

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022423\
 Data File : P0092716.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 19:13
 Operator : YP/AJ
 Sample : 01627-07
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 04:18:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 22 05:46:11 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...	4.432	3.638	62702264	24736308	20.882	19.406
2)	SA Decachlor...	10.263	8.672	46619838	23951664	24.237	20.552
Target Compounds							
3)	L1 AR-1016-1	5.608	4.724	4141888	1612210	45.065	39.908
4)	L1 AR-1016-2	5.630	4.743	6042412	2297168	45.336	39.783
5)	L1 AR-1016-3	5.693	4.919	4381497	1179684	50.465	37.646 #
6)	L1 AR-1016-4	5.792	4.962	2675438	1142846	40.970	40.879
7)	L1 AR-1016-5	6.090	5.175	3110622	1432390	43.768	40.380
8)	L2 AR-1221-1	4.640	0.000	816374	0	20.654	N.D. #
9)	L2 AR-1221-2	4.737	3.937	1291685	548274	44.892	45.286
10)	L2 AR-1221-3	4.804	4.013	2533256	993536	28.764	26.683
11)	L3 AR-1232-1	4.804	4.013	2533256	993536	36.050	31.736
12)	L3 AR-1232-2	5.338	4.743	3285668	2297168	95.536	85.274
13)	L3 AR-1232-3	5.630	4.919	6042412	1179684	98.838	84.157
14)	L3 AR-1232-4	5.792	5.003	2675438	1378514	90.648	96.932
15)	L3 AR-1232-5	5.884	5.175	3123628	1432390	120.284	92.114
16)	L4 AR-1242-1	5.608	4.724	4141888	1612210	52.495	48.009
17)	L4 AR-1242-2	5.630	4.743	6042412	2297168	52.528	47.905
18)	L4 AR-1242-3	5.693	4.919	4381497	1179684	59.351	45.303
19)	L4 AR-1242-4	5.792	5.003	2675438	1378514	48.305	47.806
20)	L4 AR-1242-5	6.536	5.528	736007	1343348	12.566	42.933 #
21)	L5 AR-1248-1	5.608	4.724	4141888	1612210	67.567	61.571
22)	L5 AR-1248-2	5.884	4.962	3123628	1142846	32.457	28.247
23)	L5 AR-1248-3	6.090	5.003	3110622	1378514	30.313	32.708
24)	L5 AR-1248-4	6.497	5.175	912731	1432390	9.120	29.654 #
25)	L5 AR-1248-5	6.536	5.528f	736007	1343348	7.271	32.186 #
26)	L6 AR-1254-1	6.470	5.528	2672349	1343348	23.570	19.188
27)	L6 AR-1254-2	6.691	5.676	2258341	1074448	13.588	17.126 #
28)	L6 AR-1254-3	7.060	6.097	1038017	1840574	6.341	19.094 #
29)	L6 AR-1254-4	7.347	6.340	608526	641210	5.863	12.426 #
30)	L6 AR-1254-5	7.770	6.730	6844073	3231435	55.823	39.800 #
31)	L7 AR-1260-1	7.226	6.212	5323887	2921410	43.628	42.881
32)	L7 AR-1260-2	7.486	6.401	6622925	3238240	45.060	40.285
33)	L7 AR-1260-3	7.770	6.555	6844073	3171563	43.541	39.291
34)	L7 AR-1260-4	8.076	7.029	5787421	2513494	49.408	41.292
35)	L7 AR-1260-5	8.402	7.273	8319252	5016582	40.114	39.294
36)	L8 AR-1262-1	7.770	6.730	6844073	3231435	71.010	77.307
37)	L8 AR-1262-2	8.402	7.273	8319252	5016582	35.407	38.007
38)	L8 AR-1262-3	8.733	7.558	5196303	1354651	30.993	23.519
39)	L8 AR-1262-4	8.811	7.622	1636432	3764753	11.412	37.509 #
40)	L8 AR-1262-5	9.485	8.119	2387589	1304049	27.614	28.415
41)	L9 AR-1268-1	8.733	7.558	5196303	1354651	16.627	7.884 #

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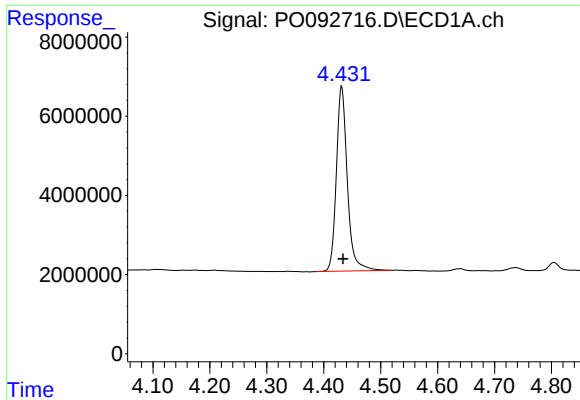
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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	8.811	7.622	1636432	3764753	5.532	24.731 #
44) L9	AR-1268-4	9.485	8.119	2387589	1304049	25.116	24.135
45) L9	AR-1268-5	0.000	8.414	0	406958	N.D.	1.113 #

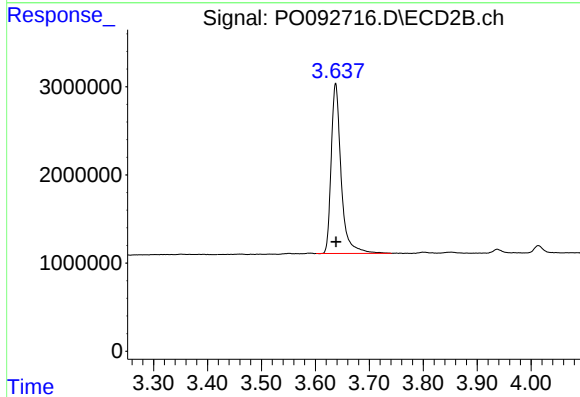
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

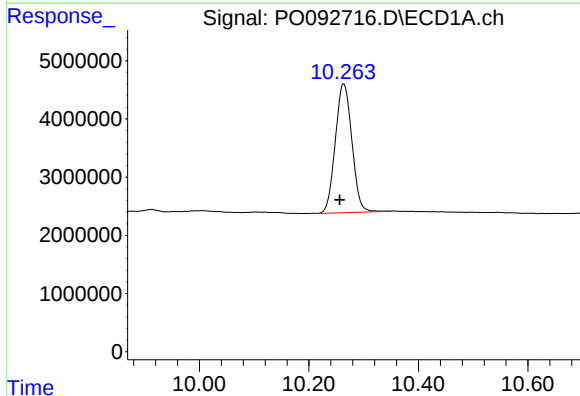
R.T.: 4.432 min
Delta R.T.: -0.002 min
Response: 62702264
Conc: 20.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



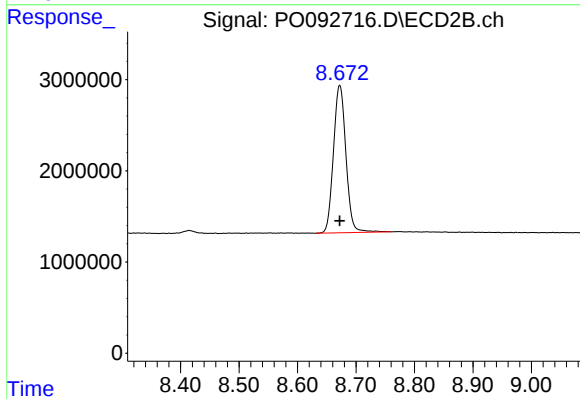
#1 Tetrachloro-m-xylene

R.T.: 3.638 min
Delta R.T.: 0.000 min
Response: 24736308
Conc: 19.41 ng/ml



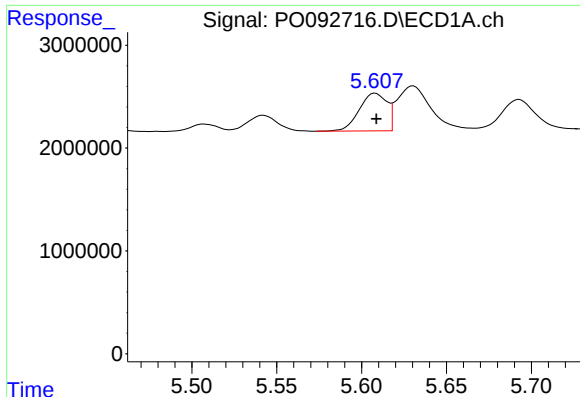
#2 Decachlorobiphenyl

R.T.: 10.263 min
Delta R.T.: 0.007 min
Response: 46619838
Conc: 24.24 ng/ml



#2 Decachlorobiphenyl

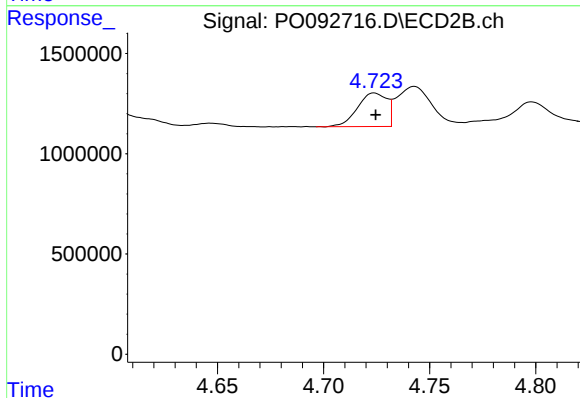
R.T.: 8.672 min
Delta R.T.: 0.000 min
Response: 23951664
Conc: 20.55 ng/ml



#3 AR-1016-1

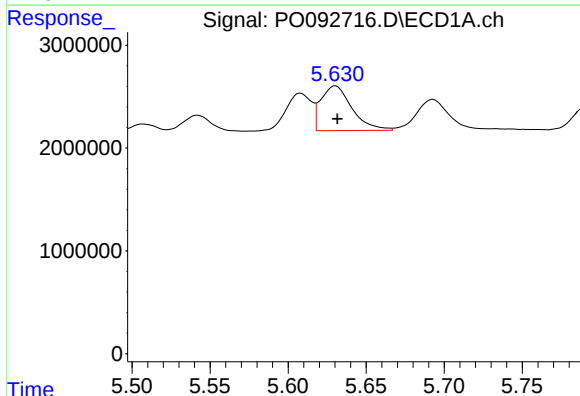
R.T.: 5.608 min
Delta R.T.: 0.000 min
Response: 4141888
Conc: 45.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



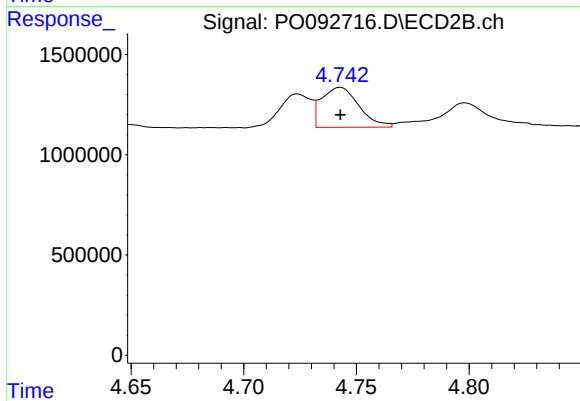
#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 1612210
Conc: 39.91 ng/ml



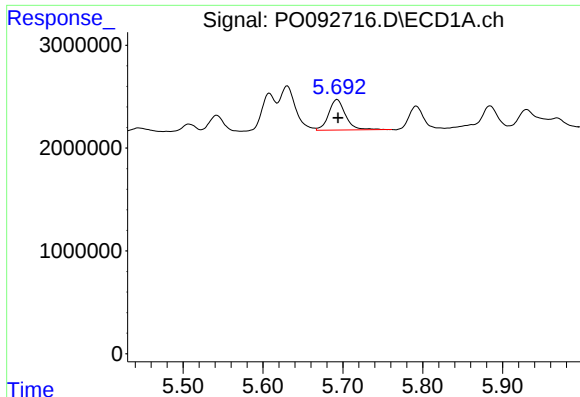
#4 AR-1016-2

R.T.: 5.630 min
Delta R.T.: -0.001 min
Response: 6042412
Conc: 45.34 ng/ml



#4 AR-1016-2

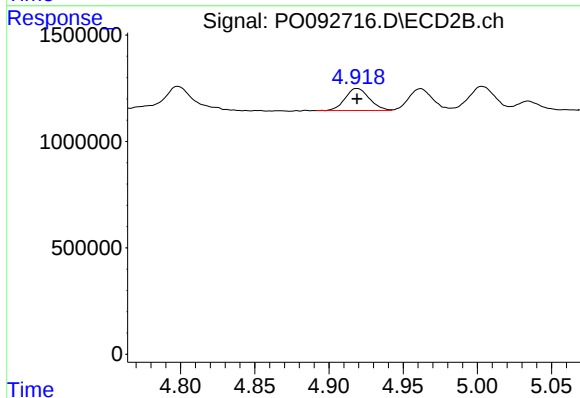
R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 2297168
Conc: 39.78 ng/ml



#5 AR-1016-3

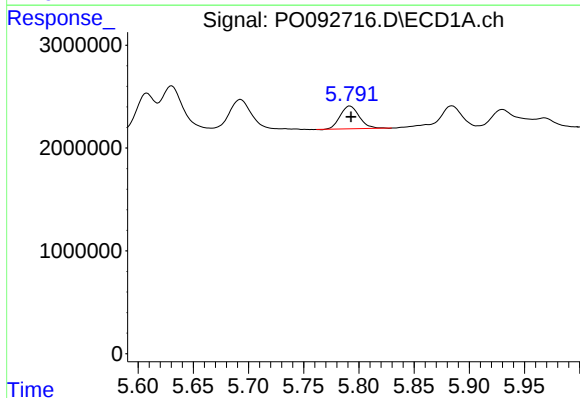
R.T.: 5.693 min
Delta R.T.: -0.001 min
Response: 4381497
Conc: 50.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



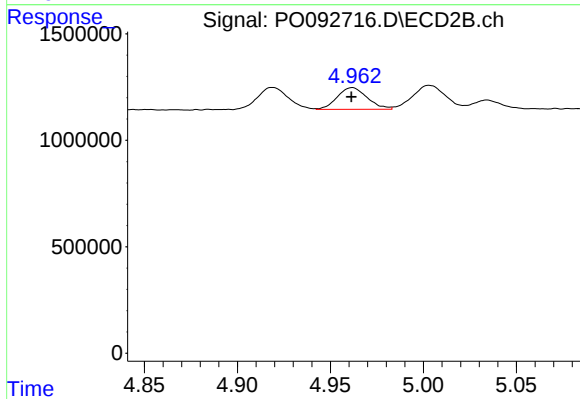
#5 AR-1016-3

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 1179684
Conc: 37.65 ng/ml



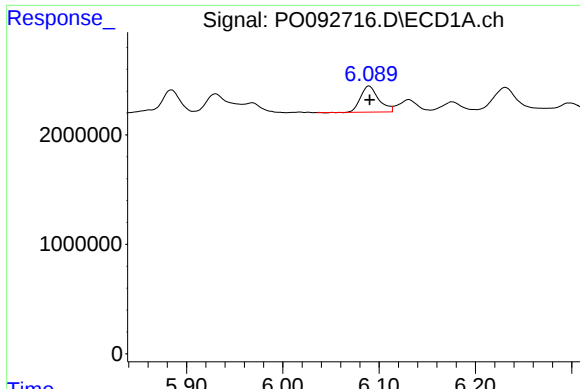
#6 AR-1016-4

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 2675438
Conc: 40.97 ng/ml



#6 AR-1016-4

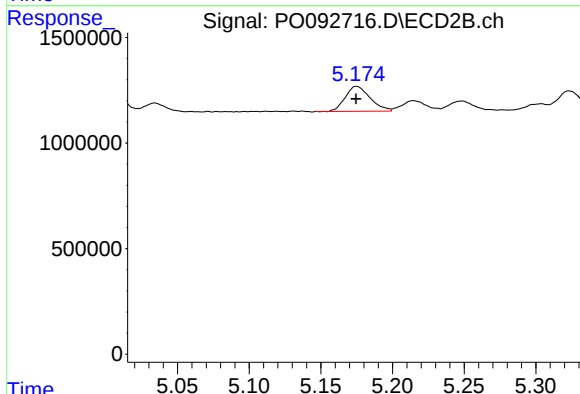
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 1142846
Conc: 40.88 ng/ml



#7 AR-1016-5

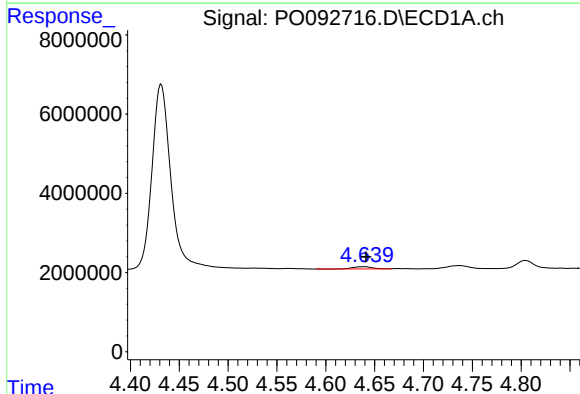
R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 3110622
Conc: 43.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



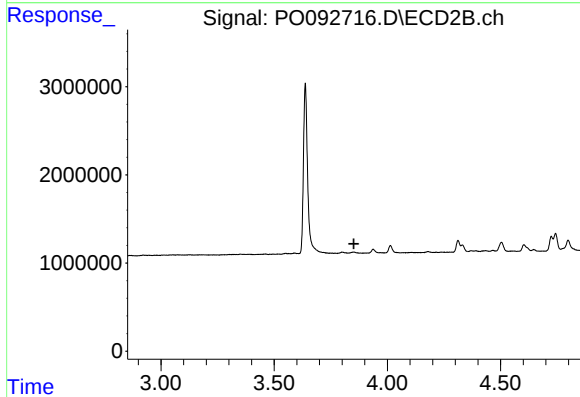
#7 AR-1016-5

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 1432390
Conc: 40.38 ng/ml



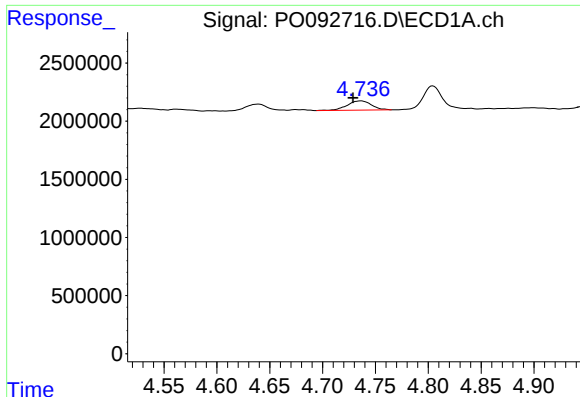
#8 AR-1221-1

R.T.: 4.640 min
Delta R.T.: -0.002 min
Response: 816374
Conc: 20.65 ng/ml



#8 AR-1221-1

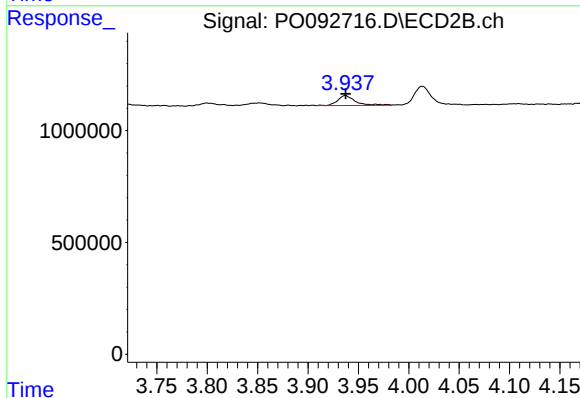
R.T.: 0.000 min
Exp R.T. : 3.852 min
Response: 0
Conc: N.D.



#9 AR-1221-2

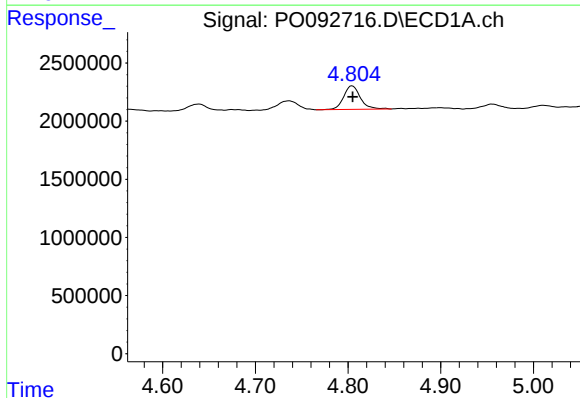
R.T.: 4.737 min
Delta R.T.: 0.008 min
Response: 1291685
Conc: 44.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



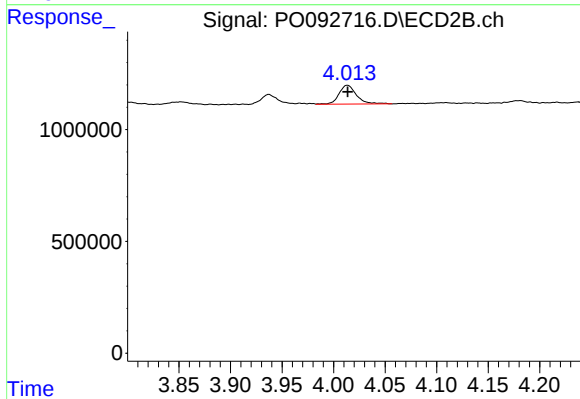
#9 AR-1221-2

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 548274
Conc: 45.29 ng/ml



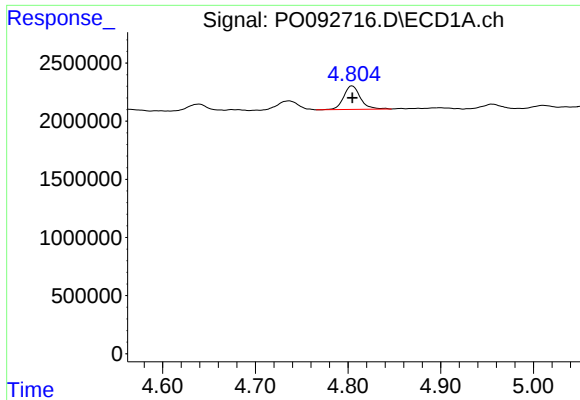
#10 AR-1221-3

R.T.: 4.804 min
Delta R.T.: 0.000 min
Response: 2533256
Conc: 28.76 ng/ml



#10 AR-1221-3

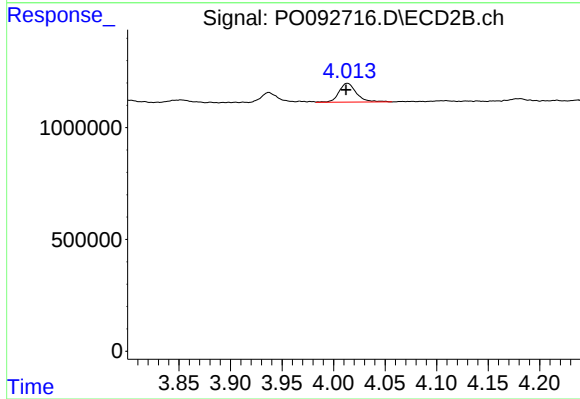
R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 993536
Conc: 26.68 ng/ml



#11 AR-1232-1

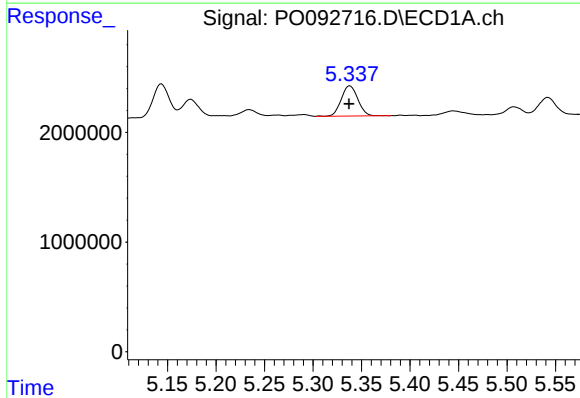
R.T.: 4.804 min
Delta R.T.: 0.000 min
Response: 2533256
Conc: 36.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



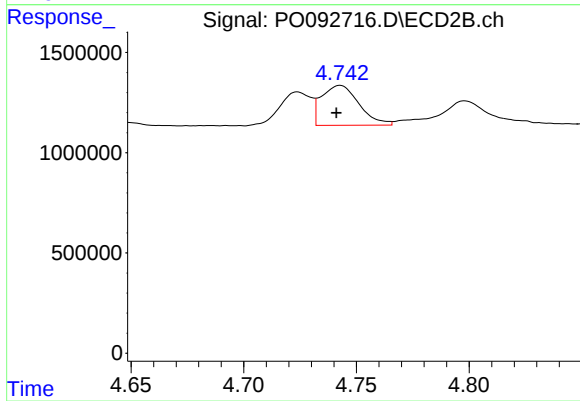
#11 AR-1232-1

R.T.: 4.013 min
Delta R.T.: 0.001 min
Response: 993536
Conc: 31.74 ng/ml



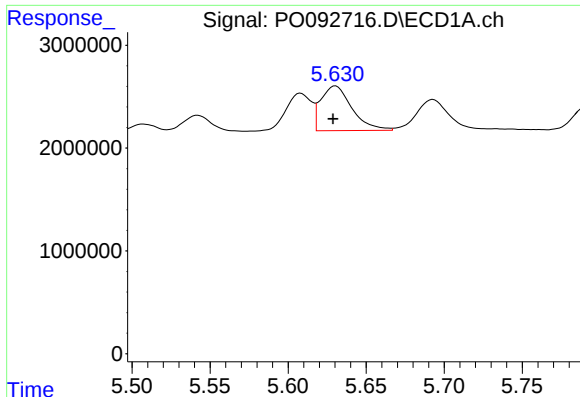
#12 AR-1232-2

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 3285668
Conc: 95.54 ng/ml



#12 AR-1232-2

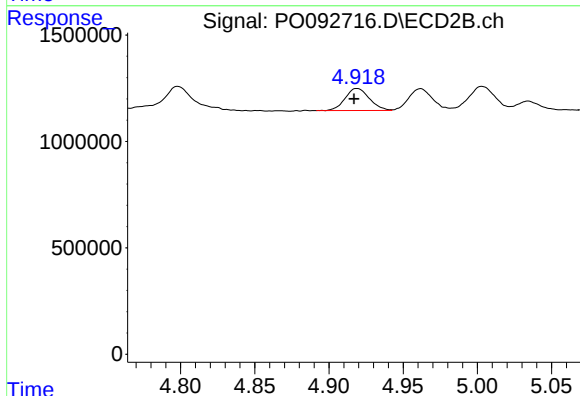
R.T.: 4.743 min
Delta R.T.: 0.002 min
Response: 2297168
Conc: 85.27 ng/ml



#13 AR-1232-3

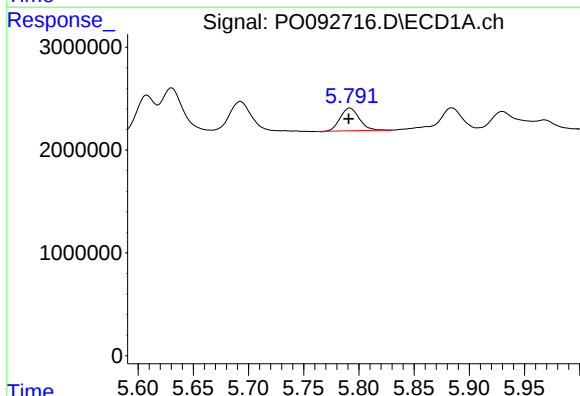
R.T.: 5.630 min
Delta R.T.: 0.002 min
Response: 6042412
Conc: 98.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



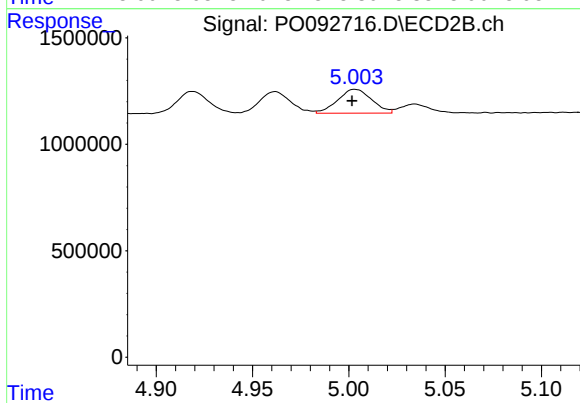
#13 AR-1232-3

R.T.: 4.919 min
Delta R.T.: 0.002 min
Response: 1179684
Conc: 84.16 ng/ml



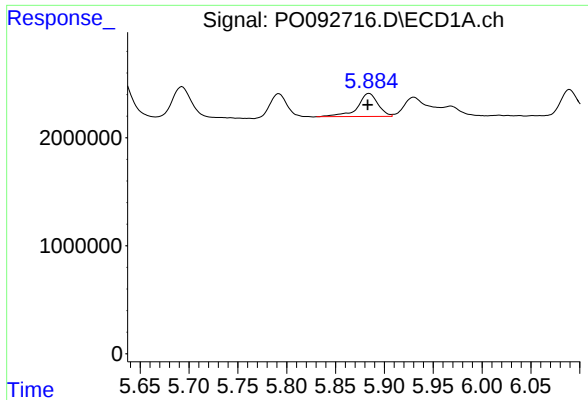
#14 AR-1232-4

R.T.: 5.792 min
Delta R.T.: 0.001 min
Response: 2675438
Conc: 90.65 ng/ml



#14 AR-1232-4

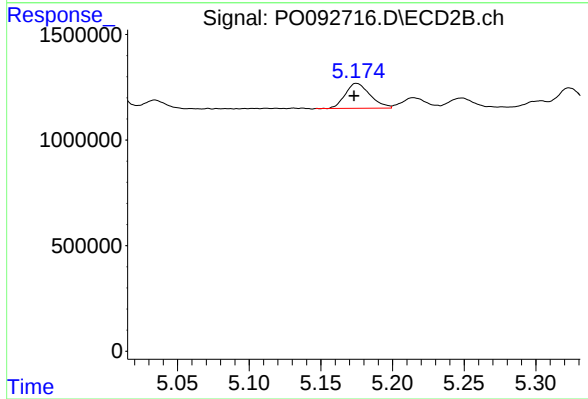
R.T.: 5.003 min
Delta R.T.: 0.002 min
Response: 1378514
Conc: 96.93 ng/ml



#15 AR-1232-5

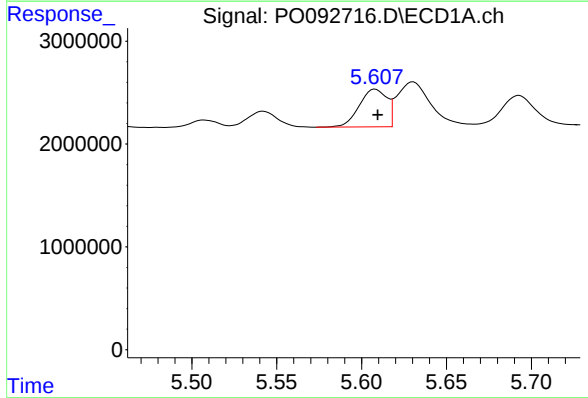
R.T.: 5.884 min
Delta R.T.: 0.002 min
Response: 3123628
Conc: 120.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



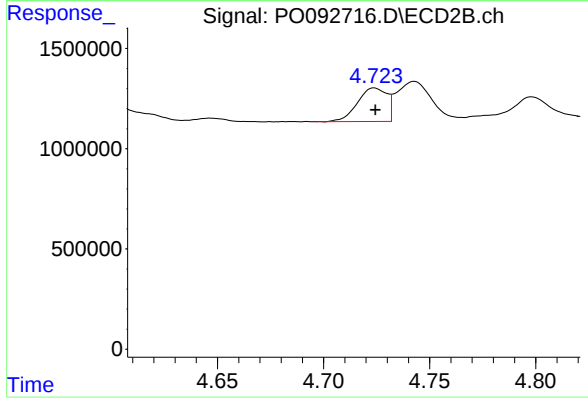
#15 AR-1232-5

R.T.: 5.175 min
Delta R.T.: 0.002 min
Response: 1432390
Conc: 92.11 ng/ml



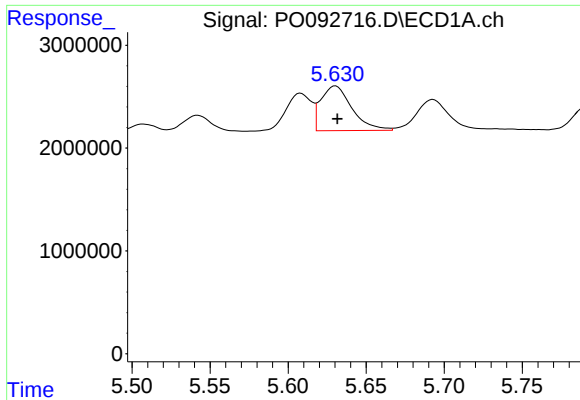
#16 AR-1242-1

R.T.: 5.608 min
Delta R.T.: -0.002 min
Response: 4141888
Conc: 52.49 ng/ml



#16 AR-1242-1

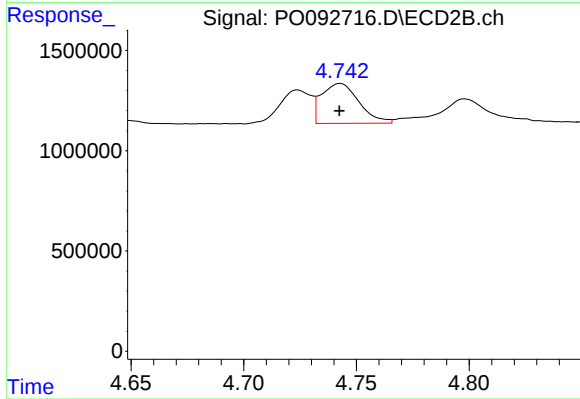
R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 1612210
Conc: 48.01 ng/ml



#17 AR-1242-2

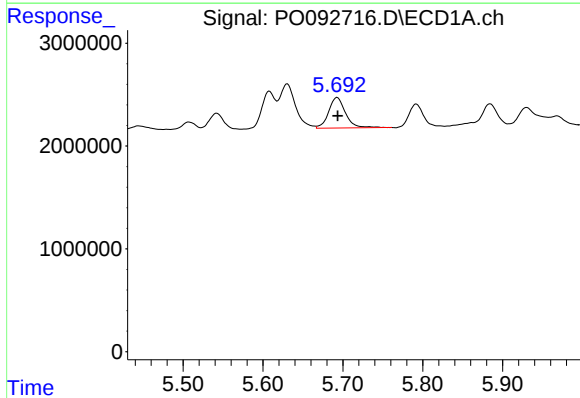
R.T.: 5.630 min
Delta R.T.: -0.001 min
Response: 6042412
Conc: 52.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



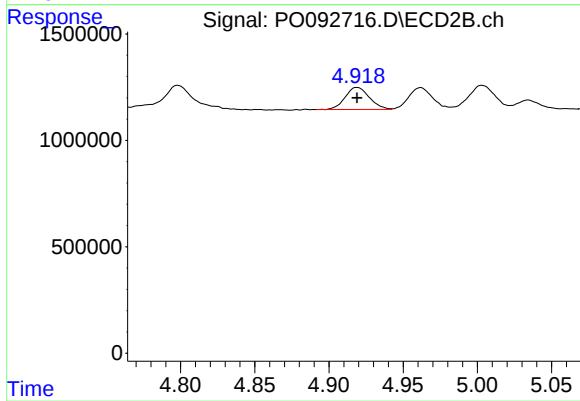
#17 AR-1242-2

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 2297168
Conc: 47.90 ng/ml



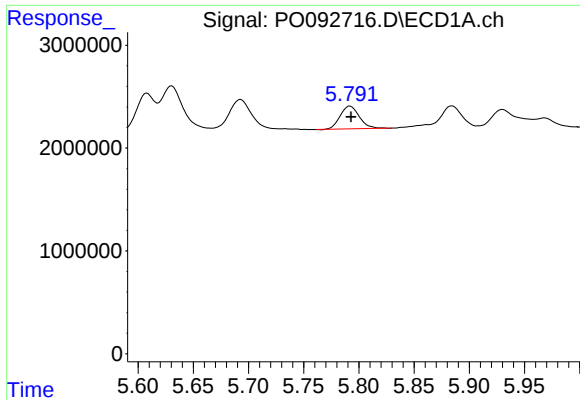
#18 AR-1242-3

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 4381497
Conc: 59.35 ng/ml



#18 AR-1242-3

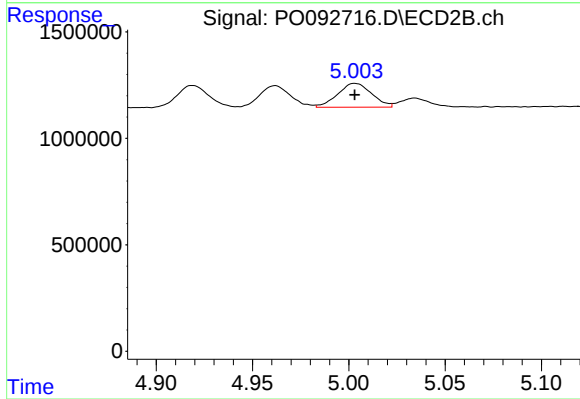
R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 1179684
Conc: 45.30 ng/ml



#19 AR-1242-4

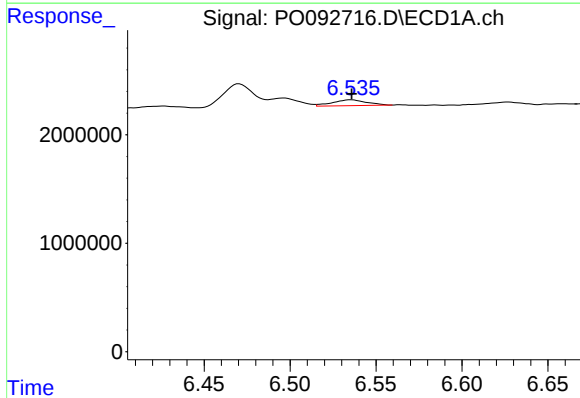
R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 2675438
Conc: 48.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



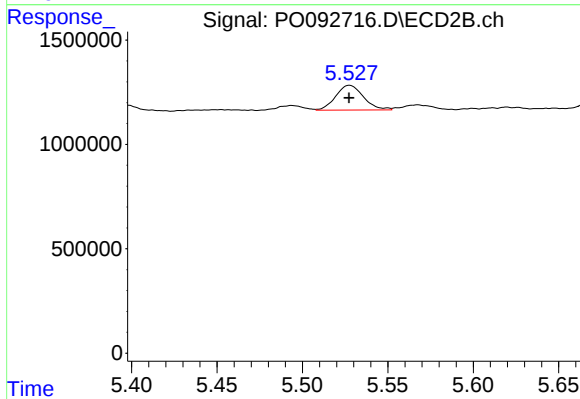
#19 AR-1242-4

R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 1378514
Conc: 47.81 ng/ml



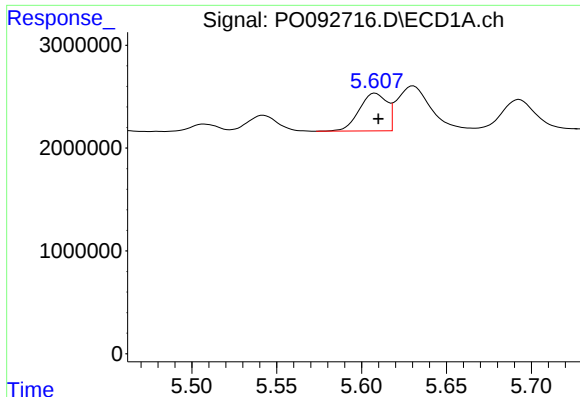
#20 AR-1242-5

R.T.: 6.536 min
Delta R.T.: 0.000 min
Response: 736007
Conc: 12.57 ng/ml



#20 AR-1242-5

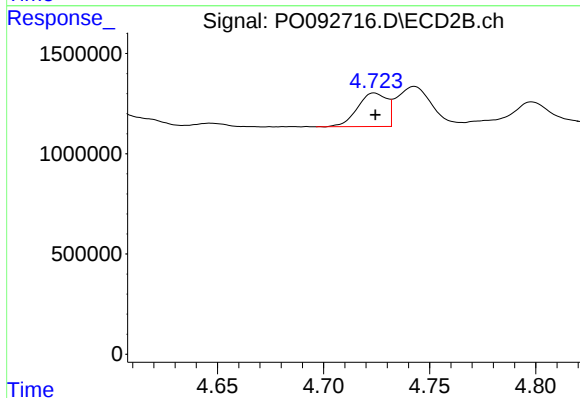
R.T.: 5.528 min
Delta R.T.: 0.000 min
Response: 1343348
Conc: 42.93 ng/ml



#21 AR-1248-1

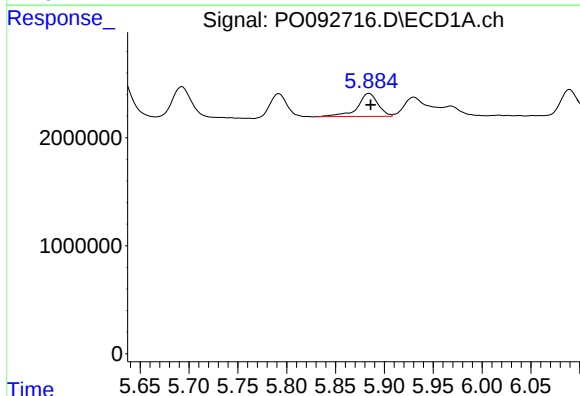
R.T.: 5.608 min
Delta R.T.: -0.002 min
Response: 4141888
Conc: 67.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



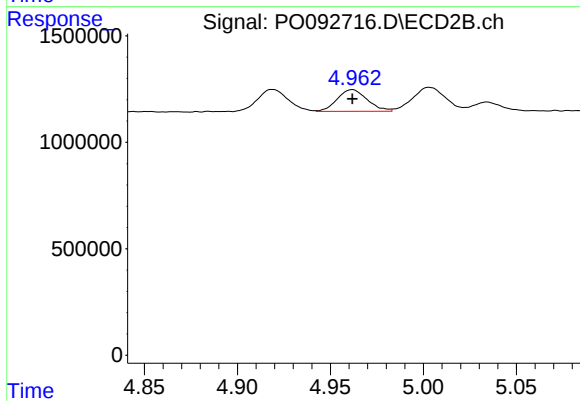
#21 AR-1248-1

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 1612210
Conc: 61.57 ng/ml



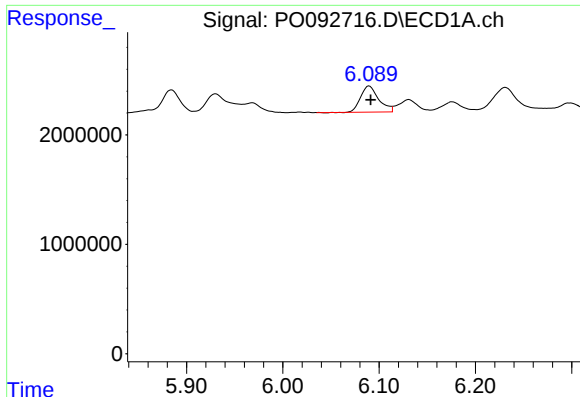
#22 AR-1248-2

R.T.: 5.884 min
Delta R.T.: -0.001 min
Response: 3123628
Conc: 32.46 ng/ml



#22 AR-1248-2

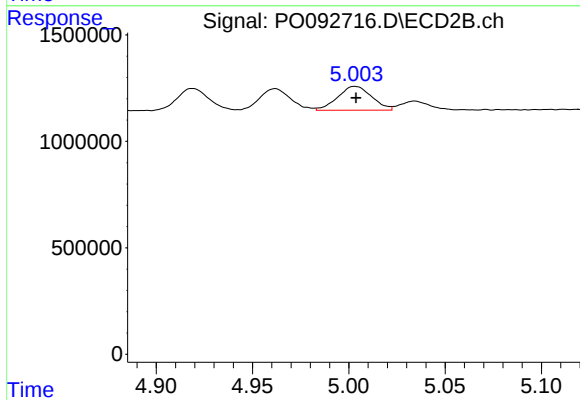
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 1142846
Conc: 28.25 ng/ml



#23 AR-1248-3

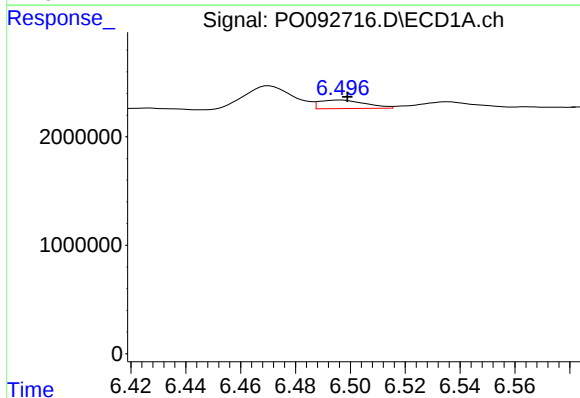
R.T.: 6.090 min
Delta R.T.: -0.002 min
Response: 3110622
Conc: 30.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



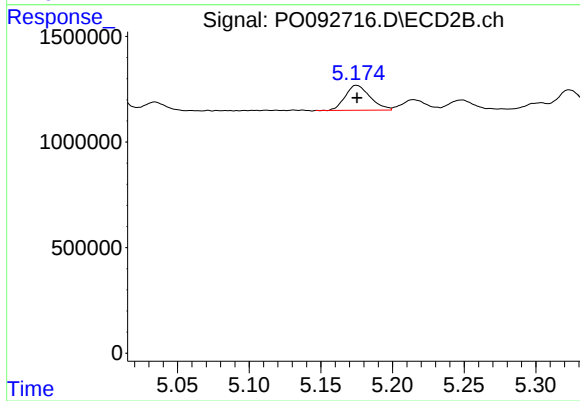
#23 AR-1248-3

R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 1378514
Conc: 32.71 ng/ml



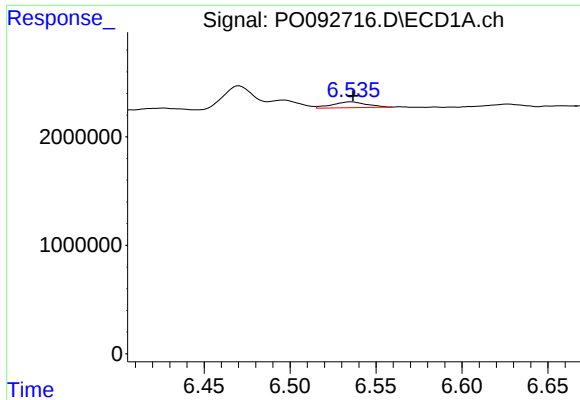
#24 AR-1248-4

R.T.: 6.497 min
Delta R.T.: -0.002 min
Response: 912731
Conc: 9.12 ng/ml



#24 AR-1248-4

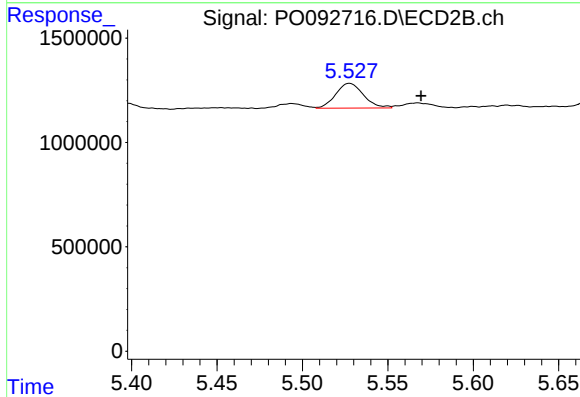
R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 1432390
Conc: 29.65 ng/ml



#25 AR-1248-5

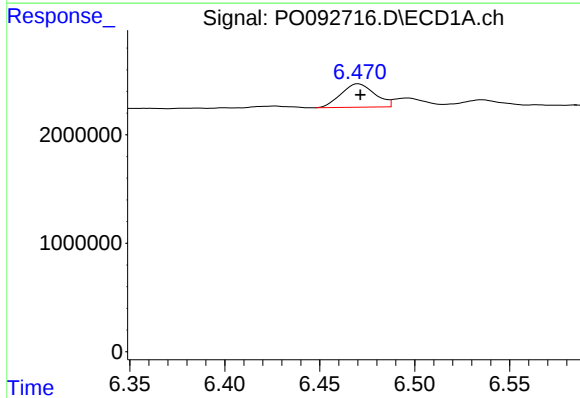
R.T.: 6.536 min
Delta R.T.: 0.000 min
Response: 736007
Conc: 7.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



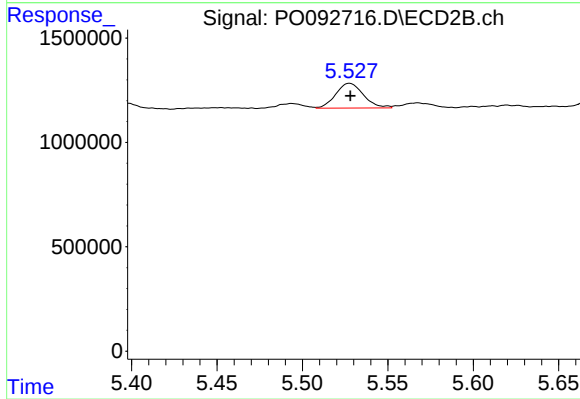
#25 AR-1248-5

R.T.: 5.528 min
Delta R.T.: -0.042 min
Response: 1343348
Conc: 32.19 ng/ml



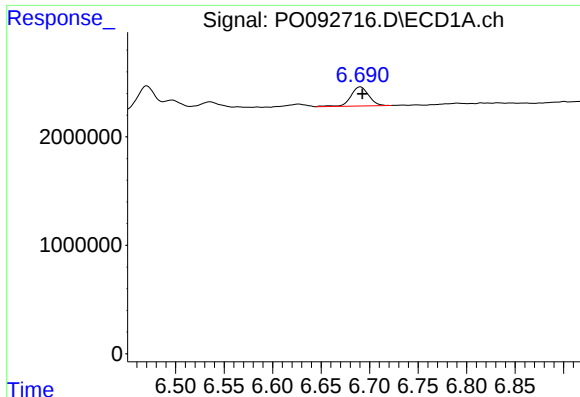
#26 AR-1254-1

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 2672349
Conc: 23.57 ng/ml



#26 AR-1254-1

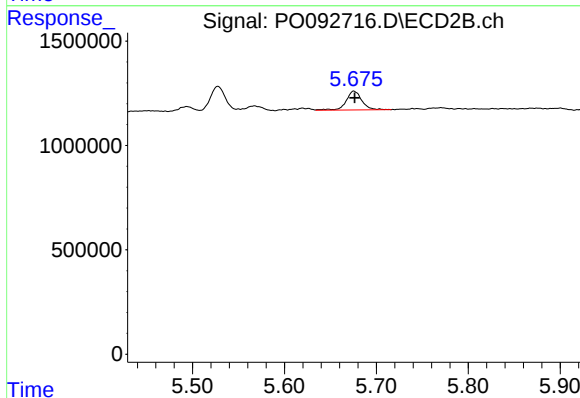
R.T.: 5.528 min
Delta R.T.: 0.000 min
Response: 1343348
Conc: 19.19 ng/ml



#27 AR-1254-2

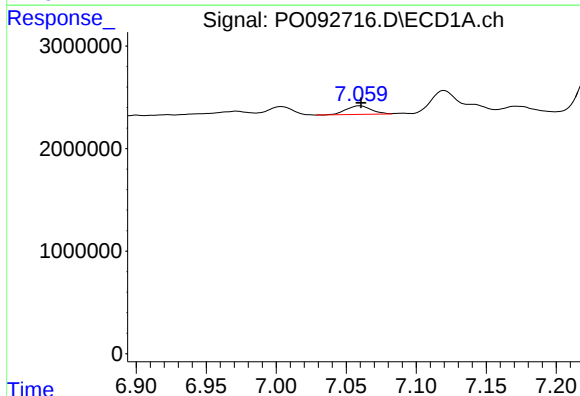
R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 2258341
Conc: 13.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



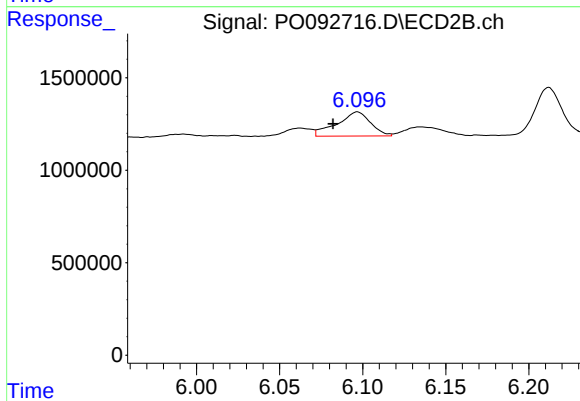
#27 AR-1254-2

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 1074448
Conc: 17.13 ng/ml



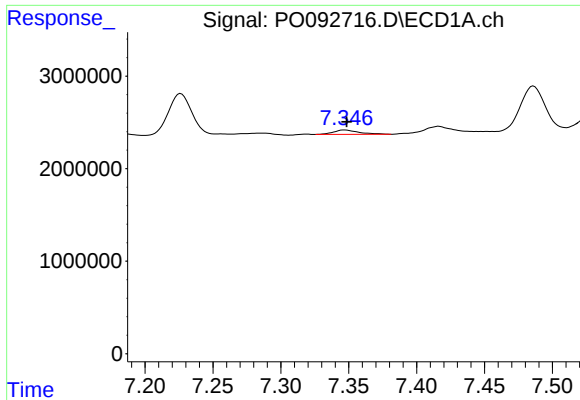
#28 AR-1254-3

R.T.: 7.060 min
Delta R.T.: -0.001 min
Response: 1038017
Conc: 6.34 ng/ml



#28 AR-1254-3

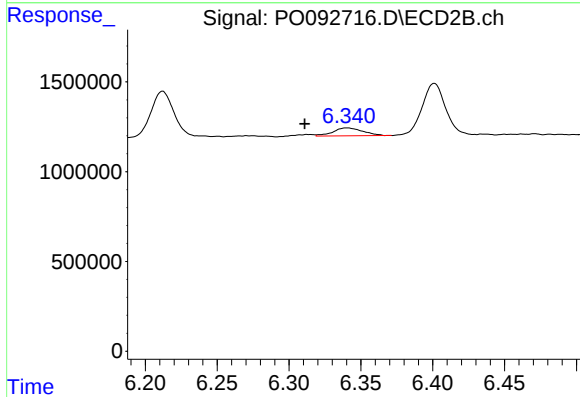
R.T.: 6.097 min
Delta R.T.: 0.015 min
Response: 1840574
Conc: 19.09 ng/ml



#29 AR-1254-4

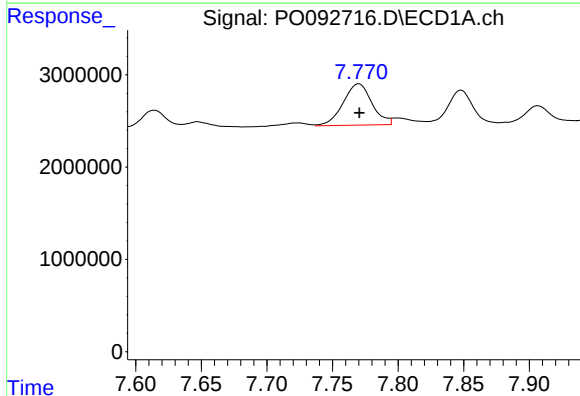
R.T.: 7.347 min
Delta R.T.: -0.001 min
Response: 608526
Conc: 5.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



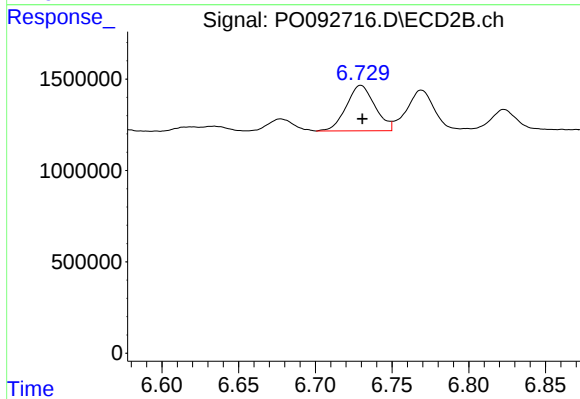
#29 AR-1254-4

R.T.: 6.340 min
Delta R.T.: 0.030 min
Response: 641210
Conc: 12.43 ng/ml



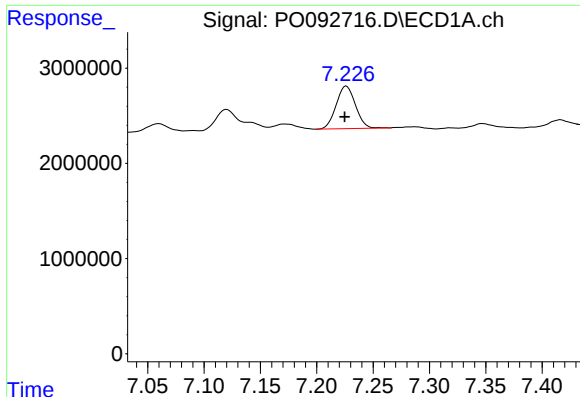
#30 AR-1254-5

R.T.: 7.770 min
Delta R.T.: 0.000 min
Response: 6844073
Conc: 55.82 ng/ml



#30 AR-1254-5

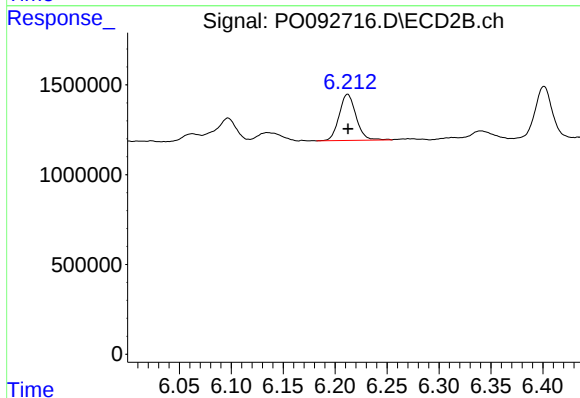
R.T.: 6.730 min
Delta R.T.: -0.001 min
Response: 3231435
Conc: 39.80 ng/ml



#31 AR-1260-1

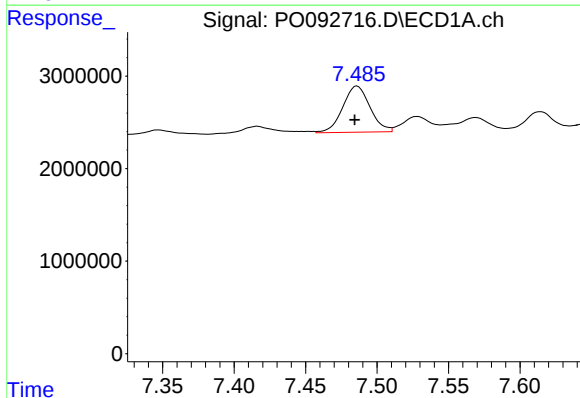
R.T.: 7.226 min
Delta R.T.: 0.002 min
Response: 5323887
Conc: 43.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



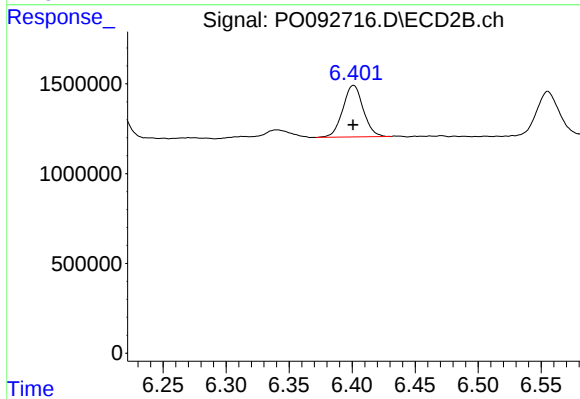
#31 AR-1260-1

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 2921410
Conc: 42.88 ng/ml



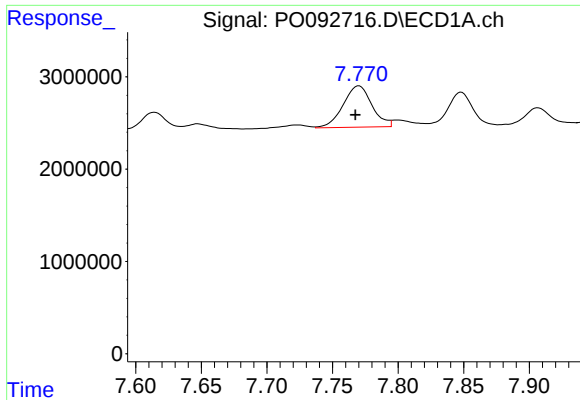
#32 AR-1260-2

R.T.: 7.486 min
Delta R.T.: 0.002 min
Response: 6622925
Conc: 45.06 ng/ml



#32 AR-1260-2

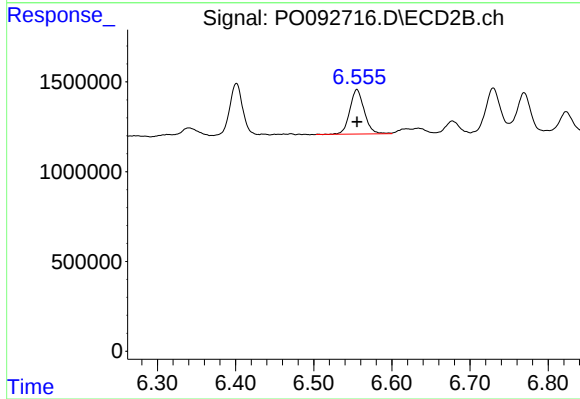
R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 3238240
Conc: 40.29 ng/ml



#33 AR-1260-3

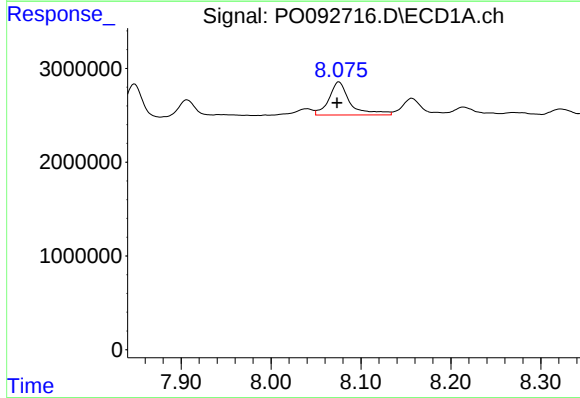
R.T.: 7.770 min
Delta R.T.: 0.003 min
Response: 6844073
Conc: 43.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



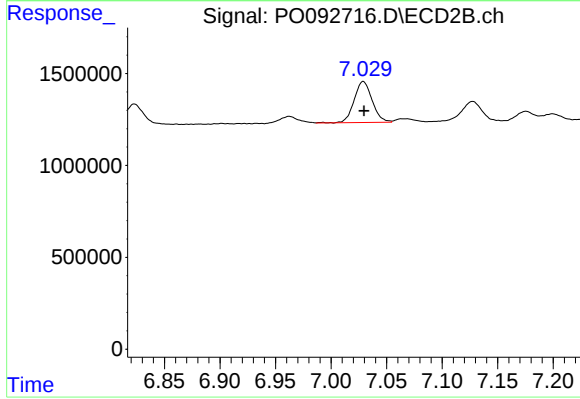
#33 AR-1260-3

R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 3171563
Conc: 39.29 ng/ml



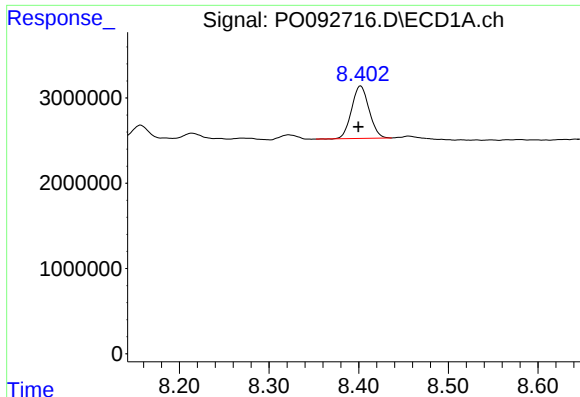
#34 AR-1260-4

R.T.: 8.076 min
Delta R.T.: 0.002 min
Response: 5787421
Conc: 49.41 ng/ml



#34 AR-1260-4

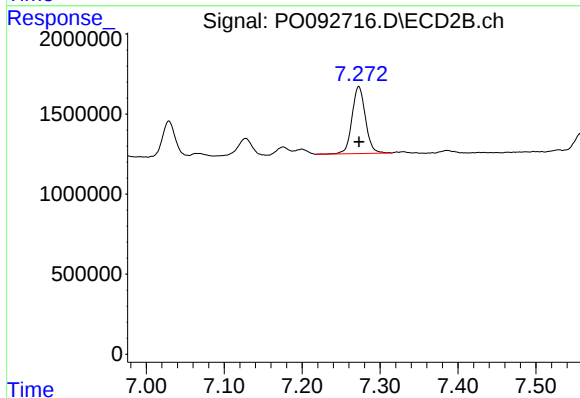
R.T.: 7.029 min
Delta R.T.: 0.000 min
Response: 2513494
Conc: 41.29 ng/ml



#35 AR-1260-5

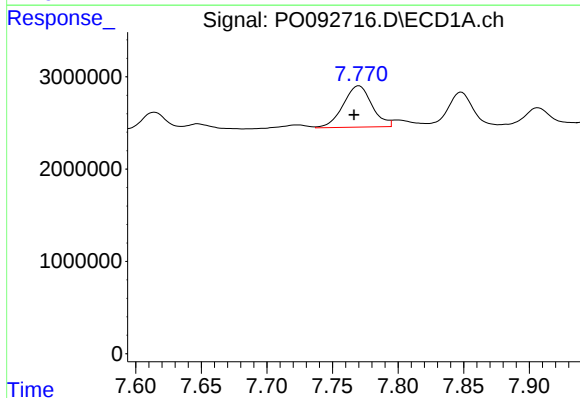
R.T.: 8.402 min
Delta R.T.: 0.002 min
Response: 8319252
Conc: 40.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



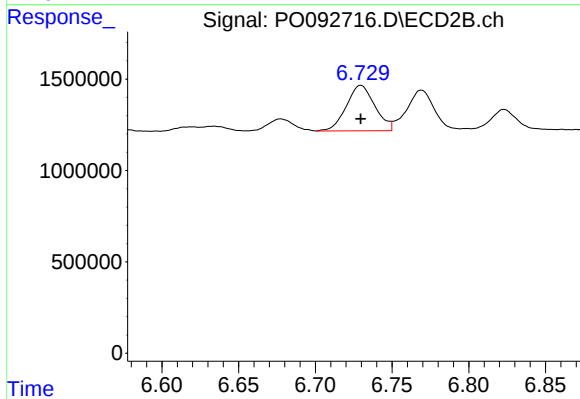
#35 AR-1260-5

R.T.: 7.273 min
Delta R.T.: 0.000 min
Response: 5016582
Conc: 39.29 ng/ml



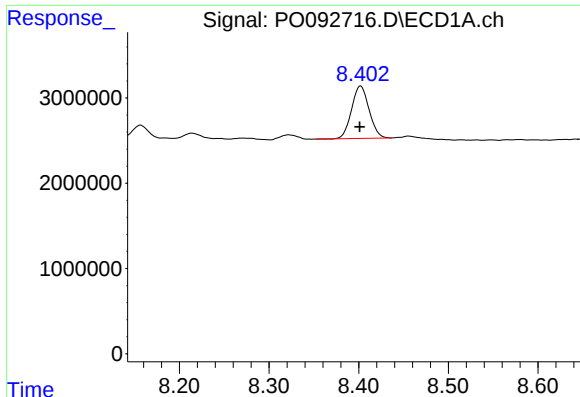
#36 AR-1262-1

R.T.: 7.770 min
Delta R.T.: 0.004 min
Response: 6844073
Conc: 71.01 ng/ml



#36 AR-1262-1

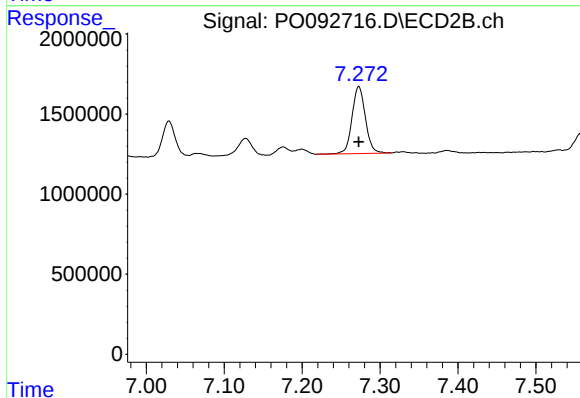
R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 3231435
Conc: 77.31 ng/ml



#37 AR-1262-2

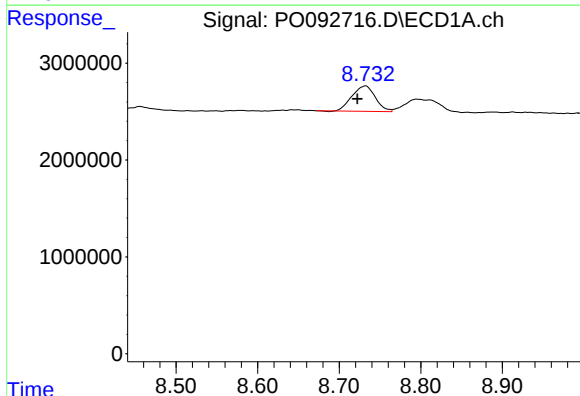
R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 8319252
Conc: 35.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



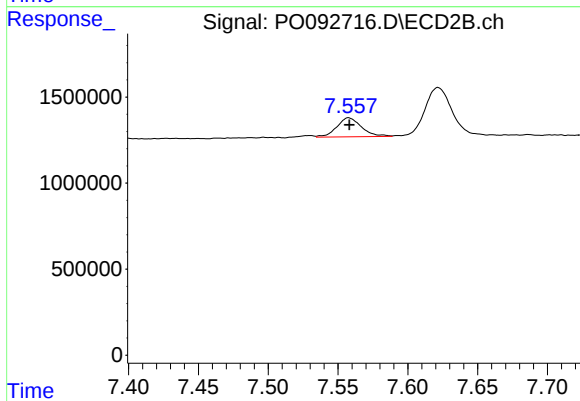
#37 AR-1262-2

R.T.: 7.273 min
Delta R.T.: 0.000 min
Response: 5016582
Conc: 38.01 ng/ml



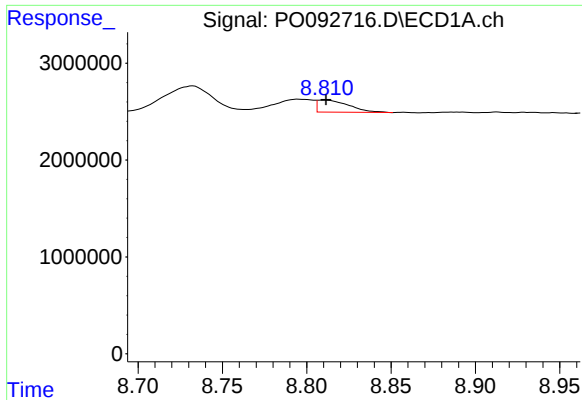
#38 AR-1262-3

R.T.: 8.733 min
Delta R.T.: 0.010 min
Response: 5196303
Conc: 30.99 ng/ml



#38 AR-1262-3

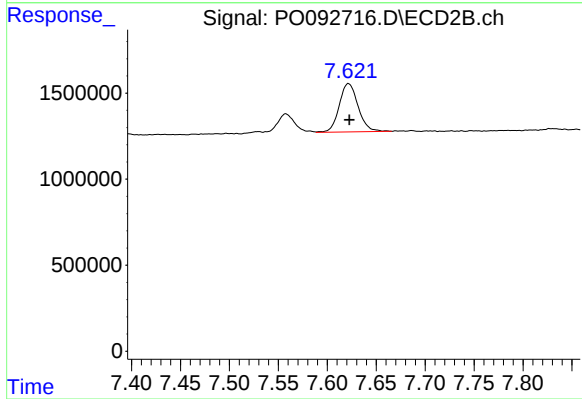
R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 1354651
Conc: 23.52 ng/ml



#39 AR-1262-4

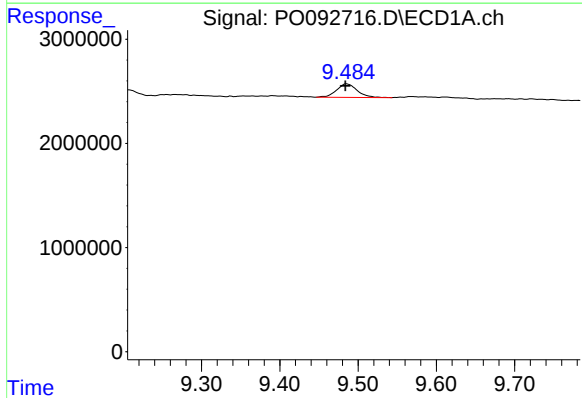
R.T.: 8.811 min
Delta R.T.: 0.000 min
Response: 1636432
Conc: 11.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



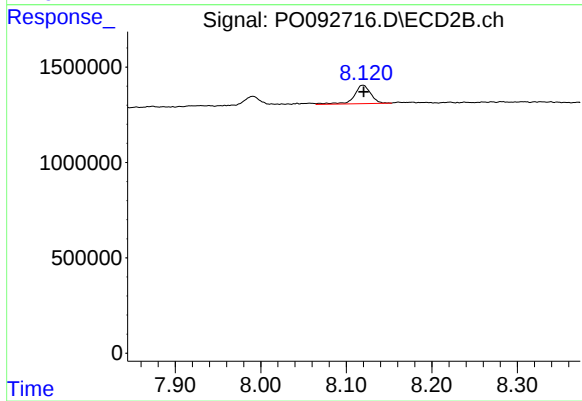
#39 AR-1262-4

R.T.: 7.622 min
Delta R.T.: 0.000 min
Response: 3764753
Conc: 37.51 ng/ml



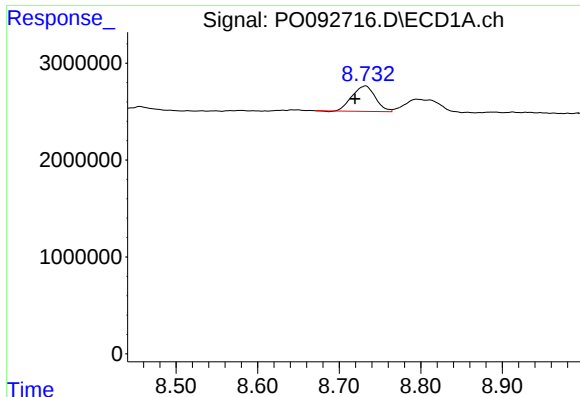
#40 AR-1262-5

R.T.: 9.485 min
Delta R.T.: 0.001 min
Response: 2387589
Conc: 27.61 ng/ml



#40 AR-1262-5

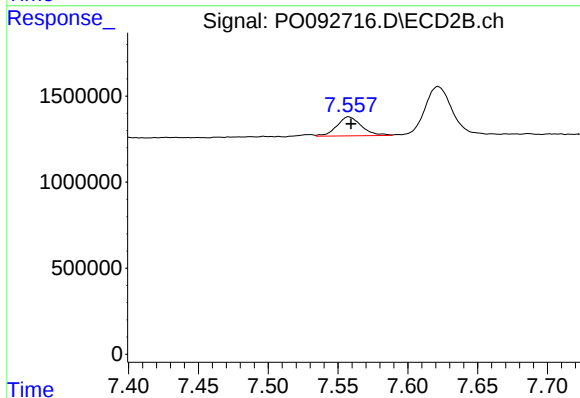
R.T.: 8.119 min
Delta R.T.: 0.000 min
Response: 1304049
Conc: 28.41 ng/ml



#41 AR-1268-1

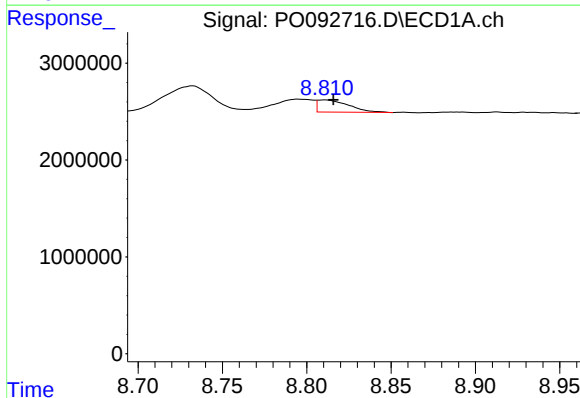
R.T.: 8.733 min
Delta R.T.: 0.013 min
Response: 5196303
Conc: 16.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



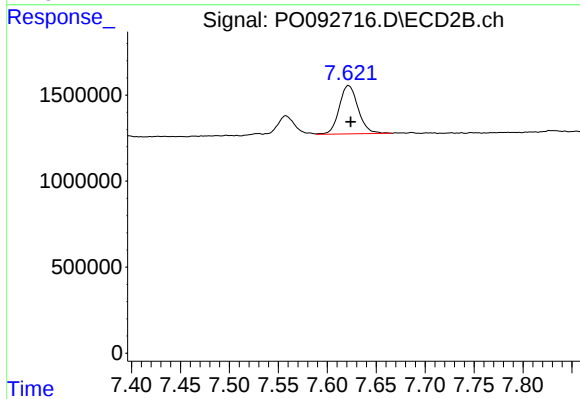
#41 AR-1268-1

R.T.: 7.558 min
Delta R.T.: -0.002 min
Response: 1354651
Conc: 7.88 ng/ml



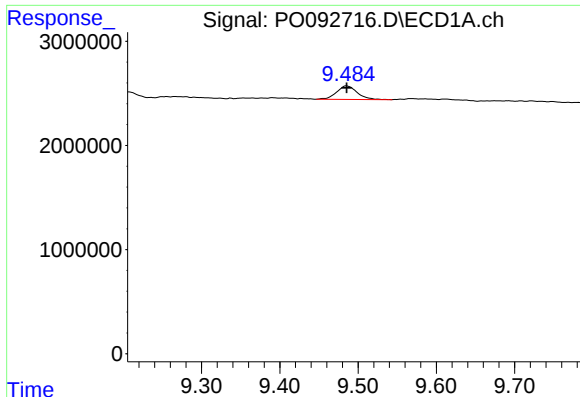
#42 AR-1268-2

R.T.: 8.811 min
Delta R.T.: -0.005 min
Response: 1636432
Conc: 5.53 ng/ml



#42 AR-1268-2

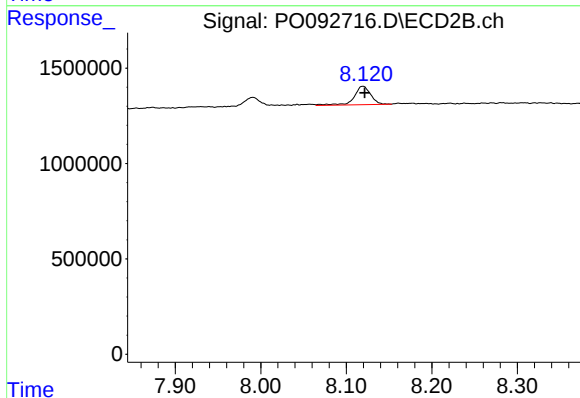
R.T.: 7.622 min
Delta R.T.: -0.002 min
Response: 3764753
Conc: 24.73 ng/ml



#44 AR-1268-4

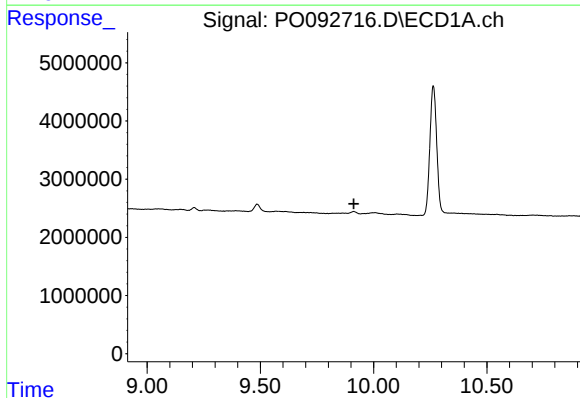
R.T.: 9.485 min
Delta R.T.: 0.000 min
Response: 2387589
Conc: 25.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



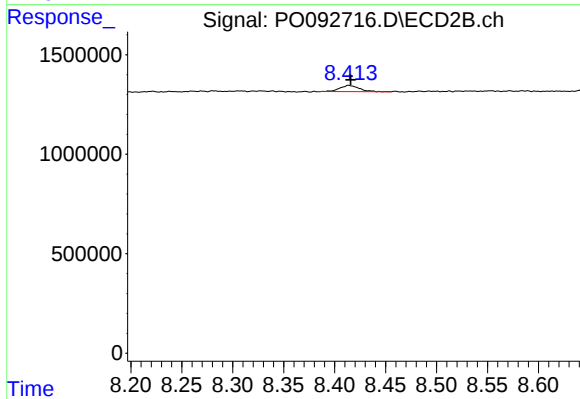
#44 AR-1268-4

R.T.: 8.119 min
Delta R.T.: -0.002 min
Response: 1304049
Conc: 24.13 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.912 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.414 min
Delta R.T.: -0.002 min
Response: 406958
Conc: 1.11 ng/ml