

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0041125\
 Data File : P0110401.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2025 17:39
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 00:18:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0041025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 11 02:12:41 2025
 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...	3.688	3.684	470.4E6	260.8E6	53.764	52.272
2)	SA Decachlor...	8.732	8.685	408.6E6	95901004	51.754	49.819
Target Compounds							
3)	L1 AR-1016-1	4.779	4.765	6399309	3806165	19.502	21.686
4)	L1 AR-1016-2	4.797	4.784	5048605	3085382	11.097	12.270
5)	L1 AR-1016-3	4.854	4.961	4588580	1805836	14.227	13.306
6)	L1 AR-1016-4	4.975	5.001	3910453	38037882	15.694	332.592 #
7)	L1 AR-1016-5	5.233	5.214	109.4E6	63572381	406.859	426.449
8)	L2 AR-1221-1	3.900	3.902	678104	361443	5.745	5.413
9)	L2 AR-1221-2	3.989	3.983	7576872	4424295	85.766	88.316
10)	L2 AR-1221-3	4.063	4.055	2094003	1162150	7.958	7.791
11)	L3 AR-1232-1	4.063	4.055	2094003	1162150	10.223	10.104
12)	L3 AR-1232-2	4.559	4.784	1968386	3085382	18.446	27.829 #
13)	L3 AR-1232-3	4.797	4.961	5048605	1805836	25.271	31.569
14)	L3 AR-1232-4	4.975	5.042	3910453	21160005	38.226	392.191 #
15)	L3 AR-1232-5	5.017	5.214	62436350	63572381	906.157	1112.652
16)	L4 AR-1242-1	4.779	4.765	6399309	3806165	23.058	25.459
17)	L4 AR-1242-2	4.797	4.784	5048605	3085382	13.087	14.461
18)	L4 AR-1242-3	4.854	4.961	4588580	1805836	16.494	15.624
19)	L4 AR-1242-4	4.975	5.042	3910453	21160005	18.501	176.188 #
20)	L4 AR-1242-5	5.627	5.565	69246692	180.3E6	305.869	1242.652 #
21)	L5 AR-1248-1	4.779	4.765	6399309	3806165	30.067	33.059
22)	L5 AR-1248-2	5.017	5.001	62436350	38037882	210.987	233.529
23)	L5 AR-1248-3	5.233	5.042	109.4E6	21160005	295.841	120.326 #
24)	L5 AR-1248-4	5.586	5.214	341.7E6	63572381	657.001	312.121 #
25)	L5 AR-1248-5	5.627	5.605	69246692	33328322	187.444	168.840
26)	L6 AR-1254-1	5.586	5.565	341.7E6	180.3E6	612.307	598.028
27)	L6 AR-1254-2	5.735	5.713	292.7E6	150.2E6	602.688	567.638
28)	L6 AR-1254-3	6.140	6.115	433.2E6	211.8E6	553.150	524.947
29)	L6 AR-1254-4	6.370	6.343	270.3E6	120.4E6	554.384	524.226
30)	L6 AR-1254-5	6.789	6.760	375.3E6	170.2E6	535.525	512.130
31)	L7 AR-1260-1	6.272	6.246	234.0E6	102.9E6	495.353	418.233
32)	L7 AR-1260-2	6.461	6.433	183.0E6	78556758	312.054	269.260
33)	L7 AR-1260-3	6.859	6.585	36544375	80659328	74.146	297.763 #
34)	L7 AR-1260-4	7.089	7.057	23590329	8157814	55.582	40.659 #
35)	L7 AR-1260-5	7.330	7.297	43777405	18706508	41.954	40.768
36)	L8 AR-1262-1	6.859	6.829	36544375	15180266	52.098	46.093
37)	L8 AR-1262-2	7.330	7.297	43777405	18706508	36.247	36.791
38)	L8 AR-1262-3	7.620	7.585	11004506	6035067	21.615	31.168 #
39)	L8 AR-1262-4	7.675	7.641	45795859	20526629	51.096	59.145
40)	L8 AR-1262-5	8.175	8.135	1956875	466552	4.856	3.745
41)	L9 AR-1268-1	7.620	7.585	11004506	6035067	7.837	11.018 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0041125\
Data File : P0110401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 17:39
Operator : YP/AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

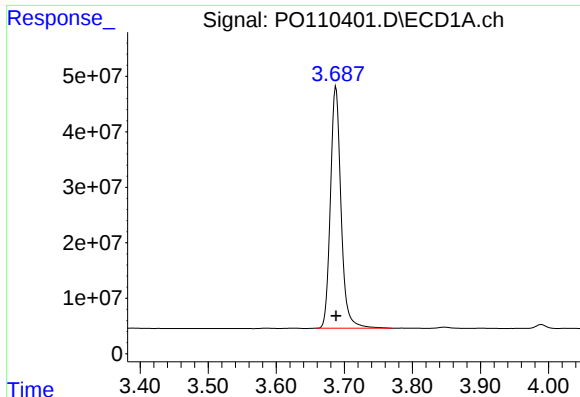
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:18:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
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
42)	L9 AR-1268-2	7.675	7.641	45795859	20526629	35.785	41.260
43)	L9 AR-1268-3	7.886	7.851	1461733	405233	1.402	1.091
44)	L9 AR-1268-4	8.175	8.135	1956875	466552	4.406	3.306
45)	L9 AR-1268-5	8.472	8.428	3500023	829665	1.087	1.054

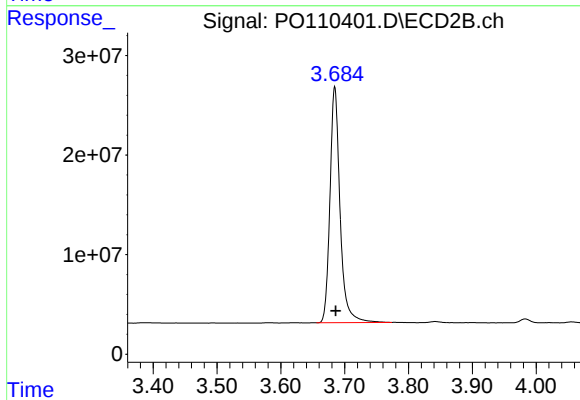
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

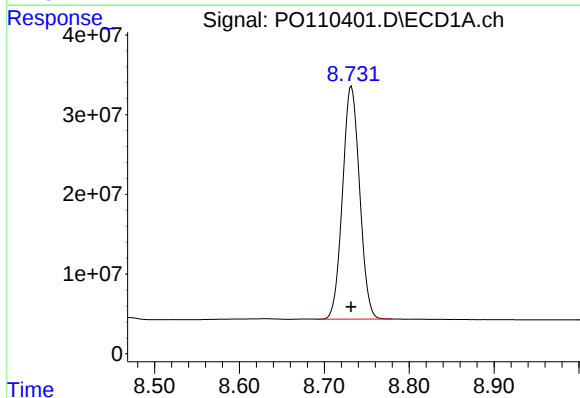
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 470383582
Conc: 53.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



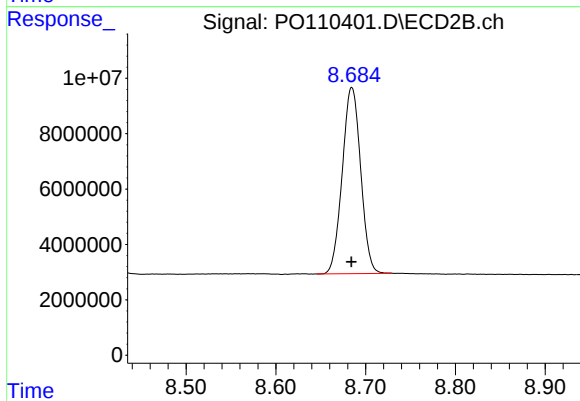
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: -0.001 min
Response: 260827092
Conc: 52.27 ng/ml



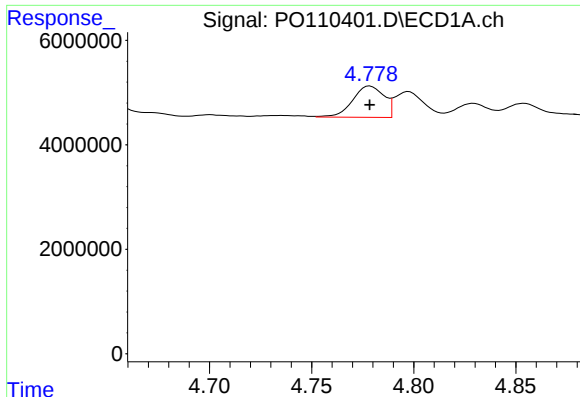
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 408591802
Conc: 51.75 ng/ml



#2 Decachlorobiphenyl

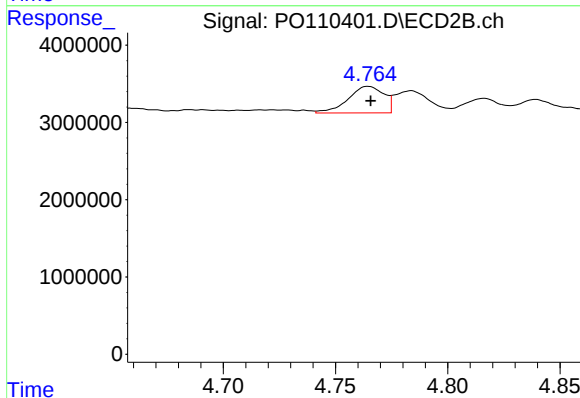
R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 95901004
Conc: 49.82 ng/ml



#3 AR-1016-1

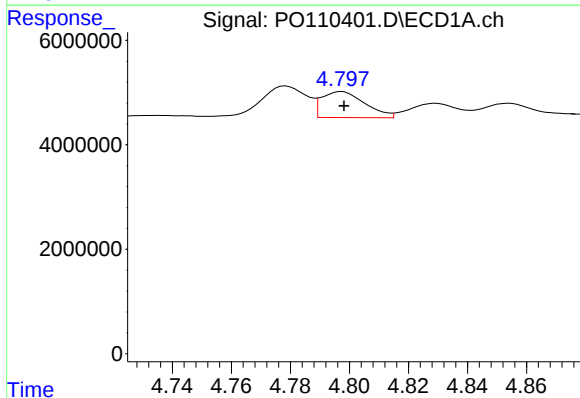
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 6399309
Conc: 19.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



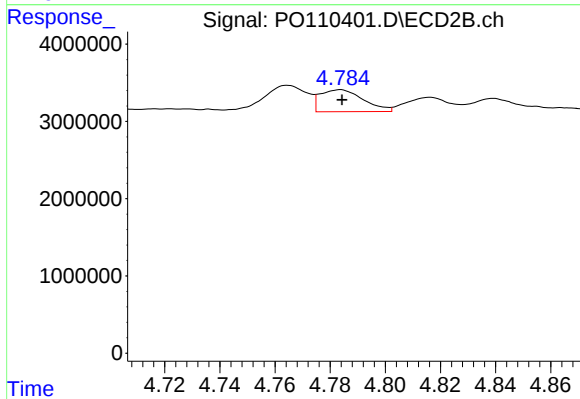
#3 AR-1016-1

R.T.: 4.765 min
Delta R.T.: -0.001 min
Response: 3806165
Conc: 21.69 ng/ml



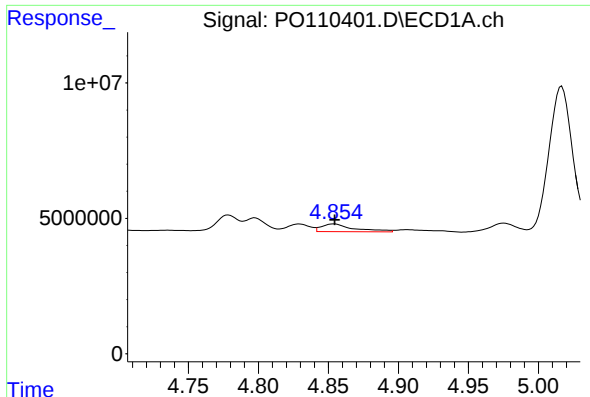
#4 AR-1016-2

R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 5048605
Conc: 11.10 ng/ml



#4 AR-1016-2

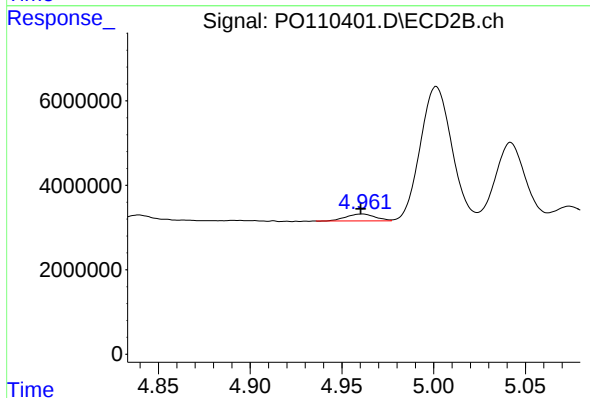
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 3085382
Conc: 12.27 ng/ml



#5 AR-1016-3

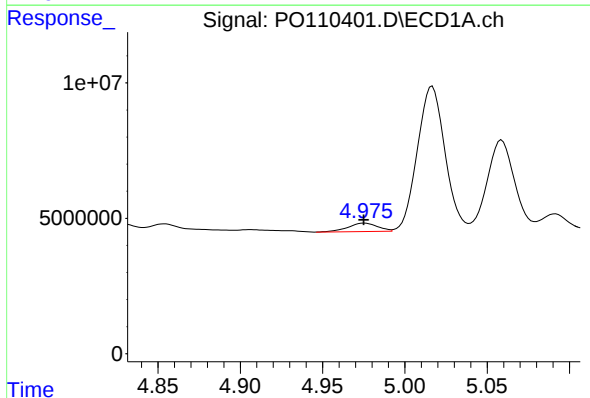
R.T.: 4.854 min
Delta R.T.: 0.000 min
Response: 4588580
Conc: 14.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



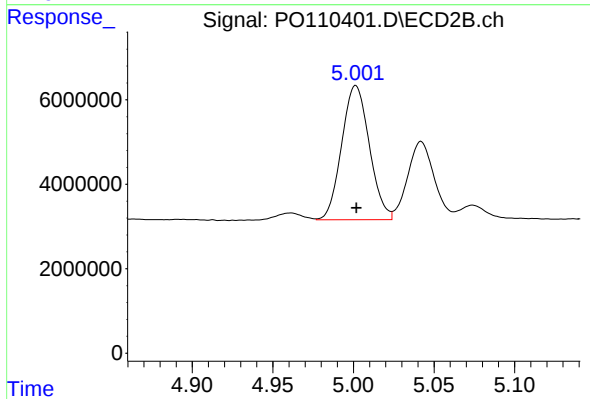
#5 AR-1016-3

R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 1805836
Conc: 13.31 ng/ml



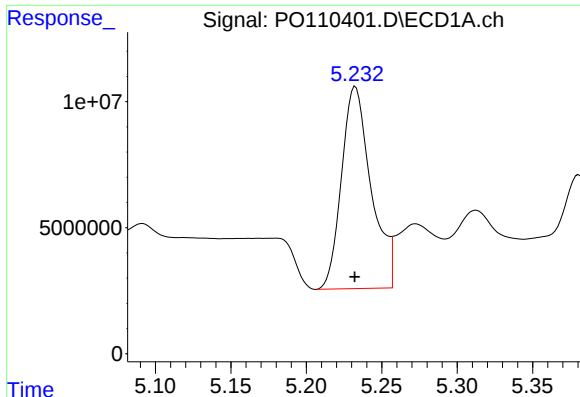
#6 AR-1016-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 3910453
Conc: 15.69 ng/ml



#6 AR-1016-4

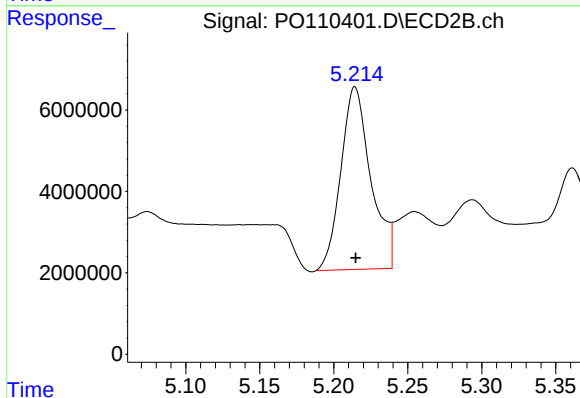
R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 38037882
Conc: 332.59 ng/ml



#7 AR-1016-5

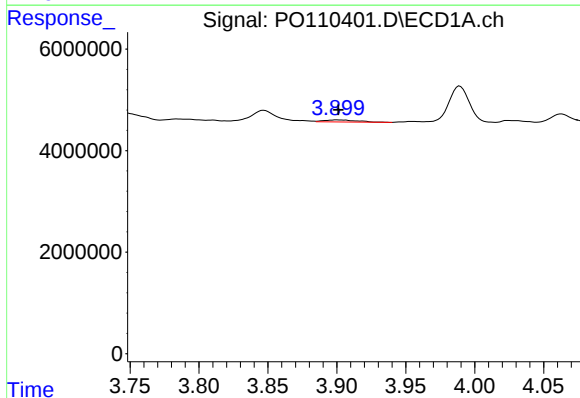
R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 109449774
Conc: 406.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



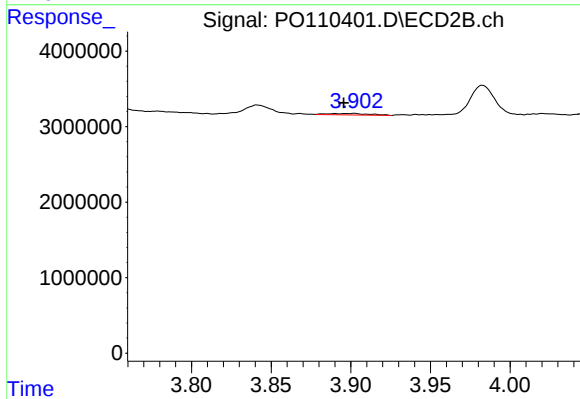
#7 AR-1016-5

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 63572381
Conc: 426.45 ng/ml



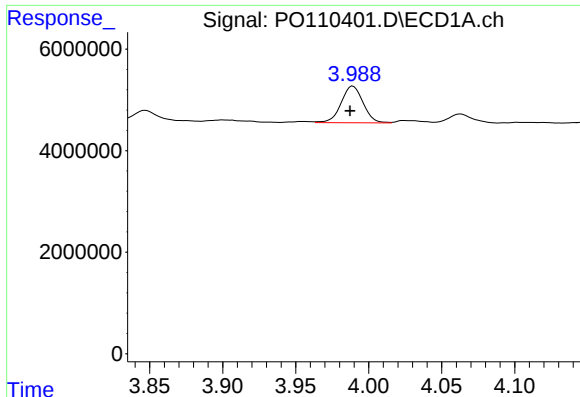
#8 AR-1221-1

R.T.: 3.900 min
Delta R.T.: -0.001 min
Response: 678104
Conc: 5.74 ng/ml



#8 AR-1221-1

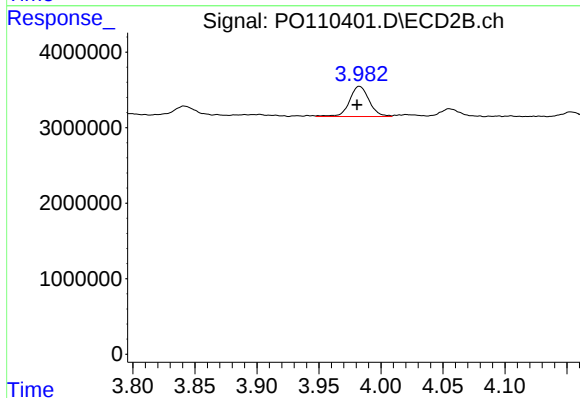
R.T.: 3.902 min
Delta R.T.: 0.007 min
Response: 361443
Conc: 5.41 ng/ml



#9 AR-1221-2

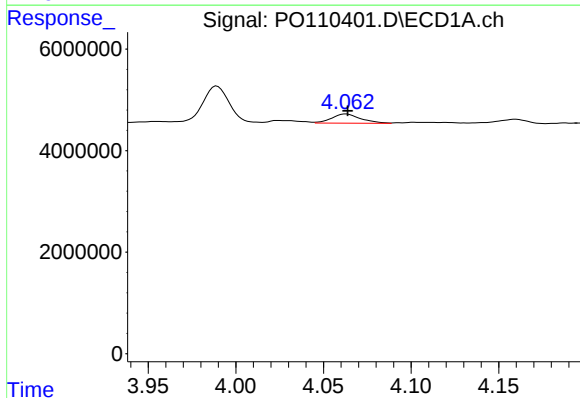
R.T.: 3.989 min
Delta R.T.: 0.002 min
Response: 7576872
Conc: 85.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



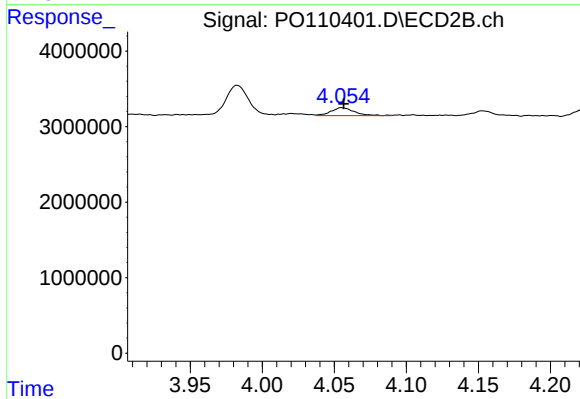
#9 AR-1221-2

R.T.: 3.983 min
Delta R.T.: 0.002 min
Response: 4424295
Conc: 88.32 ng/ml



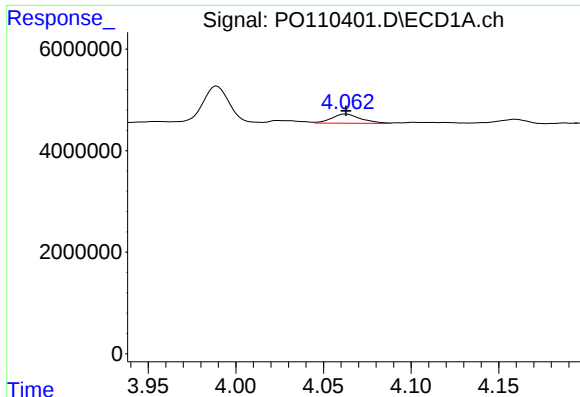
#10 AR-1221-3

R.T.: 4.063 min
Delta R.T.: 0.000 min
Response: 2094003
Conc: 7.96 ng/ml



#10 AR-1221-3

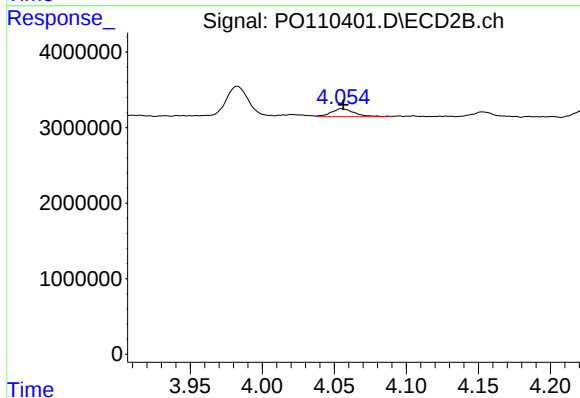
R.T.: 4.055 min
Delta R.T.: -0.001 min
Response: 1162150
Conc: 7.79 ng/ml



#11 AR-1232-1

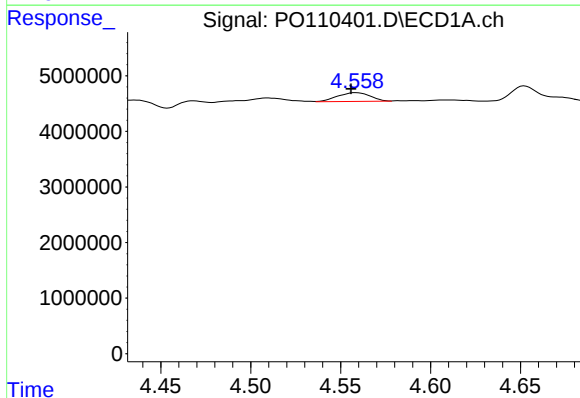
R.T.: 4.063 min
Delta R.T.: 0.000 min
Response: 2094003
Conc: 10.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



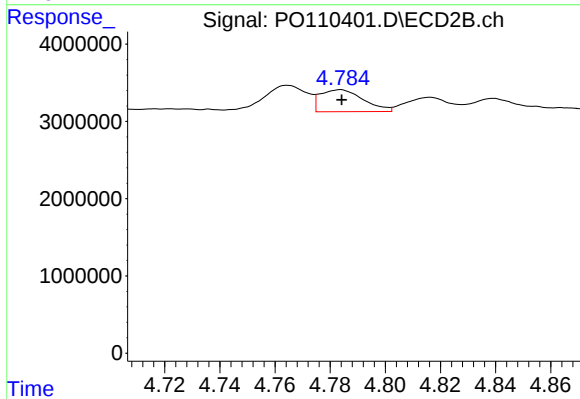
#11 AR-1232-1

R.T.: 4.055 min
Delta R.T.: -0.001 min
Response: 1162150
Conc: 10.10 ng/ml



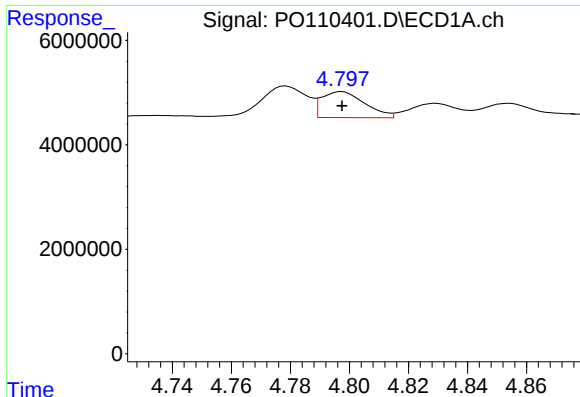
#12 AR-1232-2

R.T.: 4.559 min
Delta R.T.: 0.003 min
Response: 1968386
Conc: 18.45 ng/ml



#12 AR-1232-2

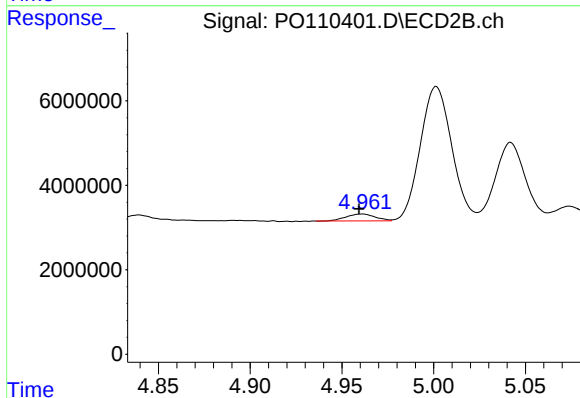
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 3085382
Conc: 27.83 ng/ml



#13 AR-1232-3

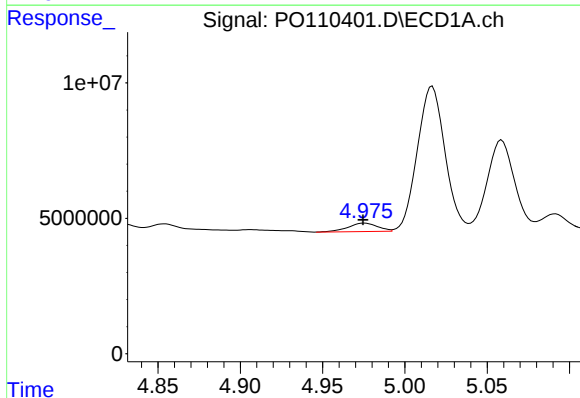
R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 5048605
Conc: 25.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



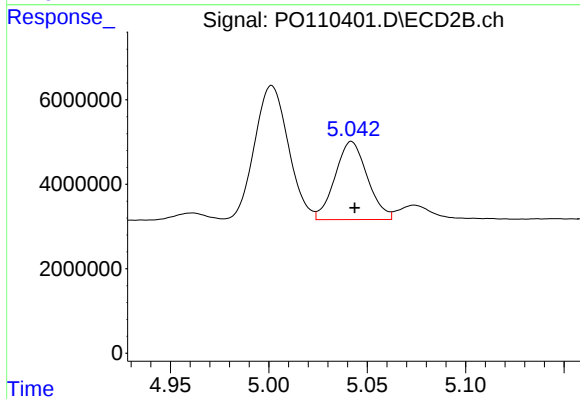
#13 AR-1232-3

R.T.: 4.961 min
Delta R.T.: 0.002 min
Response: 1805836
Conc: 31.57 ng/ml



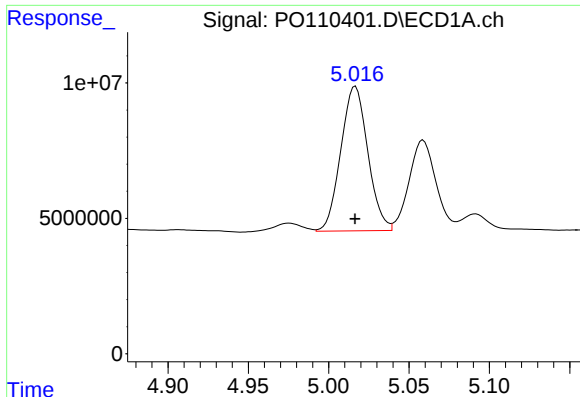
#14 AR-1232-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 3910453
Conc: 38.23 ng/ml



#14 AR-1232-4

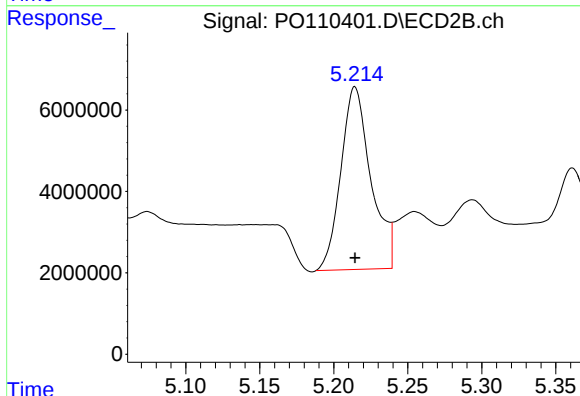
R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 21160005
Conc: 392.19 ng/ml



#15 AR-1232-5

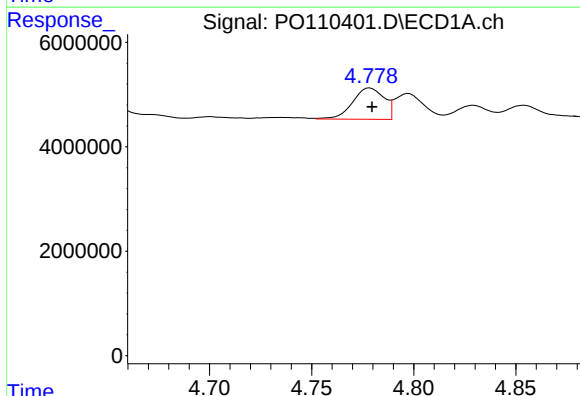
R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 62436350
Conc: 906.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



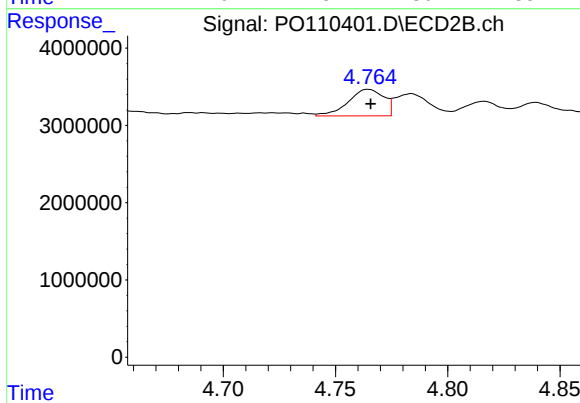
#15 AR-1232-5

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 63572381
Conc: 1112.65 ng/ml



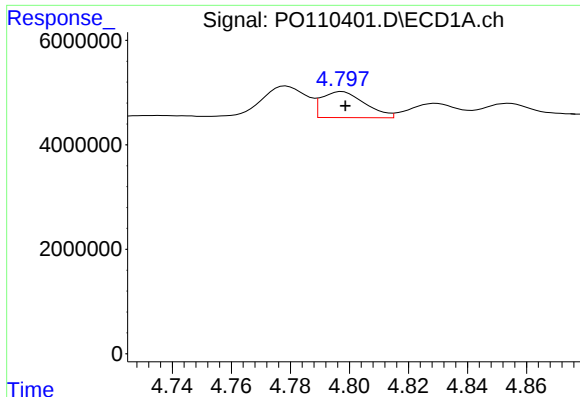
#16 AR-1242-1

R.T.: 4.779 min
Delta R.T.: -0.001 min
Response: 6399309
Conc: 23.06 ng/ml



#16 AR-1242-1

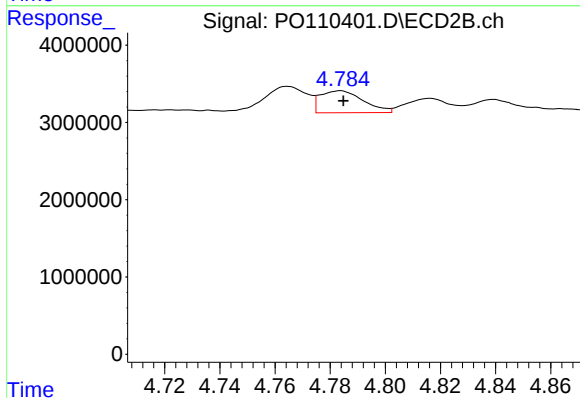
R.T.: 4.765 min
Delta R.T.: -0.001 min
Response: 3806165
Conc: 25.46 ng/ml



#17 AR-1242-2

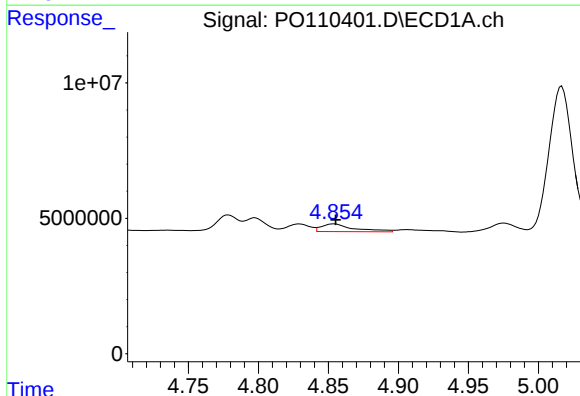
R.T.: 4.797 min
Delta R.T.: -0.001 min
Response: 5048605
Conc: 13.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



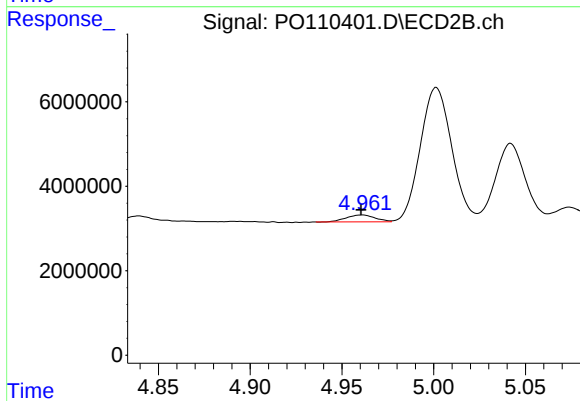
#17 AR-1242-2

R.T.: 4.784 min
Delta R.T.: -0.001 min
Response: 3085382
Conc: 14.46 ng/ml



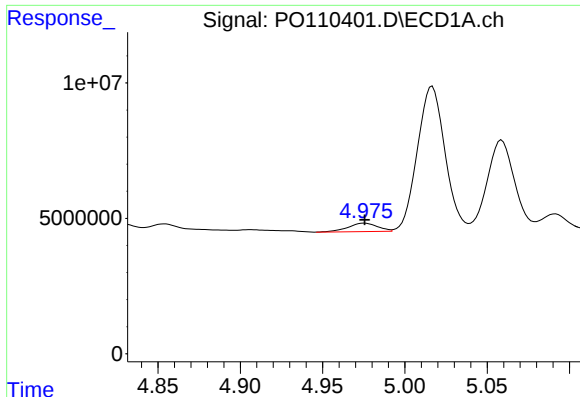
#18 AR-1242-3

R.T.: 4.854 min
Delta R.T.: 0.000 min
Response: 4588580
Conc: 16.49 ng/ml



#18 AR-1242-3

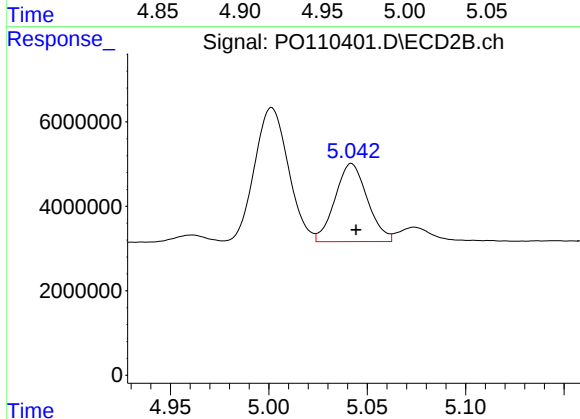
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 1805836
Conc: 15.62 ng/ml



#19 AR-1242-4

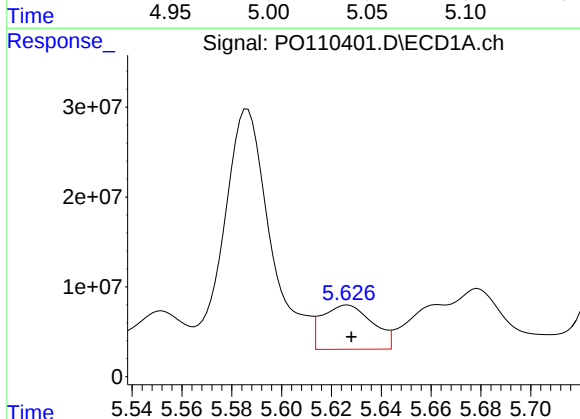
R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 3910453
Conc: 18.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



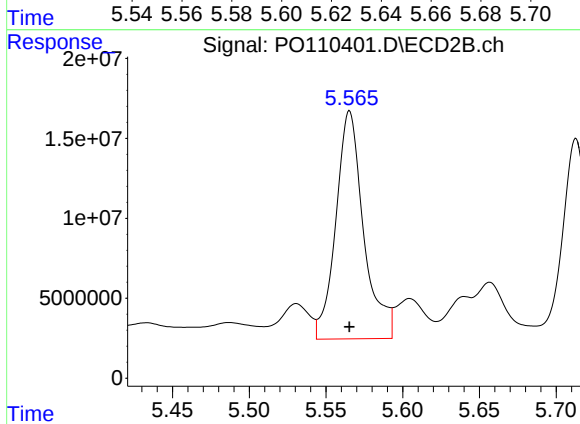
#19 AR-1242-4

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 21160005
Conc: 176.19 ng/ml



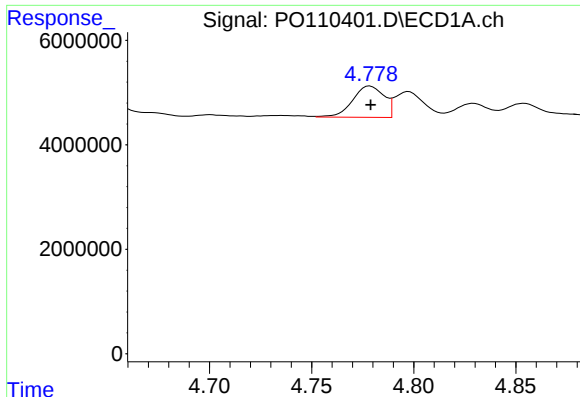
#20 AR-1242-5

R.T.: 5.627 min
Delta R.T.: -0.001 min
Response: 69246692
Conc: 305.87 ng/ml



#20 AR-1242-5

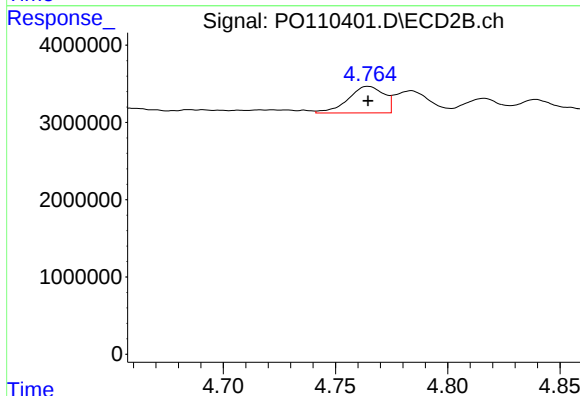
R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 180304953
Conc: 1242.65 ng/ml



#21 AR-1248-1

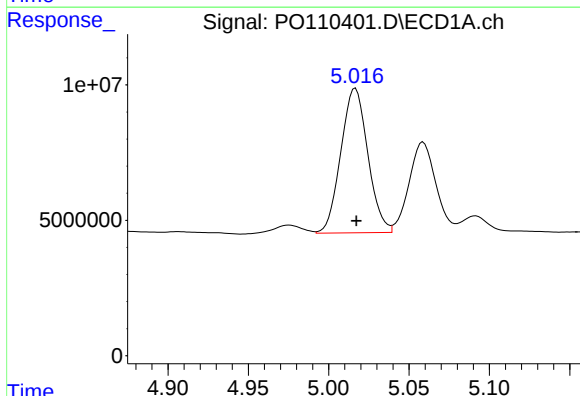
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 6399309
Conc: 30.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



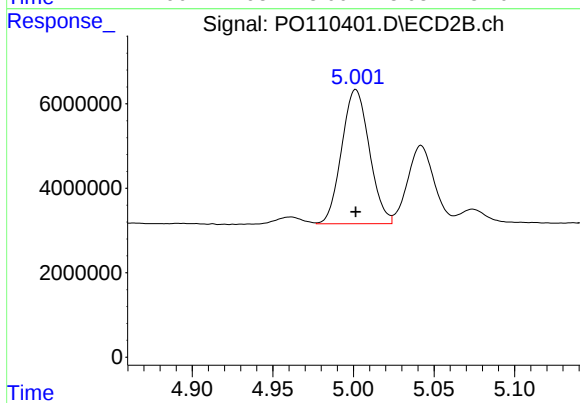
#21 AR-1248-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 3806165
Conc: 33.06 ng/ml



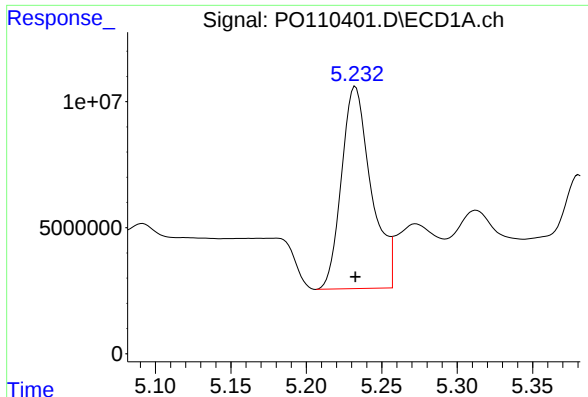
#22 AR-1248-2

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 62436350
Conc: 210.99 ng/ml



#22 AR-1248-2

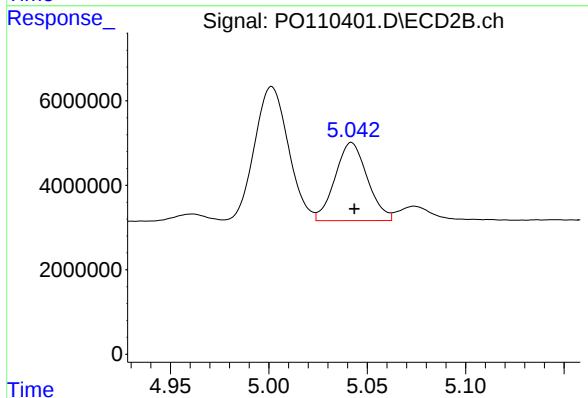
R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 38037882
Conc: 233.53 ng/ml



#23 AR-1248-3

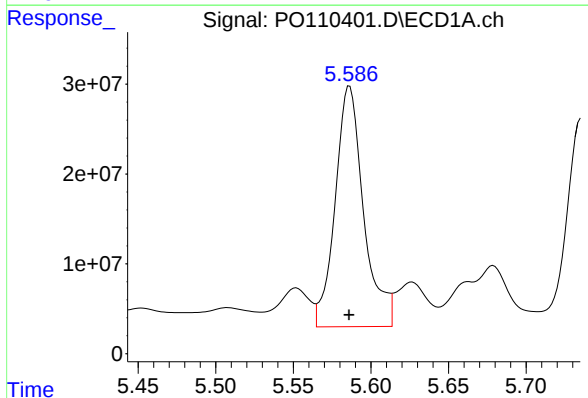
R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 109449774
Conc: 295.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



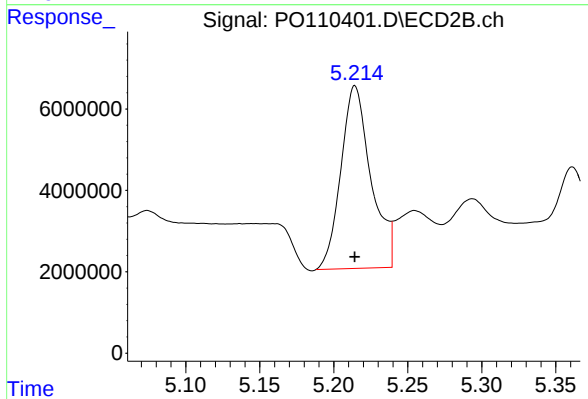
#23 AR-1248-3

R.T.: 5.042 min
Delta R.T.: -0.001 min
Response: 21160005
Conc: 120.33 ng/ml



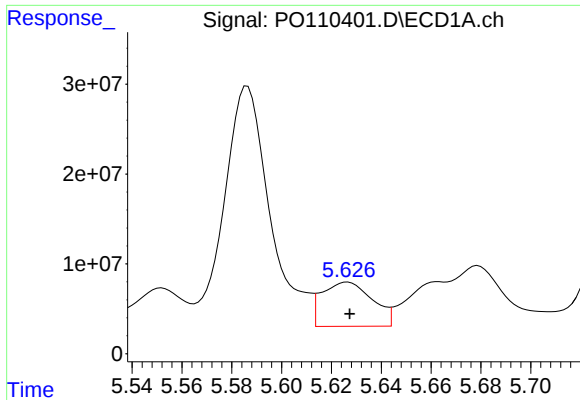
#24 AR-1248-4

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 341660764
Conc: 657.00 ng/ml



#24 AR-1248-4

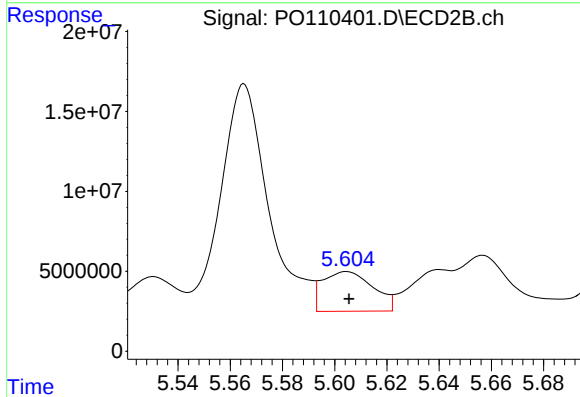
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 63572381
Conc: 312.12 ng/ml



#25 AR-1248-5

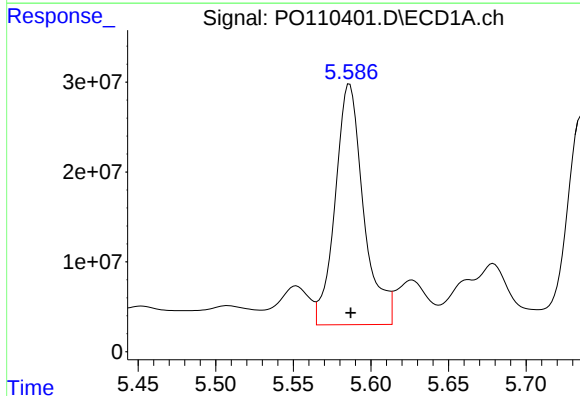
R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 69246692
Conc: 187.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



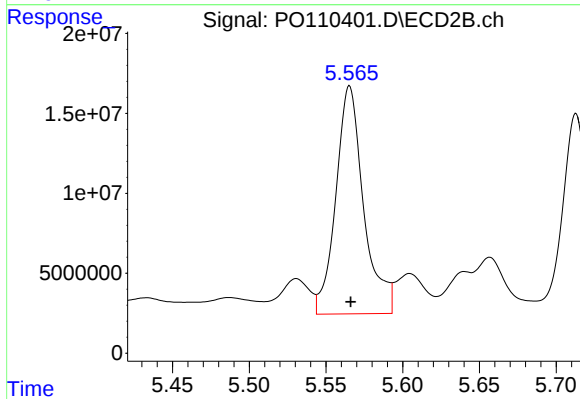
#25 AR-1248-5

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 33328322
Conc: 168.84 ng/ml



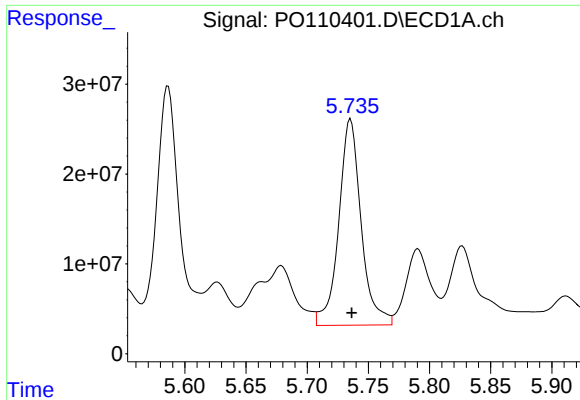
#26 AR-1254-1

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 341660764
Conc: 612.31 ng/ml



#26 AR-1254-1

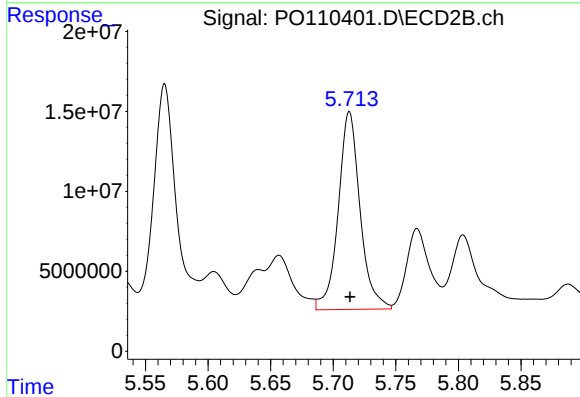
R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 180304953
Conc: 598.03 ng/ml



#27 AR-1254-2

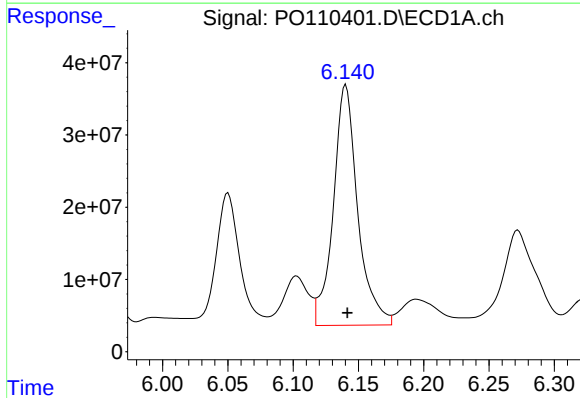
R.T.: 5.735 min
Delta R.T.: -0.001 min
Response: 292727249
Conc: 602.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



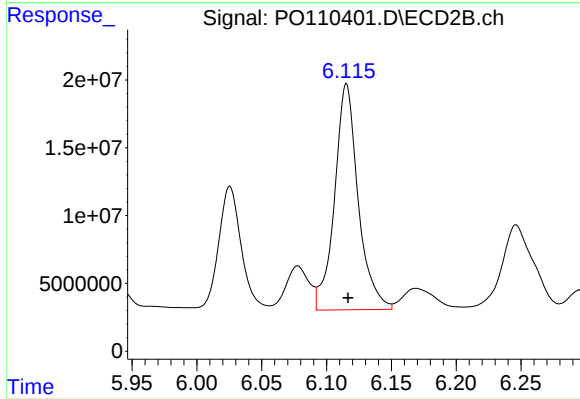
#27 AR-1254-2

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 150245578
Conc: 567.64 ng/ml



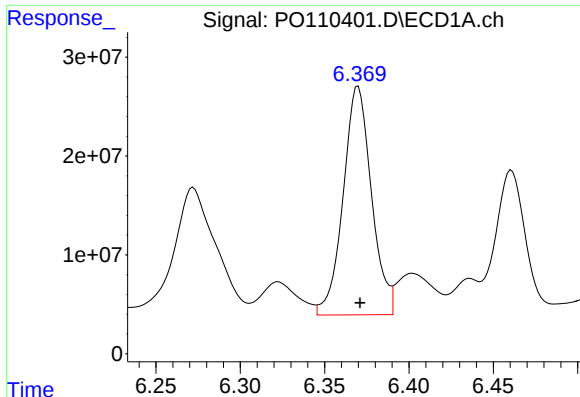
#28 AR-1254-3

R.T.: 6.140 min
Delta R.T.: -0.001 min
Response: 433239321
Conc: 553.15 ng/ml



#28 AR-1254-3

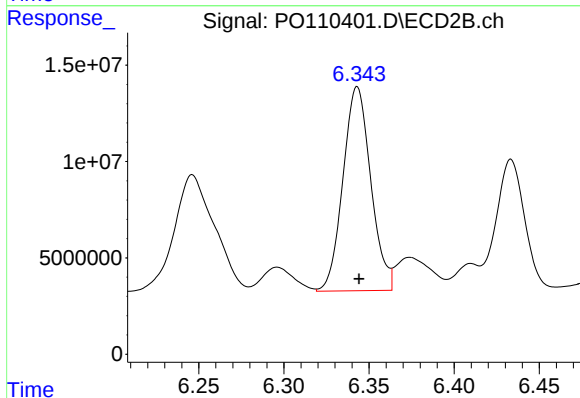
R.T.: 6.115 min
Delta R.T.: -0.001 min
Response: 211772136
Conc: 524.95 ng/ml



#29 AR-1254-4

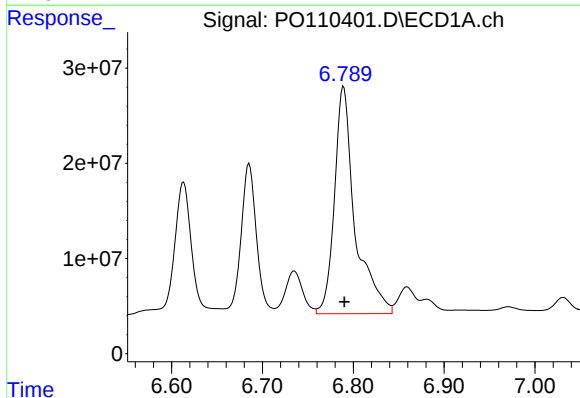
R.T.: 6.370 min
Delta R.T.: -0.001 min
Response: 270320491
Conc: 554.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



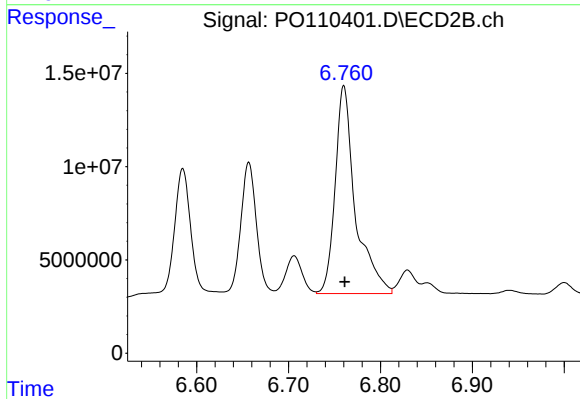
#29 AR-1254-4

R.T.: 6.343 min
Delta R.T.: -0.001 min
Response: 120421398
Conc: 524.23 ng/ml



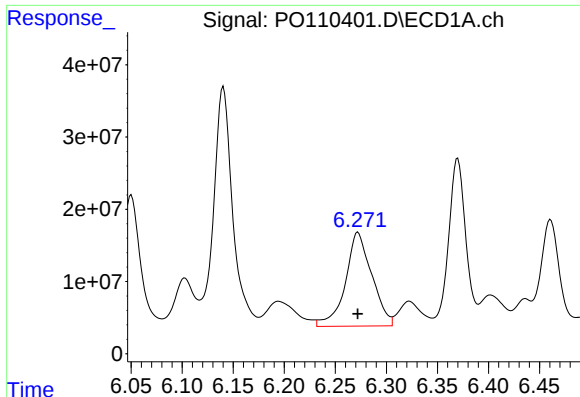
#30 AR-1254-5

R.T.: 6.789 min
Delta R.T.: -0.001 min
Response: 375349269
Conc: 535.52 ng/ml



#30 AR-1254-5

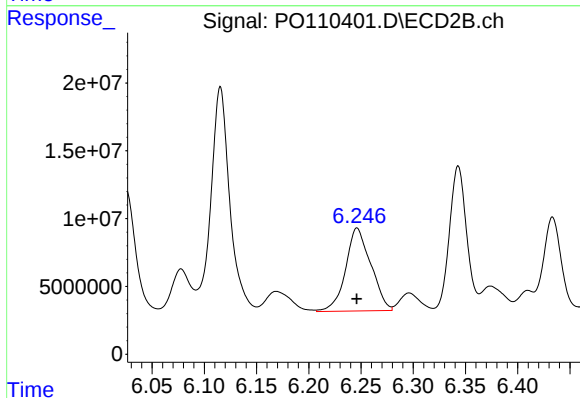
R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 170176718
Conc: 512.13 ng/ml



#31 AR-1260-1

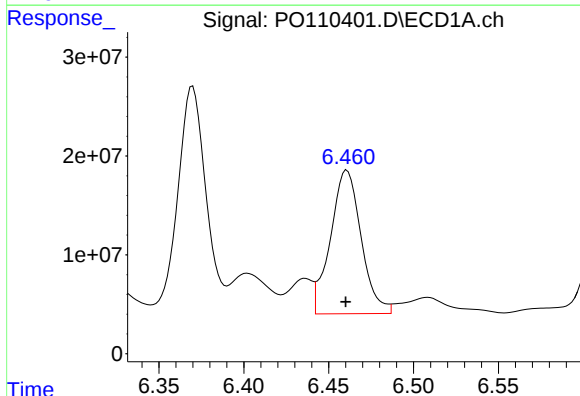
R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 234027262
Conc: 495.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



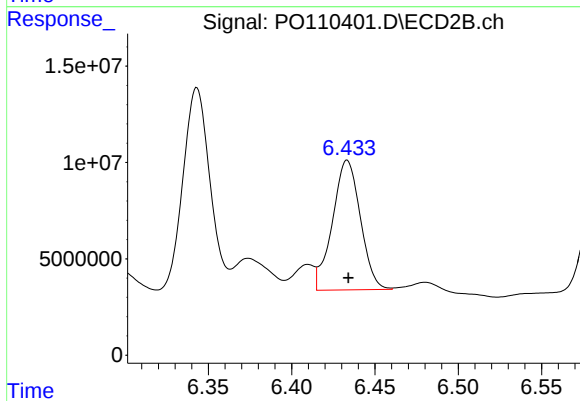
#31 AR-1260-1

R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 102870037
Conc: 418.23 ng/ml



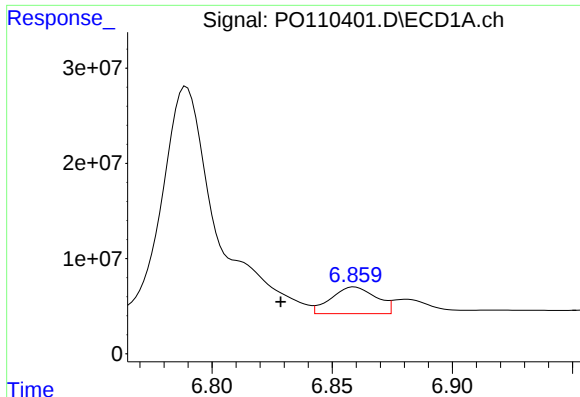
#32 AR-1260-2

R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 182996319
Conc: 312.05 ng/ml



#32 AR-1260-2

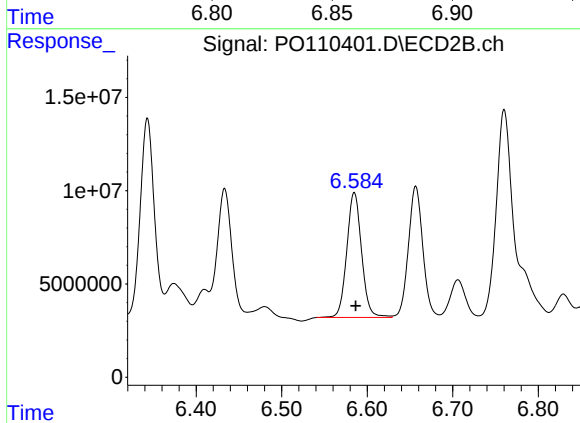
R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 78556758
Conc: 269.26 ng/ml



#33 AR-1260-3

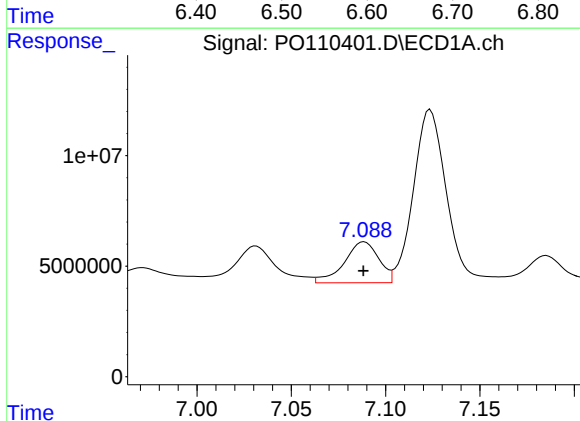
R.T.: 6.859 min
Delta R.T.: 0.031 min
Response: 36544375
Conc: 74.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



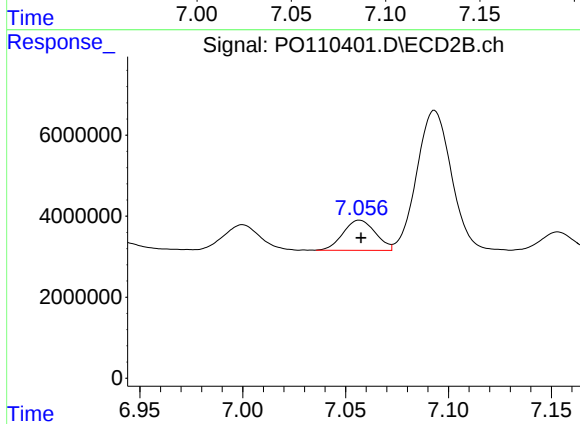
#33 AR-1260-3

R.T.: 6.585 min
Delta R.T.: -0.002 min
Response: 80659328
Conc: 297.76 ng/ml



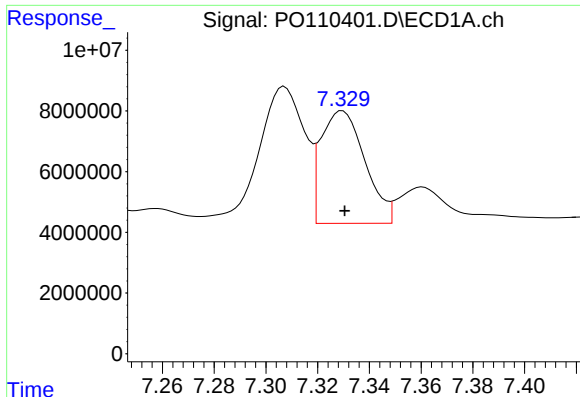
#34 AR-1260-4

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 23590329
Conc: 55.58 ng/ml



#34 AR-1260-4

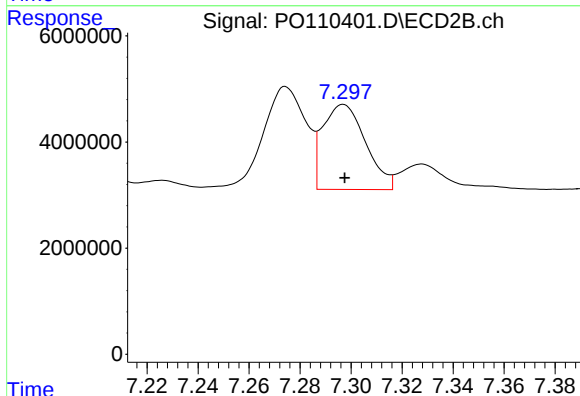
R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 8157814
Conc: 40.66 ng/ml



#35 AR-1260-5

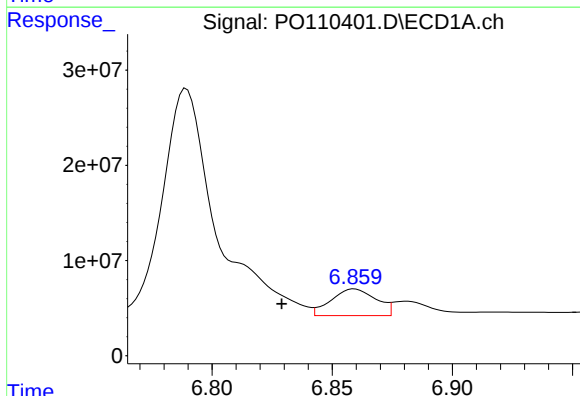
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 43777405
Conc: 41.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



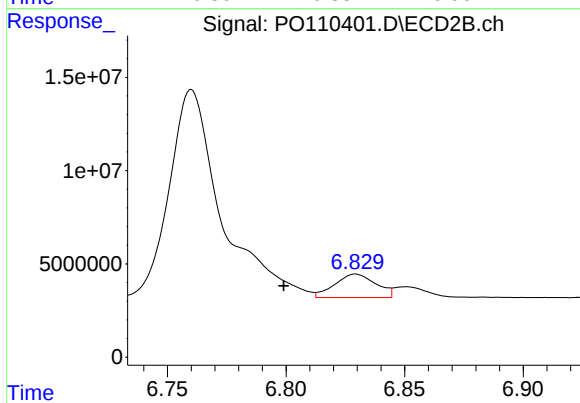
#35 AR-1260-5

R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 18706508
Conc: 40.77 ng/ml



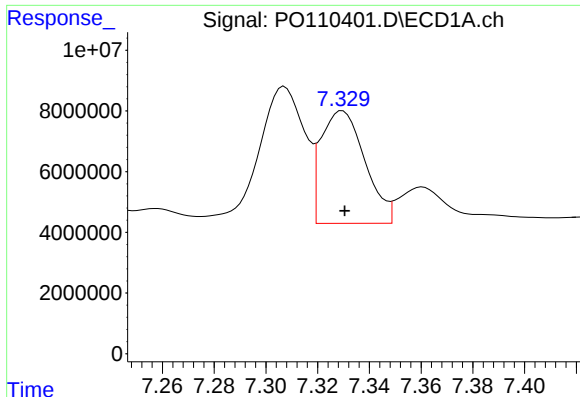
#36 AR-1262-1

R.T.: 6.859 min
Delta R.T.: 0.030 min
Response: 36544375
Conc: 52.10 ng/ml



#36 AR-1262-1

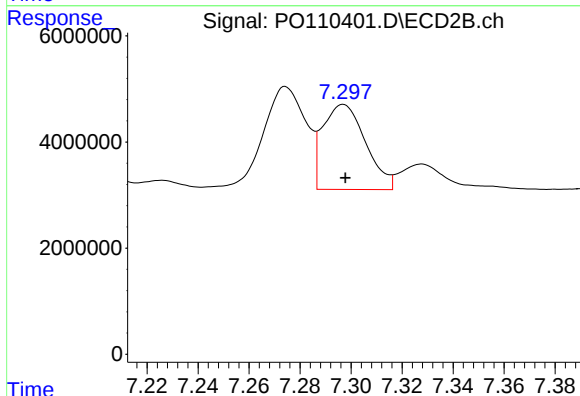
R.T.: 6.829 min
Delta R.T.: 0.030 min
Response: 15180266
Conc: 46.09 ng/ml



#37 AR-1262-2

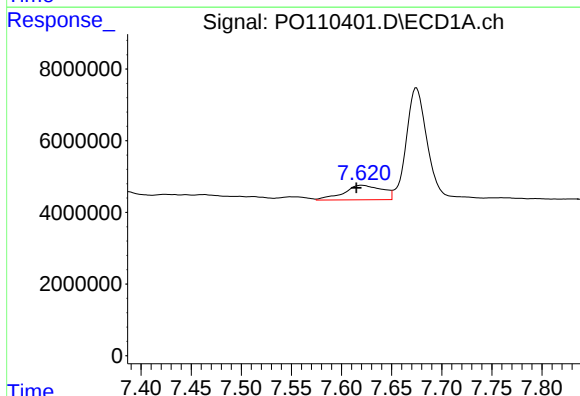
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 43777405
Conc: 36.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



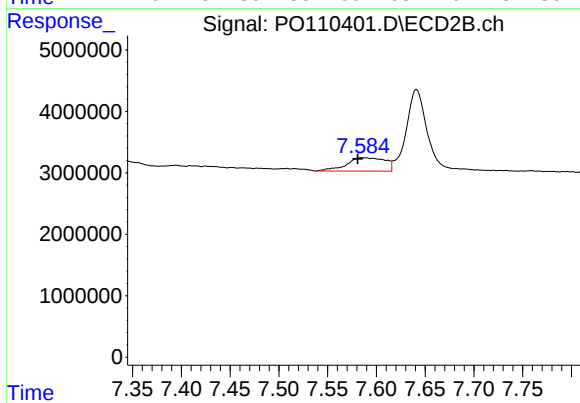
#37 AR-1262-2

R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 18706508
Conc: 36.79 ng/ml



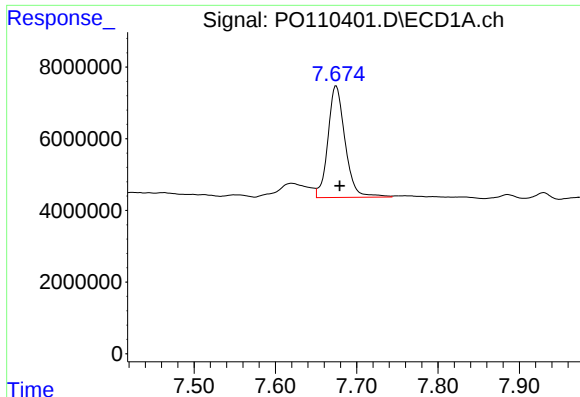
#38 AR-1262-3

R.T.: 7.620 min
Delta R.T.: 0.005 min
Response: 11004506
Conc: 21.62 ng/ml



#38 AR-1262-3

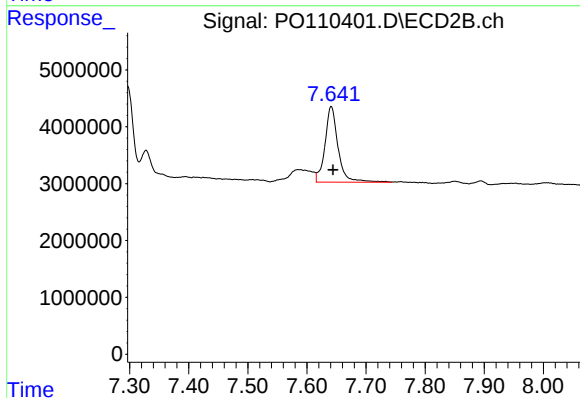
R.T.: 7.585 min
Delta R.T.: 0.005 min
Response: 6035067
Conc: 31.17 ng/ml



#39 AR-1262-4

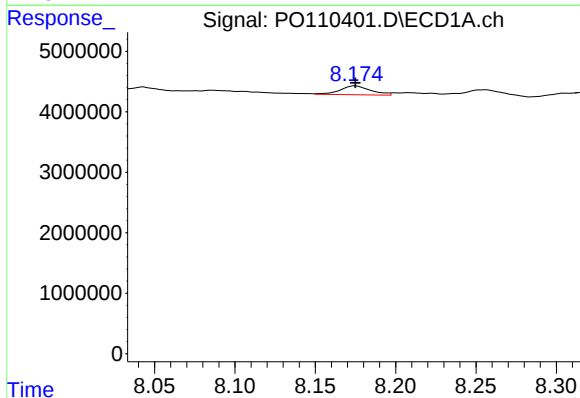
R.T.: 7.675 min
Delta R.T.: -0.004 min
Response: 45795859
Conc: 51.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



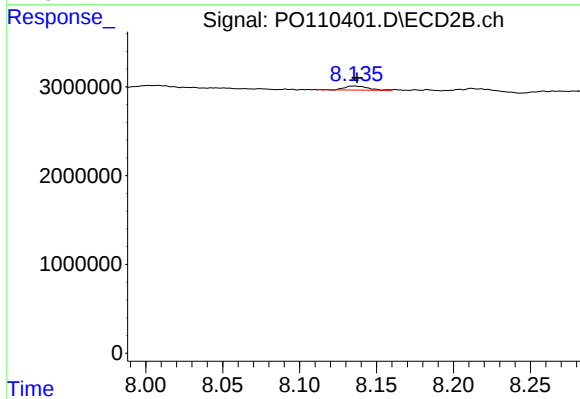
#39 AR-1262-4

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 20526629
Conc: 59.15 ng/ml



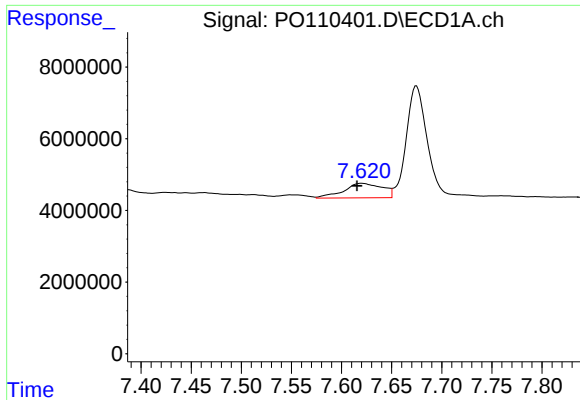
#40 AR-1262-5

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 1956875
Conc: 4.86 ng/ml



#40 AR-1262-5

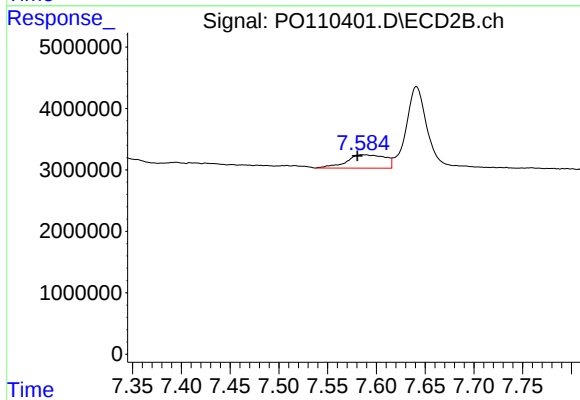
R.T.: 8.135 min
Delta R.T.: -0.002 min
Response: 466552
Conc: 3.74 ng/ml



#41 AR-1268-1

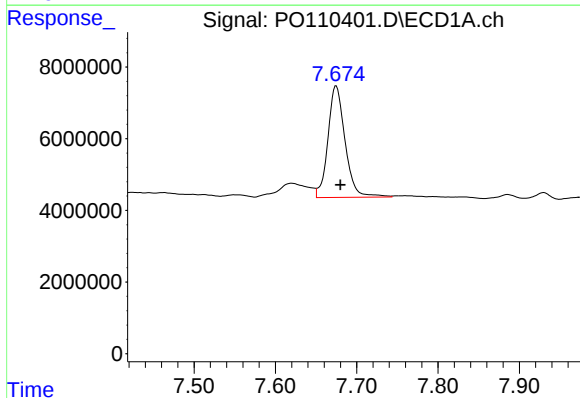
R.T.: 7.620 min
Delta R.T.: 0.005 min
Response: 11004506
Conc: 7.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



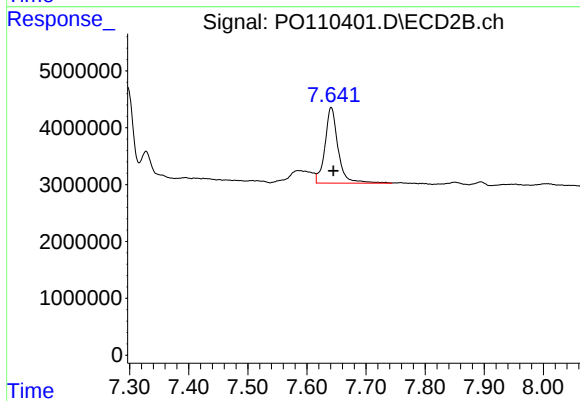
#41 AR-1268-1

R.T.: 7.585 min
Delta R.T.: 0.005 min
Response: 6035067
Conc: 11.02 ng/ml



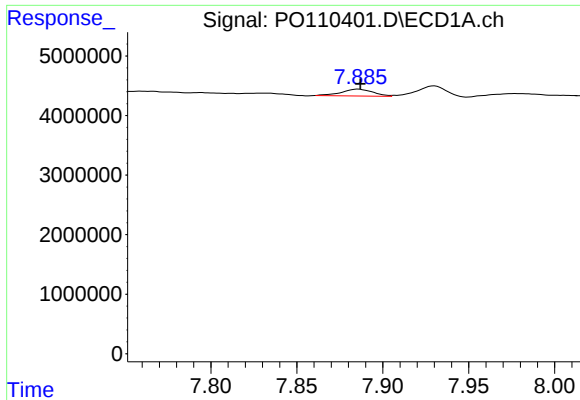
#42 AR-1268-2

R.T.: 7.675 min
Delta R.T.: -0.005 min
Response: 45795859
Conc: 35.79 ng/ml



#42 AR-1268-2

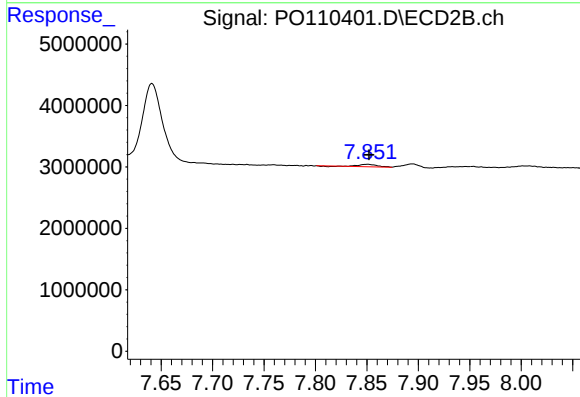
R.T.: 7.641 min
Delta R.T.: -0.004 min
Response: 20526629
Conc: 41.26 ng/ml



#43 AR-1268-3

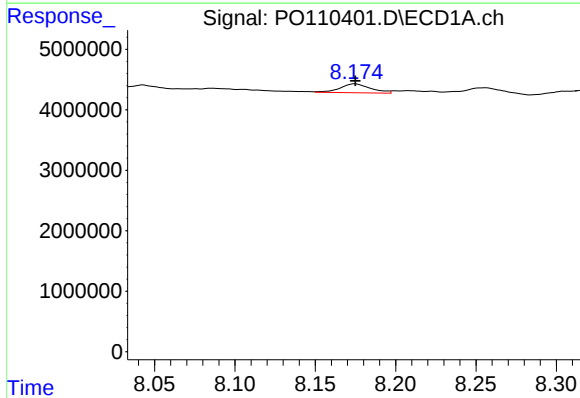
R.T.: 7.886 min
Delta R.T.: -0.001 min
Response: 1461733
Conc: 1.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



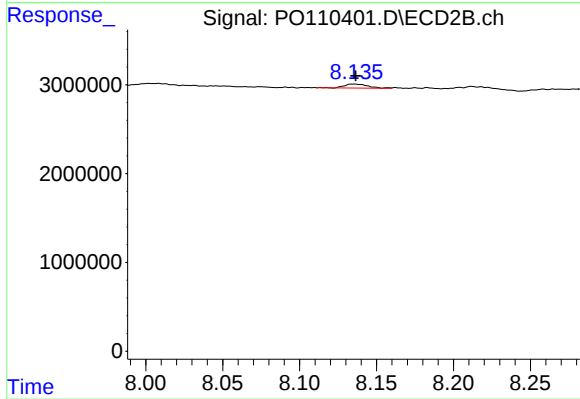
#43 AR-1268-3

R.T.: 7.851 min
Delta R.T.: -0.001 min
Response: 405233
Conc: 1.09 ng/ml



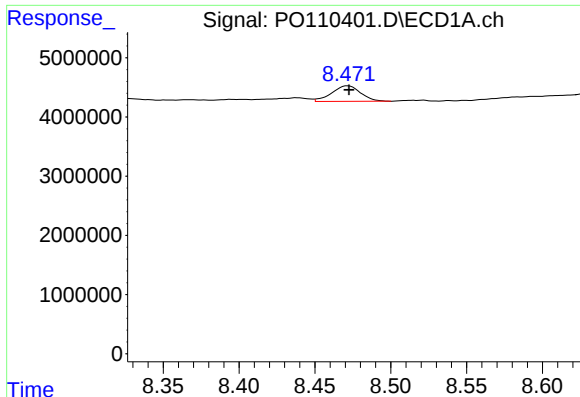
#44 AR-1268-4

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 1956875
Conc: 4.41 ng/ml



#44 AR-1268-4

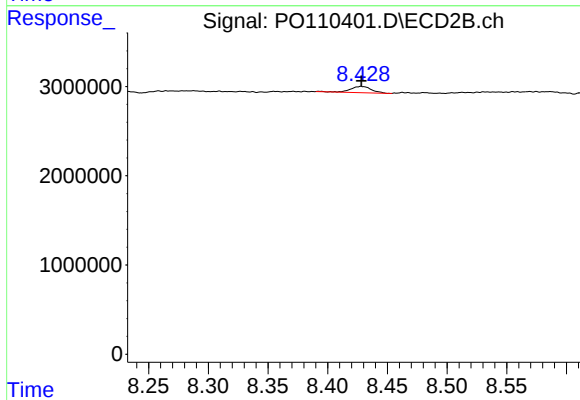
R.T.: 8.135 min
Delta R.T.: -0.001 min
Response: 466552
Conc: 3.31 ng/ml



#45 AR-1268-5

R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 3500023
Conc: 1.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.428 min
Delta R.T.: 0.000 min
Response: 829665
Conc: 1.05 ng/ml