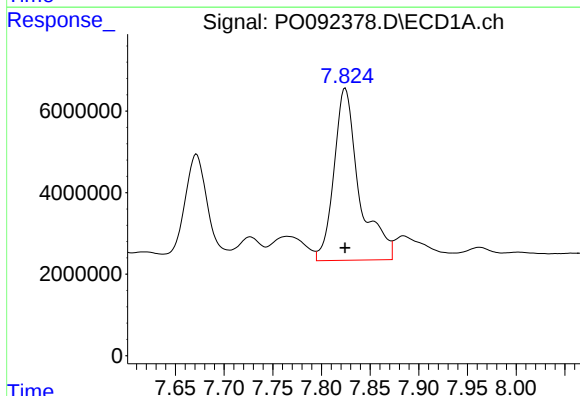
R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 60132334
Conc: 549.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



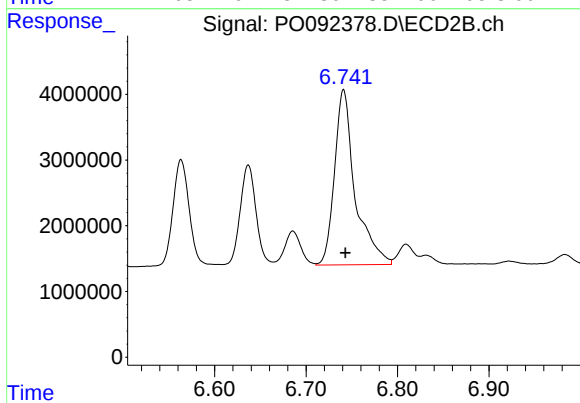
#29 AR-1254-4

R.T.: 6.320 min
Delta R.T.: -0.002 min
Response: 27933580
Conc: 474.30 ng/ml



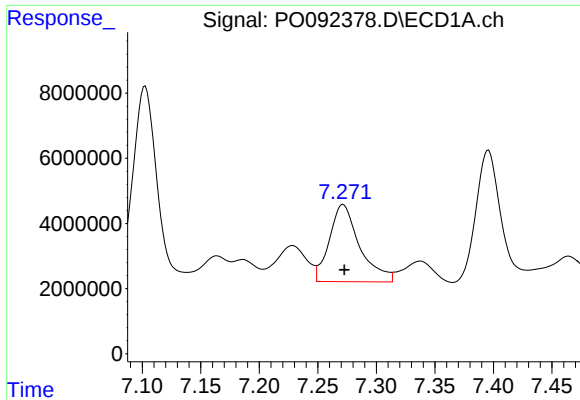
#30 AR-1254-5

R.T.: 7.825 min
Delta R.T.: 0.000 min
Response: 76243378
Conc: 541.89 ng/ml



#30 AR-1254-5

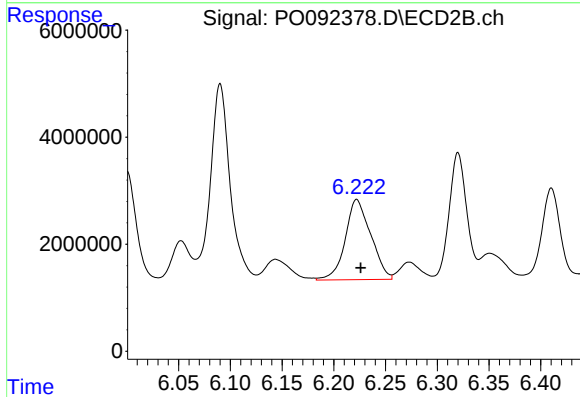
R.T.: 6.741 min
Delta R.T.: -0.002 min
Response: 41693819
Conc: 458.10 ng/ml



#31 AR-1260-1

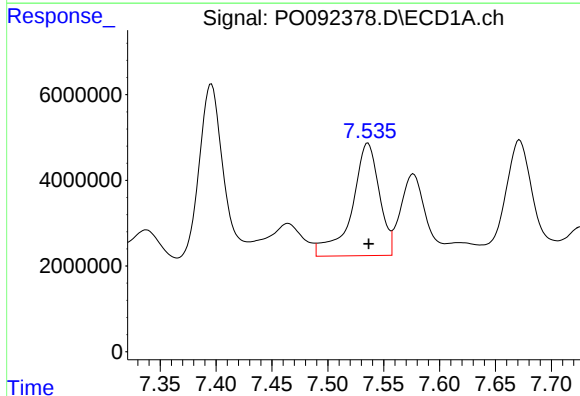
R.T.: 7.272 min
Delta R.T.: -0.001 min
Response: 42790226
Conc: 324.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



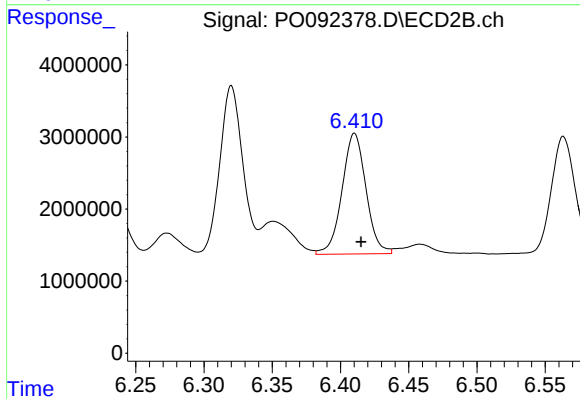
#31 AR-1260-1

R.T.: 6.222 min
Delta R.T.: -0.004 min
Response: 25683401
Conc: 340.00 ng/ml



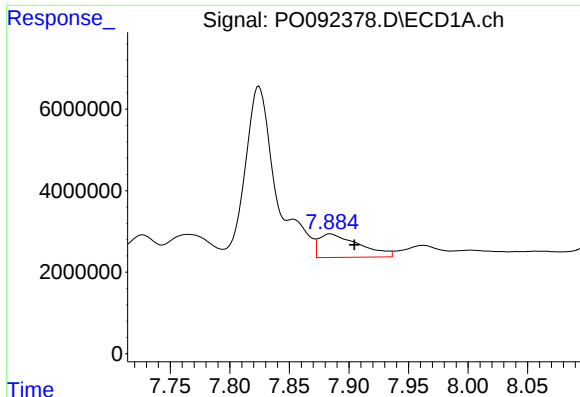
#32 AR-1260-2

R.T.: 7.536 min
Delta R.T.: 0.000 min
Response: 44820565
Conc: 302.26 ng/ml



#32 AR-1260-2

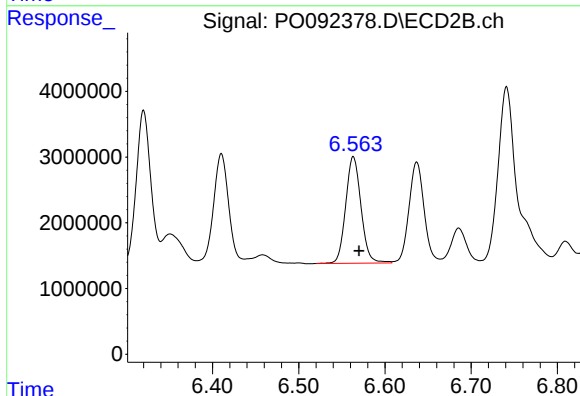
R.T.: 6.410 min
Delta R.T.: -0.005 min
Response: 20438017
Conc: 233.27 ng/ml



#33 AR-1260-3

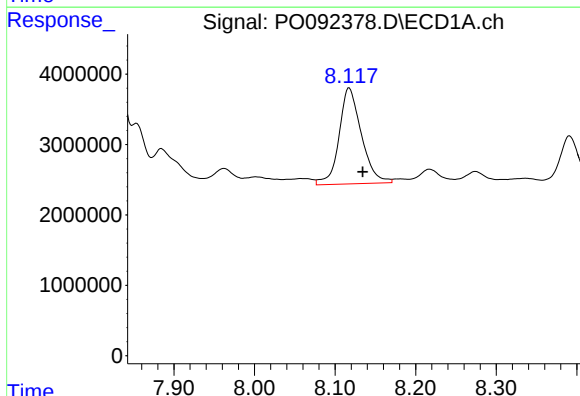
R.T.: 7.885 min
Delta R.T.: -0.020 min
Response: 13554876
Conc: 119.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



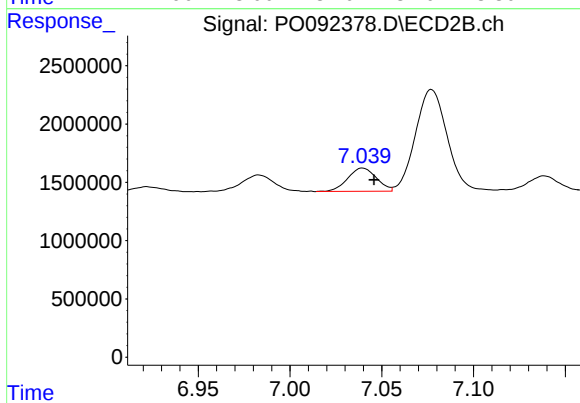
#33 AR-1260-3

R.T.: 6.563 min
Delta R.T.: -0.007 min
Response: 20048487
Conc: 231.27 ng/ml



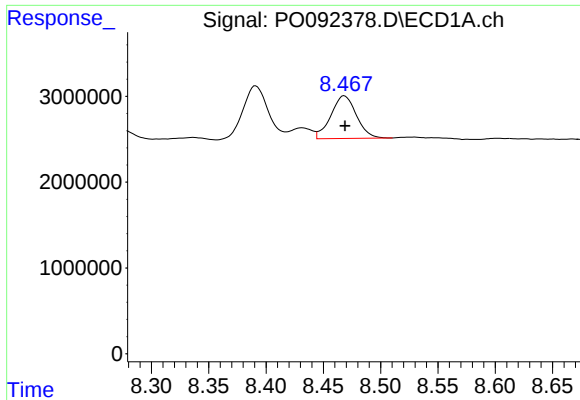
#34 AR-1260-4

R.T.: 8.118 min
Delta R.T.: -0.017 min
Response: 26275668
Conc: 211.96 ng/ml



#34 AR-1260-4

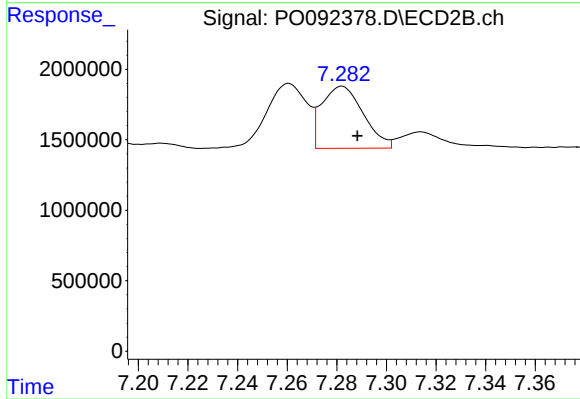
R.T.: 7.040 min
Delta R.T.: -0.006 min
Response: 2177076
Conc: 32.51 ng/ml



#35 AR-1260-5

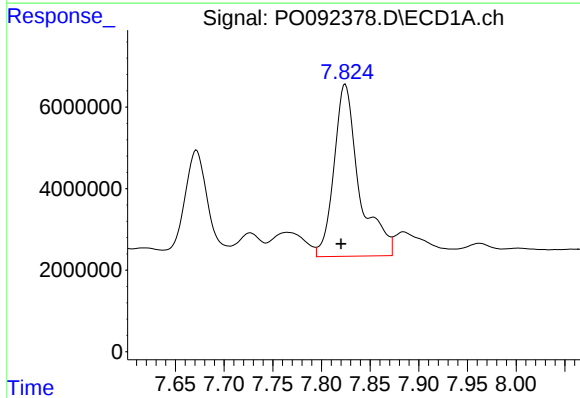
R.T.: 8.468 min
Delta R.T.: 0.000 min
Response: 7730366
Conc: 34.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



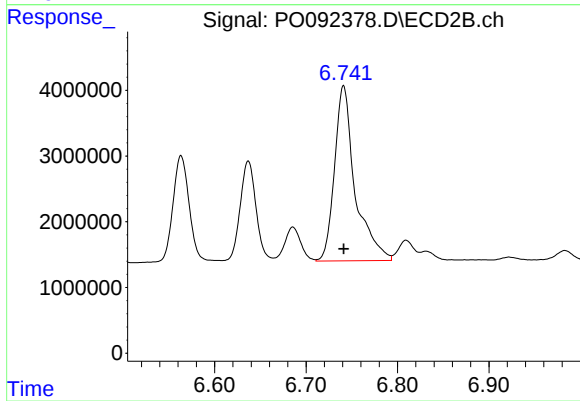
#35 AR-1260-5

R.T.: 7.282 min
Delta R.T.: -0.006 min
Response: 5104737
Conc: 35.87 ng/ml



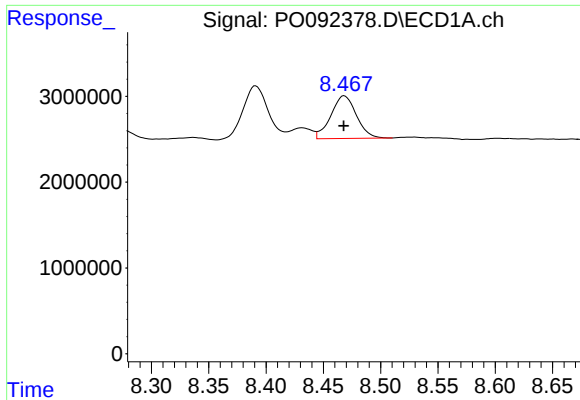
#36 AR-1262-1

R.T.: 7.825 min
Delta R.T.: 0.004 min
Response: 76243378
Conc: 705.63 ng/ml



#36 AR-1262-1

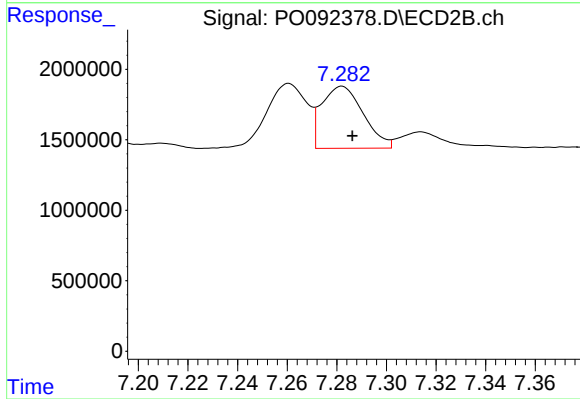
R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 41693819
Conc: 898.38 ng/ml



#37 AR-1262-2

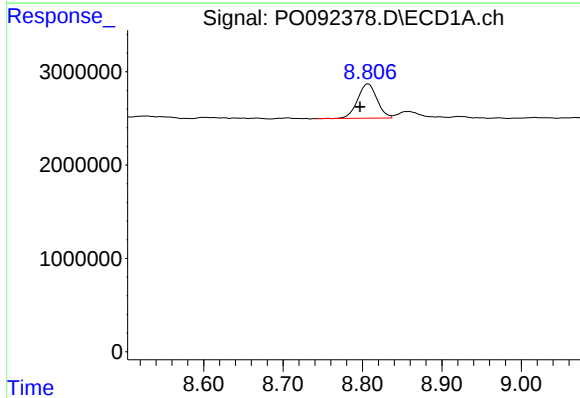
R.T.: 8.468 min
Delta R.T.: 0.000 min
Response: 7730366
Conc: 32.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



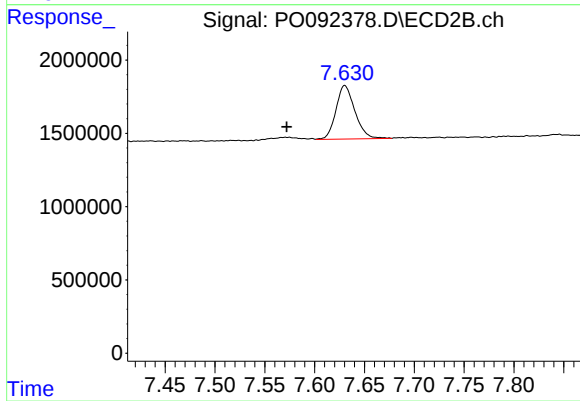
#37 AR-1262-2

R.T.: 7.282 min
Delta R.T.: -0.004 min
Response: 5104737
Conc: 34.60 ng/ml



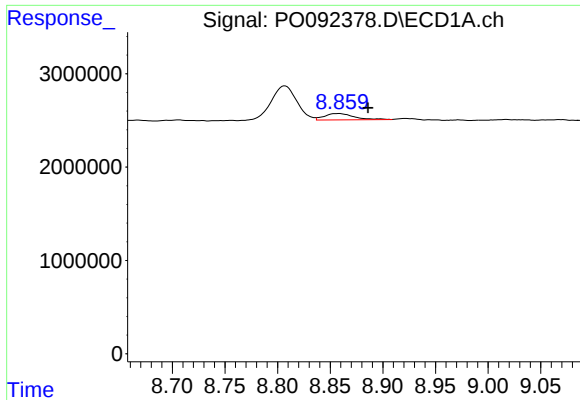
#38 AR-1262-3

R.T.: 8.807 min
Delta R.T.: 0.010 min
Response: 6253032
Conc: 36.99 ng/ml



#38 AR-1262-3

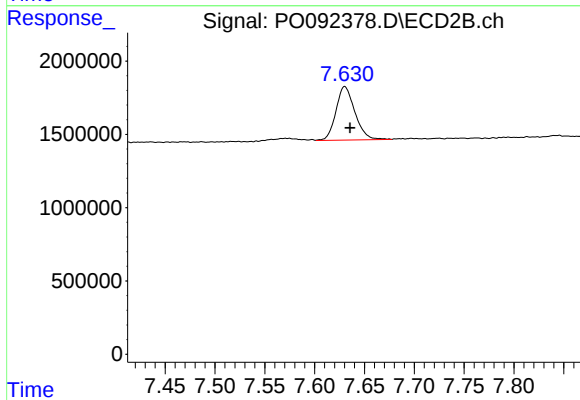
R.T.: 7.630 min
Delta R.T.: 0.058 min
Response: 4818572
Conc: 77.10 ng/ml



#39 AR-1262-4

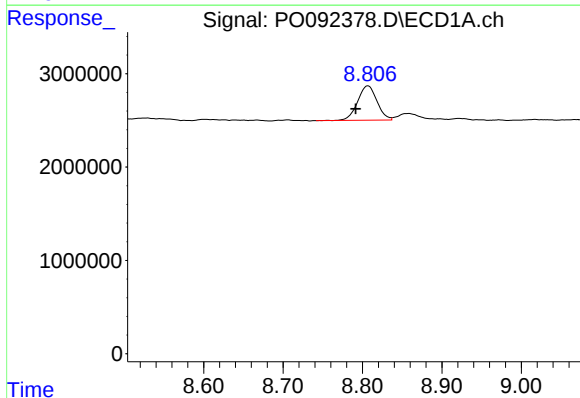
R.T.: 8.858 min
Delta R.T.: -0.028 min
Response: 1328566
Conc: 13.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



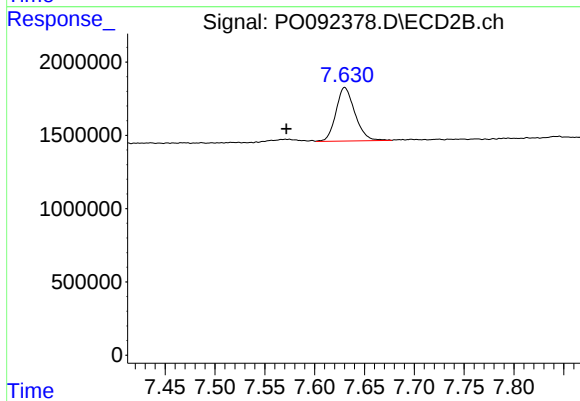
#39 AR-1262-4

R.T.: 7.630 min
Delta R.T.: -0.005 min
Response: 4818572
Conc: 43.98 ng/ml



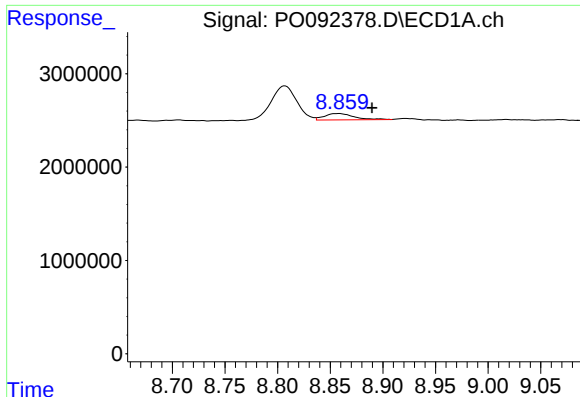
#41 AR-1268-1

R.T.: 8.807 min
Delta R.T.: 0.015 min
Response: 6253032
Conc: 19.77 ng/ml



#41 AR-1268-1

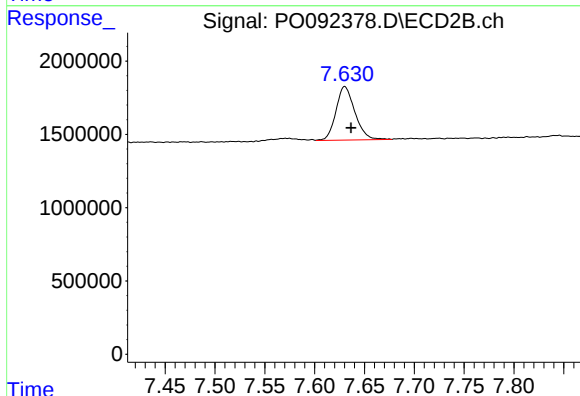
R.T.: 7.630 min
Delta R.T.: 0.058 min
Response: 4818572
Conc: 26.48 ng/ml



#42 AR-1268-2

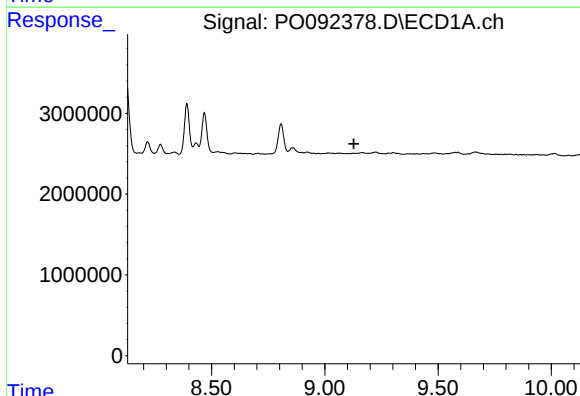
R.T.: 8.858 min
Delta R.T.: -0.032 min
Response: 1328566
Conc: 4.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



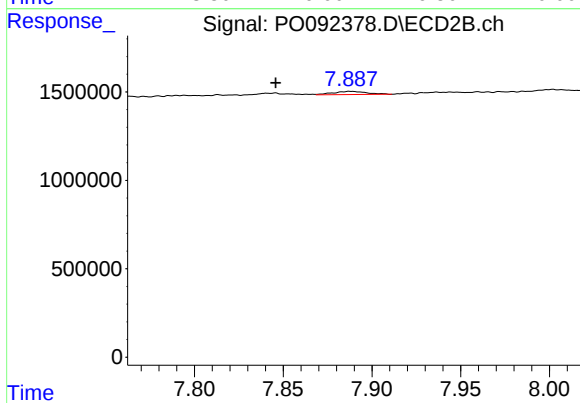
#42 AR-1268-2

R.T.: 7.630 min
Delta R.T.: -0.006 min
Response: 4818572
Conc: 29.12 ng/ml



#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.128 min
Response: 0
Conc: N.D.



#43 AR-1268-3

R.T.: 7.888 min
Delta R.T.: 0.042 min
Response: 239391
Conc: 1.61 ng/ml