

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0041023\
 Data File : P0094061.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2023 20:46
 Operator : YP/AJ
 Sample : 02261-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 23:24:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0040323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 04 06:20:55 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...	4.419	3.623	76105031	27978080	20.359	21.971
2)	SA Decachlor...	10.241	8.641	60488290	26416260	27.041	26.422
Target Compounds							
3)	L1 AR-1016-1	5.595	4.706	4018900	1178735	39.299	33.220
4)	L1 AR-1016-2	5.618	4.723	5350072	1371238	34.327	25.388 #
5)	L1 AR-1016-3	5.679	4.900	2764894	627549	28.032	22.141
6)	L1 AR-1016-4	5.778	4.943	1536429	8009667	20.896	303.331 #
7)	L1 AR-1016-5	6.076	5.156	8874270	3500641	104.819	106.983
8)	L2 AR-1221-1	4.626	0.000	2273107	0	49.287	N.D. #
9)	L2 AR-1221-2	4.726	3.920	1513724	881916	44.098	74.723 #
10)	L2 AR-1221-3	4.792	0.000	259890	0	2.481	N.D. #
11)	L3 AR-1232-1	4.792	0.000	259890	0	2.978	N.D. #
12)	L3 AR-1232-2	5.326	4.723	1156011	1371238	27.032	51.796 #
13)	L3 AR-1232-3	5.618	4.900	5350072	627549	72.834	47.581 #
14)	L3 AR-1232-4	5.778	4.983	1536429	2668542	44.635	187.780 #
15)	L3 AR-1232-5	5.871	5.156	20170082	3500641	635.031	226.600 #
16)	L4 AR-1242-1	5.595	4.706	4018900	1178735	46.044	38.305
17)	L4 AR-1242-2	5.618	4.723	5350072	1371238	40.237	29.813 #
18)	L4 AR-1242-3	5.679	4.900	2764894	627549	32.571	25.895
19)	L4 AR-1242-4	5.778	4.983	1536429	2668542	24.590	95.055 #
20)	L4 AR-1242-5	6.526	5.508	5787406	8379252	85.956	293.897 #
21)	L5 AR-1248-1	5.595	4.706	4018900	1178735	59.732	49.420
22)	L5 AR-1248-2	5.871	4.943	20170082	8009667	184.392	201.081
23)	L5 AR-1248-3	6.076	4.983	8874270	2668542	73.511	63.934
24)	L5 AR-1248-4	6.483	5.156	6043146	3500641	56.269	74.444 #
25)	L5 AR-1248-5	6.526	5.548	5787406	777254	49.881	20.819 #
26)	L6 AR-1254-1	6.457	5.508	17806142	8379252	131.288	122.587
27)	L6 AR-1254-2	6.677	5.656	26424876	9356155	135.184	153.618
28)	L6 AR-1254-3	7.047	6.060	28459612	14699719	154.050	161.379
29)	L6 AR-1254-4	7.335	6.290	29743718	12428215	293.295	291.775
30)	L6 AR-1254-5	7.758	6.709	42606169	23458574	314.195	325.121
31)	L7 AR-1260-1	7.213	6.191	17478576	9859623	119.743	151.195 #
32)	L7 AR-1260-2	7.472	6.380	27868327	12338711	174.118	169.899
33)	L7 AR-1260-3	7.818	6.532	6898493	9795236	51.955	134.970 #
34)	L7 AR-1260-4	8.048	7.007	15142710	1423296	109.934	25.630 #
35)	L7 AR-1260-5	8.388	7.250	5822129	2022612	26.733	19.491 #
36)	L8 AR-1262-1	7.818	6.800	6898493	1003638	40.384	28.685 #
37)	L8 AR-1262-2	8.388	7.007	5822129	1423296	25.047	20.145
38)	L8 AR-1262-3	8.720	7.596f	3138025	1676800	19.157	33.514 #
39)	L8 AR-1262-4	8.798	7.596	691707	1676800	6.904	20.219 #
40)	L8 AR-1262-5	9.461	0.000	1290200	0	16.030	N.D. #
41)	L9 AR-1268-1	8.720	7.596f	3138025	1676800	9.324	10.977

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 Operator : YP/AJ
 Sample : 02261-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

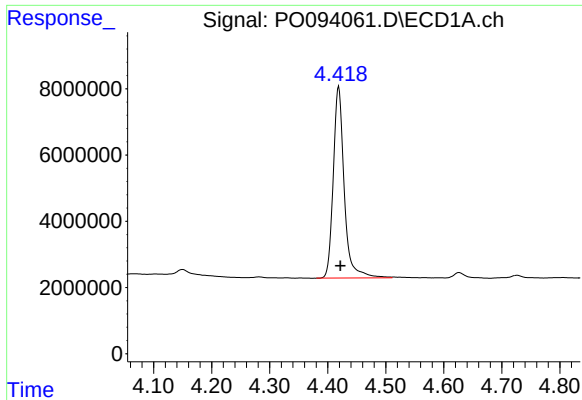
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 23:24:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0040323.M
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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	8.798	7.596	691707	1676800	2.149	12.342 #
43) L9	AR-1268-3	9.035	0.000	50374	0	0.178	N.D. #
44) L9	AR-1268-4	9.461	0.000	1290200	0	13.344	N.D. #
45) L9	AR-1268-5	9.912	0.000	43366	0	0.052	N.D. #

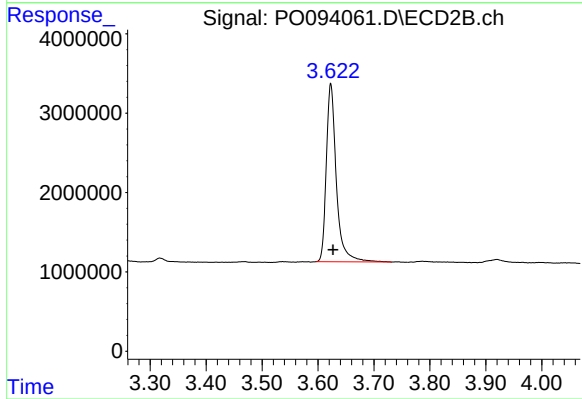
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

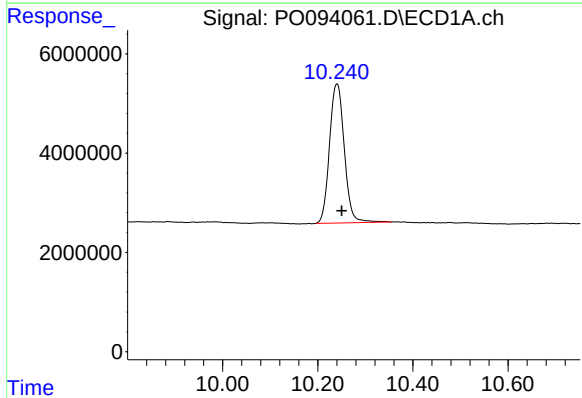
R.T.: 4.419 min
Delta R.T.: -0.003 min
Response: 76105031
Conc: 20.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



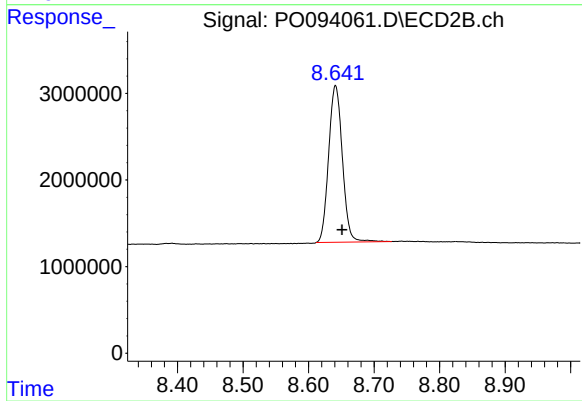
#1 Tetrachloro-m-xylene

R.T.: 3.623 min
Delta R.T.: -0.004 min
Response: 27978080
Conc: 21.97 ng/ml



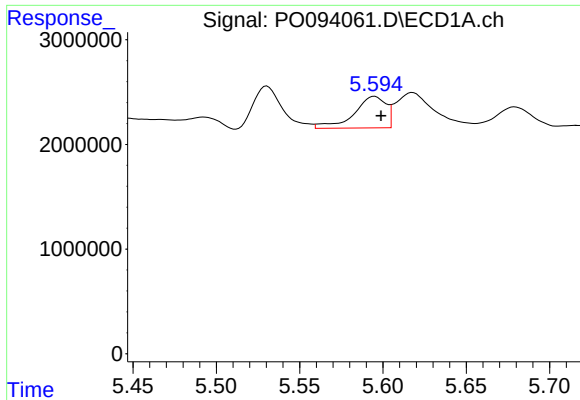
#2 Decachlorobiphenyl

R.T.: 10.241 min
Delta R.T.: -0.010 min
Response: 60488290
Conc: 27.04 ng/ml



#2 Decachlorobiphenyl

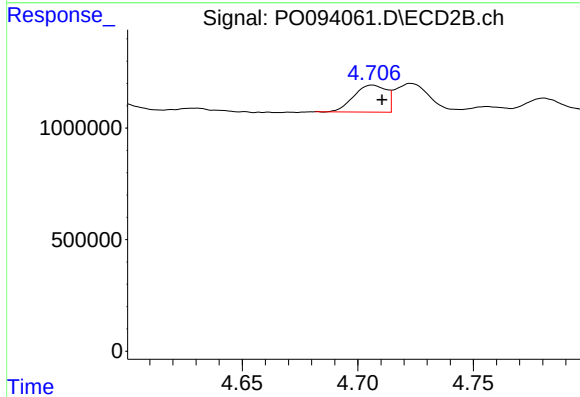
R.T.: 8.641 min
Delta R.T.: -0.010 min
Response: 26416260
Conc: 26.42 ng/ml



#3 AR-1016-1

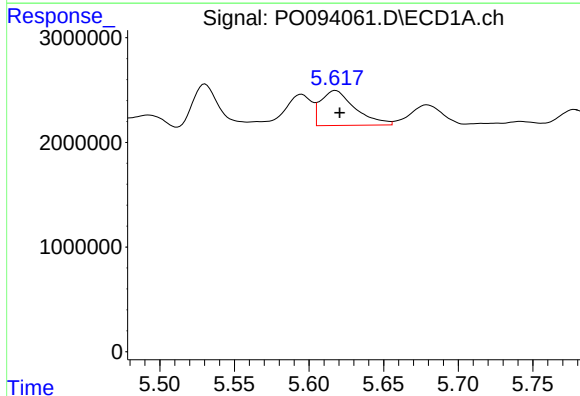
R.T.: 5.595 min
Delta R.T.: -0.004 min
Response: 4018900
Conc: 39.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



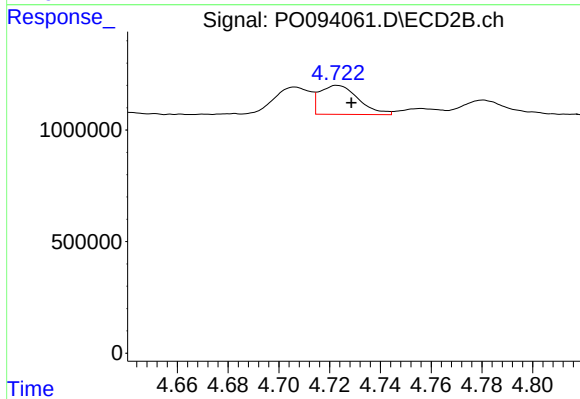
#3 AR-1016-1

R.T.: 4.706 min
Delta R.T.: -0.004 min
Response: 1178735
Conc: 33.22 ng/ml



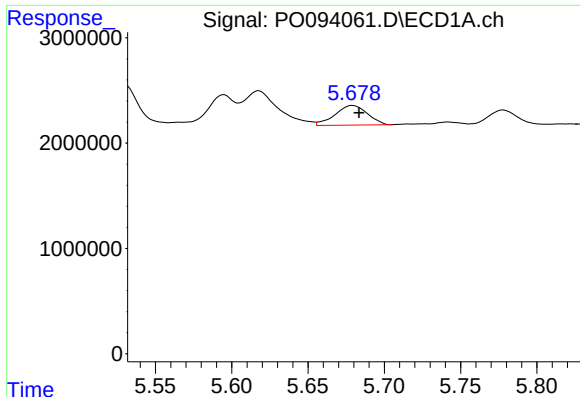
#4 AR-1016-2

R.T.: 5.618 min
Delta R.T.: -0.003 min
Response: 5350072
Conc: 34.33 ng/ml



#4 AR-1016-2

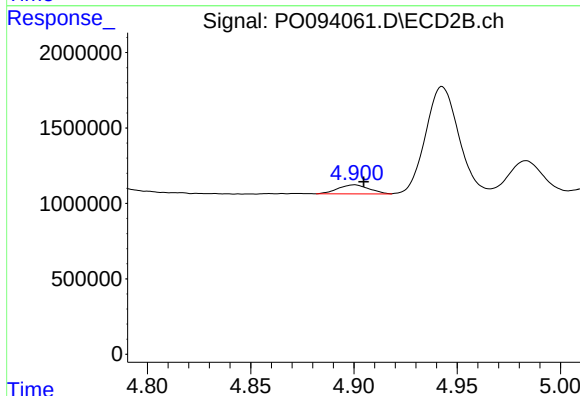
R.T.: 4.723 min
Delta R.T.: -0.005 min
Response: 1371238
Conc: 25.39 ng/ml



#5 AR-1016-3

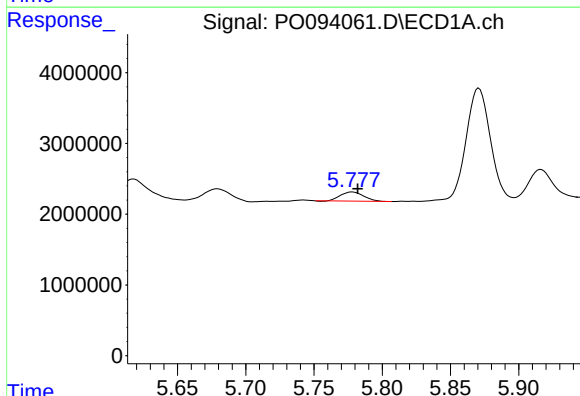
R.T.: 5.679 min
Delta R.T.: -0.004 min
Response: 2764894
Conc: 28.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



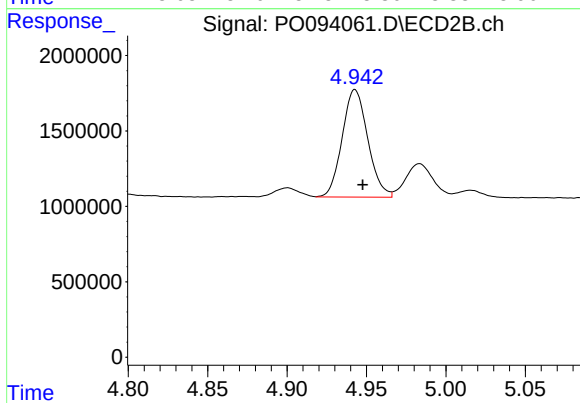
#5 AR-1016-3

R.T.: 4.900 min
Delta R.T.: -0.005 min
Response: 627549
Conc: 22.14 ng/ml



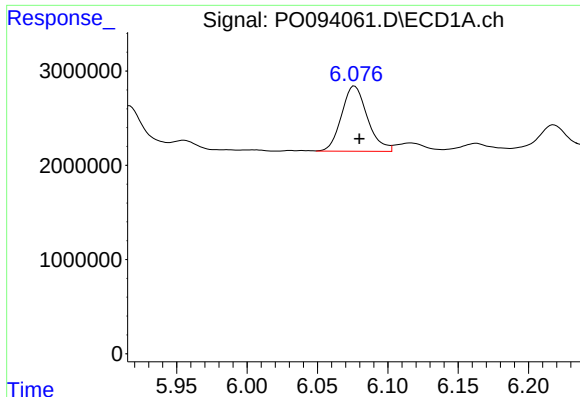
#6 AR-1016-4

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 1536429
Conc: 20.90 ng/ml



#6 AR-1016-4

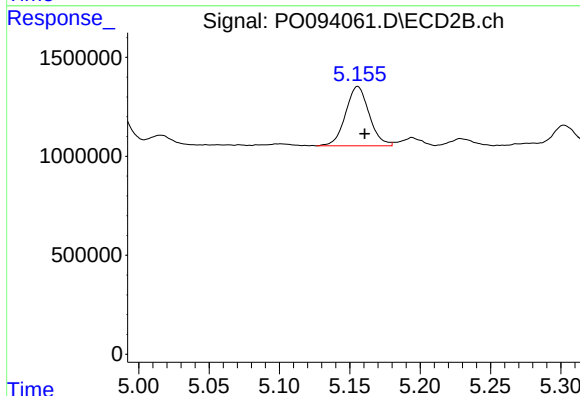
R.T.: 4.943 min
Delta R.T.: -0.005 min
Response: 8009667
Conc: 303.33 ng/ml



#7 AR-1016-5

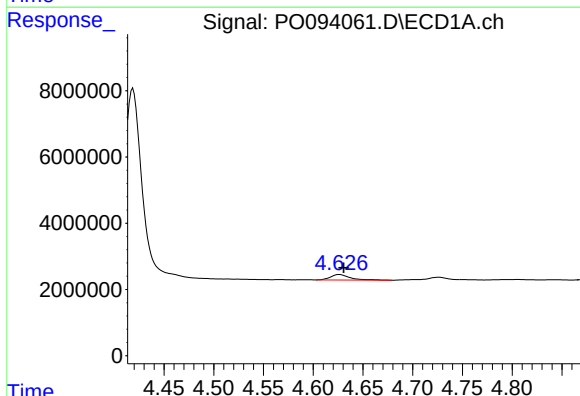
R.T.: 6.076 min
Delta R.T.: -0.003 min
Response: 8874270
Conc: 104.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



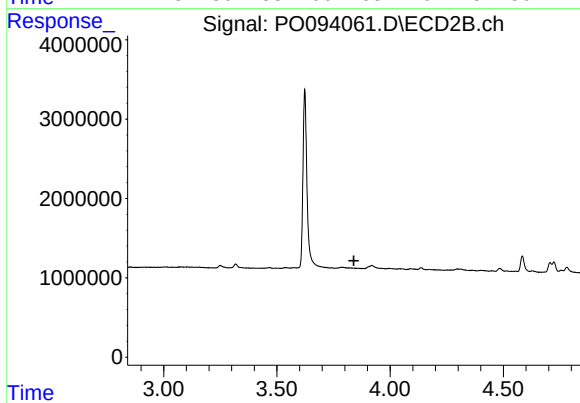
#7 AR-1016-5

R.T.: 5.156 min
Delta R.T.: -0.005 min
Response: 3500641
Conc: 106.98 ng/ml



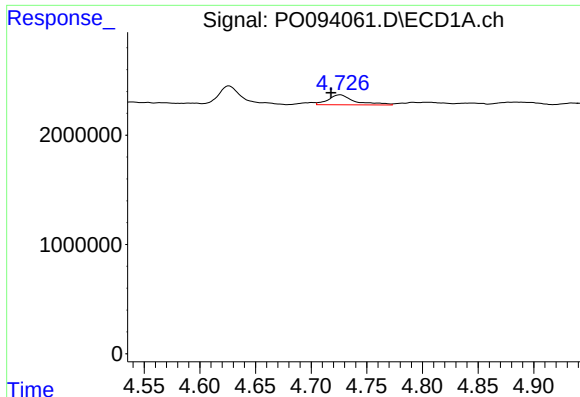
#8 AR-1221-1

R.T.: 4.626 min
Delta R.T.: -0.004 min
Response: 2273107
Conc: 49.29 ng/ml



#8 AR-1221-1

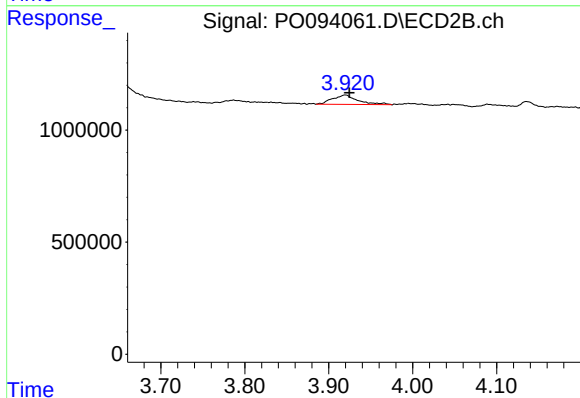
R.T.: 0.000 min
Exp R.T. : 3.840 min
Response: 0
Conc: N.D.



#9 AR-1221-2

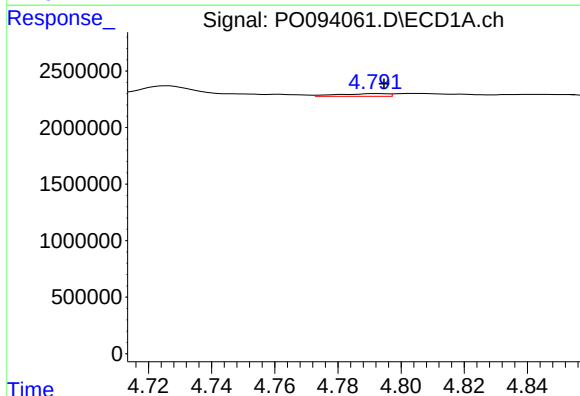
R.T.: 4.726 min
Delta R.T.: 0.008 min
Response: 1513724
Conc: 44.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



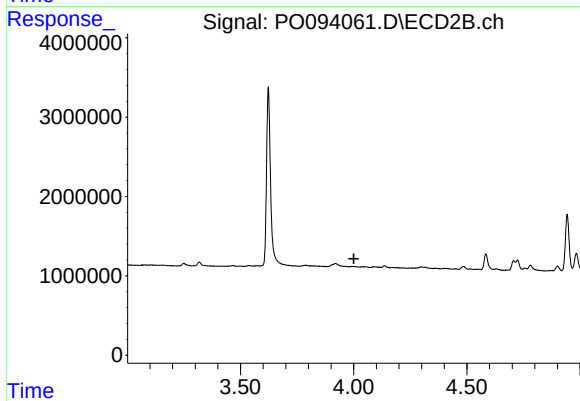
#9 AR-1221-2

R.T.: 3.920 min
Delta R.T.: -0.005 min
Response: 881916
Conc: 74.72 ng/ml



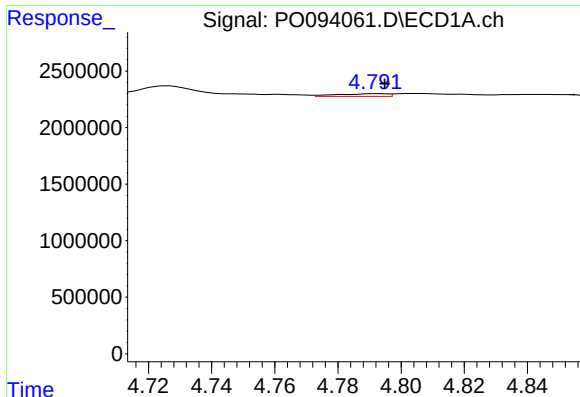
#10 AR-1221-3

R.T.: 4.792 min
Delta R.T.: -0.003 min
Response: 259890
Conc: 2.48 ng/ml



#10 AR-1221-3

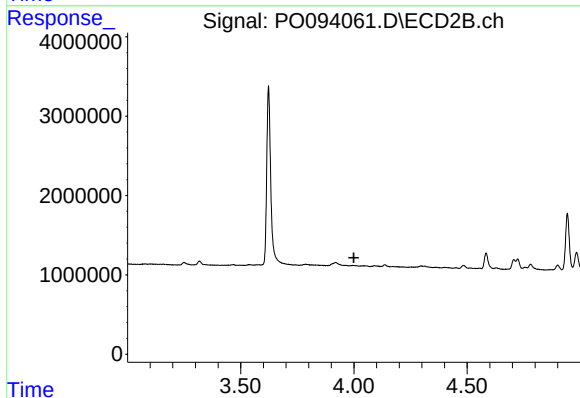
R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



#11 AR-1232-1

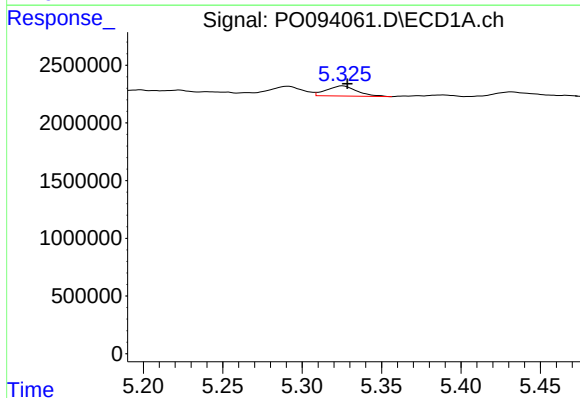
R.T.: 4.792 min
Delta R.T.: -0.003 min
Response: 259890
Conc: 2.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



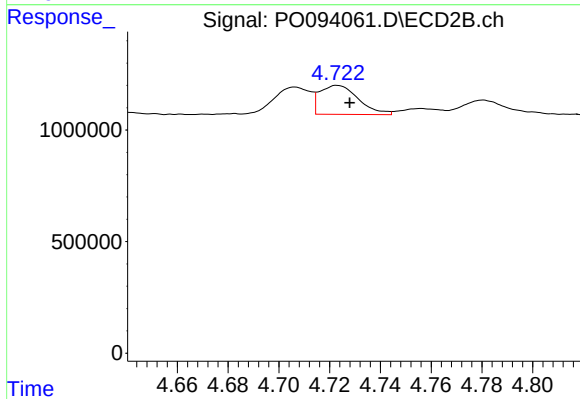
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



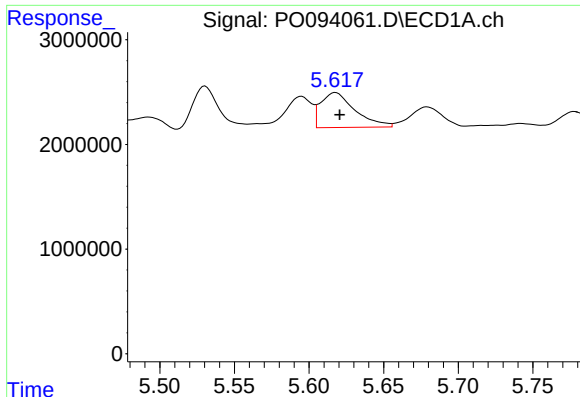
#12 AR-1232-2

R.T.: 5.326 min
Delta R.T.: -0.003 min
Response: 1156011
Conc: 27.03 ng/ml



#12 AR-1232-2

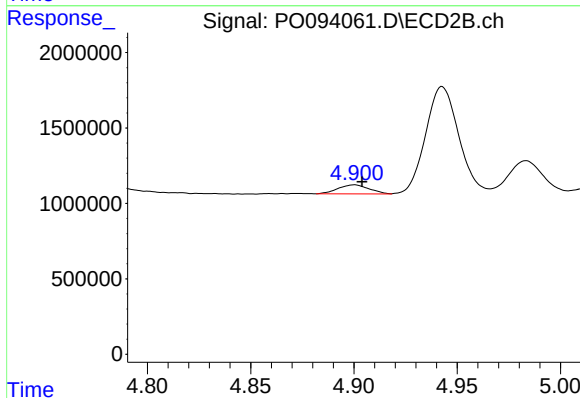
R.T.: 4.723 min
Delta R.T.: -0.005 min
Response: 1371238
Conc: 51.80 ng/ml



#13 AR-1232-3

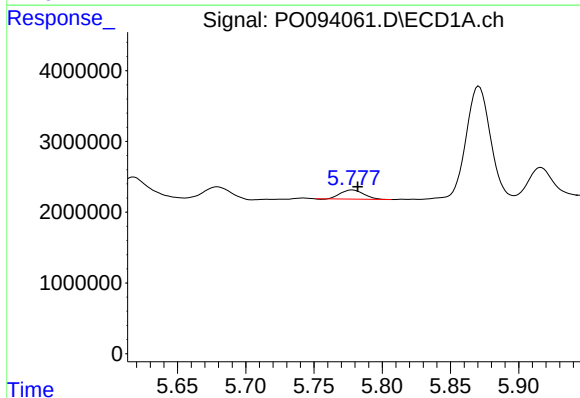
R.T.: 5.618 min
Delta R.T.: -0.003 min
Response: 5350072
Conc: 72.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



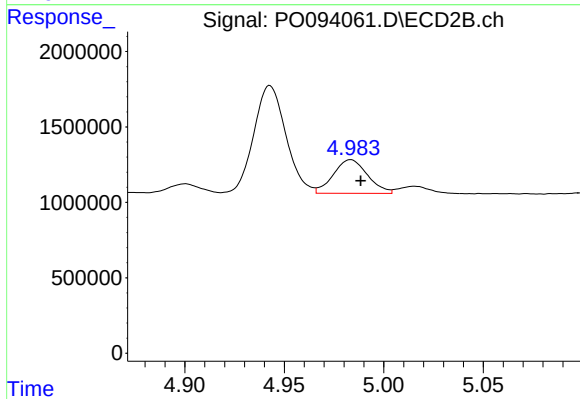
#13 AR-1232-3

R.T.: 4.900 min
Delta R.T.: -0.004 min
Response: 627549
Conc: 47.58 ng/ml



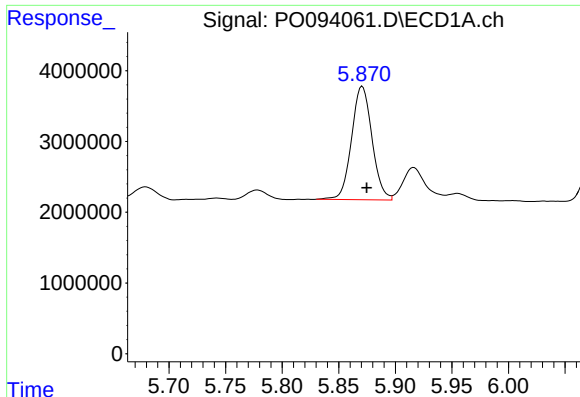
#14 AR-1232-4

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 1536429
Conc: 44.63 ng/ml



#14 AR-1232-4

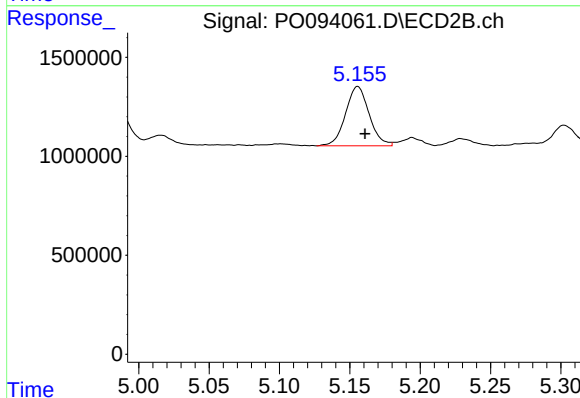
R.T.: 4.983 min
Delta R.T.: -0.005 min
Response: 2668542
Conc: 187.78 ng/ml



#15 AR-1232-5

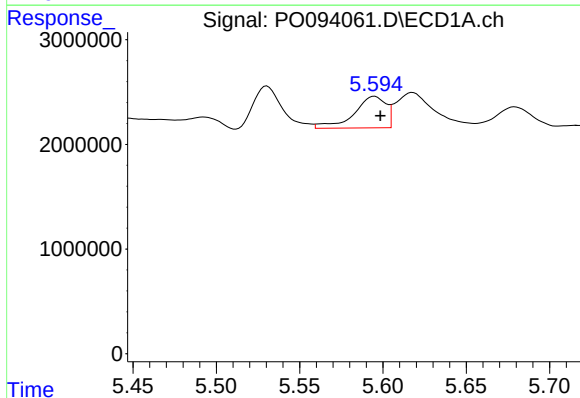
R.T.: 5.871 min
Delta R.T.: -0.004 min
Response: 20170082
Conc: 635.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



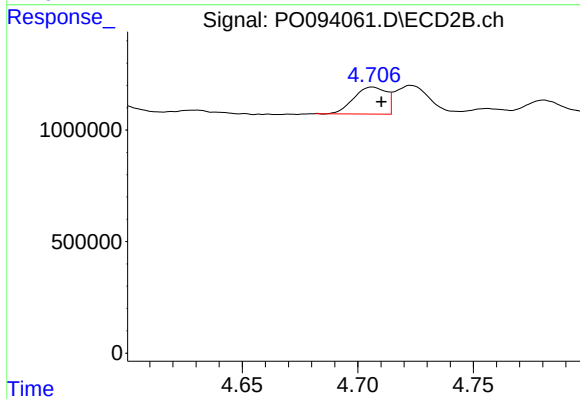
#15 AR-1232-5

R.T.: 5.156 min
Delta R.T.: -0.005 min
Response: 3500641
Conc: 226.60 ng/ml



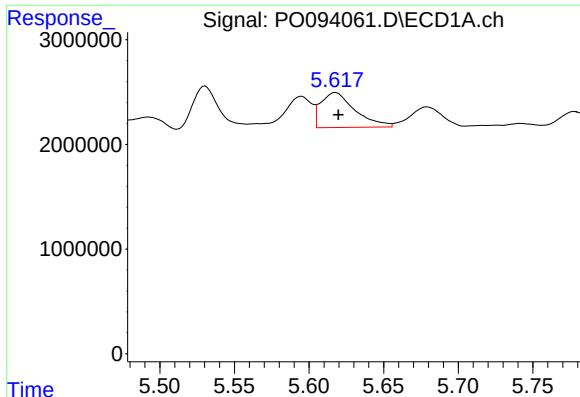
#16 AR-1242-1

R.T.: 5.595 min
Delta R.T.: -0.003 min
Response: 4018900
Conc: 46.04 ng/ml



#16 AR-1242-1

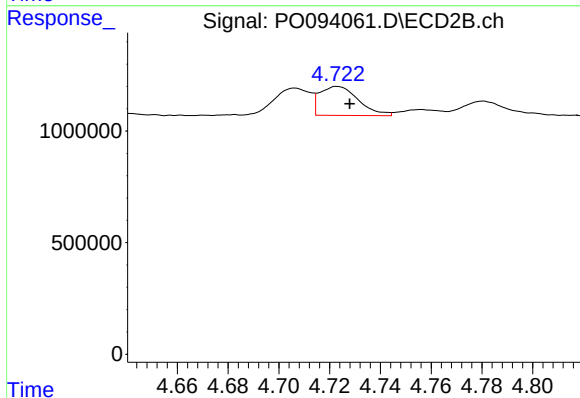
R.T.: 4.706 min
Delta R.T.: -0.004 min
Response: 1178735
Conc: 38.30 ng/ml



#17 AR-1242-2

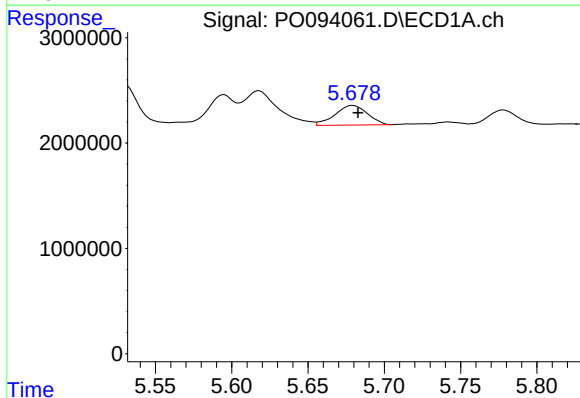
R.T.: 5.618 min
Delta R.T.: -0.002 min
Response: 5350072
Conc: 40.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



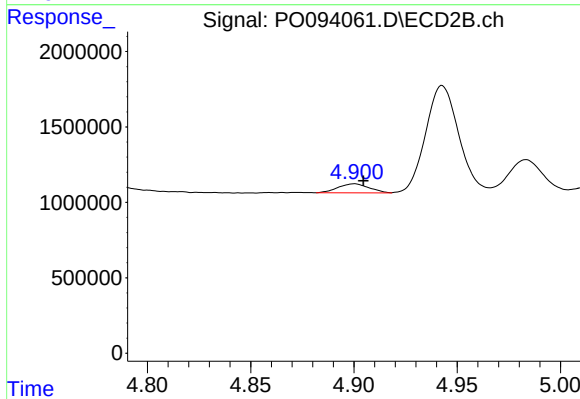
#17 AR-1242-2

R.T.: 4.723 min
Delta R.T.: -0.005 min
Response: 1371238
Conc: 29.81 ng/ml



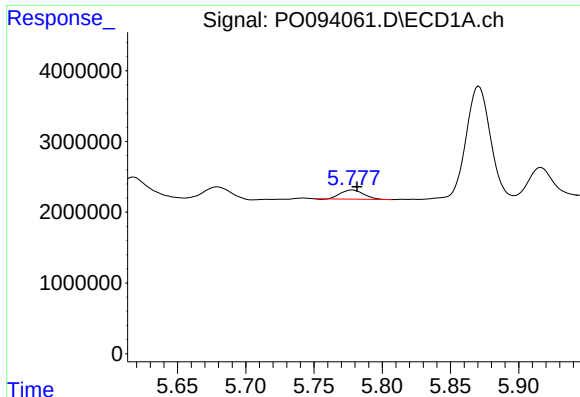
#18 AR-1242-3

R.T.: 5.679 min
Delta R.T.: -0.004 min
Response: 2764894
Conc: 32.57 ng/ml



#18 AR-1242-3

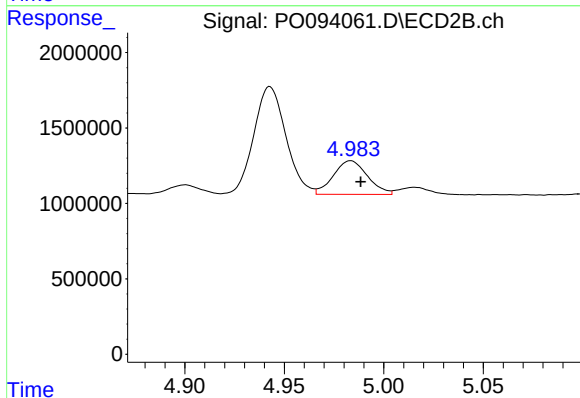
R.T.: 4.900 min
Delta R.T.: -0.004 min
Response: 627549
Conc: 25.90 ng/ml



#19 AR-1242-4

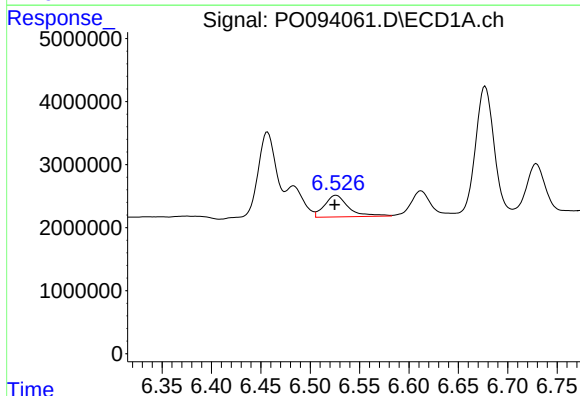
R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 1536429
Conc: 24.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



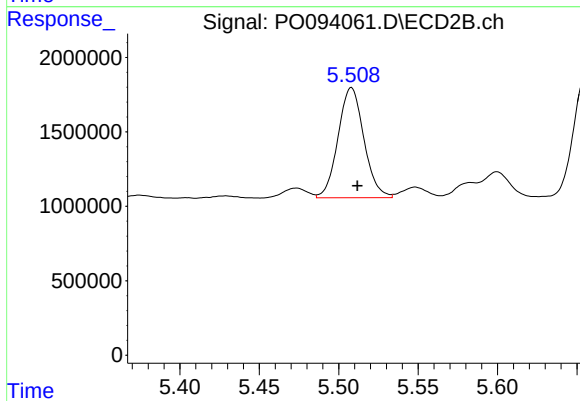
#19 AR-1242-4

R.T.: 4.983 min
Delta R.T.: -0.005 min
Response: 2668542
Conc: 95.05 ng/ml



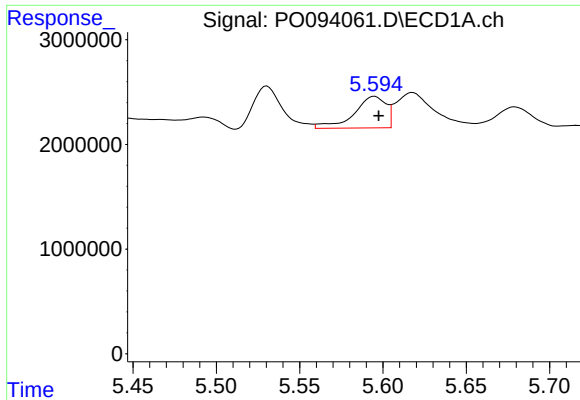
#20 AR-1242-5

R.T.: 6.526 min
Delta R.T.: 0.001 min
Response: 5787406
Conc: 85.96 ng/ml



#20 AR-1242-5

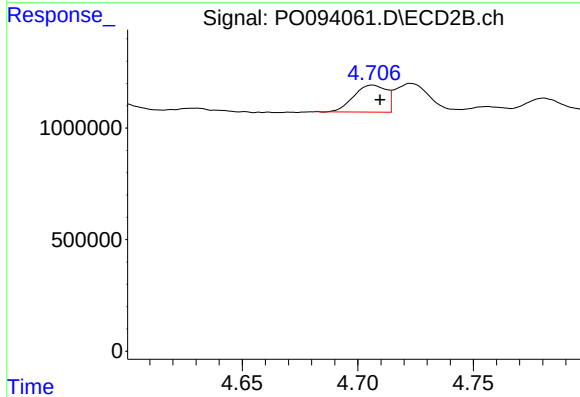
R.T.: 5.508 min
Delta R.T.: -0.004 min
Response: 8379252
Conc: 293.90 ng/ml



#21 AR-1248-1

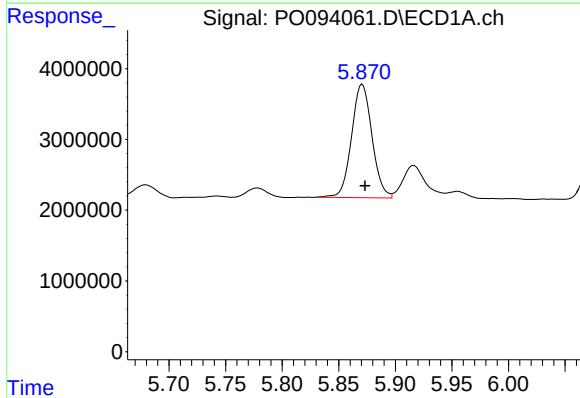
R.T.: 5.595 min
Delta R.T.: -0.002 min
Response: 4018900
Conc: 59.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



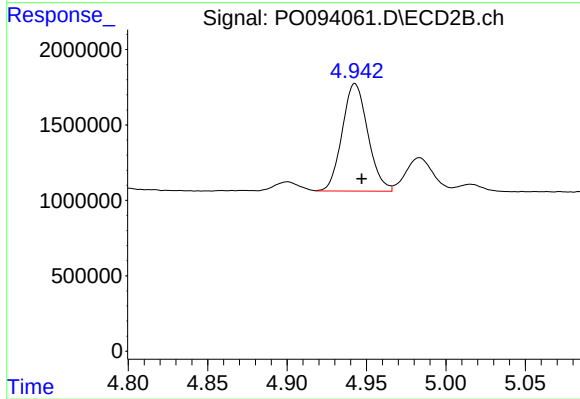
#21 AR-1248-1

R.T.: 4.706 min
Delta R.T.: -0.003 min
Response: 1178735
Conc: 49.42 ng/ml



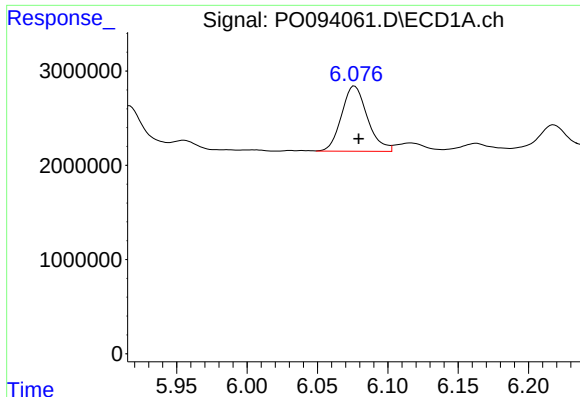
#22 AR-1248-2

R.T.: 5.871 min
Delta R.T.: -0.002 min
Response: 20170082
Conc: 184.39 ng/ml



#22 AR-1248-2

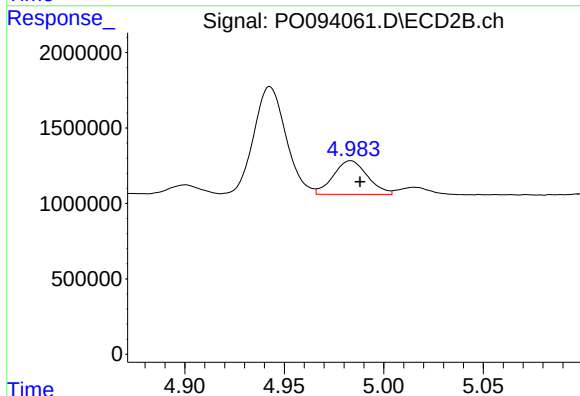
R.T.: 4.943 min
Delta R.T.: -0.004 min
Response: 8009667
Conc: 201.08 ng/ml



#23 AR-1248-3

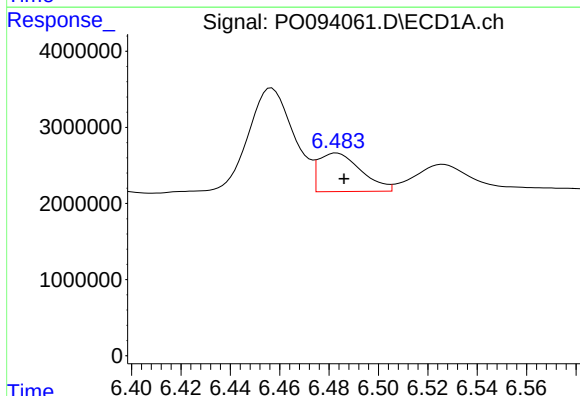
R.T.: 6.076 min
Delta R.T.: -0.003 min
Response: 8874270
Conc: 73.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



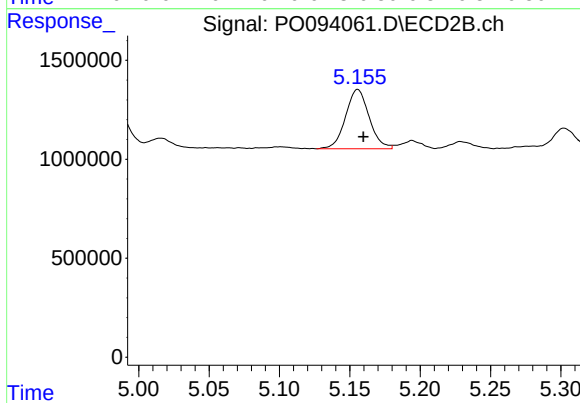
#23 AR-1248-3

R.T.: 4.983 min
Delta R.T.: -0.005 min
Response: 2668542
Conc: 63.93 ng/ml



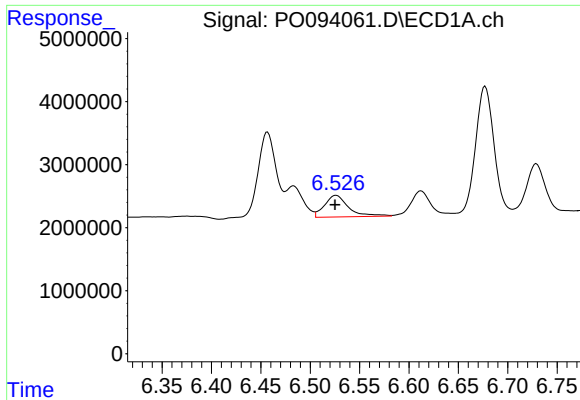
#24 AR-1248-4

R.T.: 6.483 min
Delta R.T.: -0.003 min
Response: 6043146
Conc: 56.27 ng/ml



#24 AR-1248-4

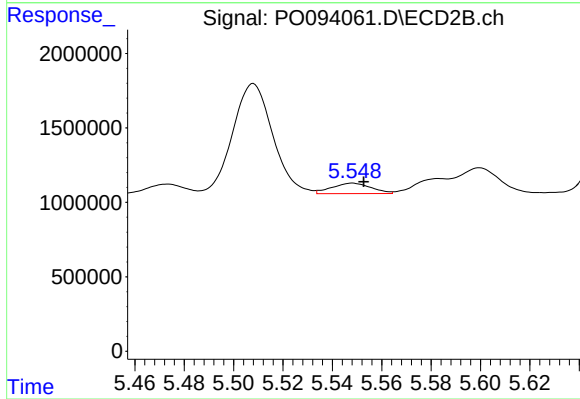
R.T.: 5.156 min
Delta R.T.: -0.004 min
Response: 3500641
Conc: 74.44 ng/ml



#25 AR-1248-5

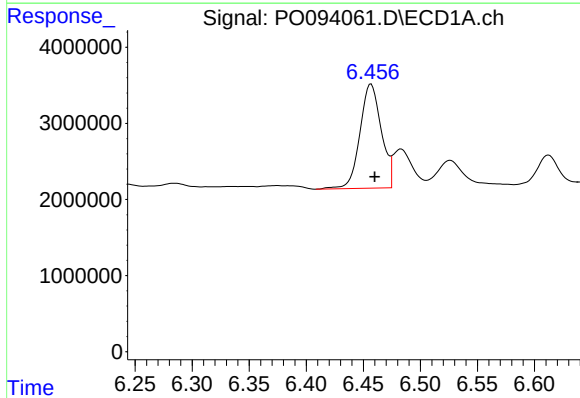
R.T.: 6.526 min
Delta R.T.: 0.001 min
Response: 5787406
Conc: 49.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



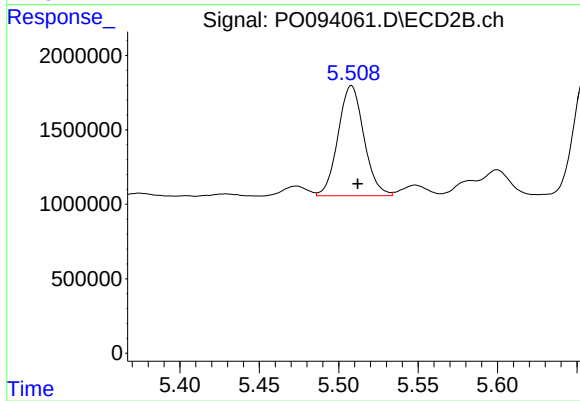
#25 AR-1248-5

R.T.: 5.548 min
Delta R.T.: -0.004 min
Response: 777254
Conc: 20.82 ng/ml



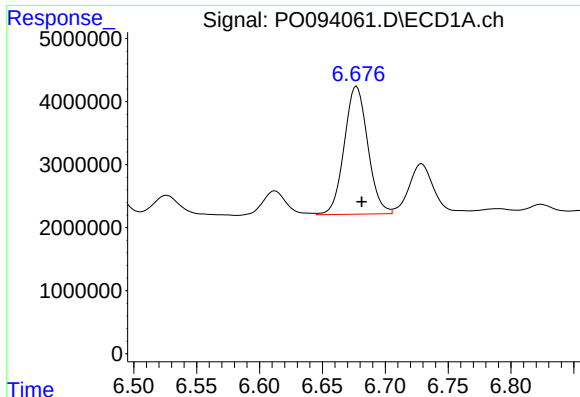
#26 AR-1254-1

R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 17806142
Conc: 131.29 ng/ml



#26 AR-1254-1

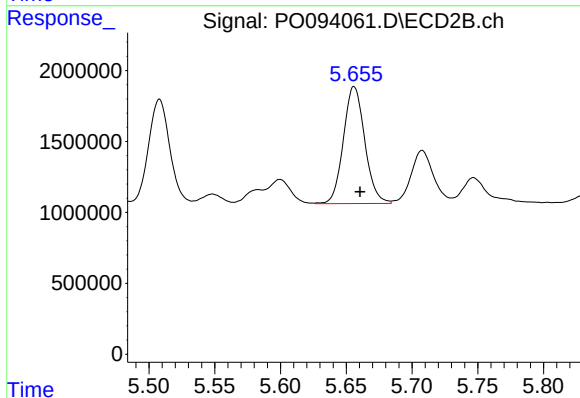
R.T.: 5.508 min
Delta R.T.: -0.004 min
Response: 8379252
Conc: 122.59 ng/ml



#27 AR-1254-2

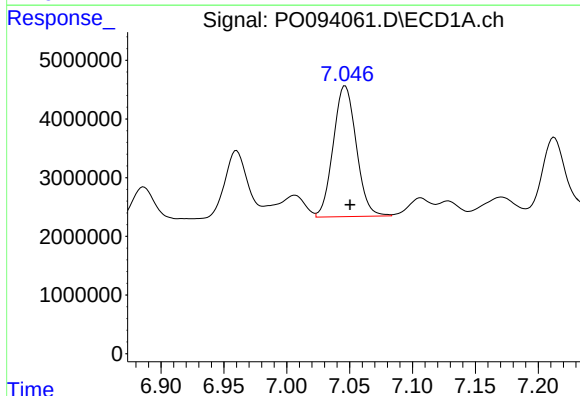
R.T.: 6.677 min
Delta R.T.: -0.004 min
Response: 26424876
Conc: 135.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



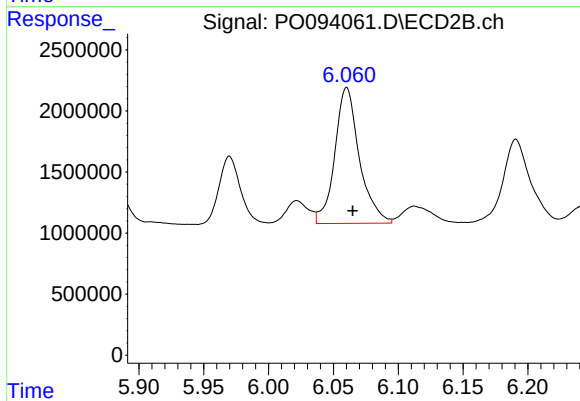
#27 AR-1254-2

R.T.: 5.656 min
Delta R.T.: -0.004 min
Response: 9356155
Conc: 153.62 ng/ml



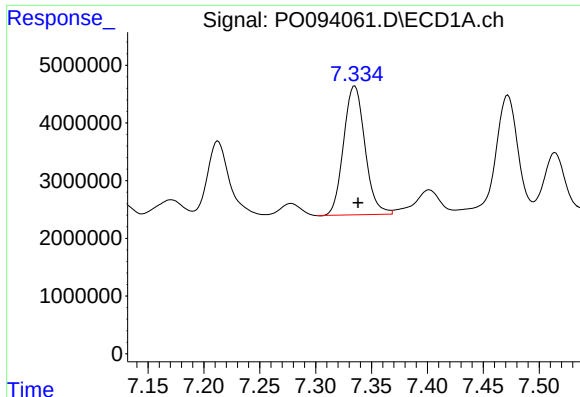
#28 AR-1254-3

R.T.: 7.047 min
Delta R.T.: -0.004 min
Response: 28459612
Conc: 154.05 ng/ml



#28 AR-1254-3

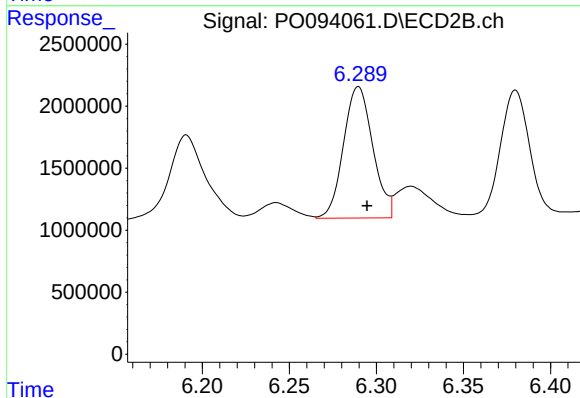
R.T.: 6.060 min
Delta R.T.: -0.005 min
Response: 14699719
Conc: 161.38 ng/ml



#29 AR-1254-4

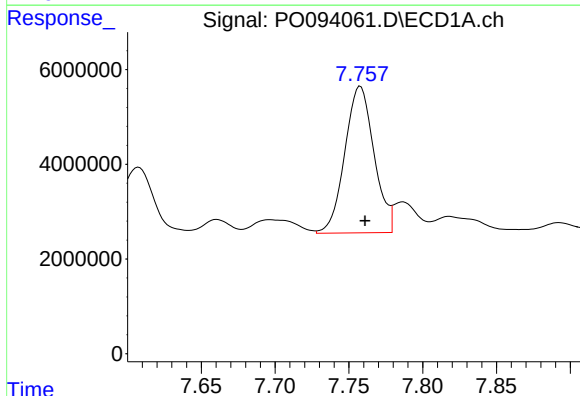
R.T.: 7.335 min
Delta R.T.: -0.003 min
Response: 29743718
Conc: 293.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



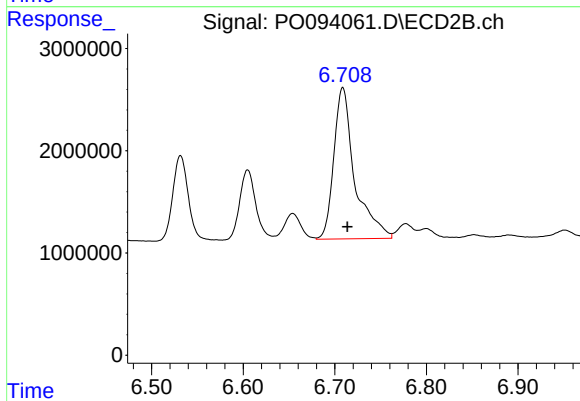
#29 AR-1254-4

R.T.: 6.290 min
Delta R.T.: -0.005 min
Response: 12428215
Conc: 291.77 ng/ml



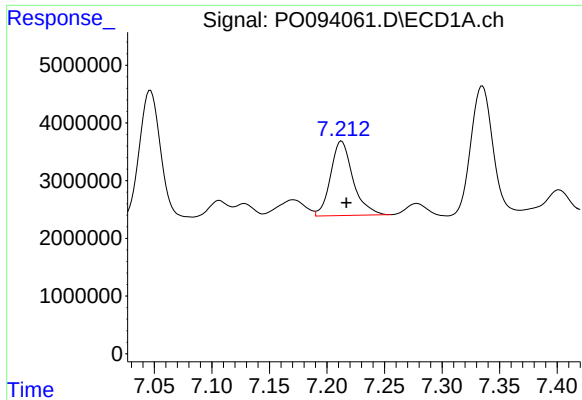
#30 AR-1254-5

R.T.: 7.758 min
Delta R.T.: -0.003 min
Response: 42606169
Conc: 314.19 ng/ml



#30 AR-1254-5

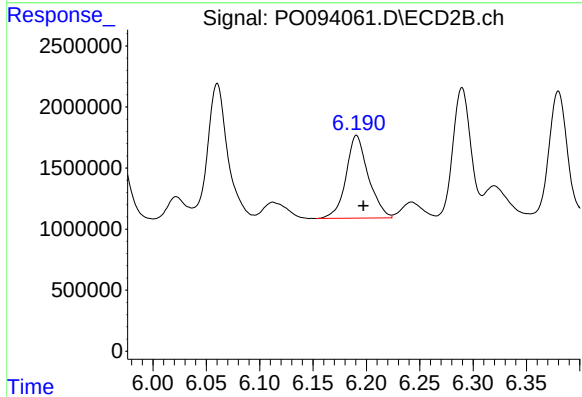
R.T.: 6.709 min
Delta R.T.: -0.005 min
Response: 23458574
Conc: 325.12 ng/ml



#31 AR-1260-1

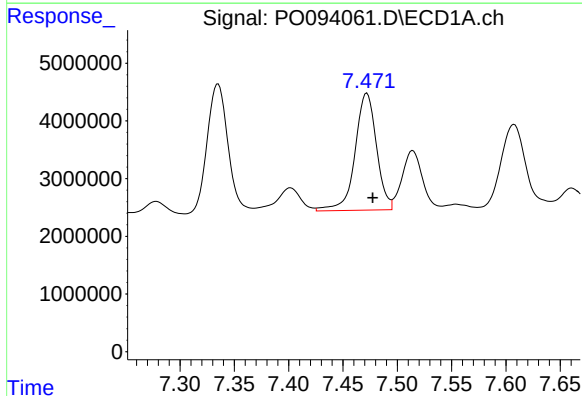
R.T.: 7.213 min
Delta R.T.: -0.004 min
Response: 17478576
Conc: 119.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



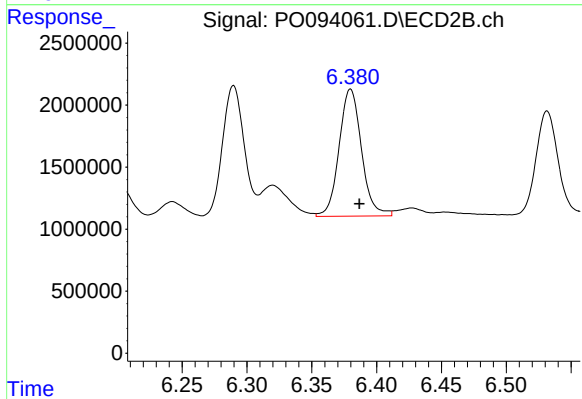
#31 AR-1260-1

R.T.: 6.191 min
Delta R.T.: -0.006 min
Response: 9859623
Conc: 151.20 ng/ml



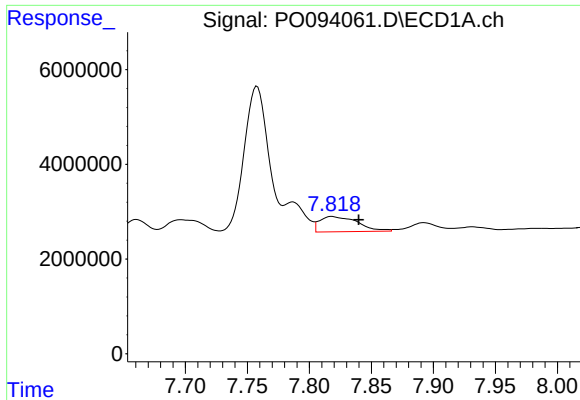
#32 AR-1260-2

R.T.: 7.472 min
Delta R.T.: -0.005 min
Response: 27868327
Conc: 174.12 ng/ml



#32 AR-1260-2

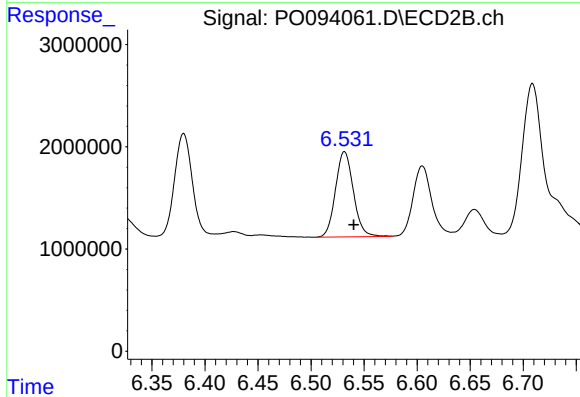
R.T.: 6.380 min
Delta R.T.: -0.007 min
Response: 12338711
Conc: 169.90 ng/ml



#33 AR-1260-3

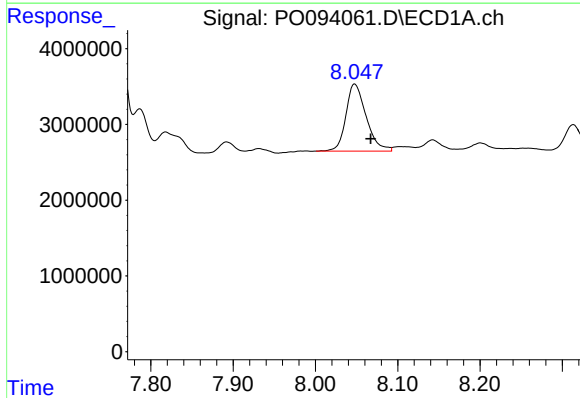
R.T.: 7.818 min
Delta R.T.: -0.022 min
Response: 6898493
Conc: 51.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



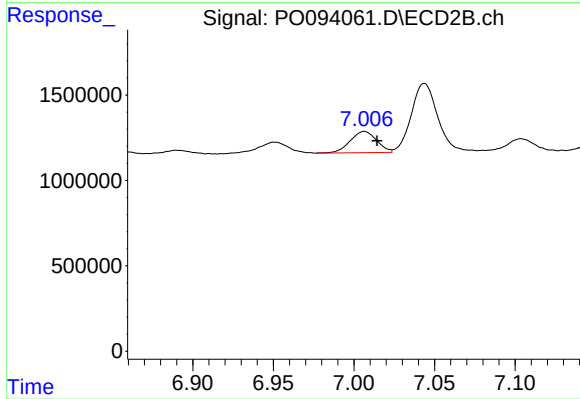
#33 AR-1260-3

R.T.: 6.532 min
Delta R.T.: -0.009 min
Response: 9795236
Conc: 134.97 ng/ml



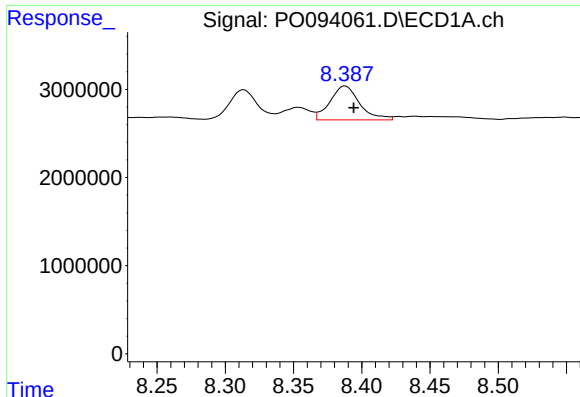
#34 AR-1260-4

R.T.: 8.048 min
Delta R.T.: -0.019 min
Response: 15142710
Conc: 109.93 ng/ml



#34 AR-1260-4

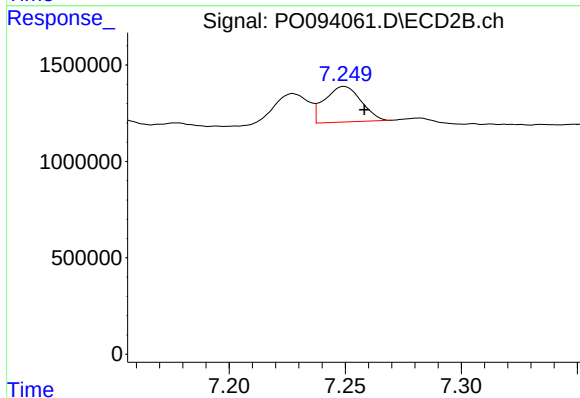
R.T.: 7.007 min
Delta R.T.: -0.008 min
Response: 1423296
Conc: 25.63 ng/ml



#35 AR-1260-5

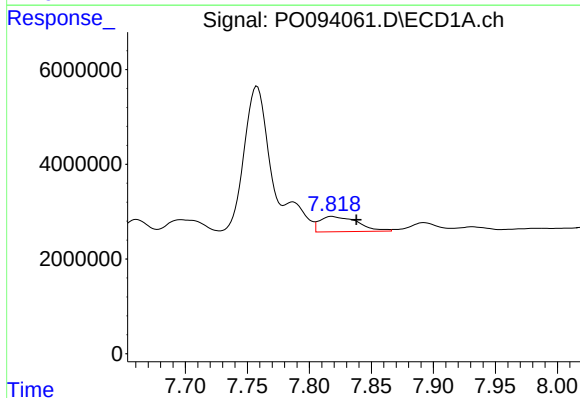
R.T.: 8.388 min
Delta R.T.: -0.006 min
Response: 5822129
Conc: 26.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



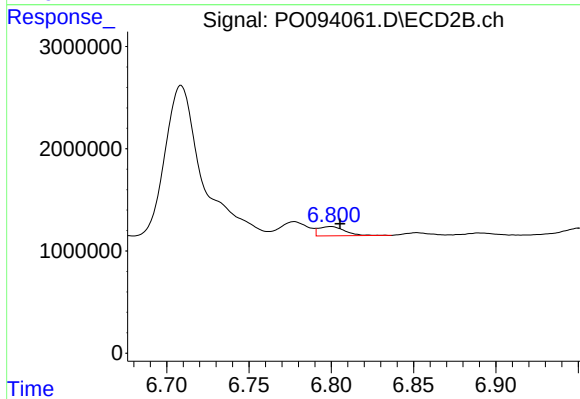
#35 AR-1260-5

R.T.: 7.250 min
Delta R.T.: -0.009 min
Response: 2022612
Conc: 19.49 ng/ml



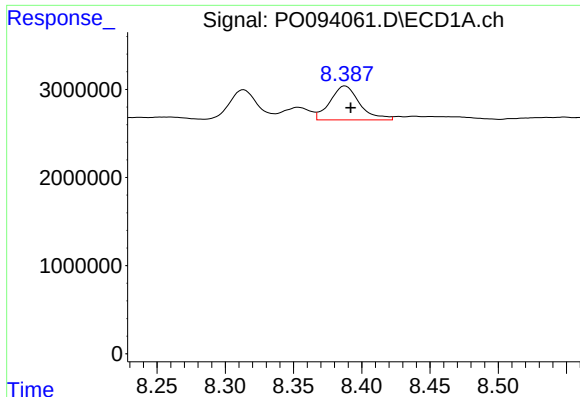
#36 AR-1262-1

R.T.: 7.818 min
Delta R.T.: -0.020 min
Response: 6898493
Conc: 40.38 ng/ml



#36 AR-1262-1

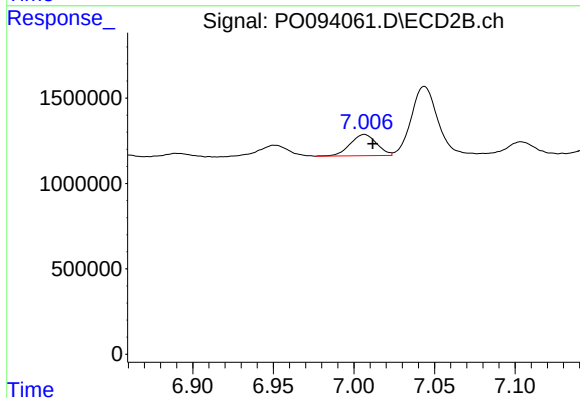
R.T.: 6.800 min
Delta R.T.: -0.006 min
Response: 1003638
Conc: 28.69 ng/ml



#37 AR-1262-2

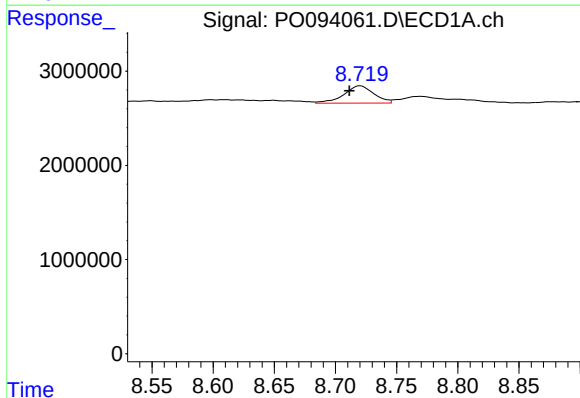
R.T.: 8.388 min
Delta R.T.: -0.004 min
Response: 5822129
Conc: 25.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



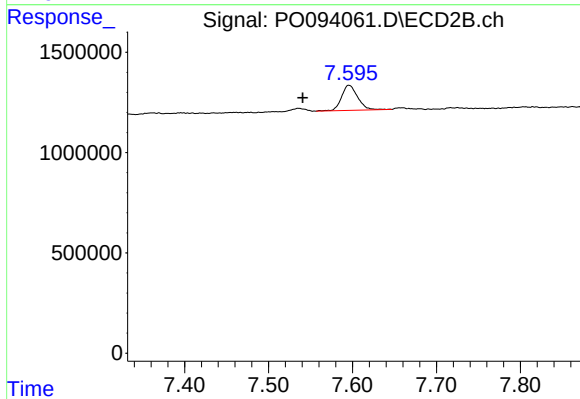
#37 AR-1262-2

R.T.: 7.007 min
Delta R.T.: -0.005 min
Response: 1423296
Conc: 20.14 ng/ml



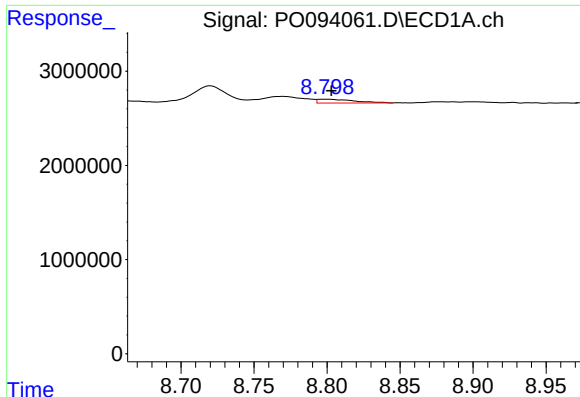
#38 AR-1262-3

R.T.: 8.720 min
Delta R.T.: 0.009 min
Response: 3138025
Conc: 19.16 ng/ml



#38 AR-1262-3

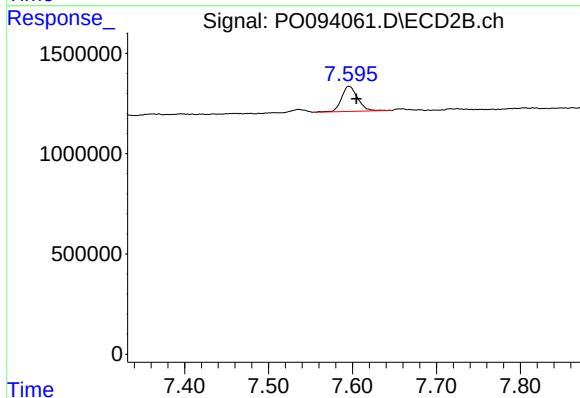
R.T.: 7.596 min
Delta R.T.: 0.055 min
Response: 1676800
Conc: 33.51 ng/ml



#39 AR-1262-4

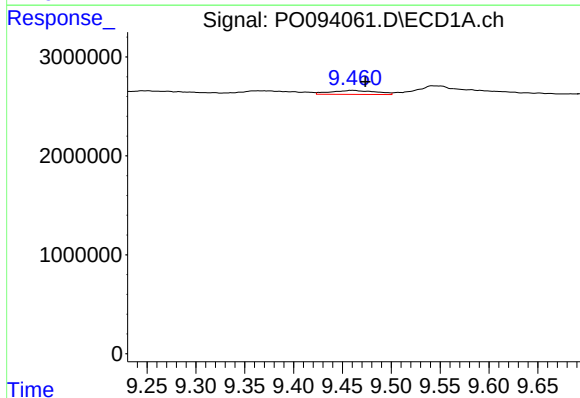
R.T.: 8.798 min
Delta R.T.: -0.004 min
Response: 691707
Conc: 6.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



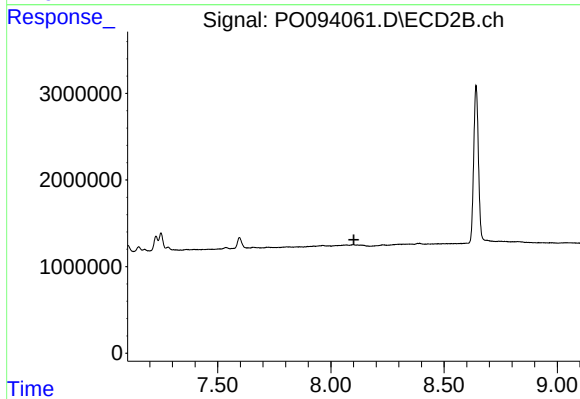
#39 AR-1262-4

R.T.: 7.596 min
Delta R.T.: -0.009 min
Response: 1676800
Conc: 20.22 ng/ml



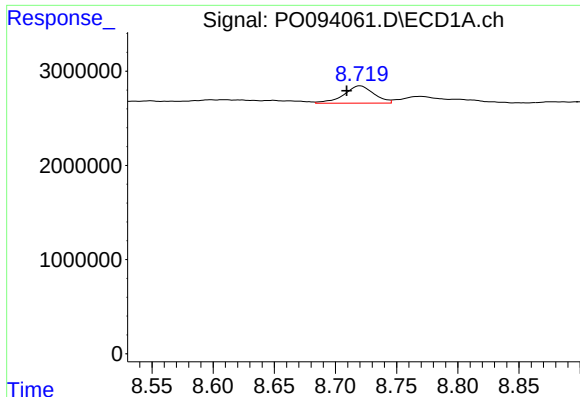
#40 AR-1262-5

R.T.: 9.461 min
Delta R.T.: -0.012 min
Response: 1290200
Conc: 16.03 ng/ml



#40 AR-1262-5

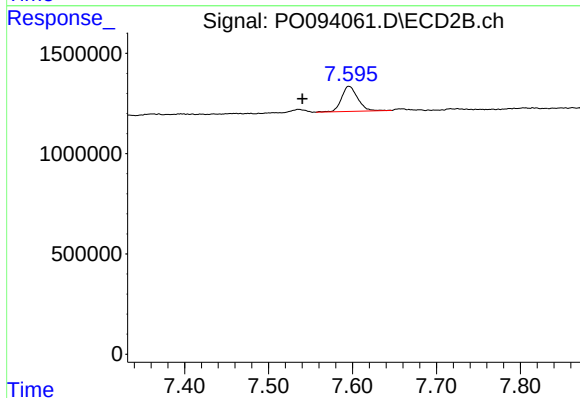
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#41 AR-1268-1

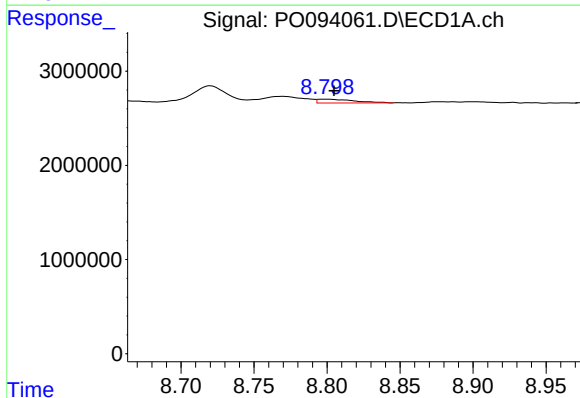
R.T.: 8.720 min
Delta R.T.: 0.011 min
Response: 3138025
Conc: 9.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



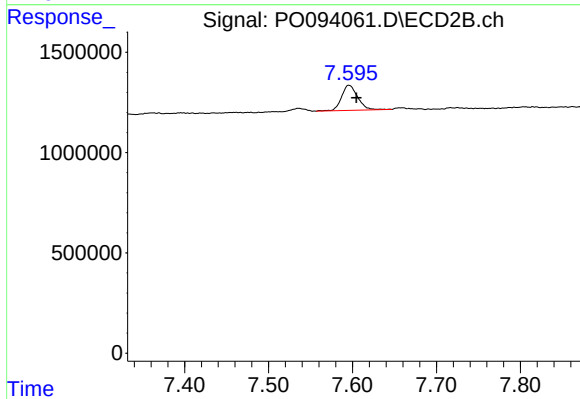
#41 AR-1268-1

R.T.: 7.596 min
Delta R.T.: 0.055 min
Response: 1676800
Conc: 10.98 ng/ml



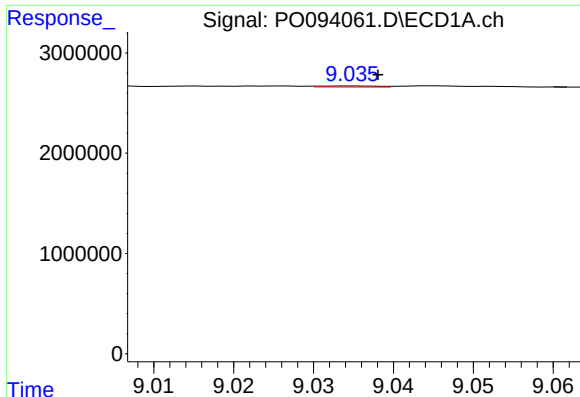
#42 AR-1268-2

R.T.: 8.798 min
Delta R.T.: -0.006 min
Response: 691707
Conc: 2.15 ng/ml



#42 AR-1268-2

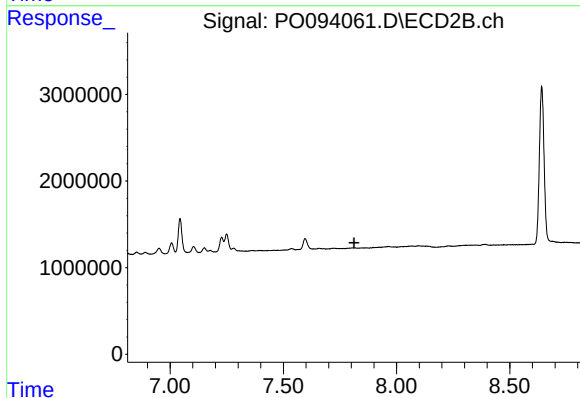
R.T.: 7.596 min
Delta R.T.: -0.009 min
Response: 1676800
Conc: 12.34 ng/ml



#43 AR-1268-3

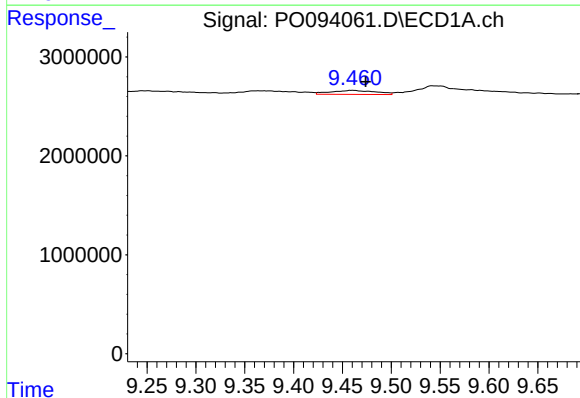
R.T.: 9.035 min
Delta R.T.: -0.003 min
Response: 50374
Conc: 0.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



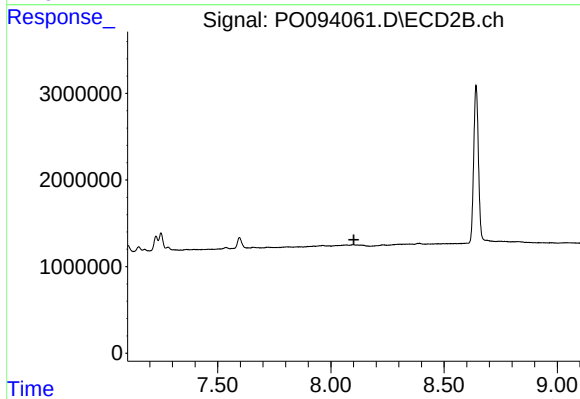
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.812 min
Response: 0
Conc: N.D.



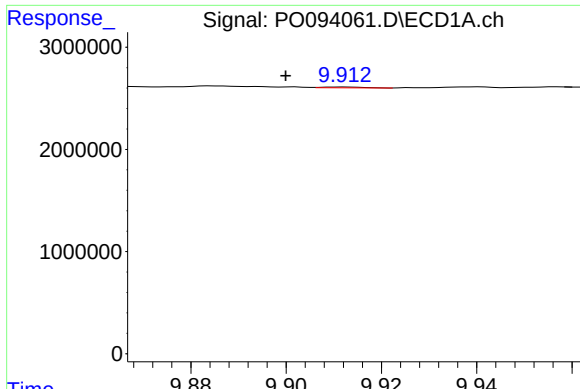
#44 AR-1268-4

R.T.: 9.461 min
Delta R.T.: -0.013 min
Response: 1290200
Conc: 13.34 ng/ml



#44 AR-1268-4

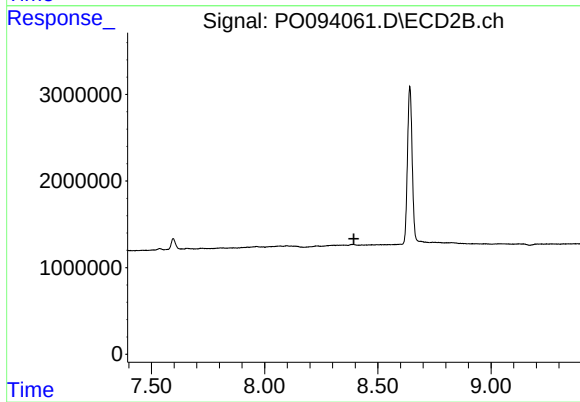
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.912 min
Delta R.T.: 0.012 min
Response: 43366
Conc: 0.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.394 min
Response: 0
Conc: N.D.