

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0050423\
 Data File : P0094745.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2023 17:51
 Operator : YP/AJ
 Sample : 02588-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 21:06:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0042623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon May 01 11:12:50 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	3.616	65300648	25202481	18.957	18.835
2)	SA Decachlor...	10.253	8.628	37185808	16452575	15.323	14.617
Target Compounds							
3)	L1 AR-1016-1	5.591	4.696	4038890	1272615	39.648	32.087
4)	L1 AR-1016-2	5.613	4.717	5320657	558628	35.165	9.450 #
5)	L1 AR-1016-3	5.673	4.893	3561477	859438	35.922	27.378
6)	L1 AR-1016-4	0.000	4.934	0	1378704	N.D.	47.679 #
7)	L1 AR-1016-5	6.074	5.145	3659966	2350180	43.867	64.215 #
8)	L2 AR-1221-1	4.624	3.872f	3052244	334561	68.809	19.488 #
9)	L2 AR-1221-2	4.724	3.915	1052725	3056087	32.355	240.092 #
10)	L2 AR-1221-3	4.812	3.993	3370763	202345	33.714	5.128 #
11)	L3 AR-1232-1	4.812	3.993	3370763	202345	39.854	5.946 #
12)	L3 AR-1232-2	5.302	4.717	20460485	558628	477.157	19.193 #
13)	L3 AR-1232-3	5.613	4.893	5320657	859438	73.246	57.924
14)	L3 AR-1232-4	0.000	4.974	0	1717821	N.D.	110.515 #
15)	L3 AR-1232-5	5.869	5.145	2501834	2350180	75.879	137.877 #
16)	L4 AR-1242-1	5.591	4.696	4038890	1272615	48.349	38.427
17)	L4 AR-1242-2	5.613	4.717	5320657	558628	42.322	11.332 #
18)	L4 AR-1242-3	5.673	4.893	3561477	859438	43.734	33.031
19)	L4 AR-1242-4	0.000	4.974	0	1717821	N.D.	58.032 #
20)	L4 AR-1242-5	6.523	5.498	3335627	4528310	51.833	143.323 #
21)	L5 AR-1248-1	5.591	4.696	4038890	1272615	64.628	49.898
22)	L5 AR-1248-2	5.869	4.934	2501834	1378704	23.910	33.290 #
23)	L5 AR-1248-3	6.074	4.974	3659966	1717821	33.055	40.040
24)	L5 AR-1248-4	6.481	5.145	2381335	2350180	23.129	47.948 #
25)	L5 AR-1248-5	6.523	5.535	3335627	2231387	30.670	56.085 #
26)	L6 AR-1254-1	6.457	5.498	6008823	4528310	47.426	62.467 #
27)	L6 AR-1254-2	6.678	5.646	8493597	2308928	44.438	35.386
28)	L6 AR-1254-3	7.048	6.050	7177006	7616349	38.051	76.700 #
29)	L6 AR-1254-4	7.338	6.279	3854784	1710030	34.035	34.645
30)	L6 AR-1254-5	7.759	6.698	14272663	6093275	101.913	72.426 #
31)	L7 AR-1260-1	7.213	6.180	9398136	5773057	63.386	82.003 #
32)	L7 AR-1260-2	7.474	6.370	13449742	5638728	82.939	70.534
33)	L7 AR-1260-3	7.838	6.523	8395324	4777306	64.217	63.526
34)	L7 AR-1260-4	8.065	6.996	11334702	3895210	81.059	62.224
35)	L7 AR-1260-5	8.393	7.240	17170961	9203981	70.186	73.025
36)	L8 AR-1262-1	7.838	6.789	8395324	2171876	49.985	57.949
37)	L8 AR-1262-2	8.393	6.996	17170961	3895210	68.298	52.210
38)	L8 AR-1262-3	8.723	7.524	10340831	2460779	57.257	42.304 #
39)	L8 AR-1262-4	8.805	7.587	2948931	6621638	31.759	65.377 #
40)	L8 AR-1262-5	9.478	8.085	4419659	2103200	51.605	48.324
41)	L9 AR-1268-1	8.723	7.524	10340831	2460779	30.574	14.565 #

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 Sample : 02588-05
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 ALS Vial : 21 Sample Multiplier: 1

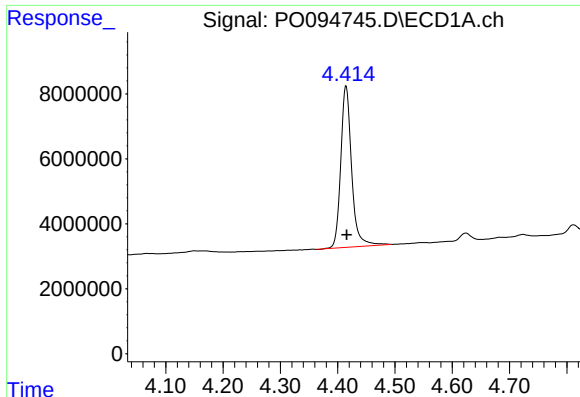
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 21:06:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0042623.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	8.805	7.587	2948931	6621638	9.718	43.212 #
43) L9	AR-1268-3	9.039	7.797	305827	514437	1.134	3.782 #
44) L9	AR-1268-4	9.478	8.085	4419659	2103200	47.078	42.100
45) L9	AR-1268-5	9.907	8.376	1617863	932934	1.924	2.383

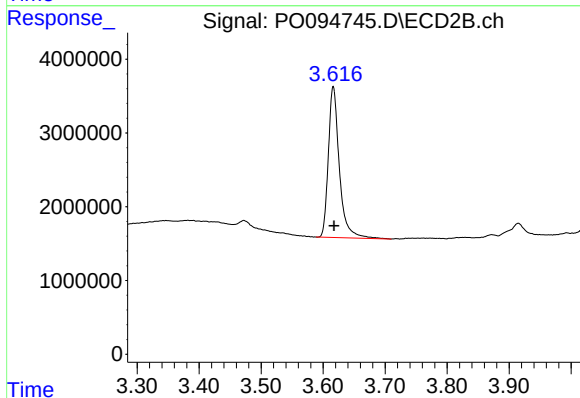
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

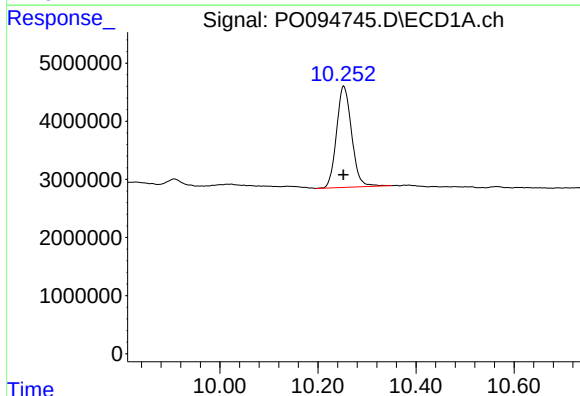
R.T.: 4.415 min
Delta R.T.: -0.001 min
Response: 65300648
Conc: 18.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



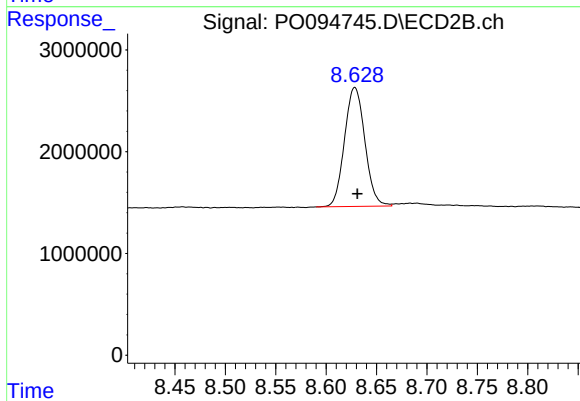
#1 Tetrachloro-m-xylene

R.T.: 3.616 min
Delta R.T.: -0.002 min
Response: 25202481
Conc: 18.84 ng/ml



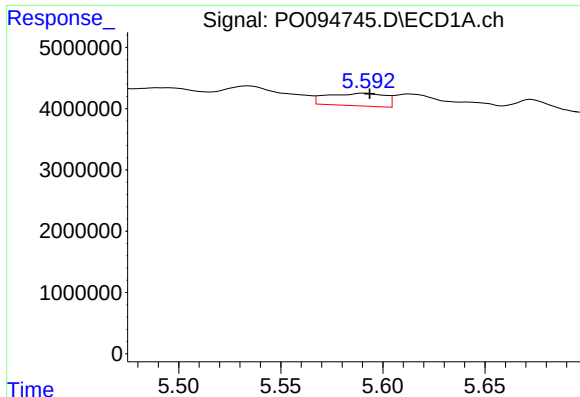
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: 0.000 min
Response: 37185808
Conc: 15.32 ng/ml



#2 Decachlorobiphenyl

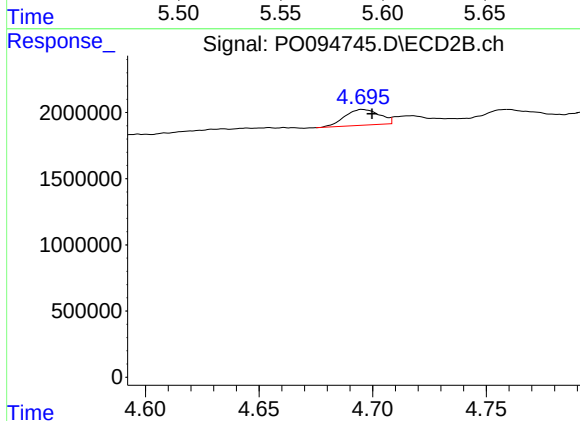
R.T.: 8.628 min
Delta R.T.: -0.003 min
Response: 16452575
Conc: 14.62 ng/ml



#3 AR-1016-1

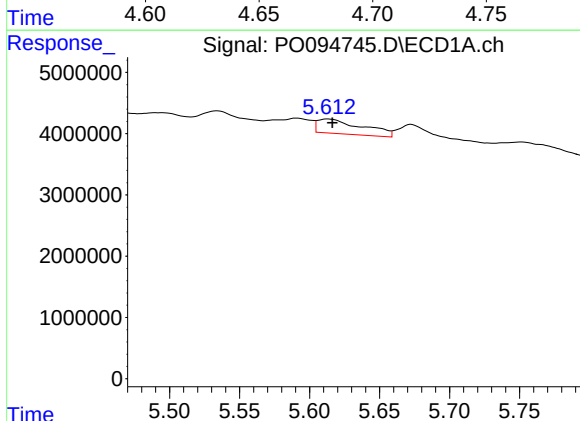
R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 4038890
Conc: 39.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



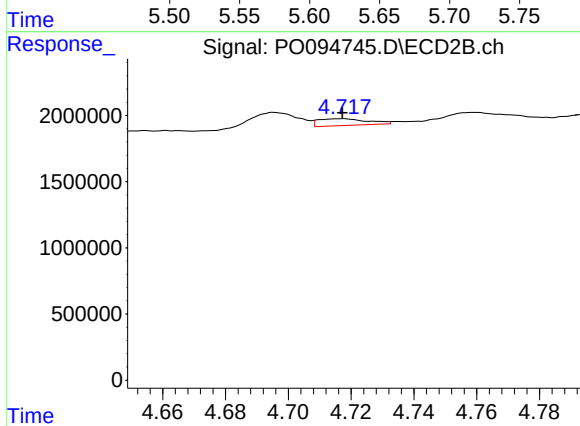
#3 AR-1016-1

R.T.: 4.696 min
Delta R.T.: -0.004 min
Response: 1272615
Conc: 32.09 ng/ml



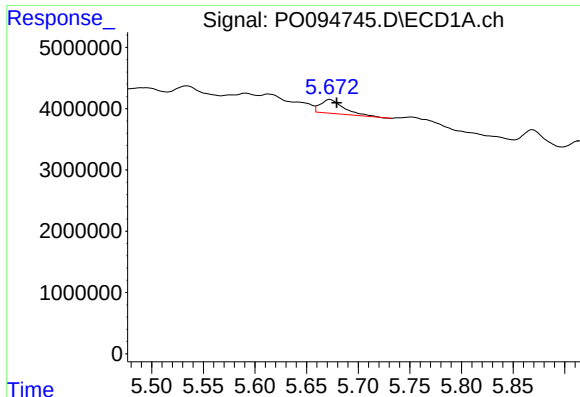
#4 AR-1016-2

R.T.: 5.613 min
Delta R.T.: -0.003 min
Response: 5320657
Conc: 35.16 ng/ml



#4 AR-1016-2

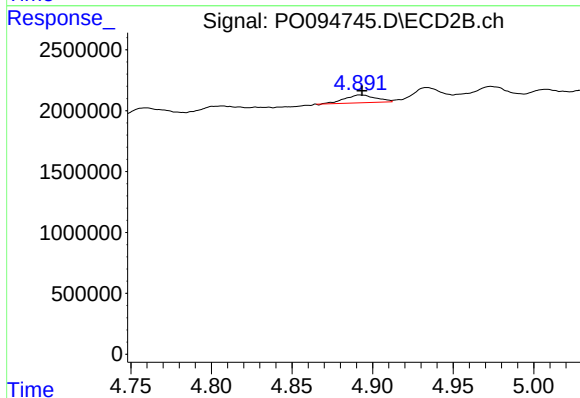
R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 558628
Conc: 9.45 ng/ml



#5 AR-1016-3

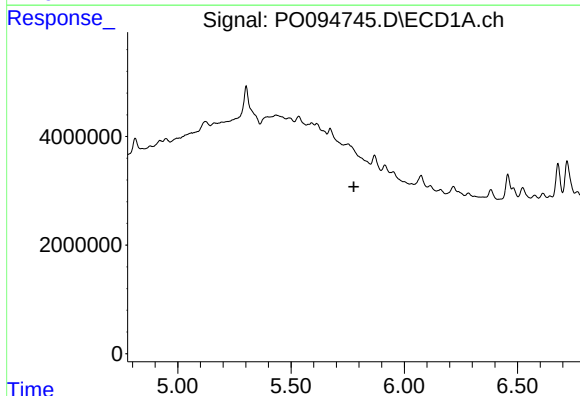
R.T.: 5.673 min
Delta R.T.: -0.006 min
Response: 3561477
Conc: 35.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



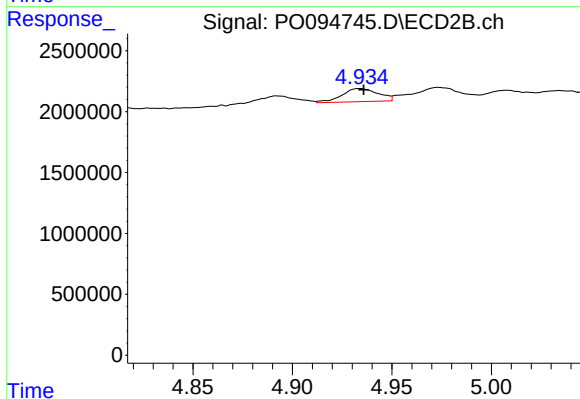
#5 AR-1016-3

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 859438
Conc: 27.38 ng/ml



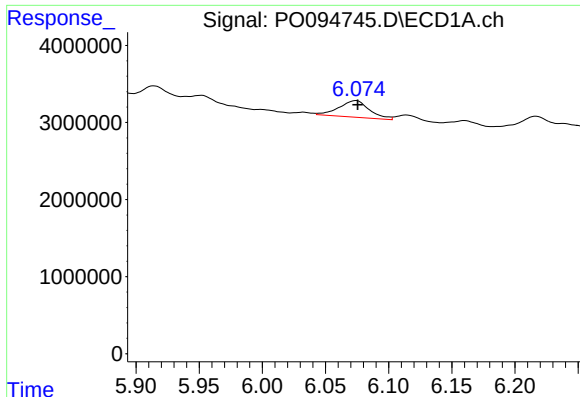
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.778 min
Response: 0
Conc: N.D.



#6 AR-1016-4

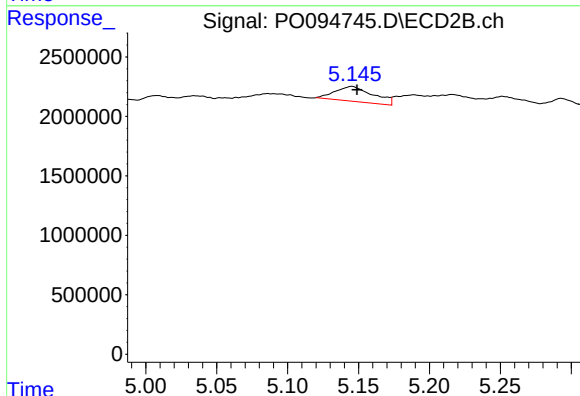
R.T.: 4.934 min
Delta R.T.: -0.002 min
Response: 1378704
Conc: 47.68 ng/ml



#7 AR-1016-5

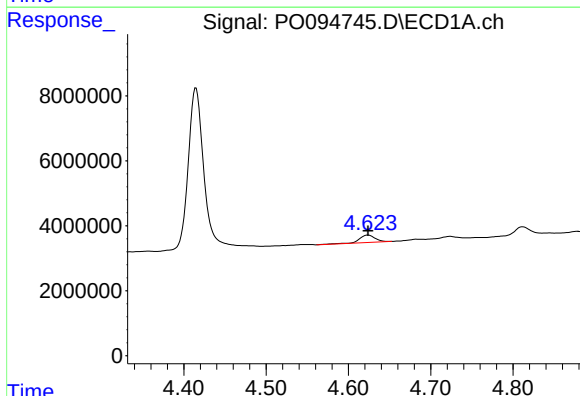
R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 3659966
Conc: 43.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



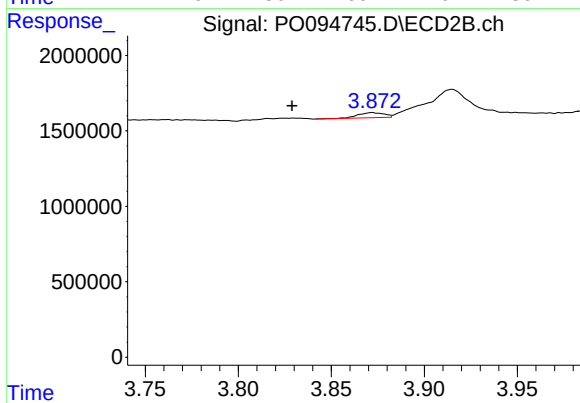
#7 AR-1016-5

R.T.: 5.145 min
Delta R.T.: -0.004 min
Response: 2350180
Conc: 64.22 ng/ml



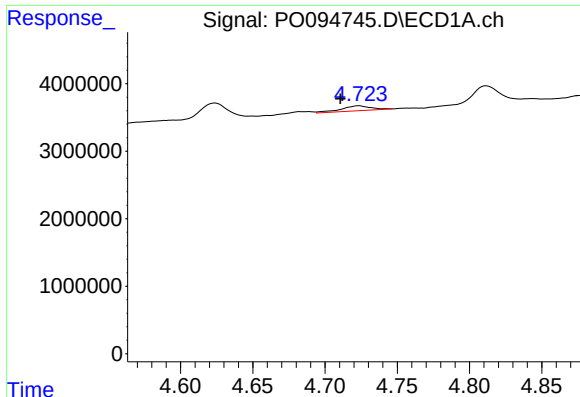
#8 AR-1221-1

R.T.: 4.624 min
Delta R.T.: 0.000 min
Response: 3052244
Conc: 68.81 ng/ml



#8 AR-1221-1

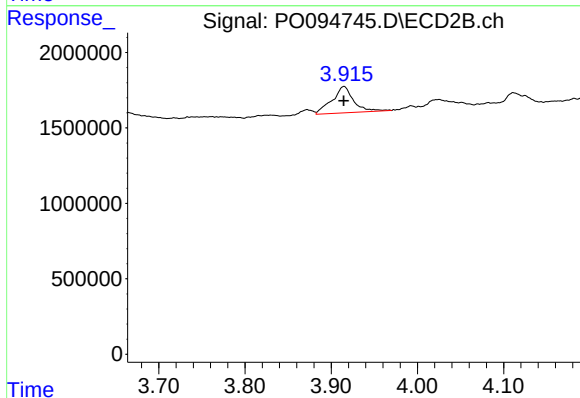
R.T.: 3.872 min
Delta R.T.: 0.043 min
Response: 334561
Conc: 19.49 ng/ml



#9 AR-1221-2

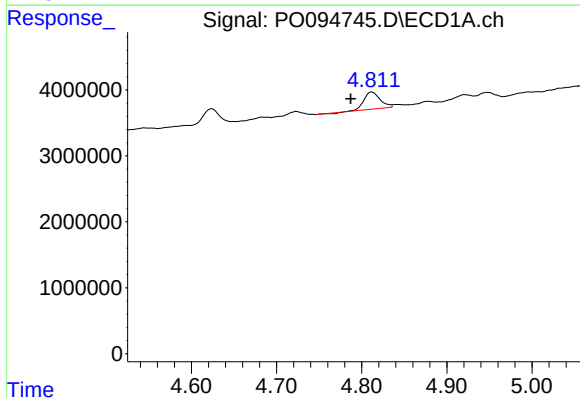
R.T.: 4.724 min
Delta R.T.: 0.013 min
Response: 1052725
Conc: 32.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



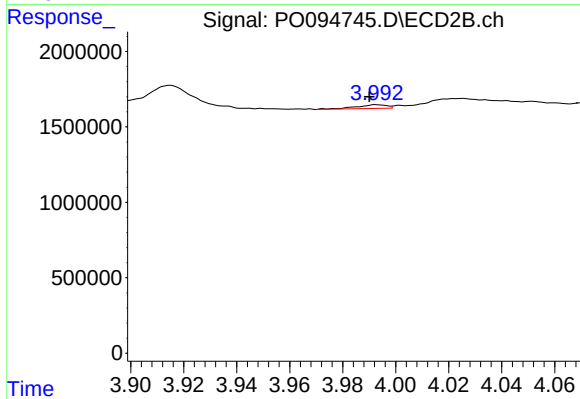
#9 AR-1221-2

R.T.: 3.915 min
Delta R.T.: 0.000 min
Response: 3056087
Conc: 240.09 ng/ml



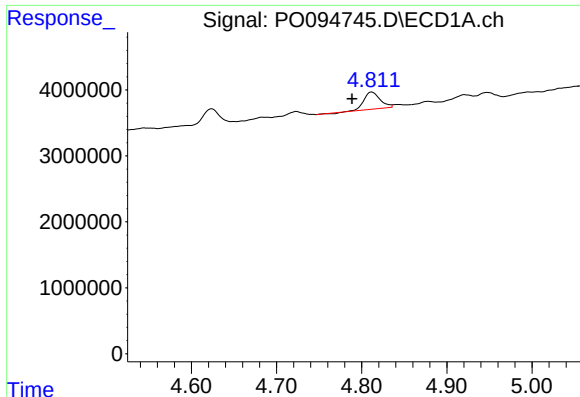
#10 AR-1221-3

R.T.: 4.812 min
Delta R.T.: 0.024 min
Response: 3370763
Conc: 33.71 ng/ml



#10 AR-1221-3

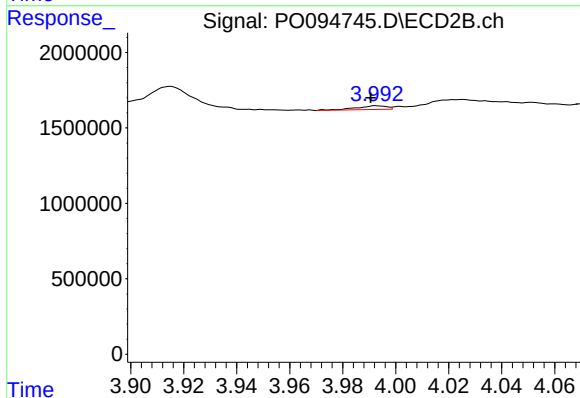
R.T.: 3.993 min
Delta R.T.: 0.003 min
Response: 202345
Conc: 5.13 ng/ml



#11 AR-1232-1

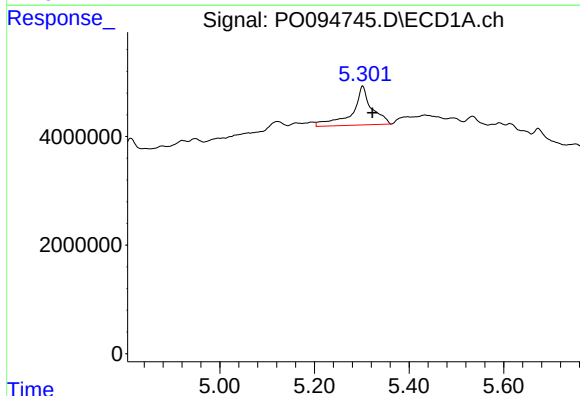
R.T.: 4.812 min
Delta R.T.: 0.023 min
Response: 3370763
Conc: 39.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



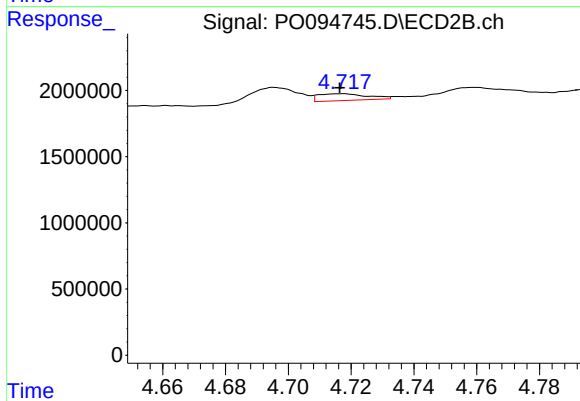
#11 AR-1232-1

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 202345
Conc: 5.95 ng/ml



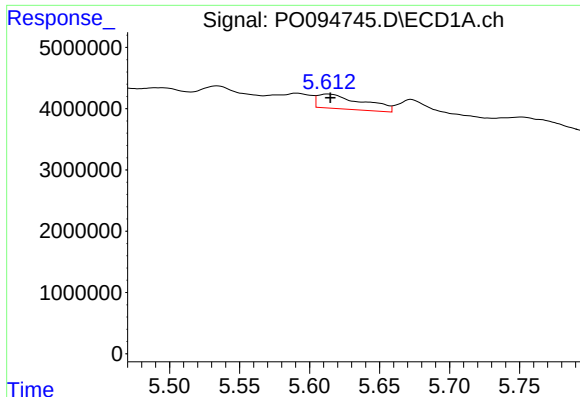
#12 AR-1232-2

R.T.: 5.302 min
Delta R.T.: -0.020 min
Response: 20460485
Conc: 477.16 ng/ml



#12 AR-1232-2

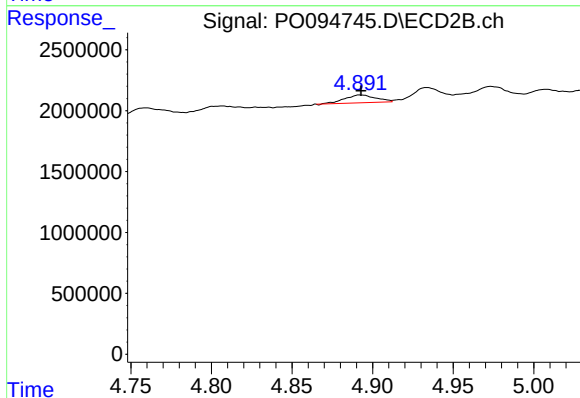
R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 558628
Conc: 19.19 ng/ml



#13 AR-1232-3

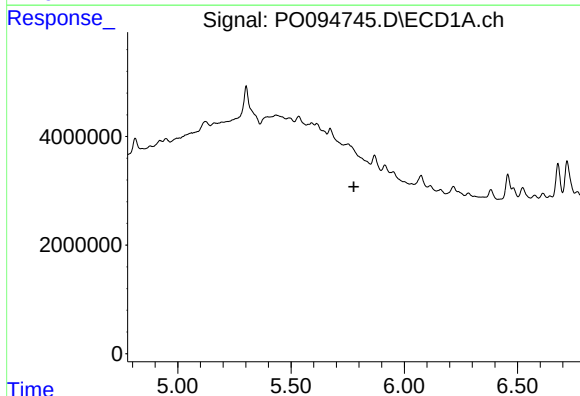
R.T.: 5.613 min
Delta R.T.: -0.002 min
Response: 5320657
Conc: 73.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



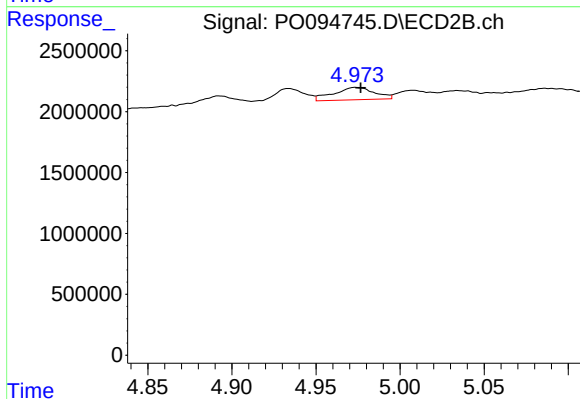
#13 AR-1232-3

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 859438
Conc: 57.92 ng/ml



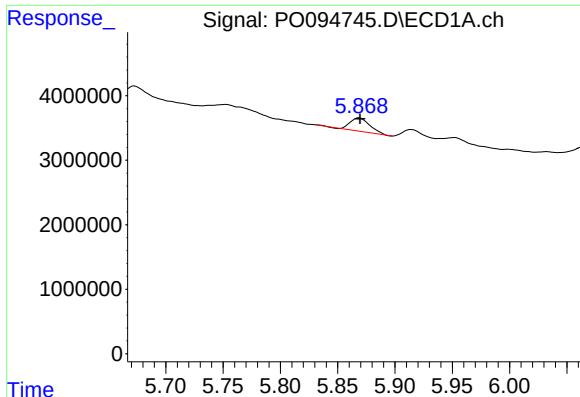
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.777 min
Response: 0
Conc: N.D.



#14 AR-1232-4

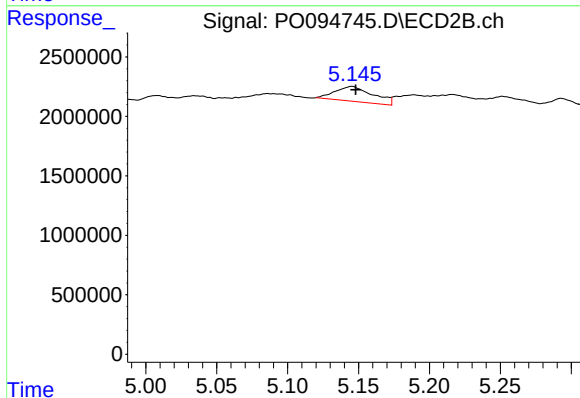
R.T.: 4.974 min
Delta R.T.: -0.003 min
Response: 1717821
Conc: 110.52 ng/ml



#15 AR-1232-5

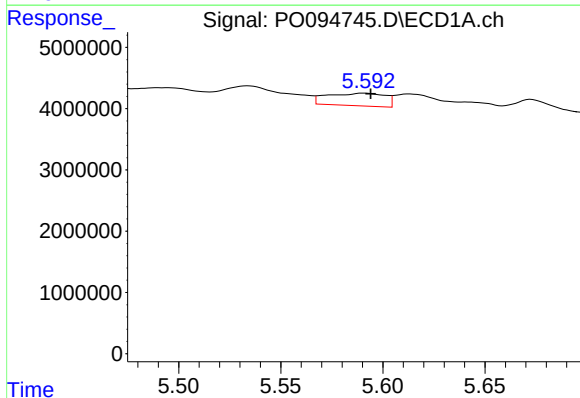
R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 2501834
Conc: 75.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



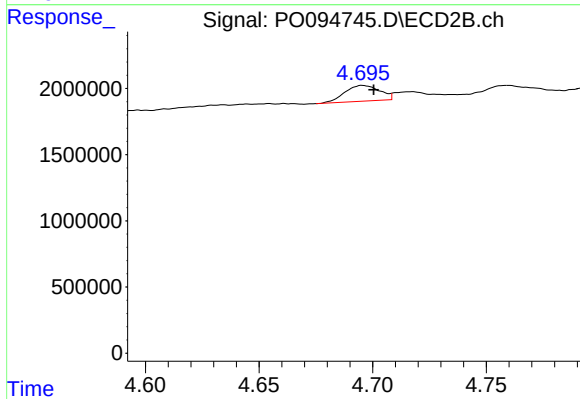
#15 AR-1232-5

R.T.: 5.145 min
Delta R.T.: -0.003 min
Response: 2350180
Conc: 137.88 ng/ml



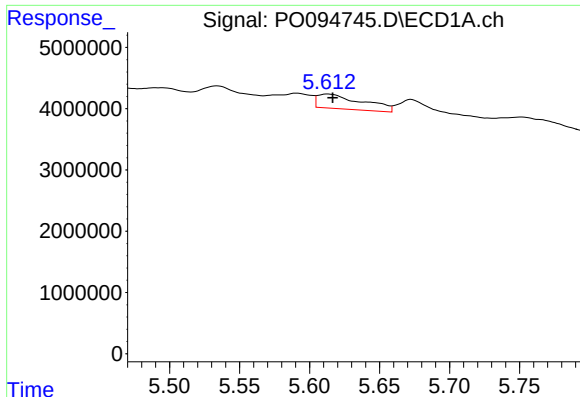
#16 AR-1242-1

R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 4038890
Conc: 48.35 ng/ml



#16 AR-1242-1

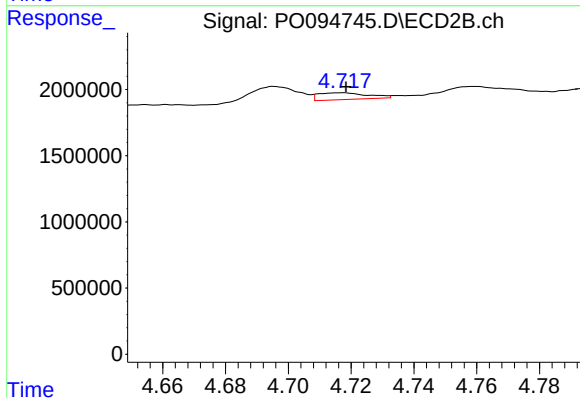
R.T.: 4.696 min
Delta R.T.: -0.005 min
Response: 1272615
Conc: 38.43 ng/ml



#17 AR-1242-2

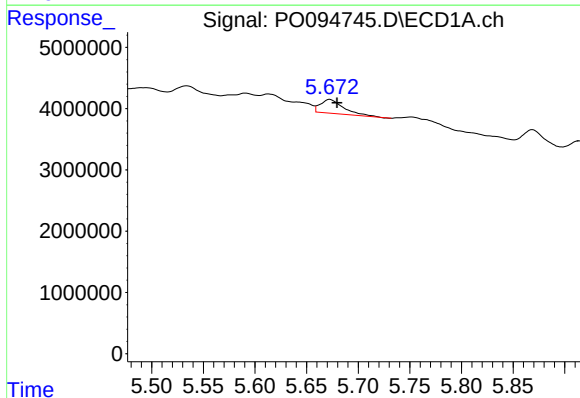
R.T.: 5.613 min
Delta R.T.: -0.004 min
Response: 5320657
Conc: 42.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



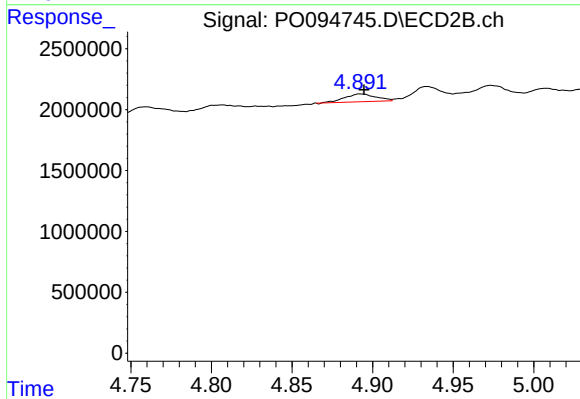
#17 AR-1242-2

R.T.: 4.717 min
Delta R.T.: -0.002 min
Response: 558628
Conc: 11.33 ng/ml



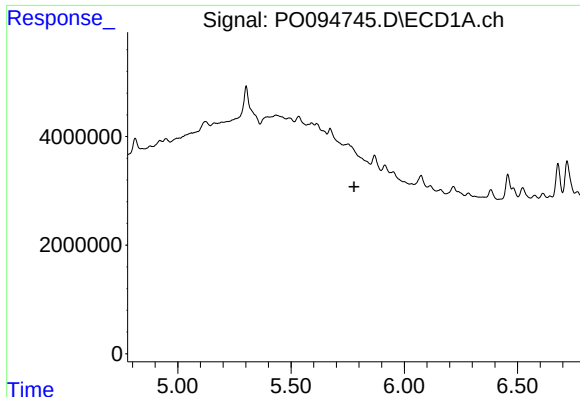
#18 AR-1242-3

R.T.: 5.673 min
Delta R.T.: -0.007 min
Response: 3561477
Conc: 43.73 ng/ml



#18 AR-1242-3

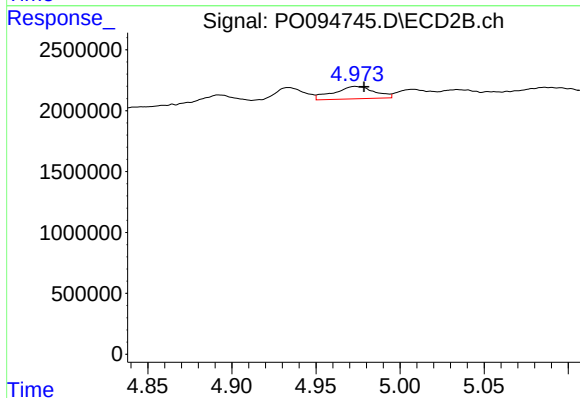
R.T.: 4.893 min
Delta R.T.: -0.002 min
Response: 859438
Conc: 33.03 ng/ml



#19 AR-1242-4

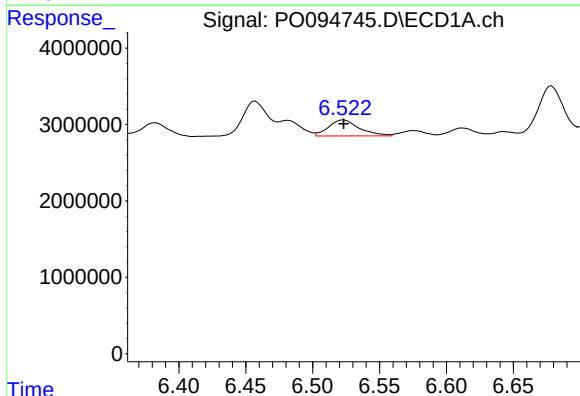
R.T.: 0.000 min
Exp R.T.: 5.778 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



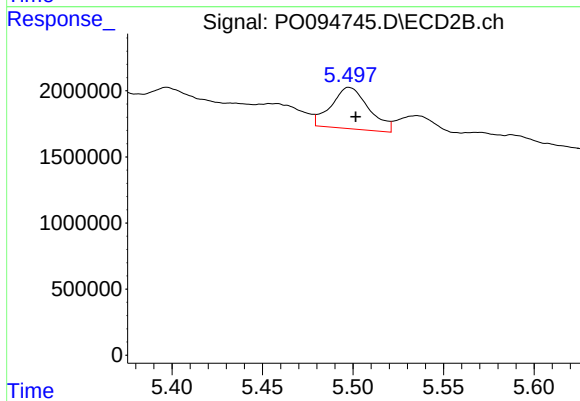
#19 AR-1242-4

R.T.: 4.974 min
Delta R.T.: -0.005 min
Response: 1717821
Conc: 58.03 ng/ml



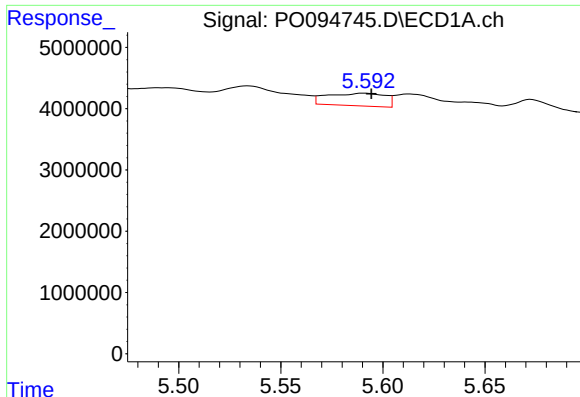
#20 AR-1242-5

R.T.: 6.523 min
Delta R.T.: 0.000 min
Response: 3335627
Conc: 51.83 ng/ml



#20 AR-1242-5

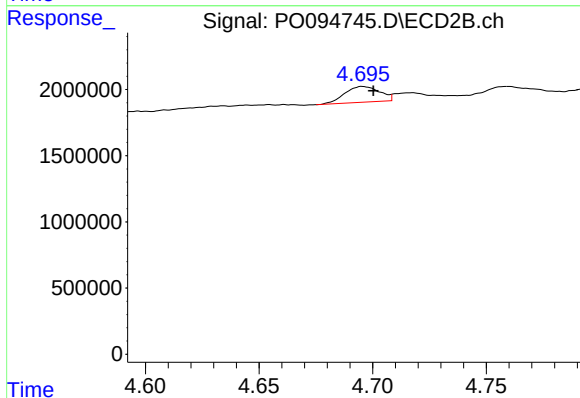
R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 4528310
Conc: 143.32 ng/ml



#21 AR-1248-1

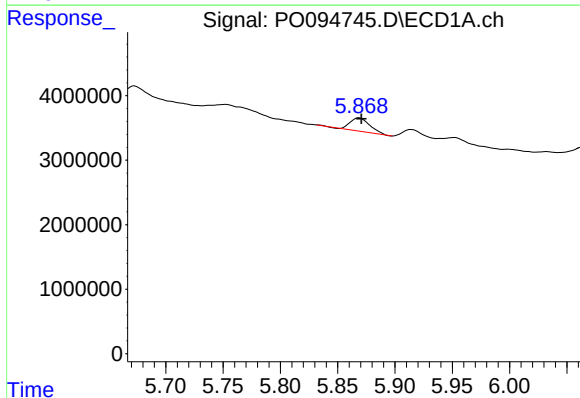
R.T.: 5.591 min
Delta R.T.: -0.004 min
Response: 4038890
Conc: 64.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



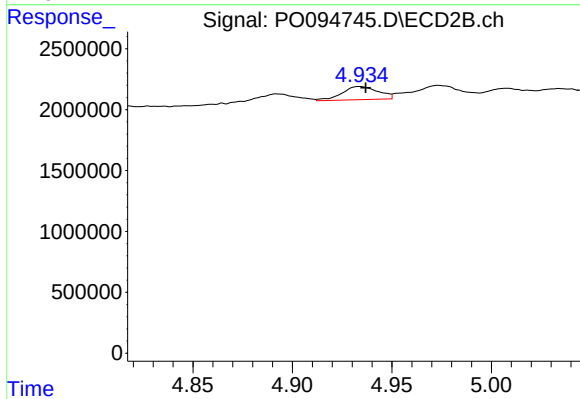
#21 AR-1248-1

R.T.: 4.696 min
Delta R.T.: -0.005 min
Response: 1272615
Conc: 49.90 ng/ml



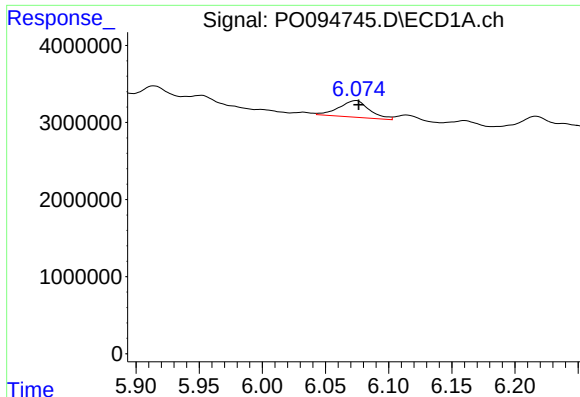
#22 AR-1248-2

R.T.: 5.869 min
Delta R.T.: -0.002 min
Response: 2501834
Conc: 23.91 ng/ml



#22 AR-1248-2

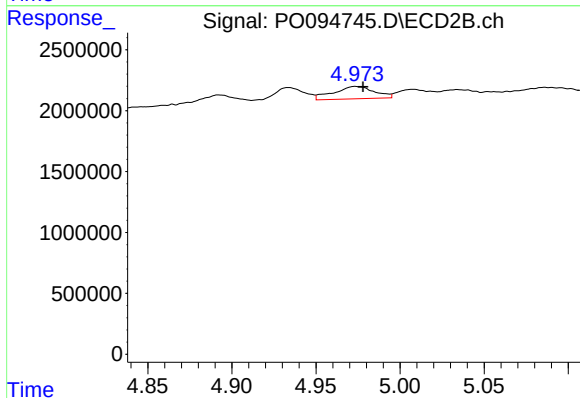
R.T.: 4.934 min
Delta R.T.: -0.003 min
Response: 1378704
Conc: 33.29 ng/ml



#23 AR-1248-3

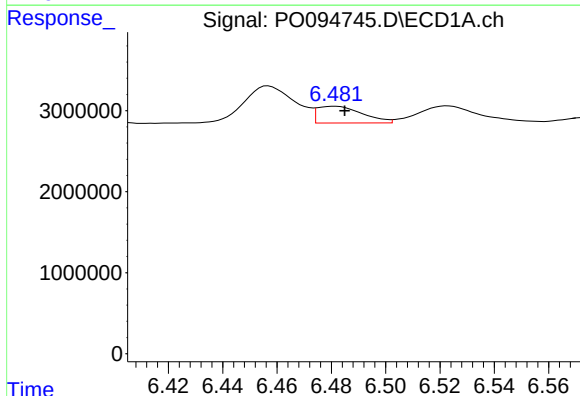
R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 3659966
Conc: 33.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



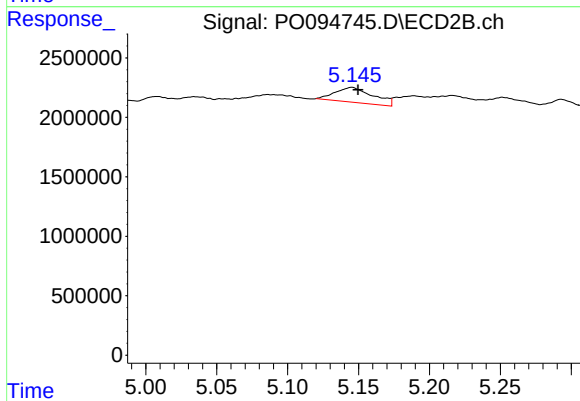
#23 AR-1248-3

R.T.: 4.974 min
Delta R.T.: -0.005 min
Response: 1717821
Conc: 40.04 ng/ml



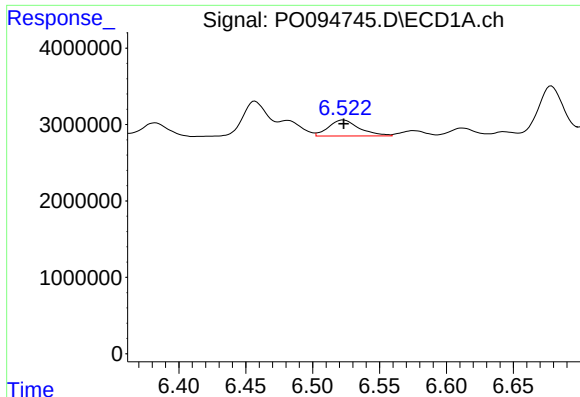
#24 AR-1248-4

R.T.: 6.481 min
Delta R.T.: -0.003 min
Response: 2381335
Conc: 23.13 ng/ml



#24 AR-1248-4

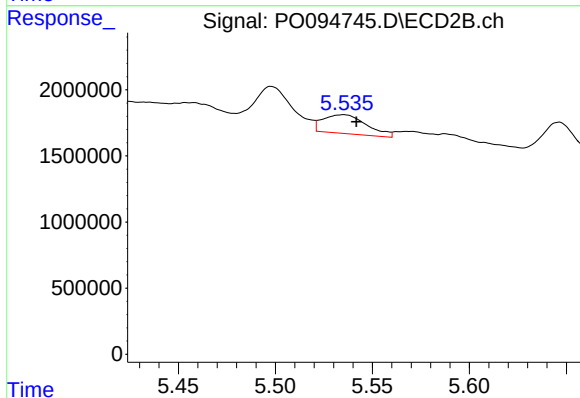
R.T.: 5.145 min
Delta R.T.: -0.004 min
Response: 2350180
Conc: 47.95 ng/ml



#25 AR-1248-5

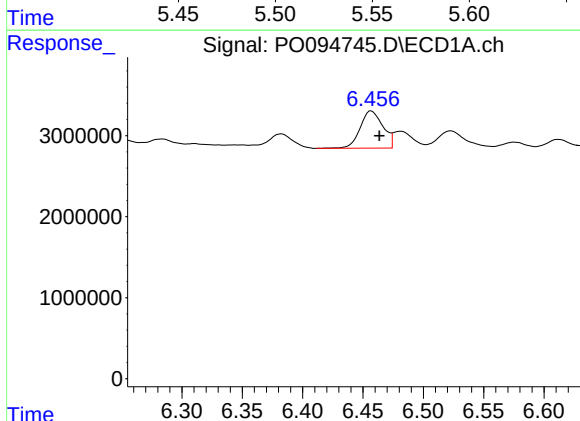
R.T.: 6.523 min
Delta R.T.: 0.000 min
Response: 3335627
Conc: 30.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



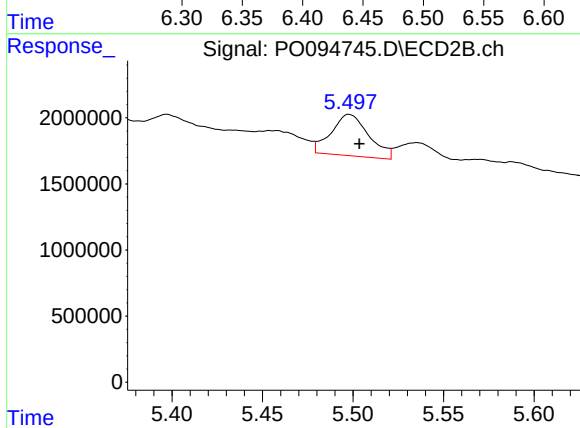
#25 AR-1248-5

R.T.: 5.535 min
Delta R.T.: -0.007 min
Response: 2231387
Conc: 56.09 ng/ml



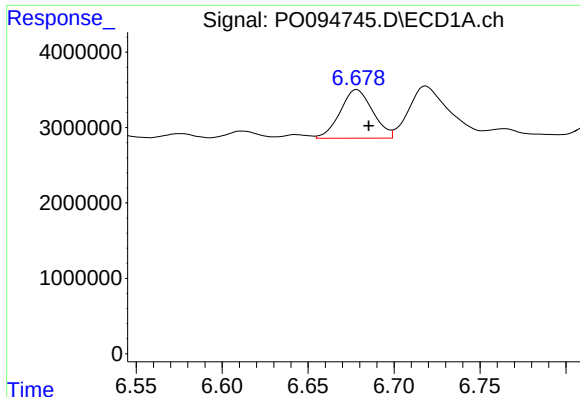
#26 AR-1254-1

R.T.: 6.457 min
Delta R.T.: -0.007 min
Response: 6008823
Conc: 47.43 ng/ml



#26 AR-1254-1

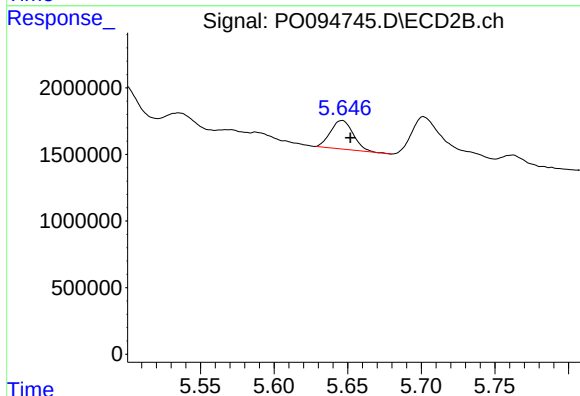
R.T.: 5.498 min
Delta R.T.: -0.006 min
Response: 4528310
Conc: 62.47 ng/ml



#27 AR-1254-2

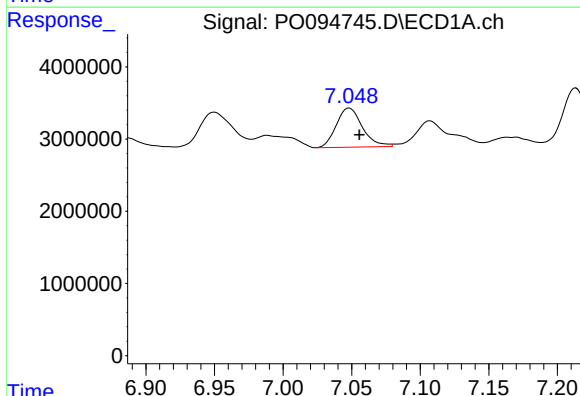
R.T.: 6.678 min
Delta R.T.: -0.007 min
Response: 8493597
Conc: 44.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



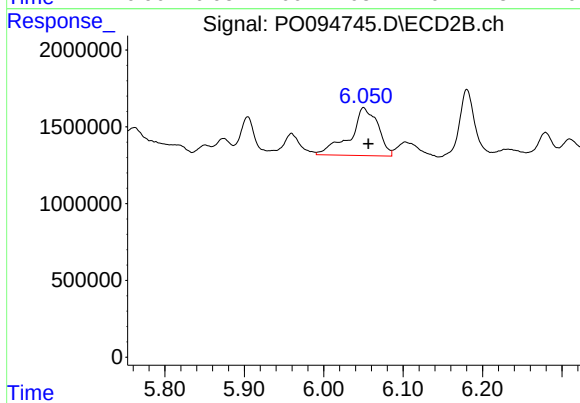
#27 AR-1254-2

R.T.: 5.646 min
Delta R.T.: -0.006 min
Response: 2308928
Conc: 35.39 ng/ml



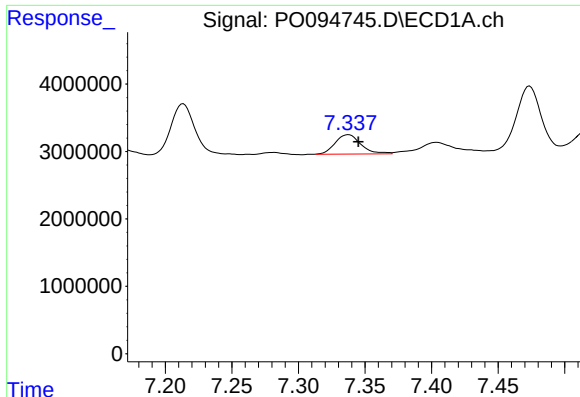
#28 AR-1254-3

R.T.: 7.048 min
Delta R.T.: -0.007 min
Response: 7177006
Conc: 38.05 ng/ml



#28 AR-1254-3

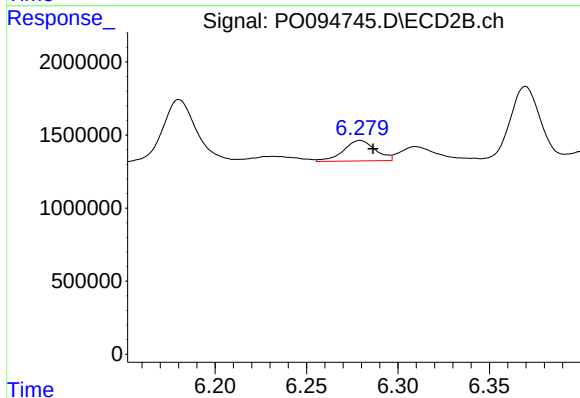
R.T.: 6.050 min
Delta R.T.: -0.006 min
Response: 7616349
Conc: 76.70 ng/ml



#29 AR-1254-4

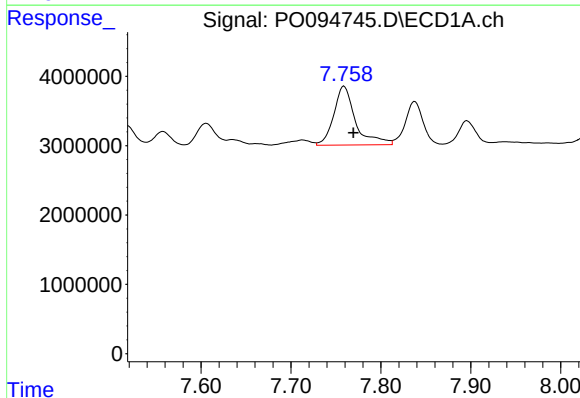
R.T.: 7.338 min
Delta R.T.: -0.007 min
Response: 3854784
Conc: 34.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



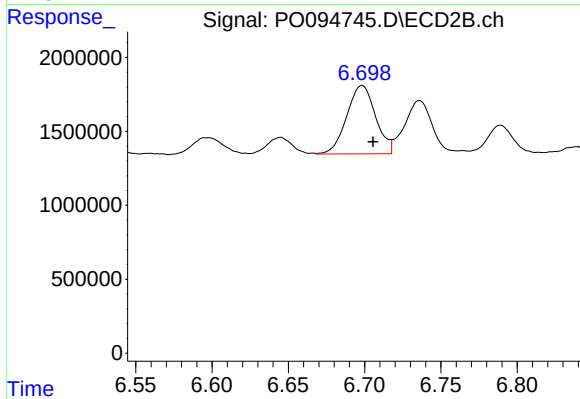
#29 AR-1254-4

R.T.: 6.279 min
Delta R.T.: -0.007 min
Response: 1710030
Conc: 34.64 ng/ml



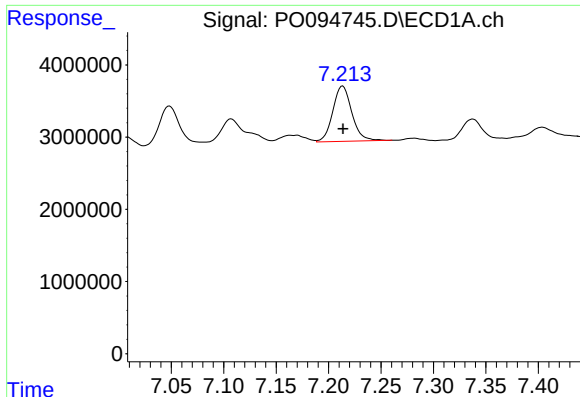
#30 AR-1254-5

R.T.: 7.759 min
Delta R.T.: -0.011 min
Response: 14272663
Conc: 101.91 ng/ml



#30 AR-1254-5

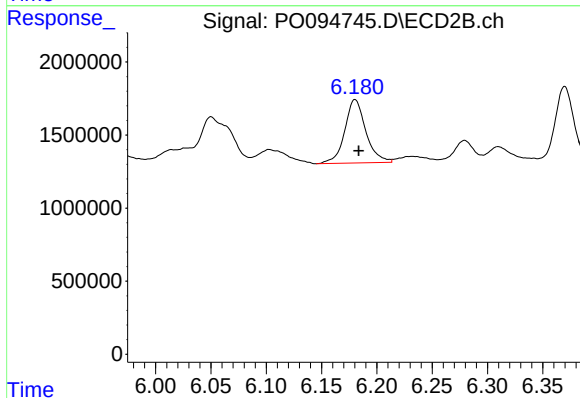
R.T.: 6.698 min
Delta R.T.: -0.007 min
Response: 6093275
Conc: 72.43 ng/ml



#31 AR-1260-1

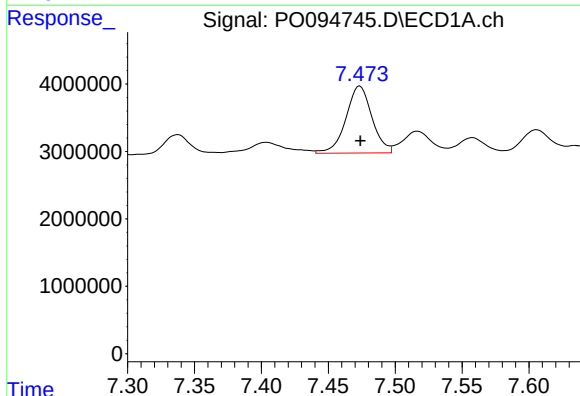
R.T.: 7.213 min
Delta R.T.: 0.000 min
Response: 9398136
Conc: 63.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



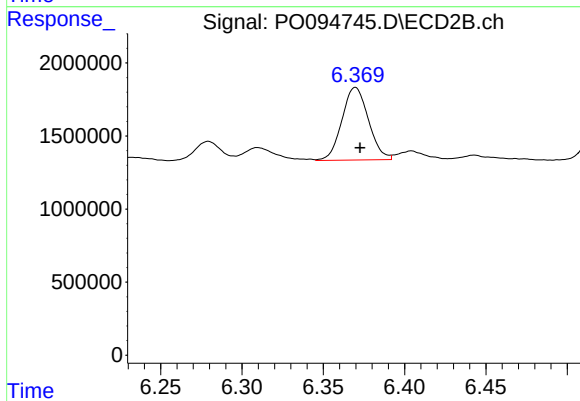
#31 AR-1260-1

R.T.: 6.180 min
Delta R.T.: -0.003 min
Response: 5773057
Conc: 82.00 ng/ml



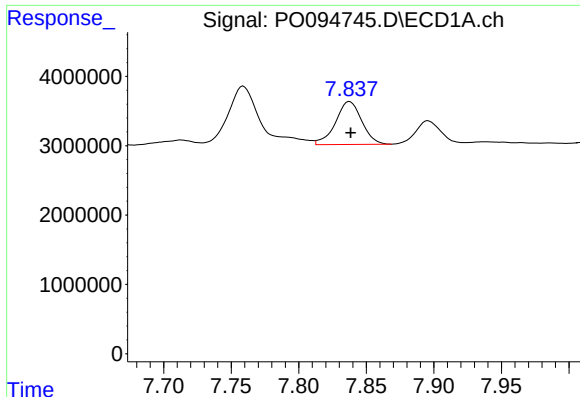
#32 AR-1260-2

R.T.: 7.474 min
Delta R.T.: 0.000 min
Response: 13449742
Conc: 82.94 ng/ml



#32 AR-1260-2

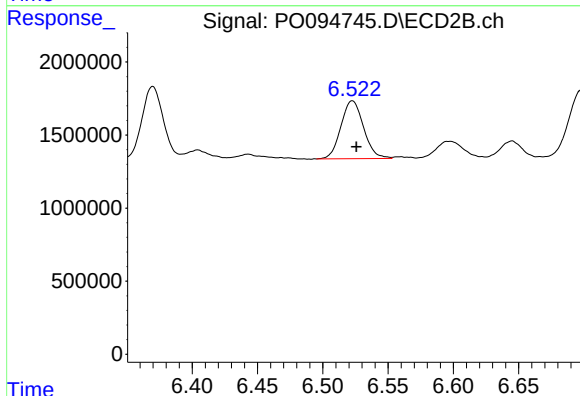
R.T.: 6.370 min
Delta R.T.: -0.003 min
Response: 5638728
Conc: 70.53 ng/ml



#33 AR-1260-3

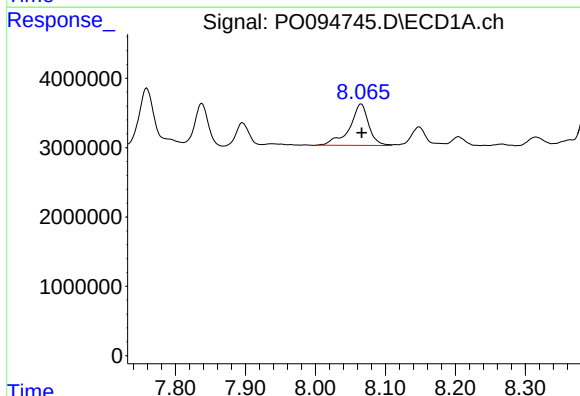
R.T.: 7.838 min
Delta R.T.: 0.000 min
Response: 8395324
Conc: 64.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



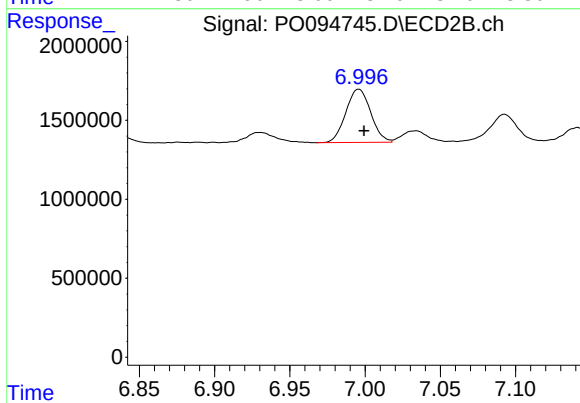
#33 AR-1260-3

R.T.: 6.523 min
Delta R.T.: -0.003 min
Response: 4777306
Conc: 63.53 ng/ml



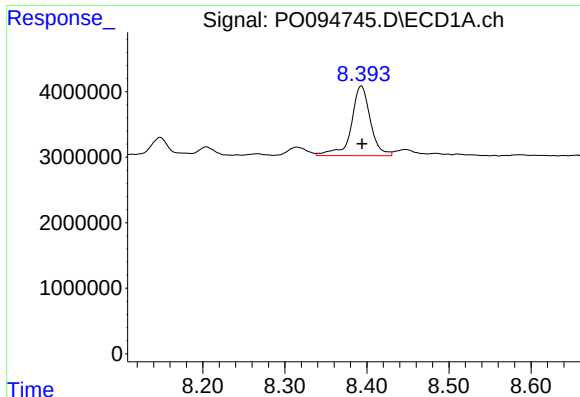
#34 AR-1260-4

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 11334702
Conc: 81.06 ng/ml



#34 AR-1260-4

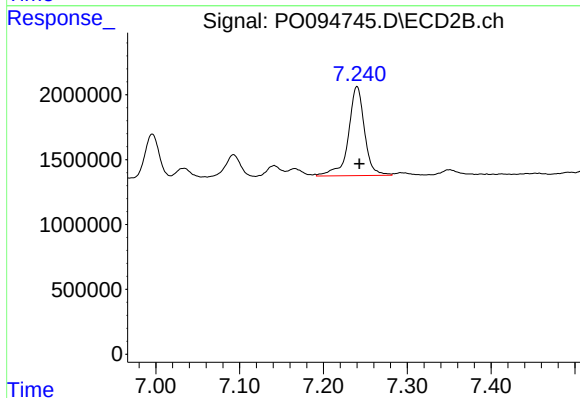
R.T.: 6.996 min
Delta R.T.: -0.004 min
Response: 3895210
Conc: 62.22 ng/ml



#35 AR-1260-5

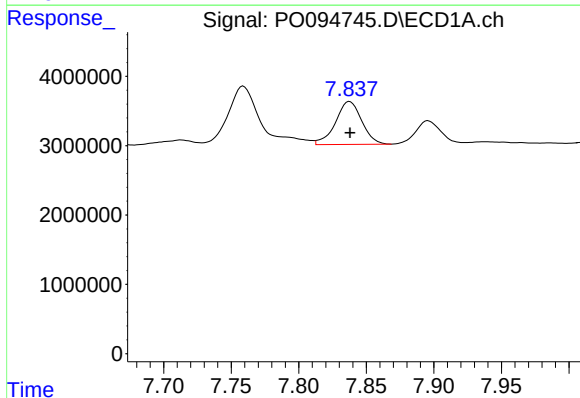
R.T.: 8.393 min
Delta R.T.: 0.000 min
Response: 17170961
Conc: 70.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



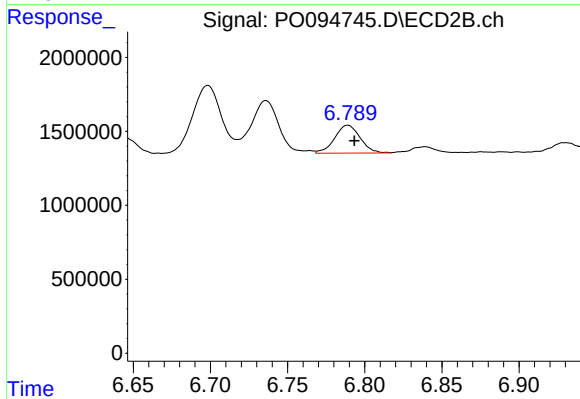
#35 AR-1260-5

R.T.: 7.240 min
Delta R.T.: -0.003 min
Response: 9203981
Conc: 73.03 ng/ml



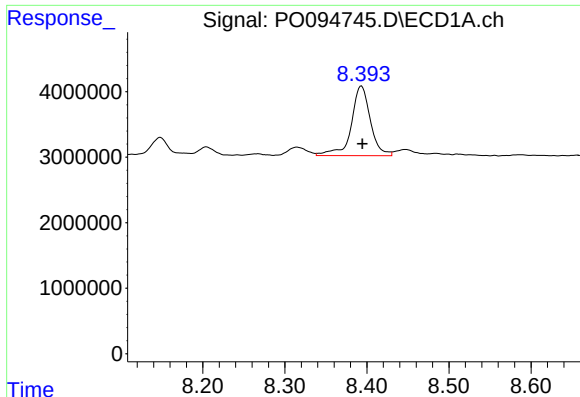
#36 AR-1262-1

R.T.: 7.838 min
Delta R.T.: 0.000 min
Response: 8395324
Conc: 49.99 ng/ml



#36 AR-1262-1

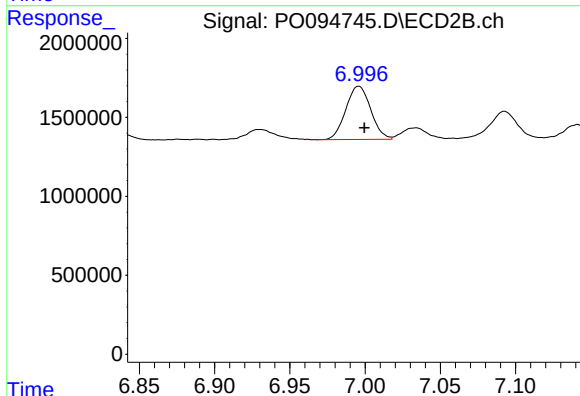
R.T.: 6.789 min
Delta R.T.: -0.004 min
Response: 2171876
Conc: 57.95 ng/ml



#37 AR-1262-2

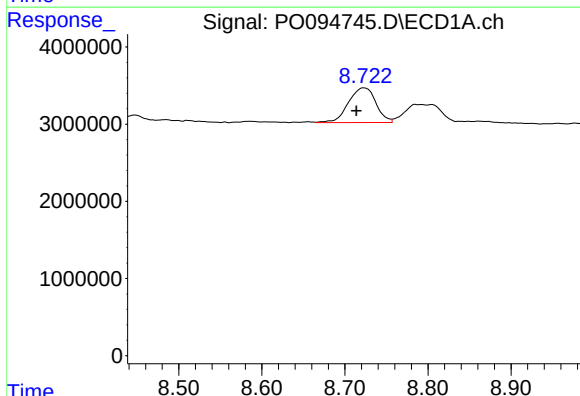
R.T.: 8.393 min
Delta R.T.: -0.001 min
Response: 17170961
Conc: 68.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



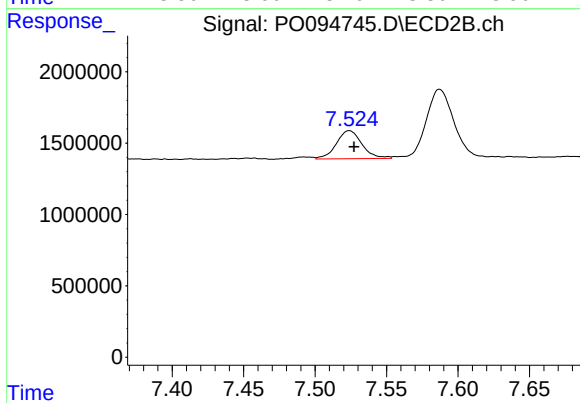
#37 AR-1262-2

R.T.: 6.996 min
Delta R.T.: -0.004 min
Response: 3895210
Conc: 52.21 ng/ml



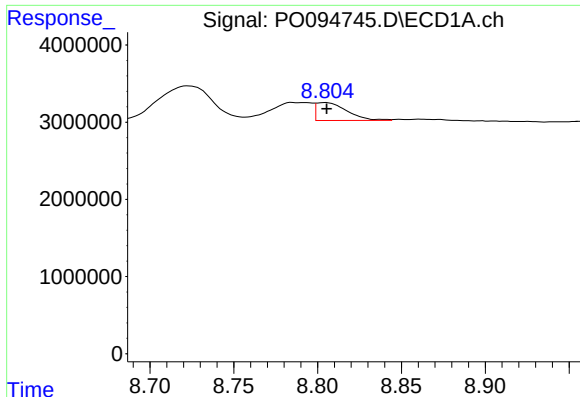
#38 AR-1262-3

R.T.: 8.723 min
Delta R.T.: 0.009 min
Response: 10340831
Conc: 57.26 ng/ml



#38 AR-1262-3

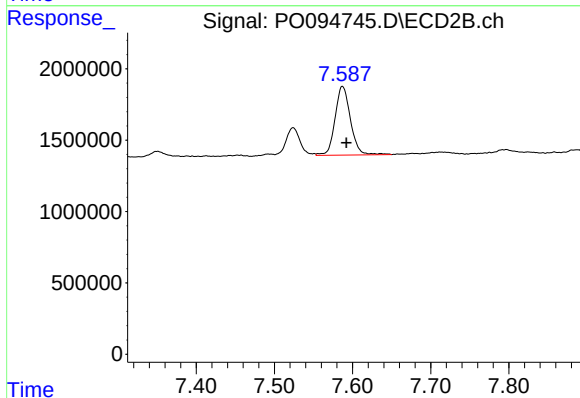
R.T.: 7.524 min
Delta R.T.: -0.003 min
Response: 2460779
Conc: 42.30 ng/ml



#39 AR-1262-4

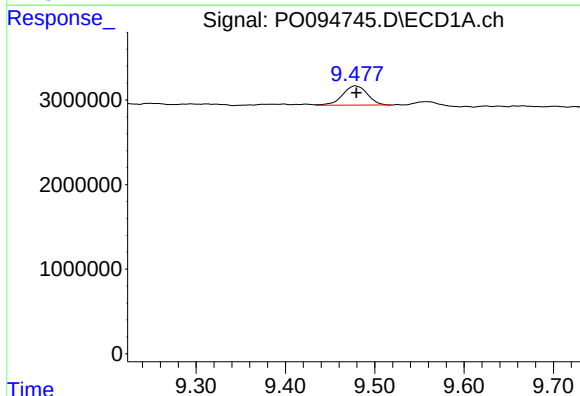
R.T.: 8.805 min
Delta R.T.: 0.000 min
Response: 2948931
Conc: 31.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



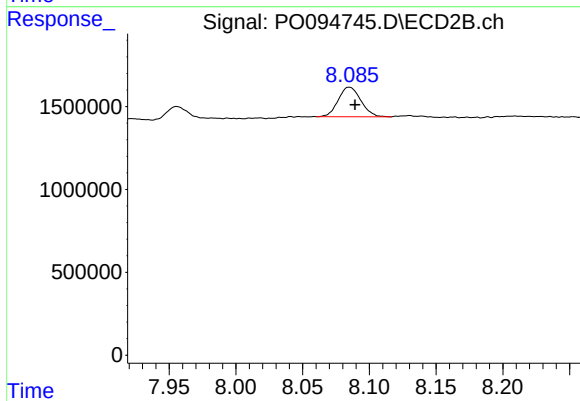
#39 AR-1262-4

R.T.: 7.587 min
Delta R.T.: -0.005 min
Response: 6621638
Conc: 65.38 ng/ml



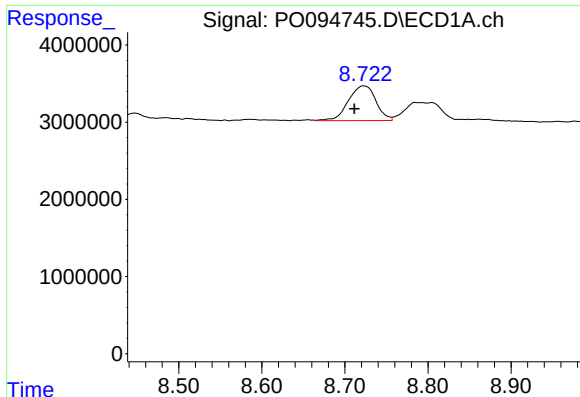
#40 AR-1262-5

R.T.: 9.478 min
Delta R.T.: 0.000 min
Response: 4419659
Conc: 51.60 ng/ml



#40 AR-1262-5

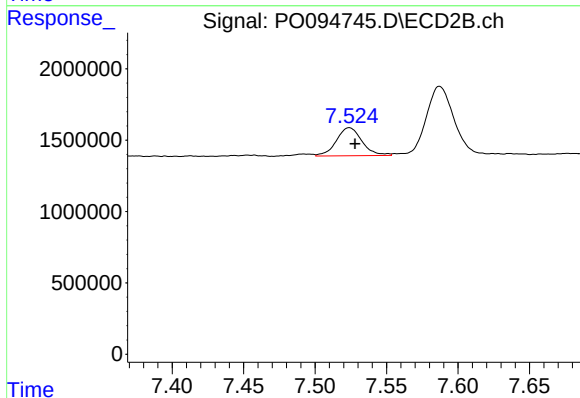
R.T.: 8.085 min
Delta R.T.: -0.004 min
Response: 2103200
Conc: 48.32 ng/ml



#41 AR-1268-1

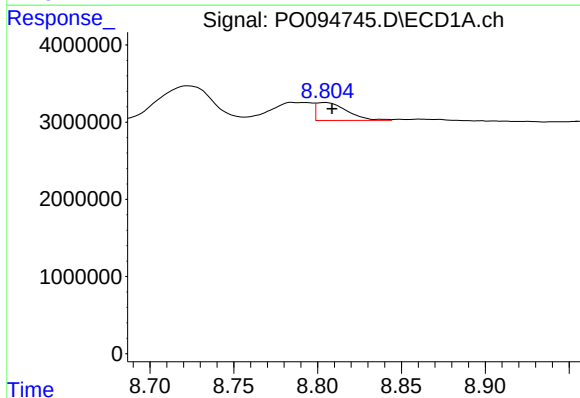
R.T.: 8.723 min
Delta R.T.: 0.011 min
Response: 10340831
Conc: 30.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



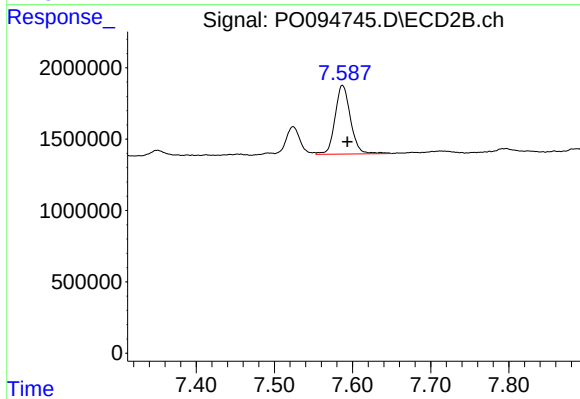
#41 AR-1268-1

R.T.: 7.524 min
Delta R.T.: -0.004 min
Response: 2460779
Conc: 14.56 ng/ml



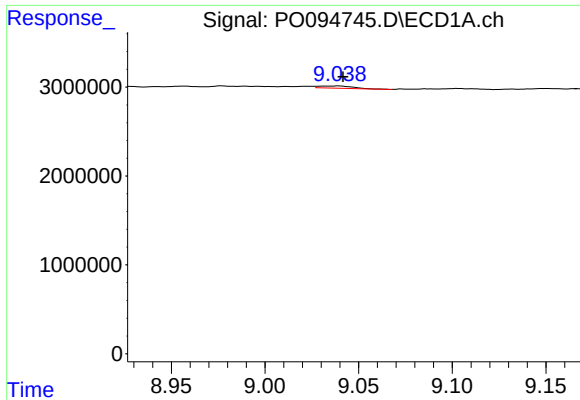
#42 AR-1268-2

R.T.: 8.805 min
Delta R.T.: -0.004 min
Response: 2948931
Conc: 9.72 ng/ml



#42 AR-1268-2

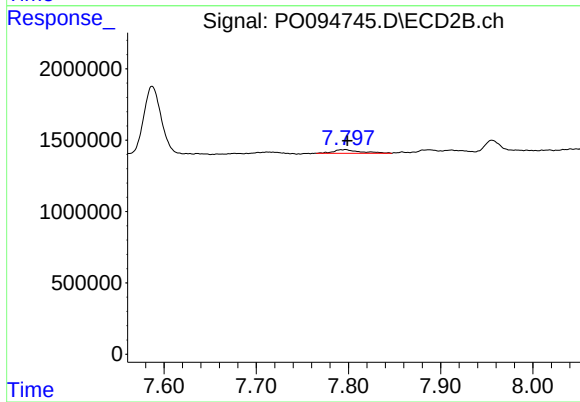
R.T.: 7.587 min
Delta R.T.: -0.006 min
Response: 6621638
Conc: 43.21 ng/ml



#43 AR-1268-3

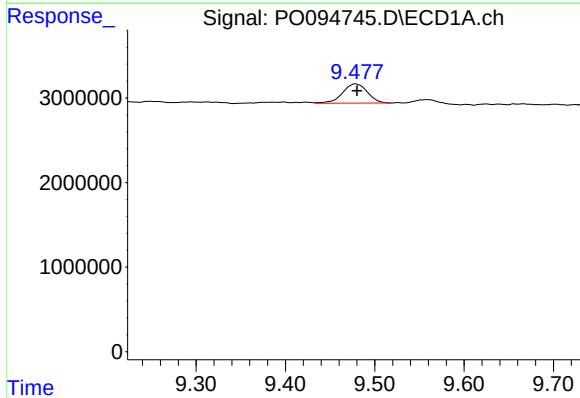
R.T.: 9.039 min
Delta R.T.: -0.002 min
Response: 305827
Conc: 1.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



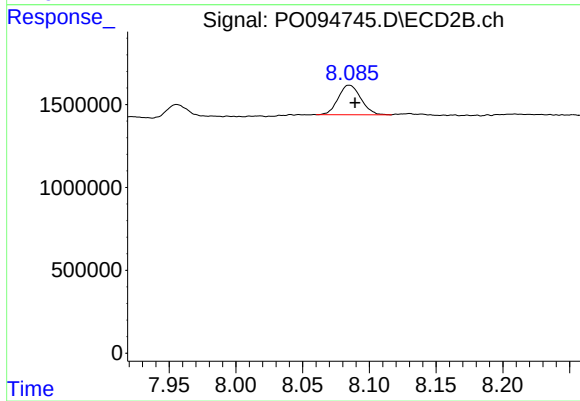
#43 AR-1268-3

R.T.: 7.797 min
Delta R.T.: -0.002 min
Response: 514437
Conc: 3.78 ng/ml



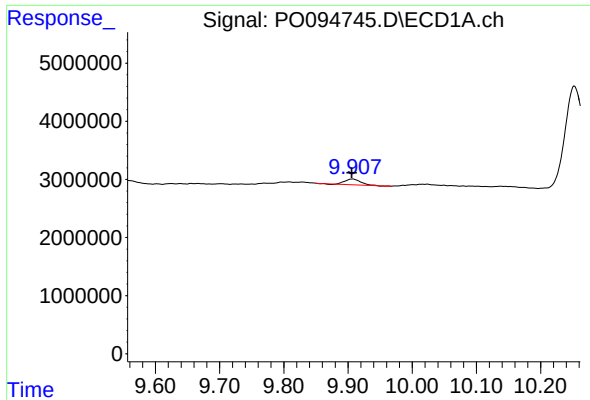
#44 AR-1268-4

R.T.: 9.478 min
Delta R.T.: -0.001 min
Response: 4419659
Conc: 47.08 ng/ml



#44 AR-1268-4

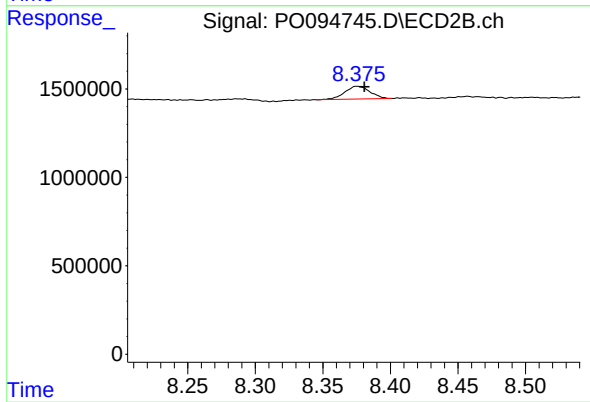
R.T.: 8.085 min
Delta R.T.: -0.004 min
Response: 2103200
Conc: 42.10 ng/ml



#45 AR-1268-5

R.T.: 9.907 min
Delta R.T.: 0.001 min
Response: 1617863
Conc: 1.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.376 min
Delta R.T.: -0.005 min
Response: 932934
Conc: 2.38 ng/ml