

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0042023\
 Data File : P0094414.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2023 11:02
 Operator : YP/AJ
 Sample : 02270-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 20 21:34:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 20 05:15:06 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...	4.415	3.618	63744138	23788147	19.815	18.416
2)	SA Decachlor...	10.249	8.632	38680444	17742658	18.097	17.814
Target Compounds							
3)	L1 AR-1016-1	5.593	4.699	4453546	1667888	48.937	45.313
4)	L1 AR-1016-2	5.616	4.717	12096365	3201614	86.187	56.410 #
5)	L1 AR-1016-3	5.678	4.893	3863292	2314527	42.785	78.283 #
6)	L1 AR-1016-4	5.778	4.937	1451995	4862690	21.266	177.572 #
7)	L1 AR-1016-5	6.073	5.149	17161184	3951989	224.558	113.120 #
8)	L2 AR-1221-1	4.622	3.835	6748867	621156	164.321	37.441 #
9)	L2 AR-1221-2	4.722	3.900	2144463	1388586	70.831	112.451 #
10)	L2 AR-1221-3	4.789	3.991	2751515	878155	29.342	23.048
11)	L3 AR-1232-1	4.789	3.991	2751515	878155	34.672	26.580
12)	L3 AR-1232-2	5.322	4.717	9648712	3201614	245.539	114.112 #
13)	L3 AR-1232-3	5.616	4.893	12096365	2314527	180.672	163.935
14)	L3 AR-1232-4	5.778	4.976	1451995	2798320	45.280	185.926 #
15)	L3 AR-1232-5	5.870	5.149	10962093	3951989	363.315	243.488 #
16)	L4 AR-1242-1	5.593	4.699	4453546	1667888	56.337	52.395
17)	L4 AR-1242-2	5.616	4.717	12096365	3201614	99.667	67.028 #
18)	L4 AR-1242-3	5.678	4.893	3863292	2314527	49.296	91.452 #
19)	L4 AR-1242-4	5.778	4.976	1451995	2798320	24.902	96.313 #
20)	L4 AR-1242-5	6.523	5.502	16685249	28876911	279.062	982.121 #
21)	L5 AR-1248-1	5.593	4.699	4453546	1667888	73.863	67.685
22)	L5 AR-1248-2	5.870	4.937	10962093	4862690	106.221	118.529
23)	L5 AR-1248-3	6.073	4.976	17161184	2798320	156.200	65.808 #
24)	L5 AR-1248-4	6.490	5.149	28897529	3951989	295.069	81.589 #
25)	L5 AR-1248-5	6.523	5.574	16685249	5223304	158.974	136.283
26)	L6 AR-1254-1	6.460	5.502	44163643	28876911	357.148	413.153
27)	L6 AR-1254-2	6.680	5.649	62179387	17997258	343.450	287.426
28)	L6 AR-1254-3	7.048	6.053	80917614	42524972	474.328	459.980
29)	L6 AR-1254-4	7.336	6.282	32462344	17369234	344.464	409.931
30)	L6 AR-1254-5	7.761	6.701	78063621	73390539	653.863	979.198 #
31)	L7 AR-1260-1	7.216	6.183	12962583	29323596	96.979	436.828 #
32)	L7 AR-1260-2	7.470	6.377	92582229	83782105	661.369	1127.085 #
33)	L7 AR-1260-3	7.837	6.525	24545148	21781351	215.241	304.977 #
34)	L7 AR-1260-4	8.054	6.999	32545763	8742055	271.922	148.666 #
35)	L7 AR-1260-5	8.393	7.242	39113903	29712757	189.673	261.408 #
36)	L8 AR-1262-1	7.837	6.794	24545148	6124239	152.821	167.901
37)	L8 AR-1262-2	8.393	6.999	39113903	8742055	178.995	119.112 #
38)	L8 AR-1262-3	8.722	7.527	33607003	6845438	214.361	127.656 #
39)	L8 AR-1262-4	8.805	7.591	11208737	16949335	121.673	181.397 #
40)	L8 AR-1262-5	9.477	8.088	11965530	5506937	163.644	146.089
41)	L9 AR-1268-1	8.722	7.527	33607003	6845438	105.968	41.179 #

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 ALS Vial : 13 Sample Multiplier: 1

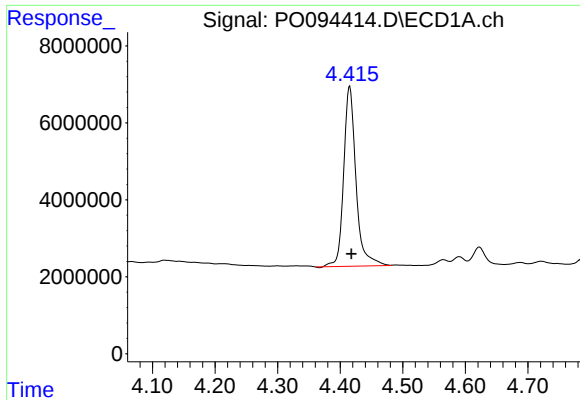
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 20 21:34:50 2023
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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	8.805	7.591	11208737	16949335	39.732	110.096 #
43) L9	AR-1268-3	9.038	7.799	1670212	1640854	6.336	11.956 #
44) L9	AR-1268-4	9.477	8.088	11965530	5506937	141.843	121.510
45) L9	AR-1268-5	9.903	8.379	9705983	5737624	12.133	15.382 #

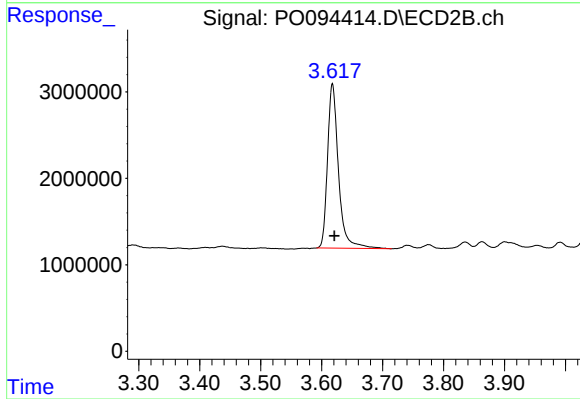
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

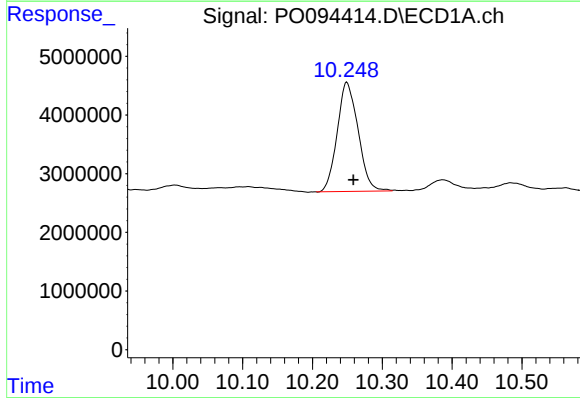
R.T.: 4.415 min
Delta R.T.: -0.003 min
Response: 63744138
Conc: 19.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



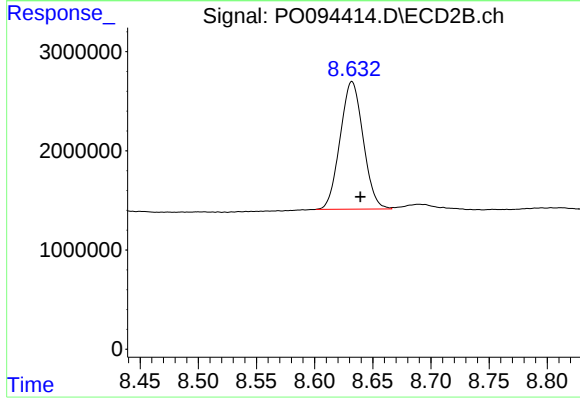
#1 Tetrachloro-m-xylene

R.T.: 3.618 min
Delta R.T.: -0.003 min
Response: 23788147
Conc: 18.42 ng/ml



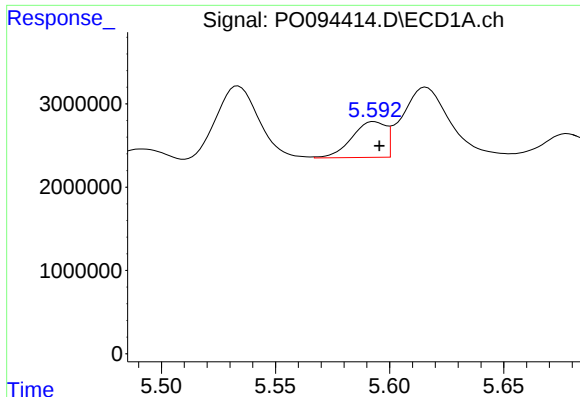
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: -0.009 min
Response: 38680444
Conc: 18.10 ng/ml



#2 Decachlorobiphenyl

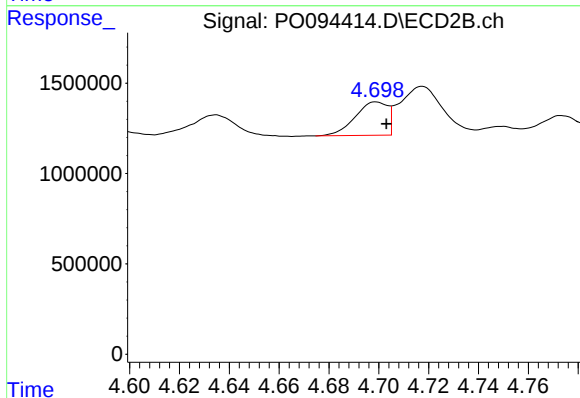
R.T.: 8.632 min
Delta R.T.: -0.007 min
Response: 17742658
Conc: 17.81 ng/ml



#3 AR-1016-1

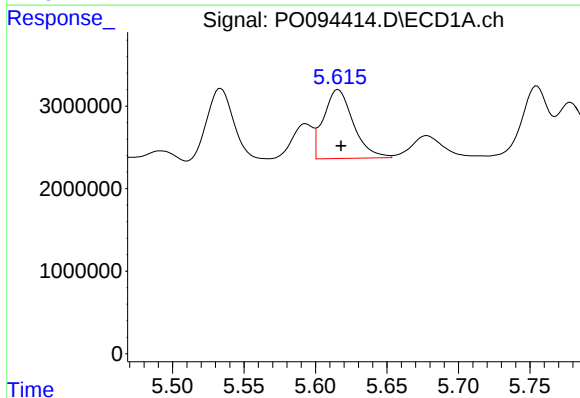
R.T.: 5.593 min
Delta R.T.: -0.002 min
Response: 4453546
Conc: 48.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



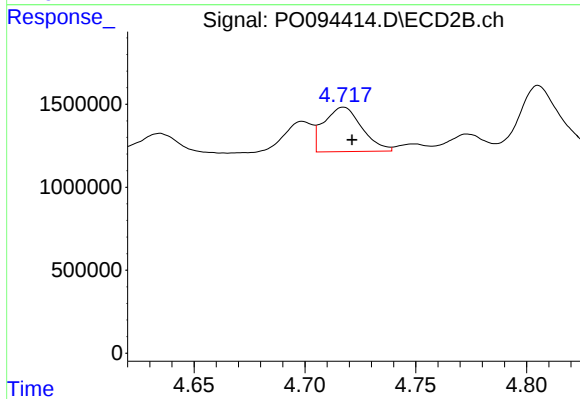
#3 AR-1016-1

R.T.: 4.699 min
Delta R.T.: -0.004 min
Response: 1667888
Conc: 45.31 ng/ml



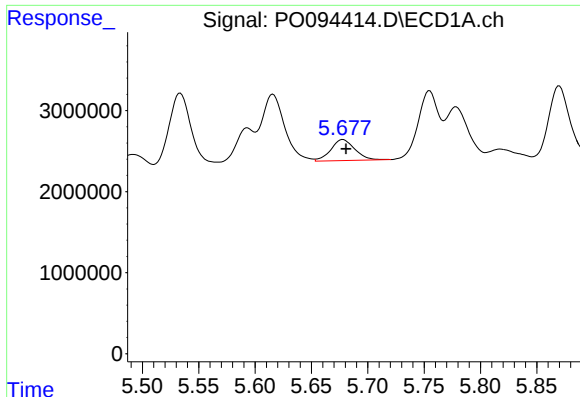
#4 AR-1016-2

R.T.: 5.616 min
Delta R.T.: -0.002 min
Response: 12096365
Conc: 86.19 ng/ml



#4 AR-1016-2

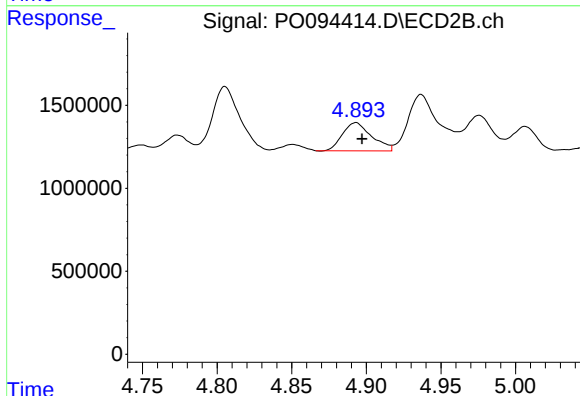
R.T.: 4.717 min
Delta R.T.: -0.004 min
Response: 3201614
Conc: 56.41 ng/ml



#5 AR-1016-3

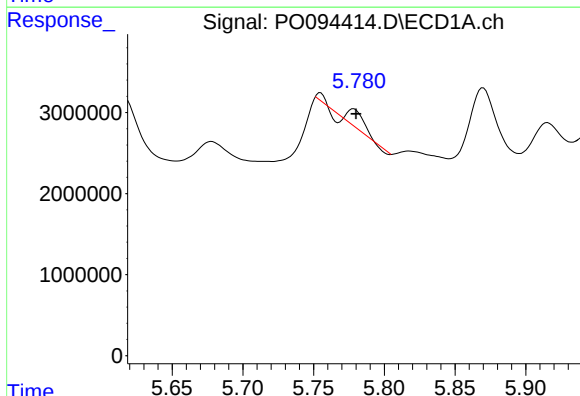
R.T.: 5.678 min
Delta R.T.: -0.003 min
Response: 3863292
Conc: 42.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



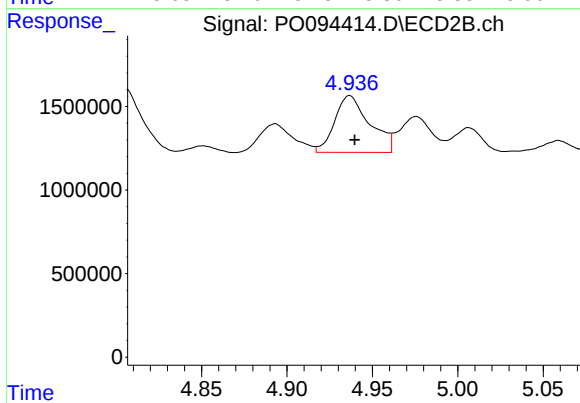
#5 AR-1016-3

R.T.: 4.893 min
Delta R.T.: -0.004 min
Response: 2314527
Conc: 78.28 ng/ml



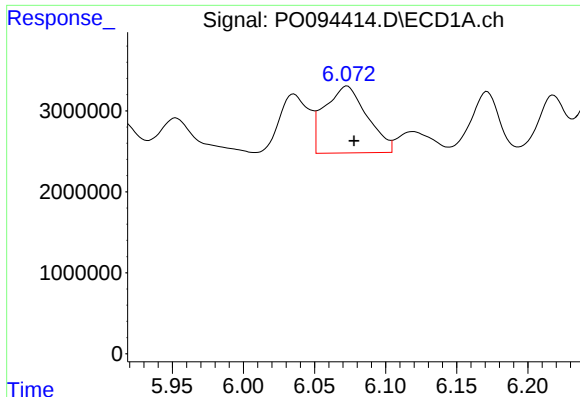
#6 AR-1016-4

R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 1451995
Conc: 21.27 ng/ml



#6 AR-1016-4

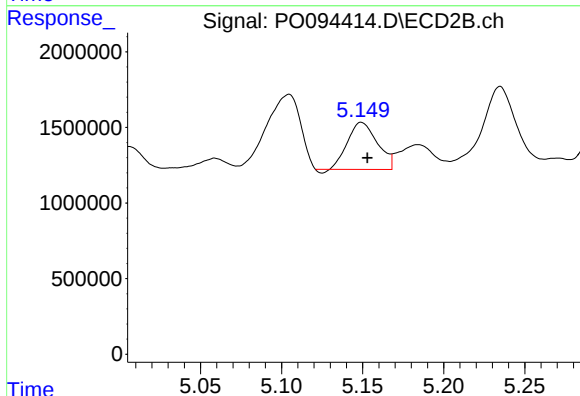
R.T.: 4.937 min
Delta R.T.: -0.003 min
Response: 4862690
Conc: 177.57 ng/ml



#7 AR-1016-5

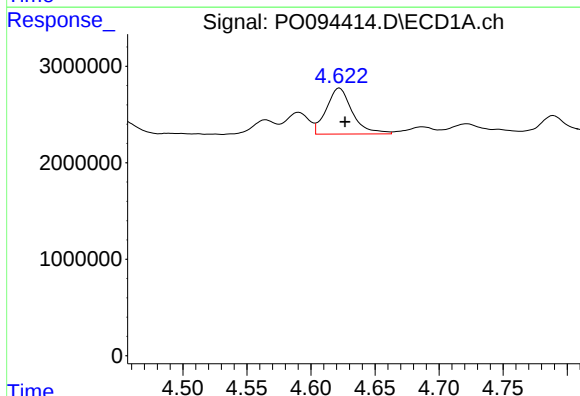
R.T.: 6.073 min
Delta R.T.: -0.005 min
Response: 17161184
Conc: 224.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



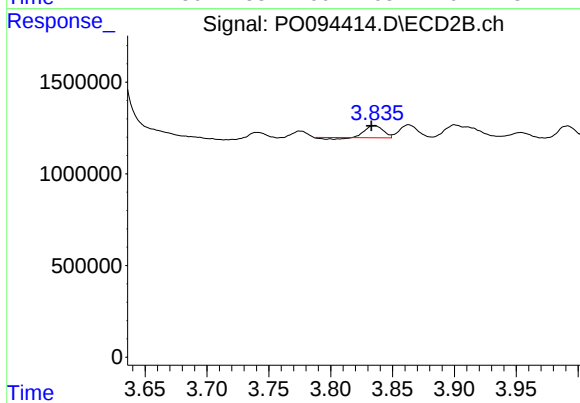
#7 AR-1016-5

R.T.: 5.149 min
Delta R.T.: -0.004 min
Response: 3951989
Conc: 113.12 ng/ml



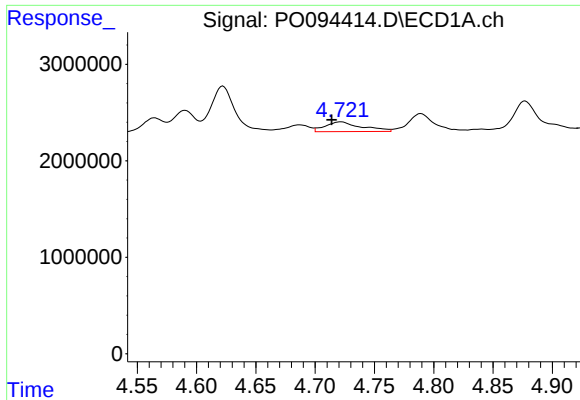
#8 AR-1221-1

R.T.: 4.622 min
Delta R.T.: -0.004 min
Response: 6748867
Conc: 164.32 ng/ml



#8 AR-1221-1

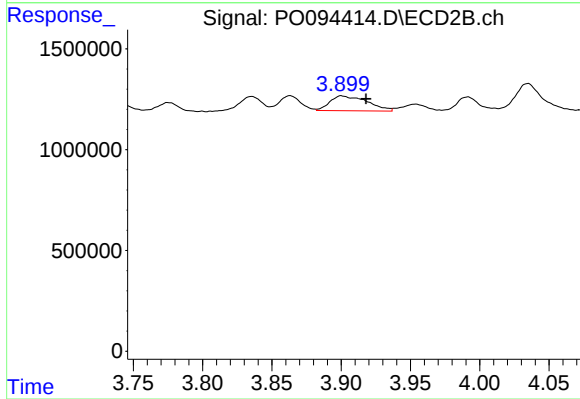
R.T.: 3.835 min
Delta R.T.: 0.002 min
Response: 621156
Conc: 37.44 ng/ml



#9 AR-1221-2

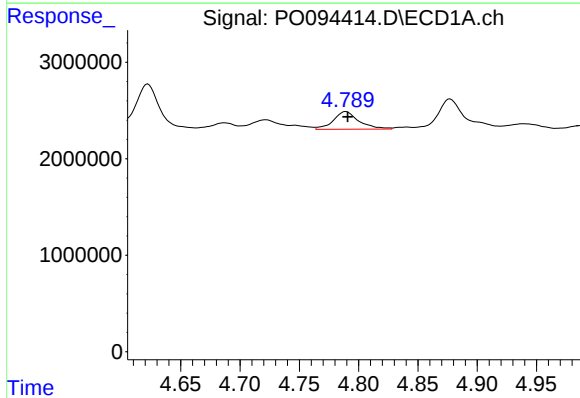
R.T.: 4.722 min
Delta R.T.: 0.008 min
Response: 2144463
Conc: 70.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



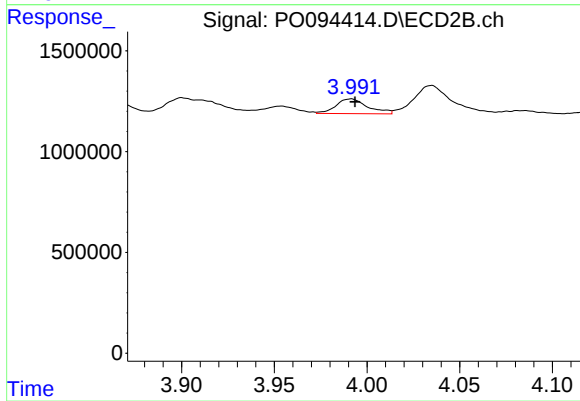
#9 AR-1221-2

R.T.: 3.900 min
Delta R.T.: -0.018 min
Response: 1388586
Conc: 112.45 ng/ml



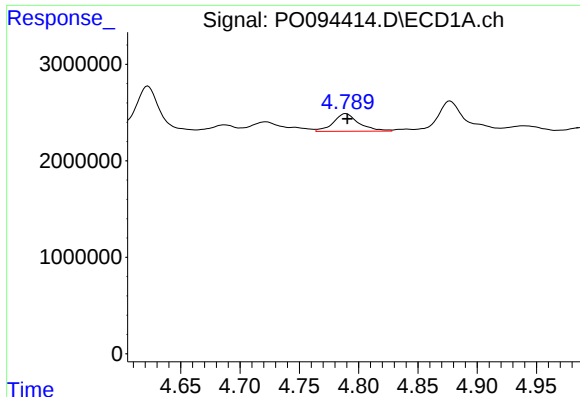
#10 AR-1221-3

R.T.: 4.789 min
Delta R.T.: -0.002 min
Response: 2751515
Conc: 29.34 ng/ml



#10 AR-1221-3

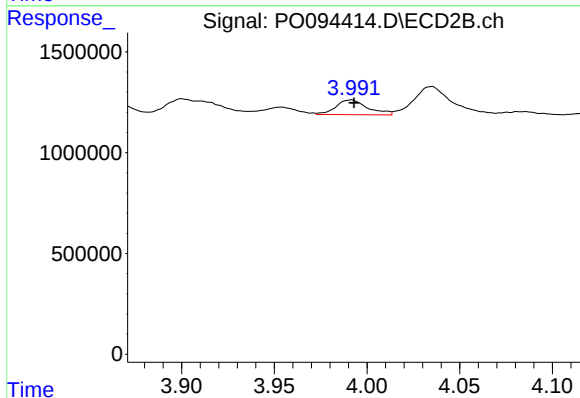
R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 878155
Conc: 23.05 ng/ml



#11 AR-1232-1

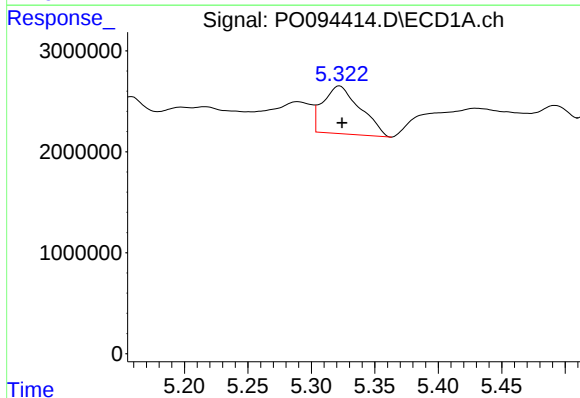
R.T.: 4.789 min
Delta R.T.: -0.001 min
Response: 2751515
Conc: 34.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



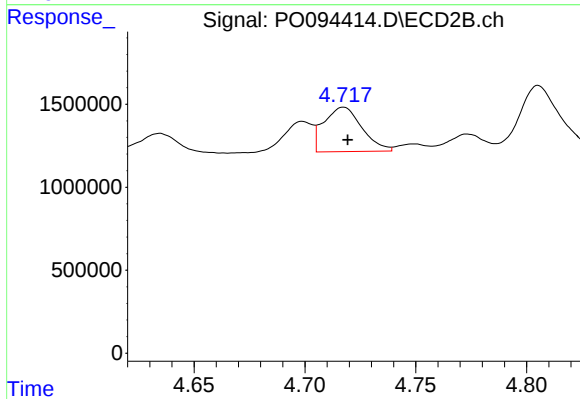
#11 AR-1232-1

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 878155
Conc: 26.58 ng/ml



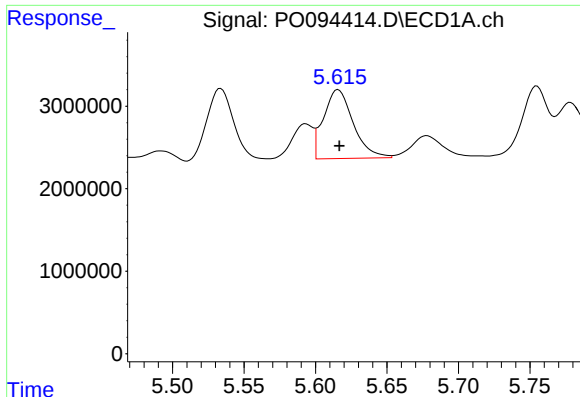
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: -0.002 min
Response: 9648712
Conc: 245.54 ng/ml



#12 AR-1232-2

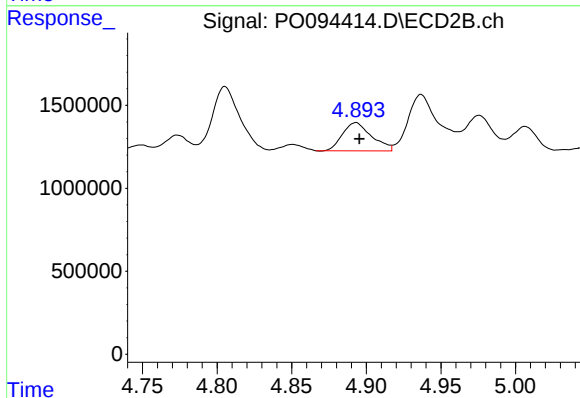
R.T.: 4.717 min
Delta R.T.: -0.002 min
Response: 3201614
Conc: 114.11 ng/ml



#13 AR-1232-3

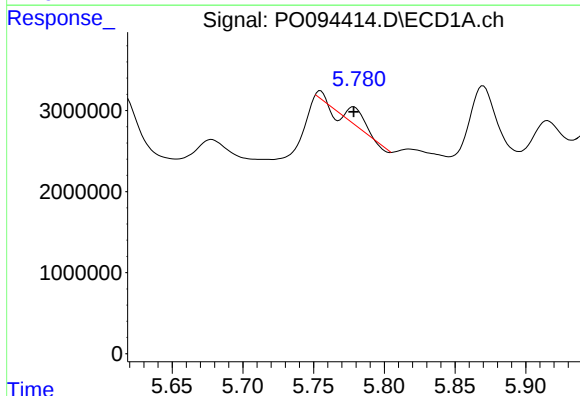
R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 12096365
Conc: 180.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



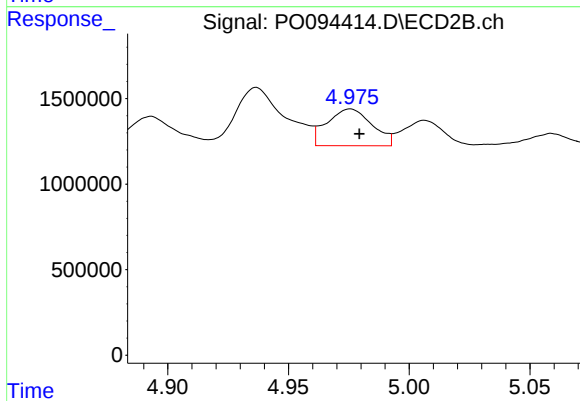
#13 AR-1232-3

R.T.: 4.893 min
Delta R.T.: -0.002 min
Response: 2314527
Conc: 163.93 ng/ml



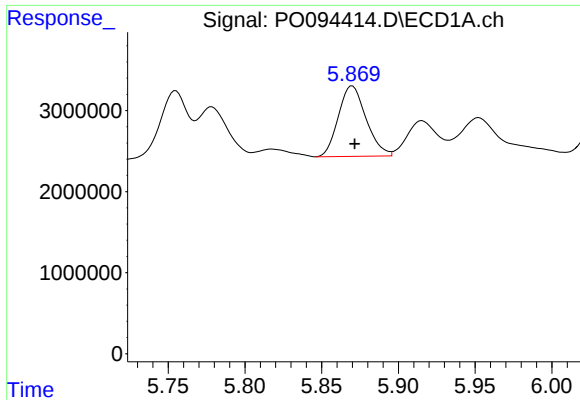
#14 AR-1232-4

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 1451995
Conc: 45.28 ng/ml



#14 AR-1232-4

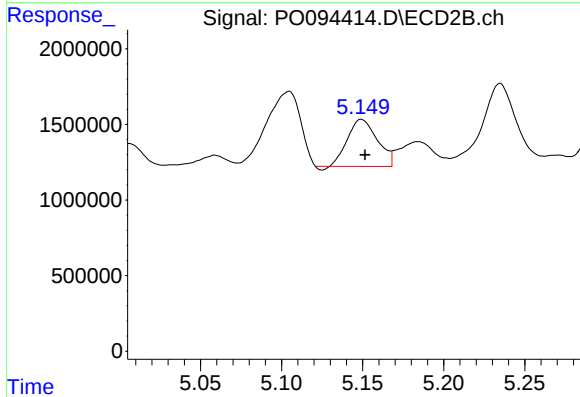
R.T.: 4.976 min
Delta R.T.: -0.004 min
Response: 2798320
Conc: 185.93 ng/ml



#15 AR-1232-5

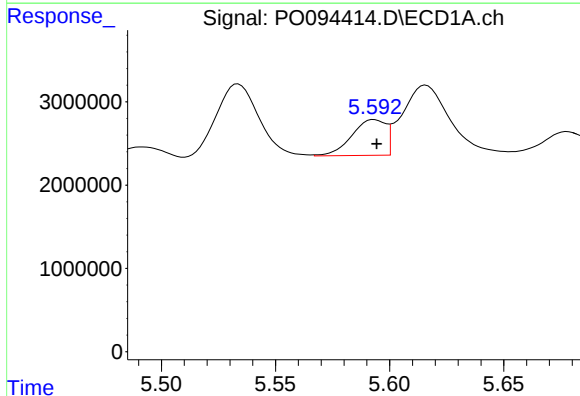
R.T.: 5.870 min
Delta R.T.: -0.002 min
Response: 10962093
Conc: 363.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



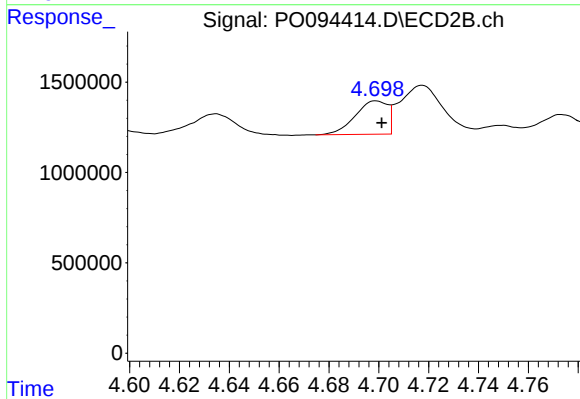
#15 AR-1232-5

R.T.: 5.149 min
Delta R.T.: -0.002 min
Response: 3951989
Conc: 243.49 ng/ml



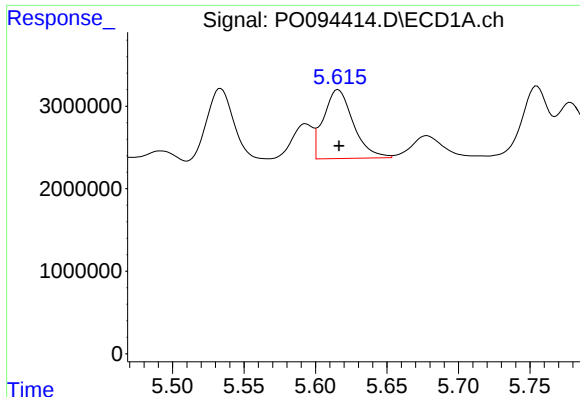
#16 AR-1242-1

R.T.: 5.593 min
Delta R.T.: -0.001 min
Response: 4453546
Conc: 56.34 ng/ml



#16 AR-1242-1

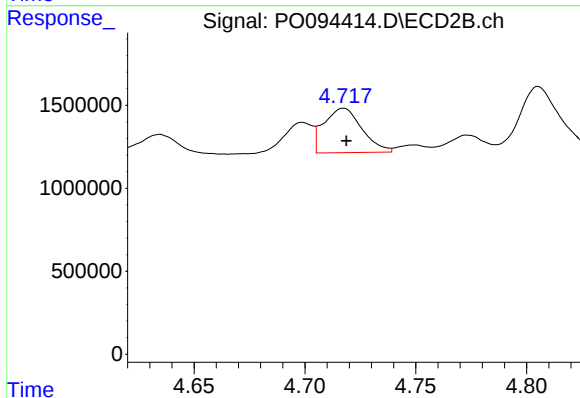
R.T.: 4.699 min
Delta R.T.: -0.002 min
Response: 1667888
Conc: 52.40 ng/ml



#17 AR-1242-2

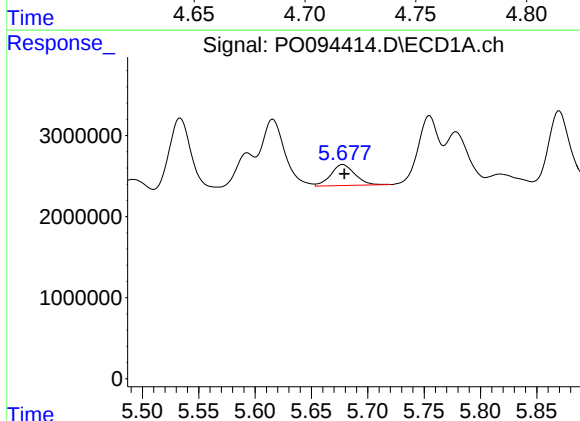
R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 12096365
Conc: 99.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



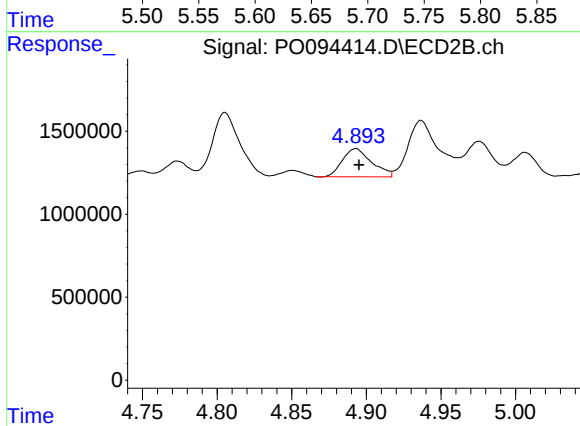
#17 AR-1242-2

R.T.: 4.717 min
Delta R.T.: -0.001 min
Response: 3201614
Conc: 67.03 ng/ml



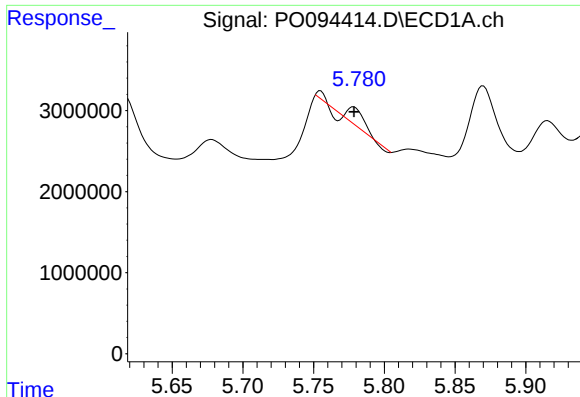
#18 AR-1242-3

R.T.: 5.678 min
Delta R.T.: -0.001 min
Response: 3863292
Conc: 49.30 ng/ml



#18 AR-1242-3

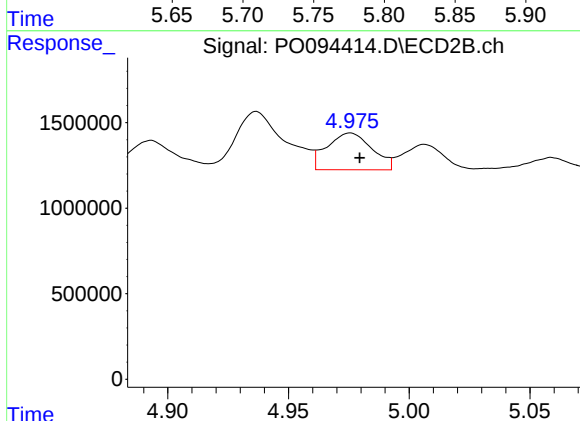
R.T.: 4.893 min
Delta R.T.: -0.002 min
Response: 2314527
Conc: 91.45 ng/ml



#19 AR-1242-4

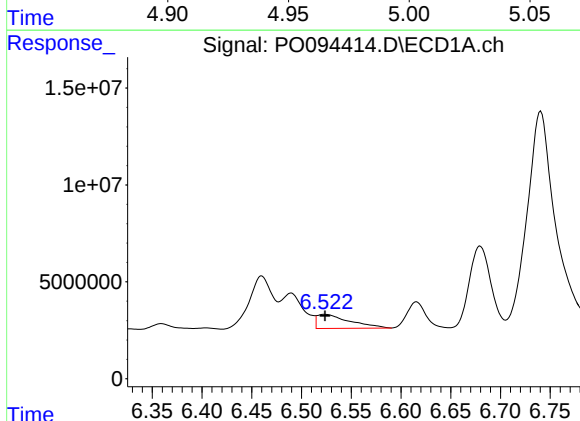
R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 1451995
Conc: 24.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



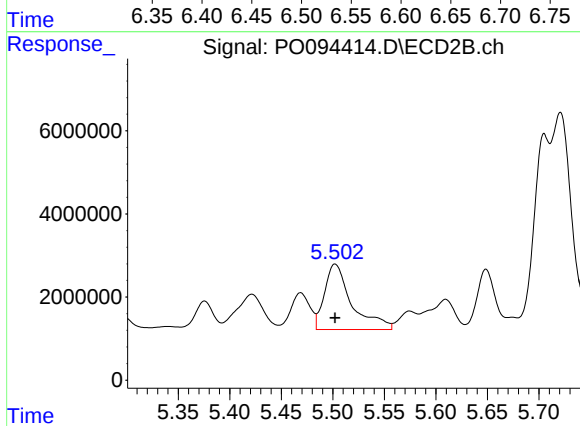
#19 AR-1242-4

R.T.: 4.976 min
Delta R.T.: -0.004 min
Response: 2798320
Conc: 96.31 ng/ml



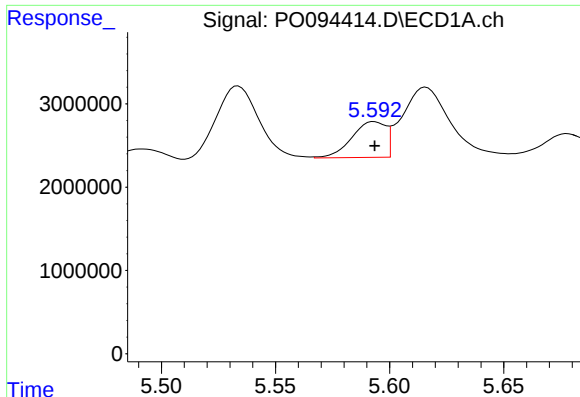
#20 AR-1242-5

R.T.: 6.523 min
Delta R.T.: 0.000 min
Response: 16685249
Conc: 279.06 ng/ml



#20 AR-1242-5

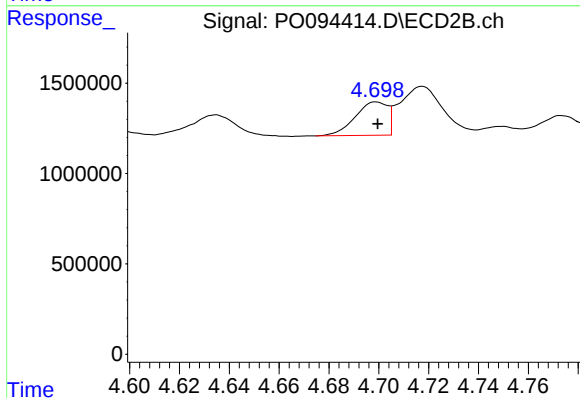
R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 28876911
Conc: 982.12 ng/ml



#21 AR-1248-1

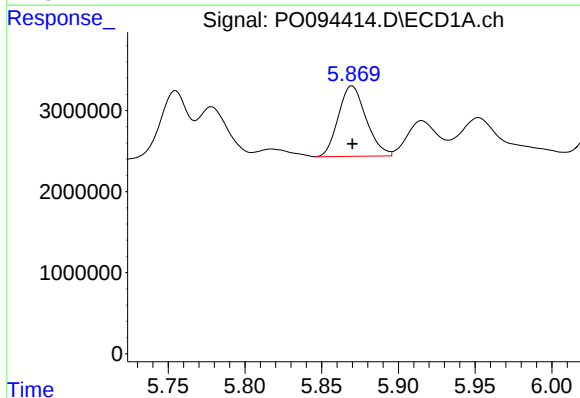
R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 4453546
Conc: 73.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



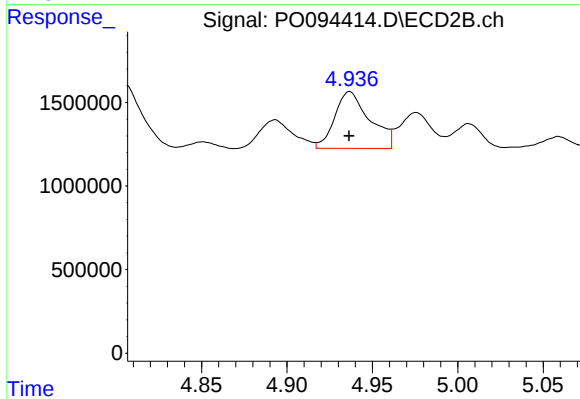
#21 AR-1248-1

R.T.: 4.699 min
Delta R.T.: 0.000 min
Response: 1667888
Conc: 67.68 ng/ml



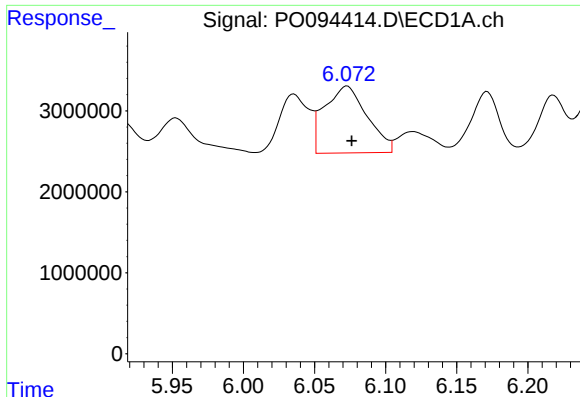
#22 AR-1248-2

R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 10962093
Conc: 106.22 ng/ml



#22 AR-1248-2

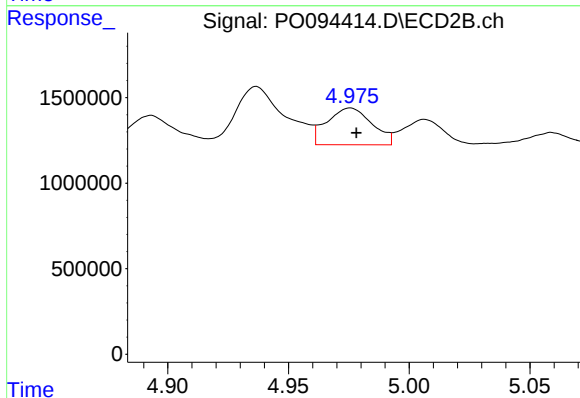
R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 4862690
Conc: 118.53 ng/ml



#23 AR-1248-3

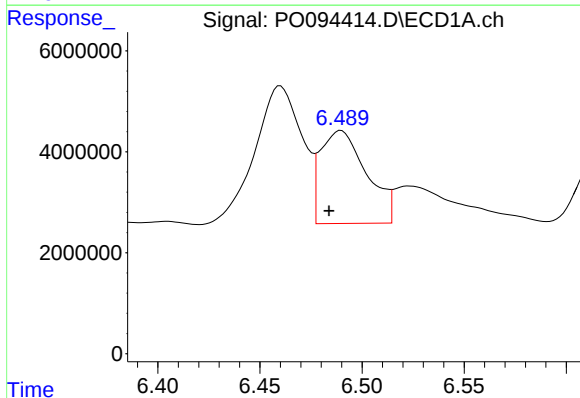
R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 17161184
Conc: 156.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



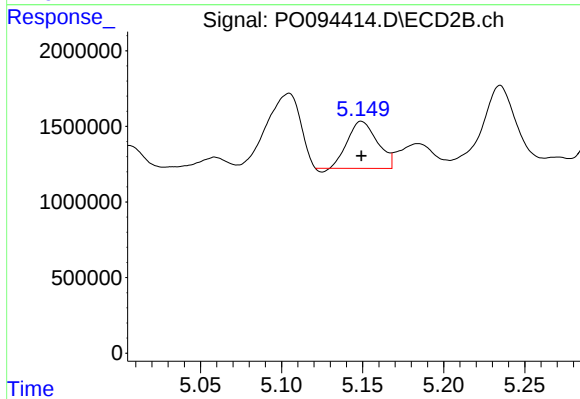
#23 AR-1248-3

R.T.: 4.976 min
Delta R.T.: -0.003 min
Response: 2798320
Conc: 65.81 ng/ml



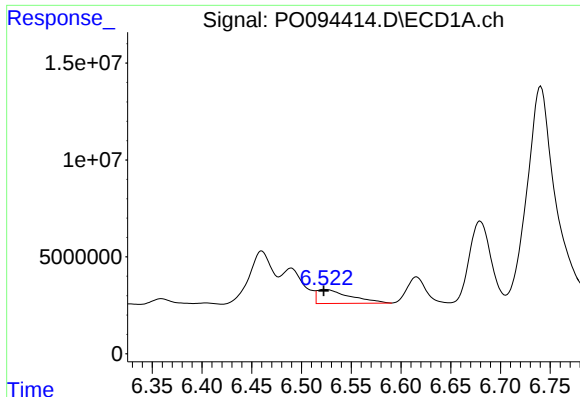
#24 AR-1248-4

R.T.: 6.490 min
Delta R.T.: 0.006 min
Response: 28897529
Conc: 295.07 ng/ml



#24 AR-1248-4

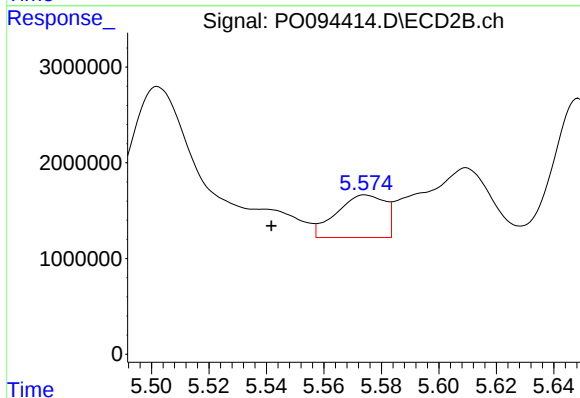
R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 3951989
Conc: 81.59 ng/ml



#25 AR-1248-5

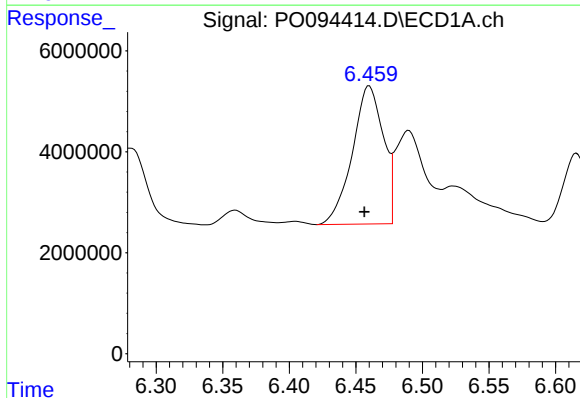
R.T.: 6.523 min
Delta R.T.: 0.001 min
Response: 16685249
Conc: 158.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



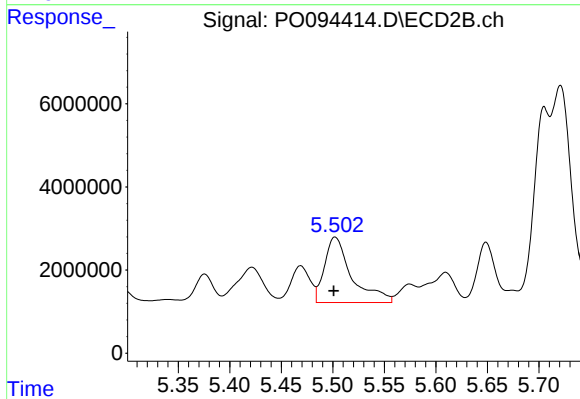
#25 AR-1248-5

R.T.: 5.574 min
Delta R.T.: 0.033 min
Response: 5223304
Conc: 136.28 ng/ml



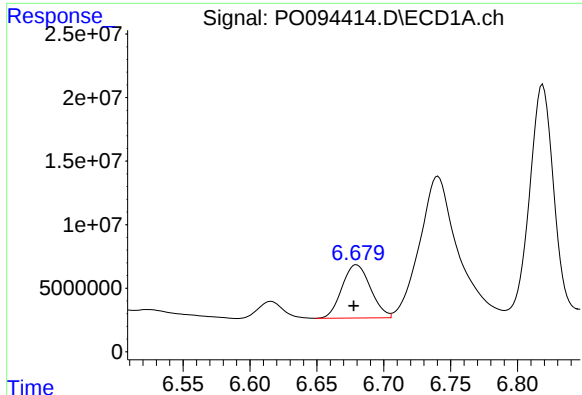
#26 AR-1254-1

R.T.: 6.460 min
Delta R.T.: 0.004 min
Response: 44163643
Conc: 357.15 ng/ml



#26 AR-1254-1

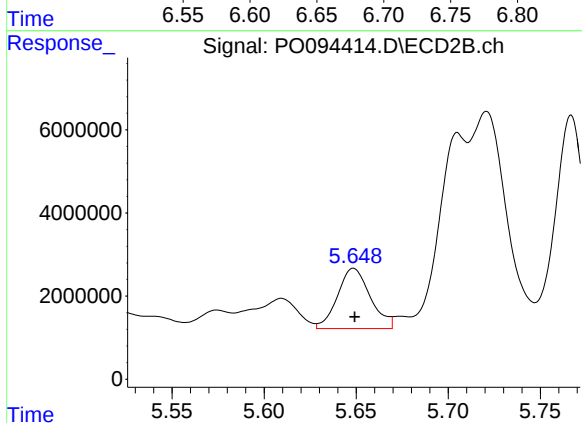
R.T.: 5.502 min
Delta R.T.: 0.001 min
Response: 28876911
Conc: 413.15 ng/ml



#27 AR-1254-2

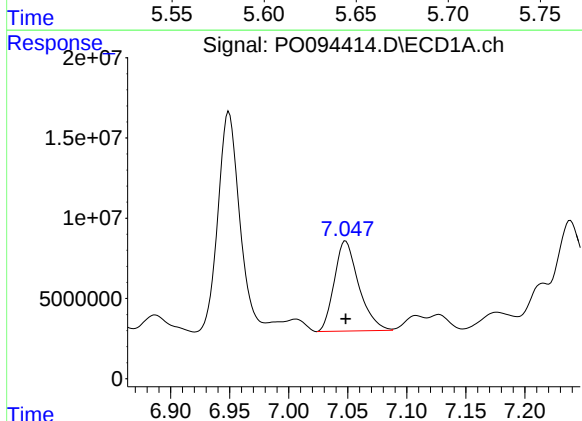
R.T.: 6.680 min
Delta R.T.: 0.002 min
Response: 62179387
Conc: 343.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



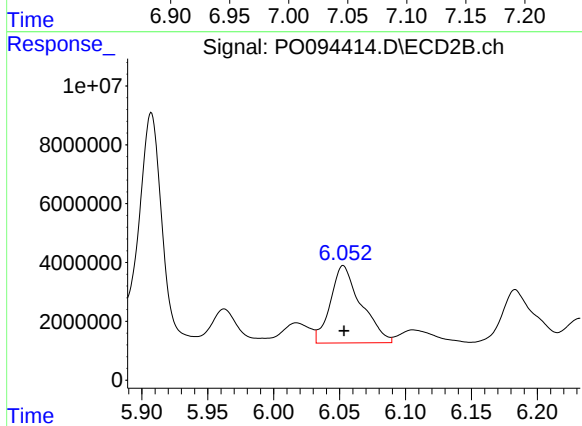
#27 AR-1254-2

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 17997258
Conc: 287.43 ng/ml



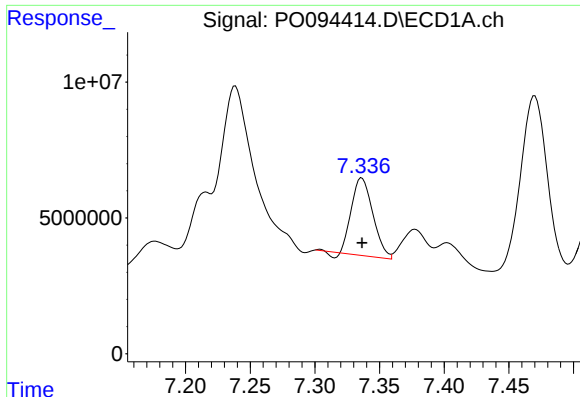
#28 AR-1254-3

R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 80917614
Conc: 474.33 ng/ml



#28 AR-1254-3

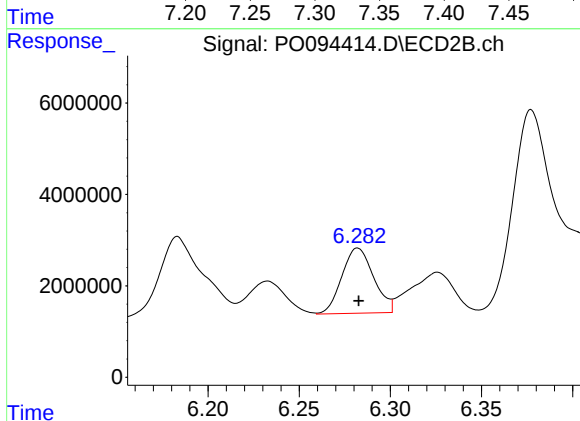
R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 42524972
Conc: 459.98 ng/ml



#29 AR-1254-4

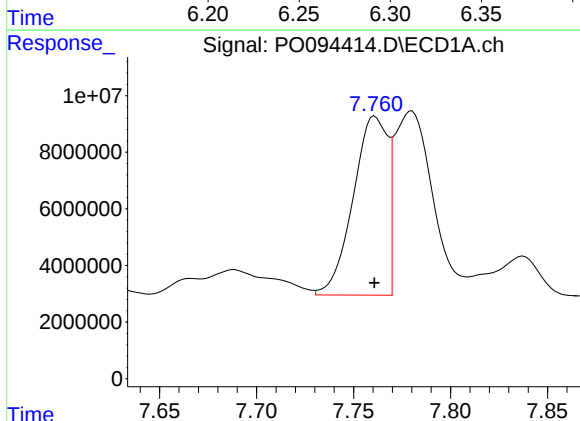
R.T.: 7.336 min
Delta R.T.: 0.000 min
Response: 32462344
Conc: 344.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



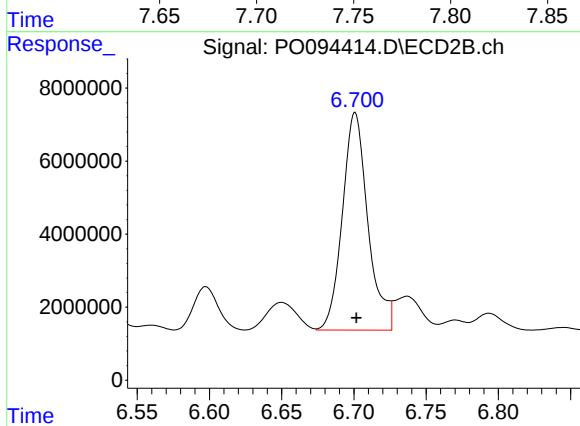
#29 AR-1254-4

R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 17369234
Conc: 409.93 ng/ml



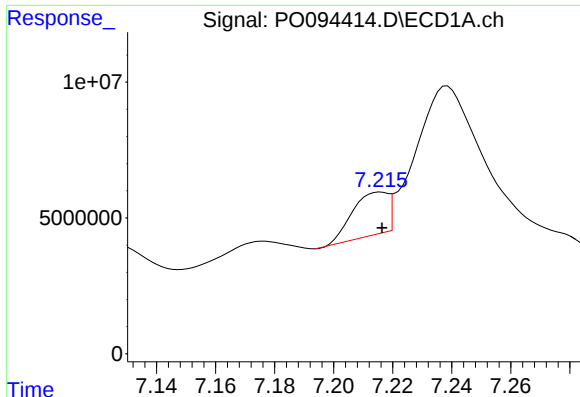
#30 AR-1254-5

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 78063621
Conc: 653.86 ng/ml



#30 AR-1254-5

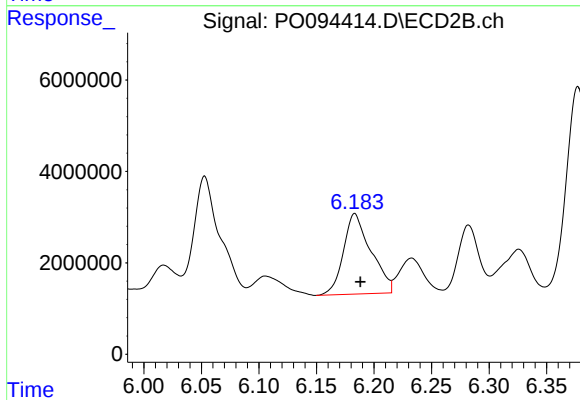
R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 73390539
Conc: 979.20 ng/ml



#31 AR-1260-1

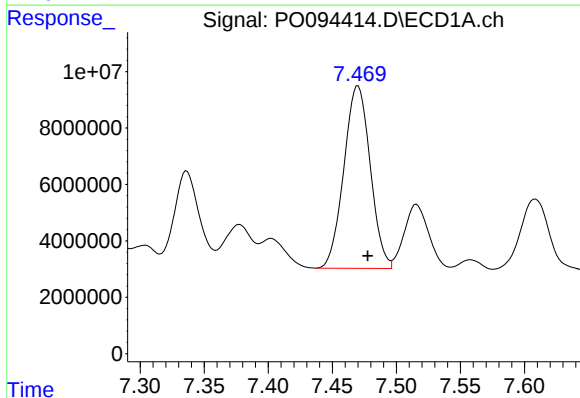
R.T.: 7.216 min
Delta R.T.: 0.000 min
Response: 12962583
Conc: 96.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



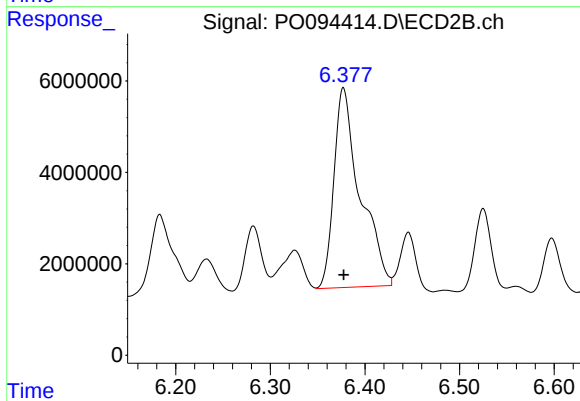
#31 AR-1260-1

R.T.: 6.183 min
Delta R.T.: -0.005 min
Response: 29323596
Conc: 436.83 ng/ml



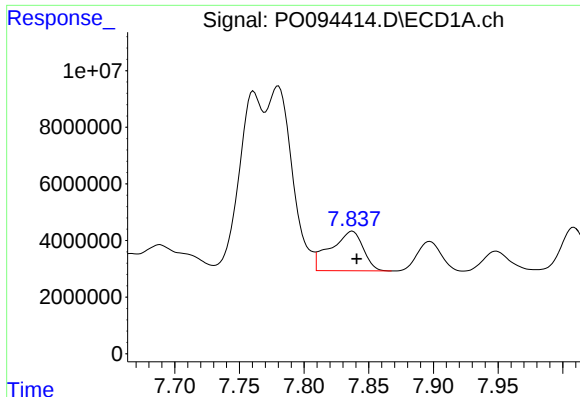
#32 AR-1260-2

R.T.: 7.470 min
Delta R.T.: -0.007 min
Response: 92582229
Conc: 661.37 ng/ml



#32 AR-1260-2

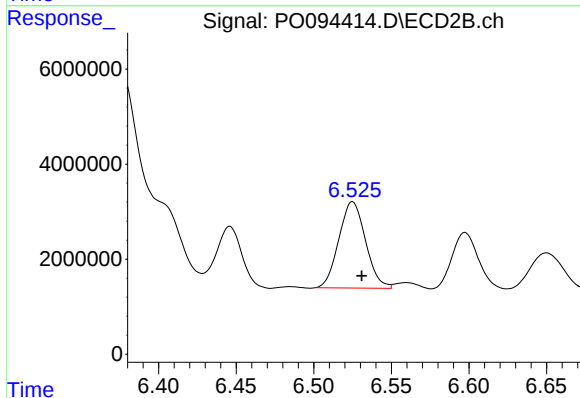
R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 83782105
Conc: 1127.08 ng/ml



#33 AR-1260-3

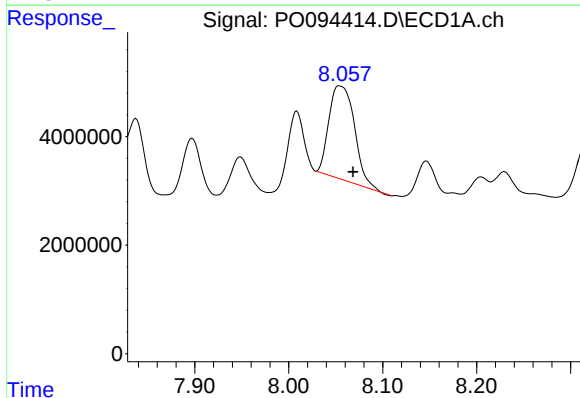
R.T.: 7.837 min
Delta R.T.: -0.003 min
Response: 24545148
Conc: 215.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



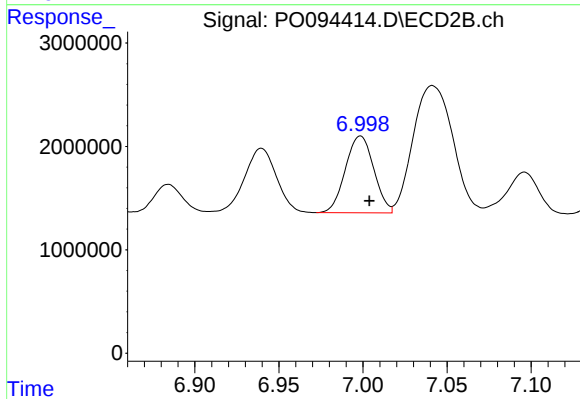
#33 AR-1260-3

R.T.: 6.525 min
Delta R.T.: -0.006 min
Response: 21781351
Conc: 304.98 ng/ml



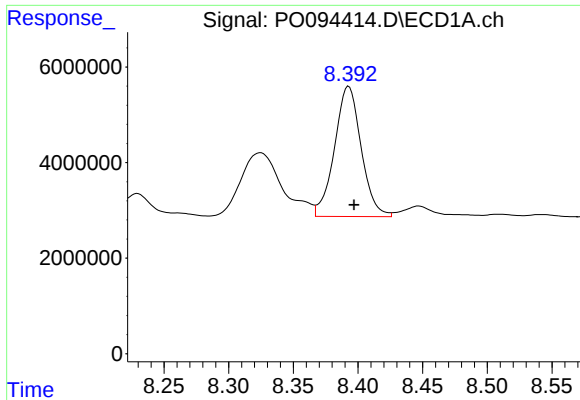
#34 AR-1260-4

R.T.: 8.054 min
Delta R.T.: -0.015 min
Response: 32545763
Conc: 271.92 ng/ml



#34 AR-1260-4

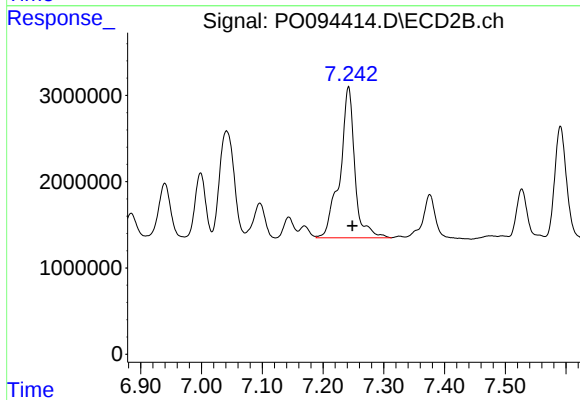
R.T.: 6.999 min
Delta R.T.: -0.005 min
Response: 8742055
Conc: 148.67 ng/ml



#35 AR-1260-5

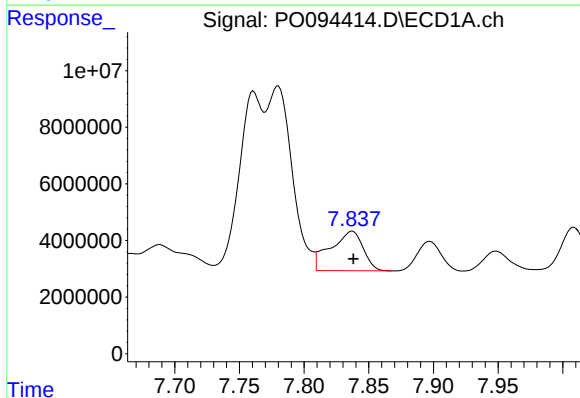
R.T.: 8.393 min
Delta R.T.: -0.004 min
Response: 39113903
Conc: 189.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



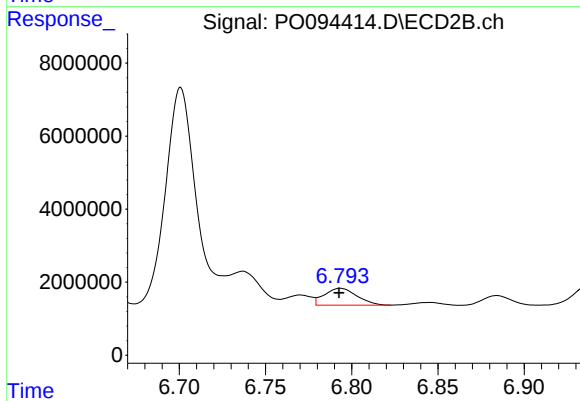
#35 AR-1260-5

R.T.: 7.242 min
Delta R.T.: -0.006 min
Response: 29712757
Conc: 261.41 ng/ml



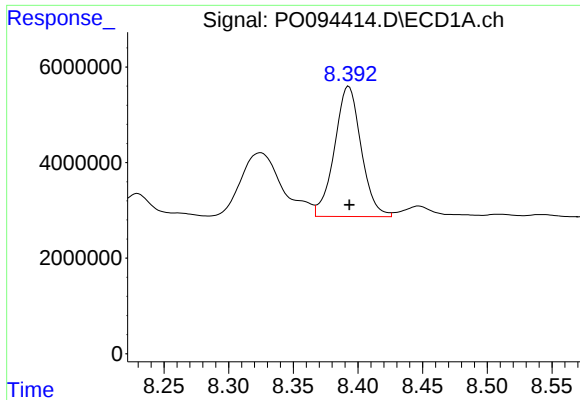
#36 AR-1262-1

R.T.: 7.837 min
Delta R.T.: 0.000 min
Response: 24545148
Conc: 152.82 ng/ml



#36 AR-1262-1

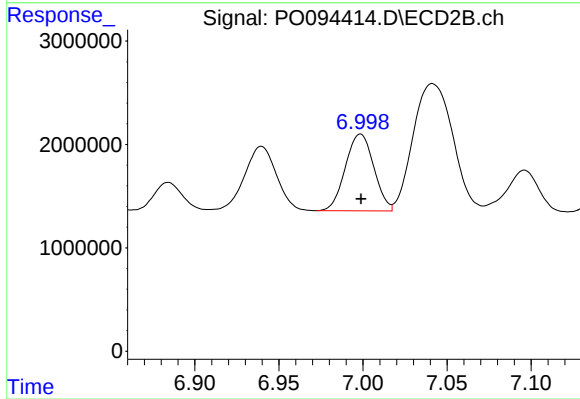
R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 6124239
Conc: 167.90 ng/ml



#37 AR-1262-2

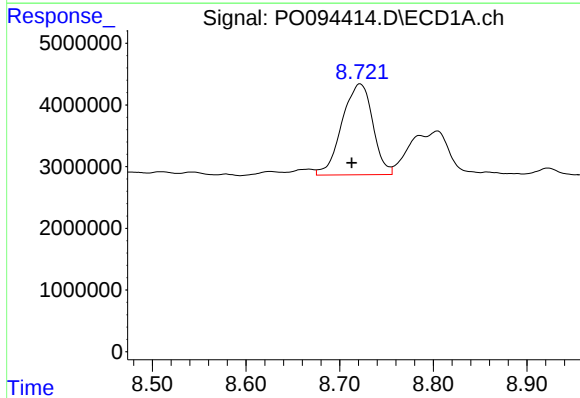
R.T.: 8.393 min
Delta R.T.: 0.000 min
Response: 39113903
Conc: 178.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



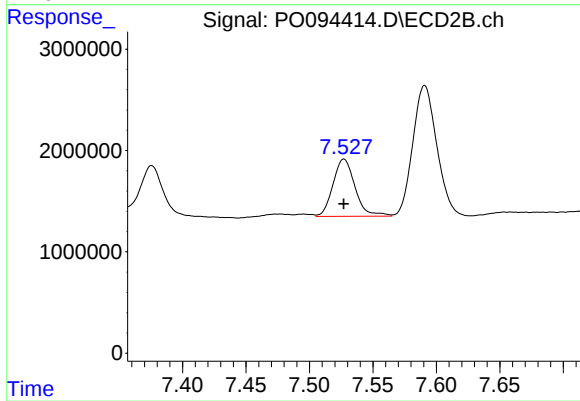
#37 AR-1262-2

R.T.: 6.999 min
Delta R.T.: 0.000 min
Response: 8742055
Conc: 119.11 ng/ml



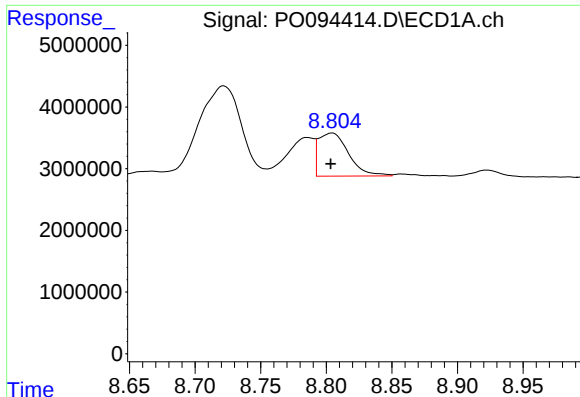
#38 AR-1262-3

R.T.: 8.722 min
Delta R.T.: 0.009 min
Response: 33607003
Conc: 214.36 ng/ml



#38 AR-1262-3

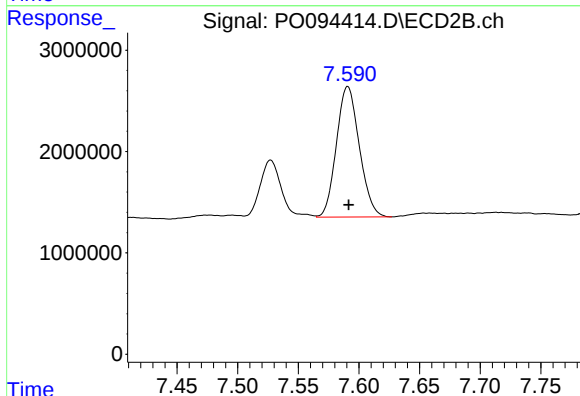
R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 6845438
Conc: 127.66 ng/ml



#39 AR-1262-4

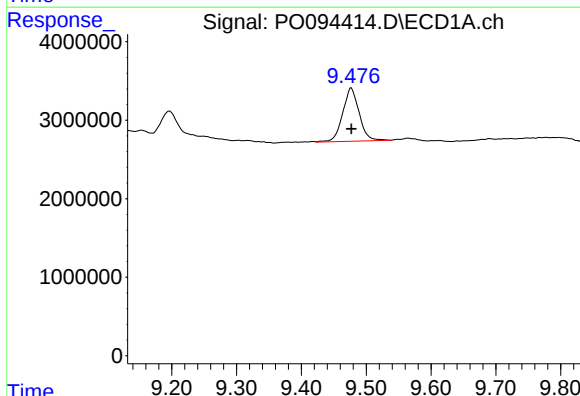
R.T.: 8.805 min
Delta R.T.: 0.001 min
Response: 11208737
Conc: 121.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



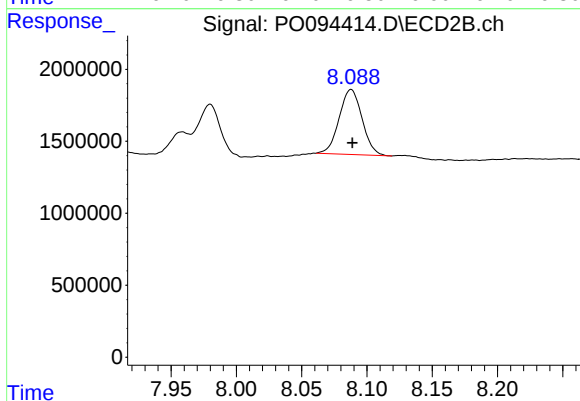
#39 AR-1262-4

R.T.: 7.591 min
Delta R.T.: 0.000 min
Response: 16949335
Conc: 181.40 ng/ml



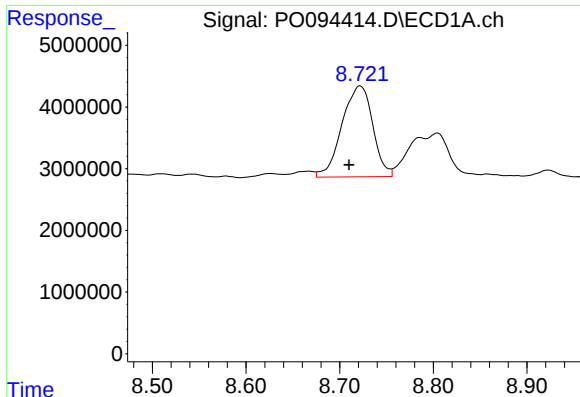
#40 AR-1262-5

R.T.: 9.477 min
Delta R.T.: 0.000 min
Response: 11965530
Conc: 163.64 ng/ml



#40 AR-1262-5

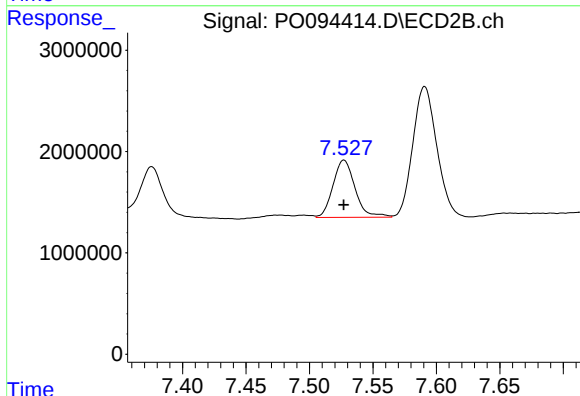
R.T.: 8.088 min
Delta R.T.: 0.000 min
Response: 5506937
Conc: 146.09 ng/ml



#41 AR-1268-1

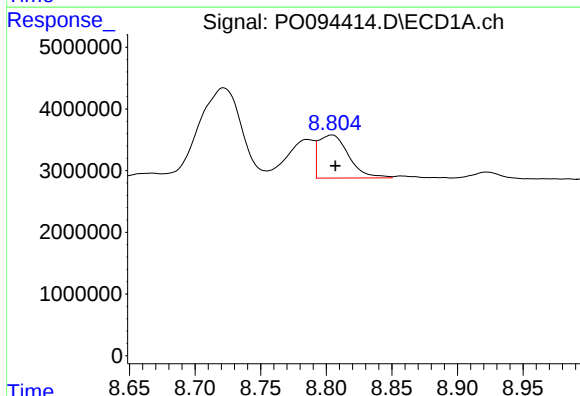
R.T.: 8.722 min
Delta R.T.: 0.012 min
Response: 33607003
Conc: 105.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



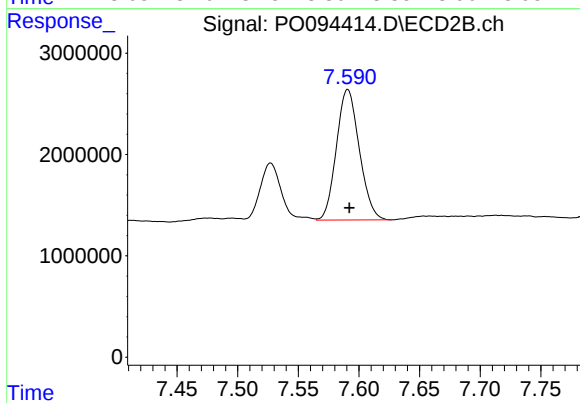
#41 AR-1268-1

R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 6845438
Conc: 41.18 ng/ml



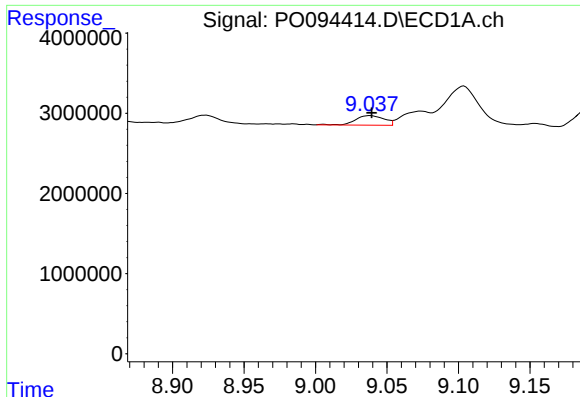
#42 AR-1268-2

R.T.: 8.805 min
Delta R.T.: -0.002 min
Response: 11208737
Conc: 39.73 ng/ml



#42 AR-1268-2

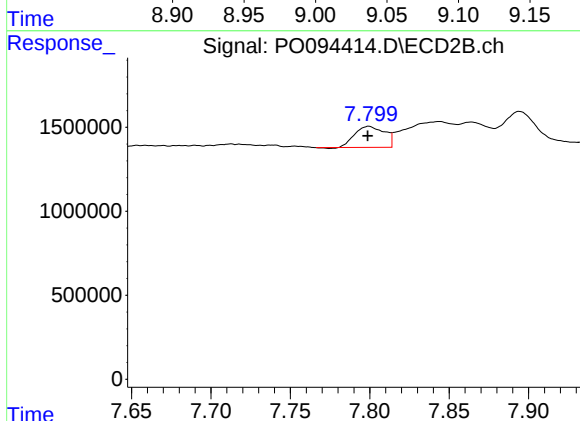
R.T.: 7.591 min
Delta R.T.: -0.001 min
Response: 16949335
Conc: 110.10 ng/ml



#43 AR-1268-3

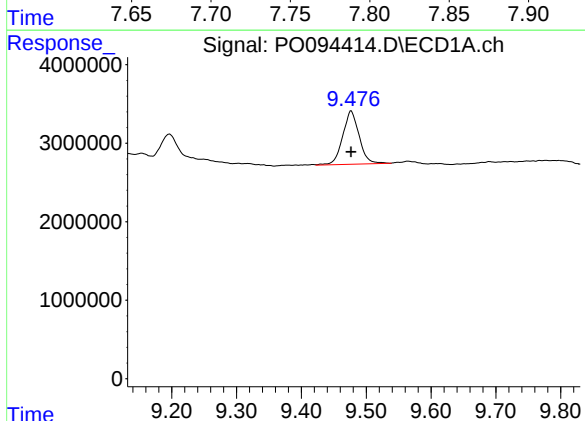
R.T.: 9.038 min
Delta R.T.: -0.001 min
Response: 1670212
Conc: 6.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



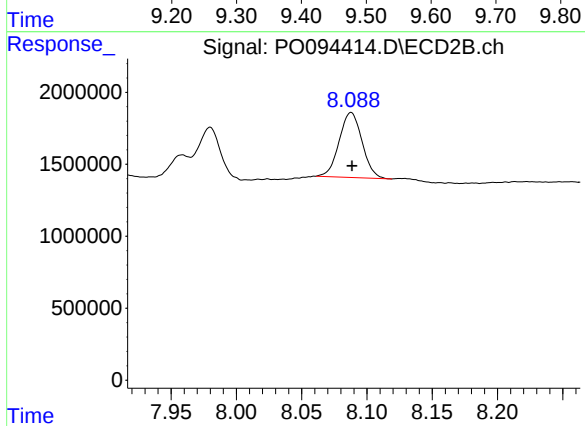
#43 AR-1268-3

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 1640854
Conc: 11.96 ng/ml



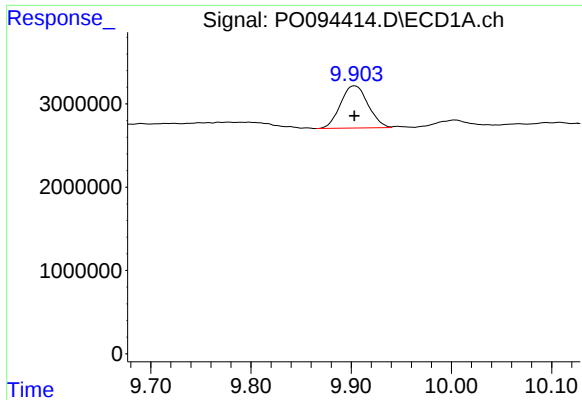
#44 AR-1268-4

R.T.: 9.477 min
Delta R.T.: 0.000 min
Response: 11965530
Conc: 141.84 ng/ml



#44 AR-1268-4

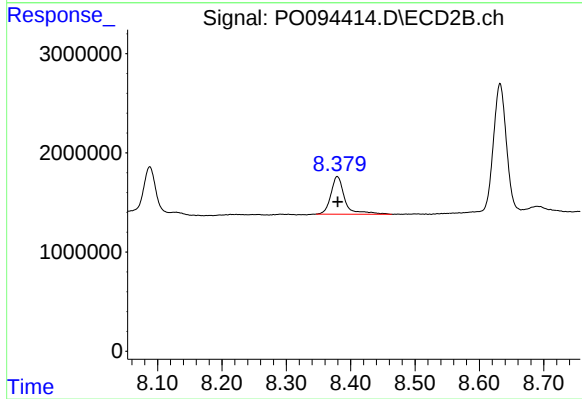
R.T.: 8.088 min
Delta R.T.: 0.000 min
Response: 5506937
Conc: 121.51 ng/ml



#45 AR-1268-5

R.T.: 9.903 min
Delta R.T.: 0.000 min
Response: 9705983
Conc: 12.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.379 min
Delta R.T.: 0.000 min
Response: 5737624
Conc: 15.38 ng/ml