

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0042825\
 Data File : P0110843.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2025 08:11
 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 29 08:34:59 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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.686	3.683	491.4E6	258.1E6	56.165	51.735
2)	SA Decachlor...	8.727	8.678	362.5E6	89935592	45.920	46.720
Target Compounds							
3)	L1 AR-1016-1	4.776	4.761	6343150	3248359	19.330	18.508
4)	L1 AR-1016-2	4.795	4.780	5124034	2683445	11.263	10.671
5)	L1 AR-1016-3	4.851	4.957	3756699	1560231	11.648	11.497
6)	L1 AR-1016-4	4.973	4.998	3615530	55935809	14.511	489.087 #
7)	L1 AR-1016-5	5.228	5.211	97150224	46324674	361.138	310.750
8)	L2 AR-1221-1	3.899	3.891	357028	229717	3.025	3.440
9)	L2 AR-1221-2	3.987	3.981	7980848	4048311	90.339	80.811
10)	L2 AR-1221-3	4.061	4.053	1840888	1138416	6.996	7.632
11)	L3 AR-1232-1	4.061	4.053	1840888	1138416	8.988	9.897
12)	L3 AR-1232-2	4.554	4.780	2407090	2683445	22.558	24.204
13)	L3 AR-1232-3	4.795	4.957	5124034	1560231	25.648	27.275
14)	L3 AR-1232-4	4.973	5.039	3615530	19906723	35.343	368.962 #
15)	L3 AR-1232-5	5.014	5.211	104.9E6	46324674	1522.894	810.781 #
16)	L4 AR-1242-1	4.776	4.761	6343150	3248359	22.855	21.728
17)	L4 AR-1242-2	4.795	4.780	5124034	2683445	13.282	12.577
18)	L4 AR-1242-3	4.851	4.957	3756699	1560231	13.503	13.499
19)	L4 AR-1242-4	4.973	5.039	3615530	19906723	17.105	165.752 #
20)	L4 AR-1242-5	5.624	5.562	52078448	151.4E6	230.035	1043.441 #
21)	L5 AR-1248-1	4.776	4.761	6343150	3248359	29.803	28.214
22)	L5 AR-1248-2	5.014	4.998	104.9E6	55935809	354.586	343.412
23)	L5 AR-1248-3	5.228	5.039	97150224	19906723	262.596	113.199 #
24)	L5 AR-1248-4	5.583	5.211	309.0E6	46324674	594.232	227.440 #
25)	L5 AR-1248-5	5.624	5.602	52078448	23210240	140.971	117.582
26)	L6 AR-1254-1	5.583	5.562	309.0E6	151.4E6	553.808	502.158
27)	L6 AR-1254-2	5.732	5.709	271.0E6	131.2E6	557.971	495.537
28)	L6 AR-1254-3	6.137	6.112	413.2E6	196.6E6	527.606	487.371
29)	L6 AR-1254-4	6.366	6.339	251.5E6	114.9E6	515.718	500.287
30)	L6 AR-1254-5	6.786	6.756	344.1E6	157.7E6	490.893	474.486
31)	L7 AR-1260-1	6.268	6.242	207.2E6	94862128	438.471	385.676
32)	L7 AR-1260-2	6.457	6.429	165.7E6	73977276	282.553	253.563
33)	L7 AR-1260-3	6.855	6.581	29479648	75899193	59.812	280.191 #
34)	L7 AR-1260-4	7.084	7.053	17824214	7564051	41.996	37.700
35)	L7 AR-1260-5	7.327	7.293	39279690	17160696	37.643	37.399
36)	L8 AR-1262-1	6.855	6.825	29479648	13588178	42.026	41.259
37)	L8 AR-1262-2	7.327	7.293	39279690	17160696	32.523	33.751
38)	L8 AR-1262-3	7.612	7.576	1122498	739168	2.205	3.817 #
39)	L8 AR-1262-4	7.671	7.637	36570053	15755707	40.802	45.399
40)	L8 AR-1262-5	8.172	8.132	1952908	550766	4.846	4.420
41)	L9 AR-1268-1	7.612	7.576	1122498	739168	0.799	1.349 #

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 Acq On : 29 Apr 2025 08:11
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 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

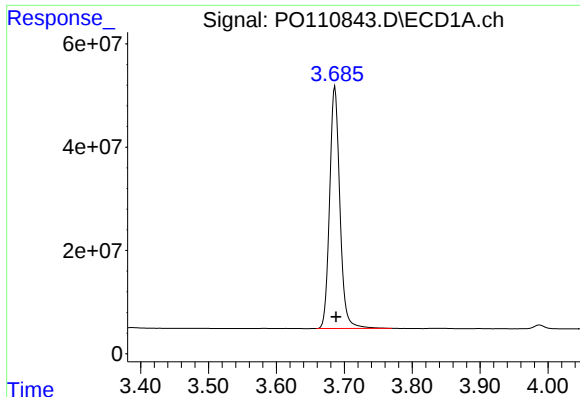
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 08:34:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041025.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	7.671	7.637	36570053	15755707	28.576	31.670
43) L9	AR-1268-3	7.882	7.847	916541	556623	0.879	1.498 #
44) L9	AR-1268-4	8.172	8.132	1952908	550766	4.397	3.902
45) L9	AR-1268-5	8.468	8.423	2832989	733538	0.880	0.932

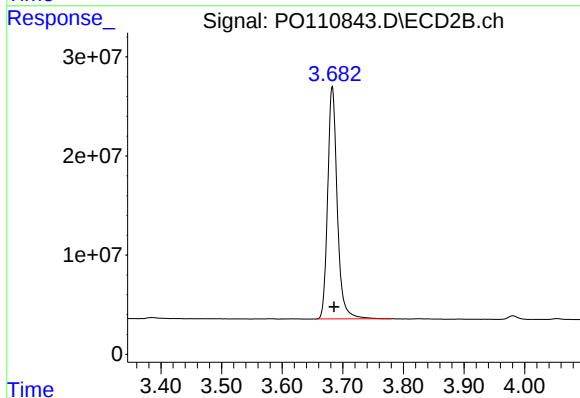
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

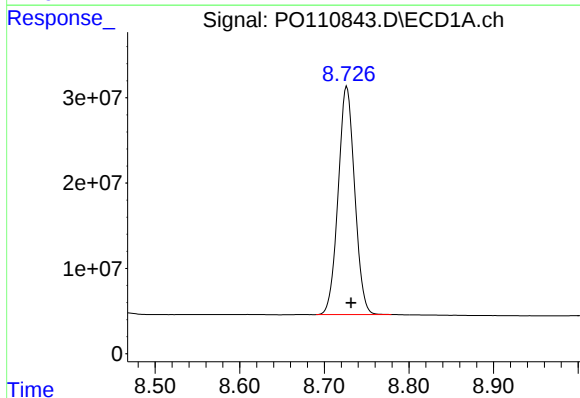
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 491389758
Conc: 56.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



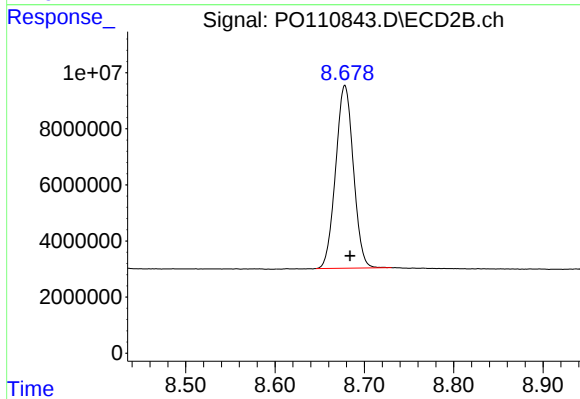
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 258145221
Conc: 51.73 ng/ml



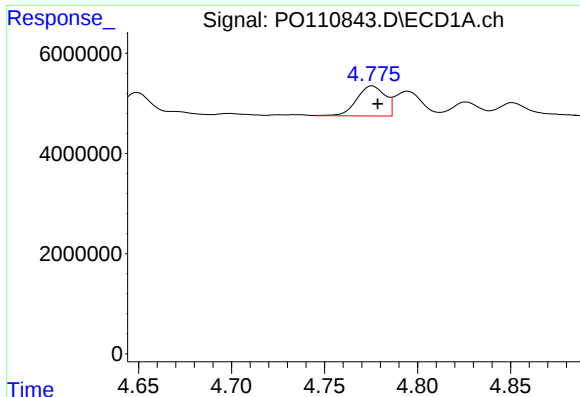
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: -0.005 min
Response: 362534095
Conc: 45.92 ng/ml



#2 Decachlorobiphenyl

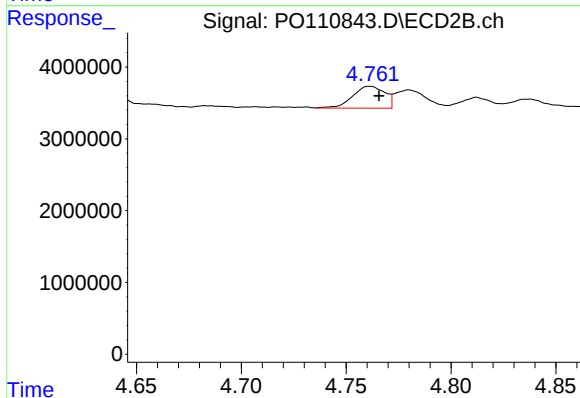
R.T.: 8.678 min
Delta R.T.: -0.006 min
Response: 89935592
Conc: 46.72 ng/ml



#3 AR-1016-1

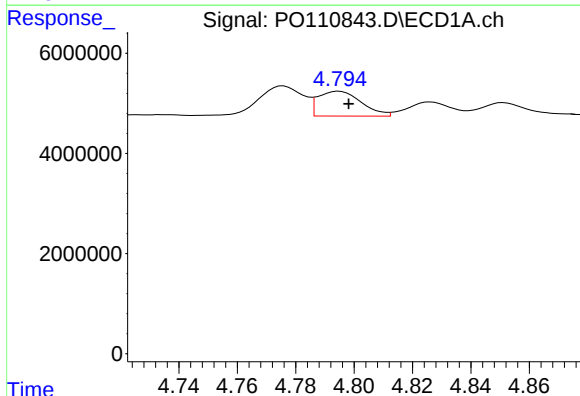
R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 6343150
Conc: 19.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



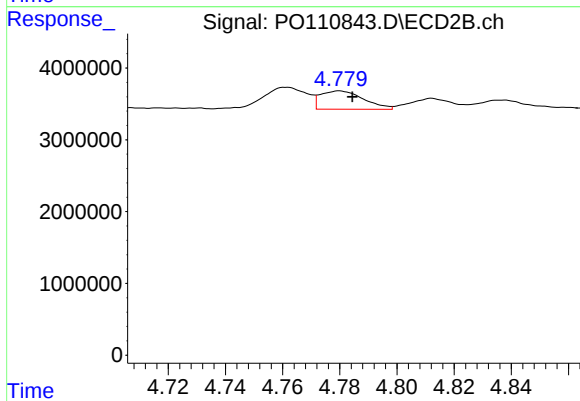
#3 AR-1016-1

R.T.: 4.761 min
Delta R.T.: -0.004 min
Response: 3248359
Conc: 18.51 ng/ml



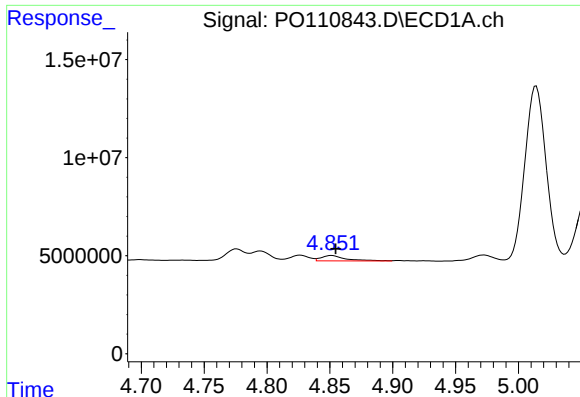
#4 AR-1016-2

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 5124034
Conc: 11.26 ng/ml



#4 AR-1016-2

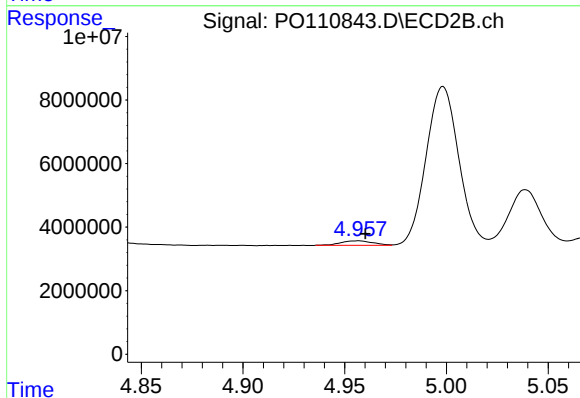
R.T.: 4.780 min
Delta R.T.: -0.004 min
Response: 2683445
Conc: 10.67 ng/ml



#5 AR-1016-3

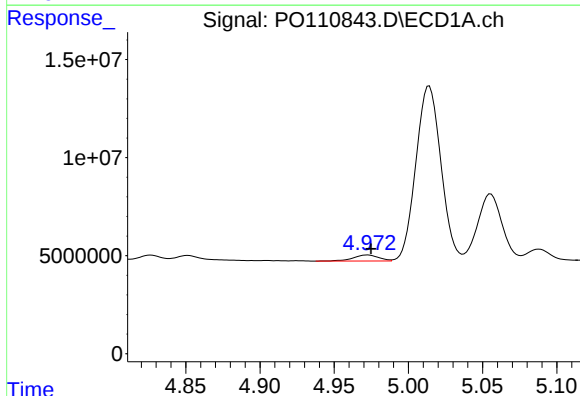
R.T.: 4.851 min
Delta R.T.: -0.003 min
Response: 3756699
Conc: 11.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



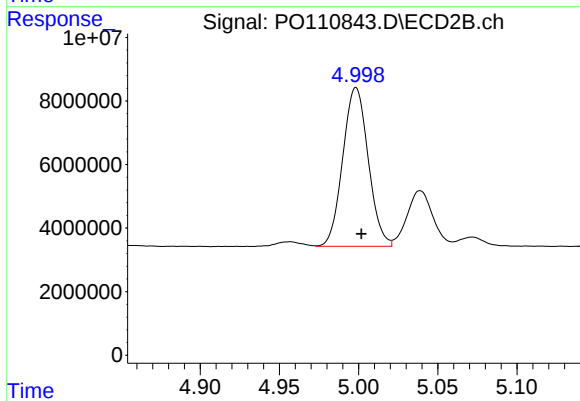
#5 AR-1016-3

R.T.: 4.957 min
Delta R.T.: -0.004 min
Response: 1560231
Conc: 11.50 ng/ml



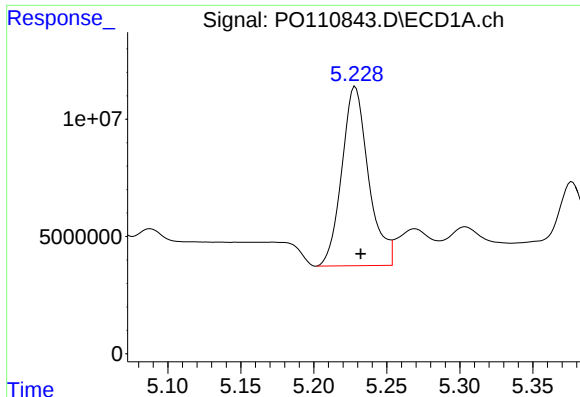
#6 AR-1016-4

R.T.: 4.973 min
Delta R.T.: -0.002 min
Response: 3615530
Conc: 14.51 ng/ml



#6 AR-1016-4

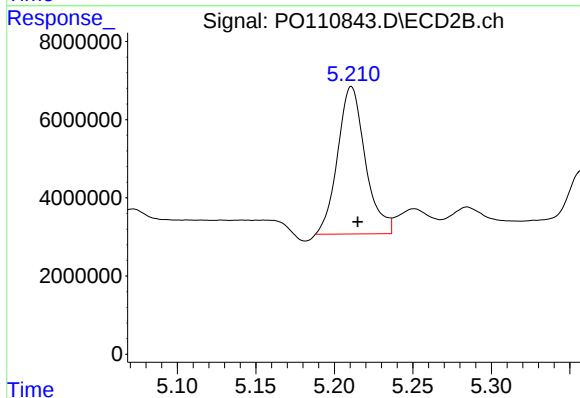
R.T.: 4.998 min
Delta R.T.: -0.003 min
Response: 55935809
Conc: 489.09 ng/ml



#7 AR-1016-5

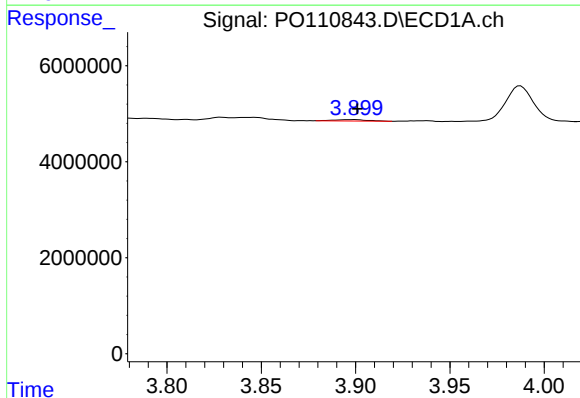
R.T.: 5.228 min
Delta R.T.: -0.004 min
Response: 97150224
Conc: 361.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



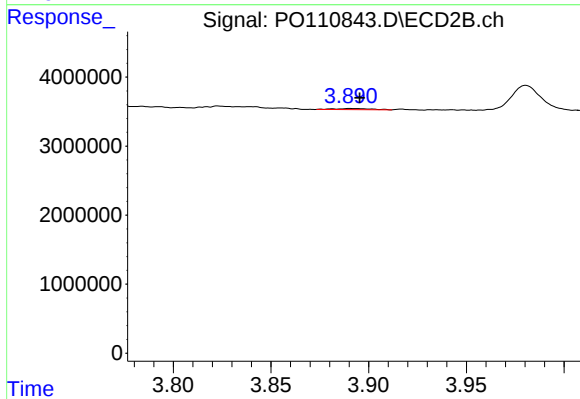
#7 AR-1016-5

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 46324674
Conc: 310.75 ng/ml



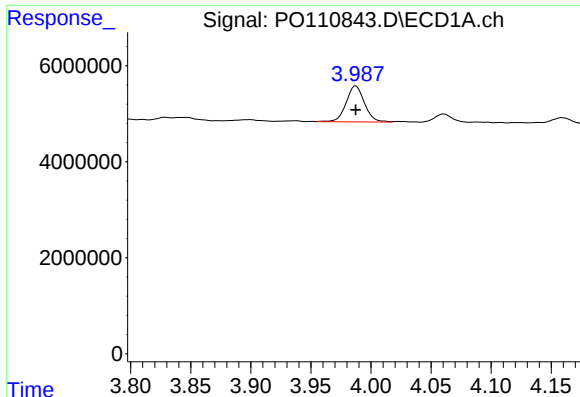
#8 AR-1221-1

R.T.: 3.899 min
Delta R.T.: -0.002 min
Response: 357028
Conc: 3.02 ng/ml



#8 AR-1221-1

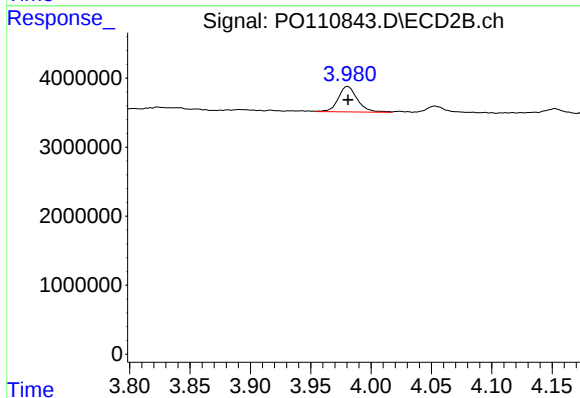
R.T.: 3.891 min
Delta R.T.: -0.004 min
Response: 229717
Conc: 3.44 ng/ml



#9 AR-1221-2

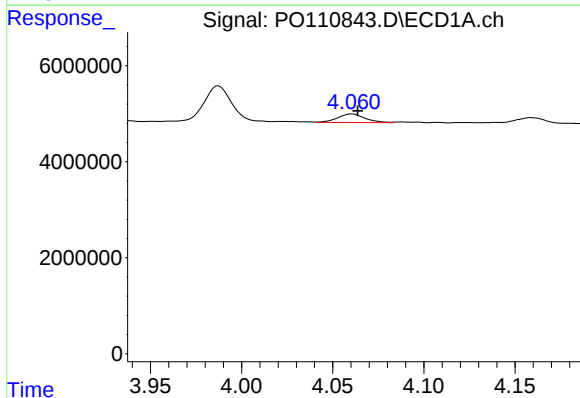
R.T.: 3.987 min
Delta R.T.: 0.000 min
Response: 7980848
Conc: 90.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



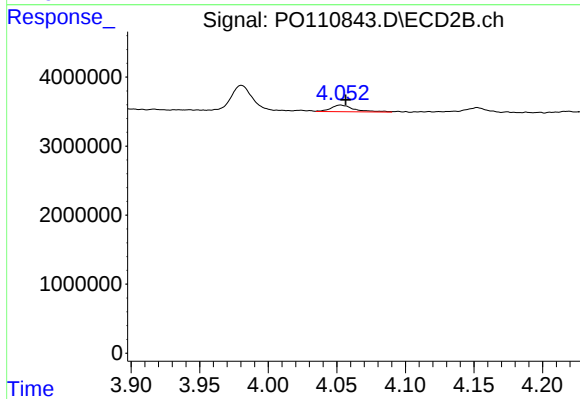
#9 AR-1221-2

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 4048311
Conc: 80.81 ng/ml



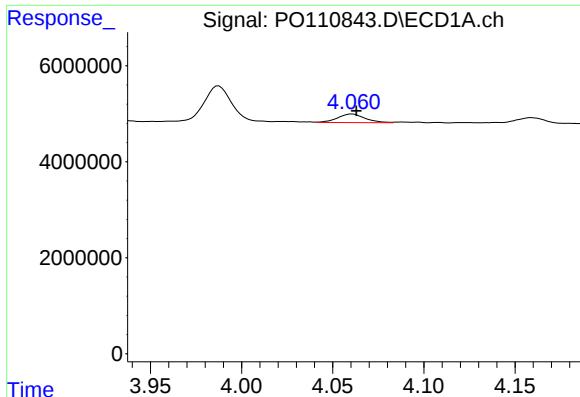
#10 AR-1221-3

R.T.: 4.061 min
Delta R.T.: -0.003 min
Response: 1840888
Conc: 7.00 ng/ml



#10 AR-1221-3

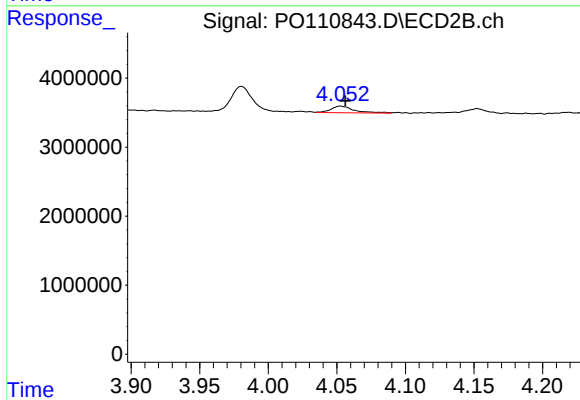
R.T.: 4.053 min
Delta R.T.: -0.004 min
Response: 1138416
Conc: 7.63 ng/ml



#11 AR-1232-1

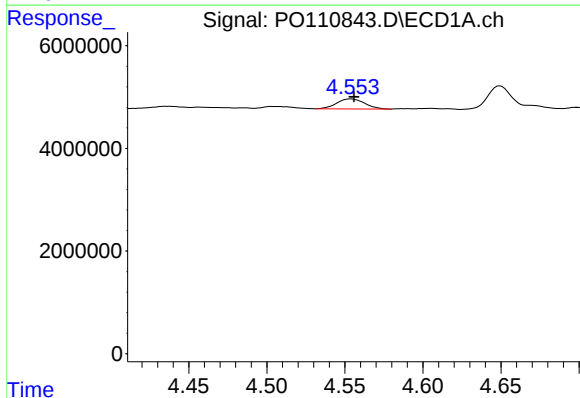
R.T.: 4.061 min
Delta R.T.: -0.002 min
Response: 1840888
Conc: 8.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



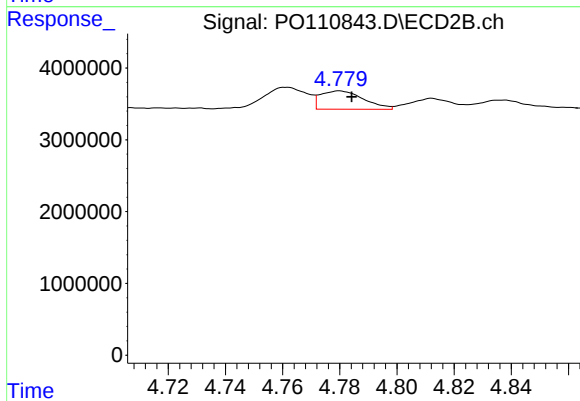
#11 AR-1232-1

R.T.: 4.053 min
Delta R.T.: -0.003 min
Response: 1138416
Conc: 9.90 ng/ml



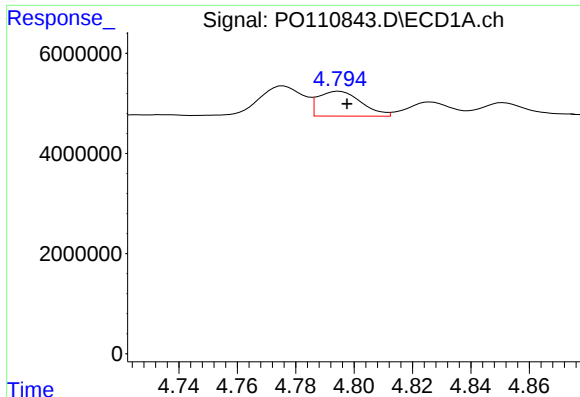
#12 AR-1232-2

R.T.: 4.554 min
Delta R.T.: -0.002 min
Response: 2407090
Conc: 22.56 ng/ml



#12 AR-1232-2

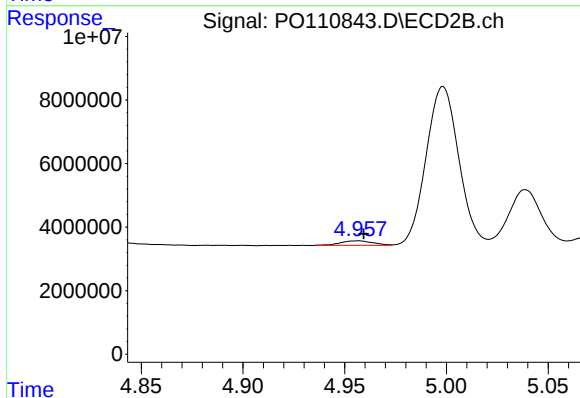
R.T.: 4.780 min
Delta R.T.: -0.004 min
Response: 2683445
Conc: 24.20 ng/ml



#13 AR-1232-3

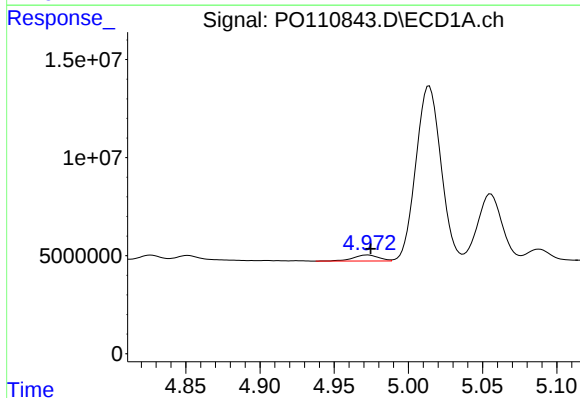
R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 5124034
Conc: 25.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



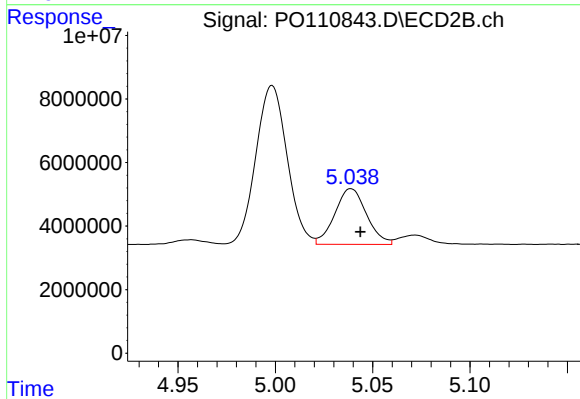
#13 AR-1232-3

R.T.: 4.957 min
Delta R.T.: -0.003 min
Response: 1560231
Conc: 27.28 ng/ml



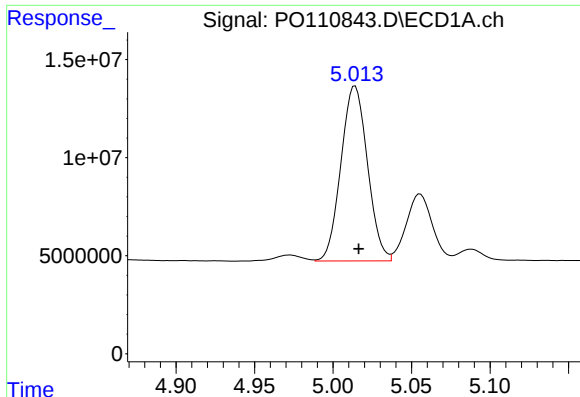
#14 AR-1232-4

R.T.: 4.973 min
Delta R.T.: -0.002 min
Response: 3615530
Conc: 35.34 ng/ml



#14 AR-1232-4

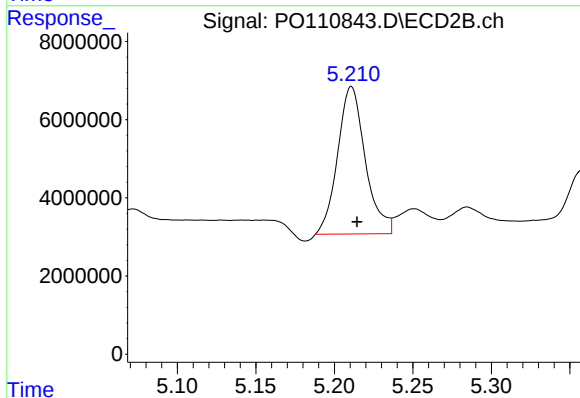
R.T.: 5.039 min
Delta R.T.: -0.005 min
Response: 19906723
Conc: 368.96 ng/ml



#15 AR-1232-5

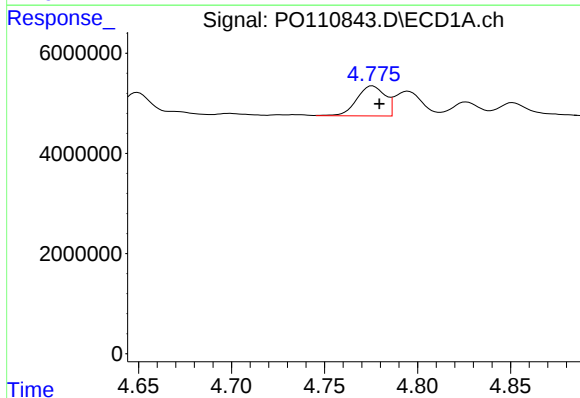
R.T.: 5.014 min
Delta R.T.: -0.002 min
Response: 104930997
Conc: 1522.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



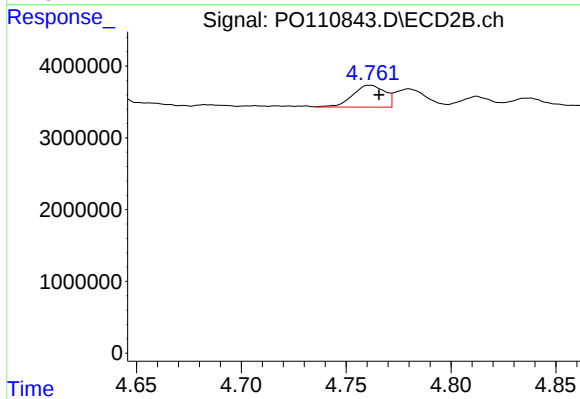
#15 AR-1232-5

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 46324674
Conc: 810.78 ng/ml



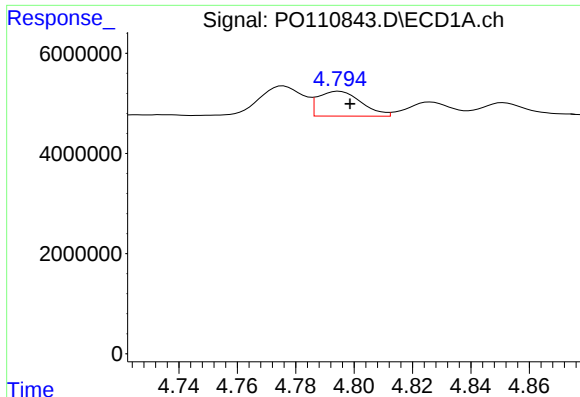
#16 AR-1242-1

R.T.: 4.776 min
Delta R.T.: -0.004 min
Response: 6343150
Conc: 22.86 ng/ml



#16 AR-1242-1

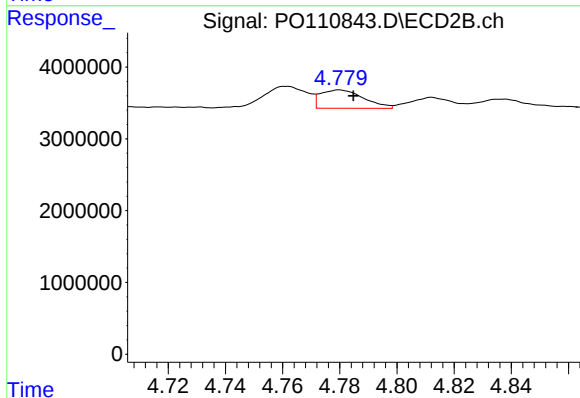
R.T.: 4.761 min
Delta R.T.: -0.004 min
Response: 3248359
Conc: 21.73 ng/ml



#17 AR-1242-2

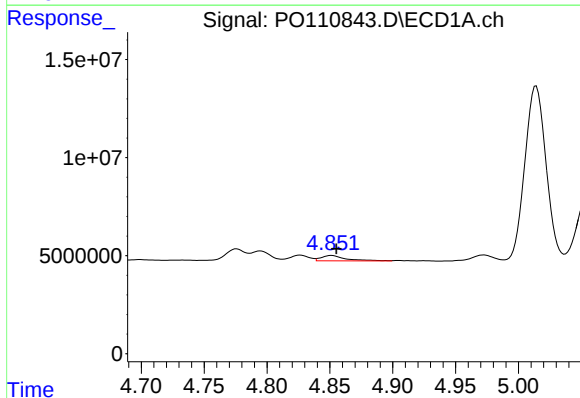
R.T.: 4.795 min
Delta R.T.: -0.004 min
Response: 5124034
Conc: 13.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



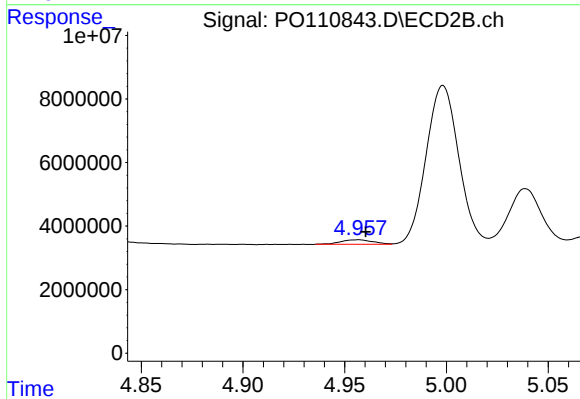
#17 AR-1242-2

R.T.: 4.780 min
Delta R.T.: -0.005 min
Response: 2683445
Conc: 12.58 ng/ml



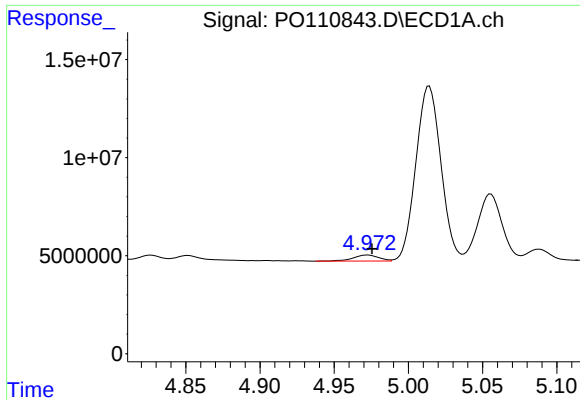
#18 AR-1242-3

R.T.: 4.851 min
Delta R.T.: -0.004 min
Response: 3756699
Conc: 13.50 ng/ml



#18 AR-1242-3

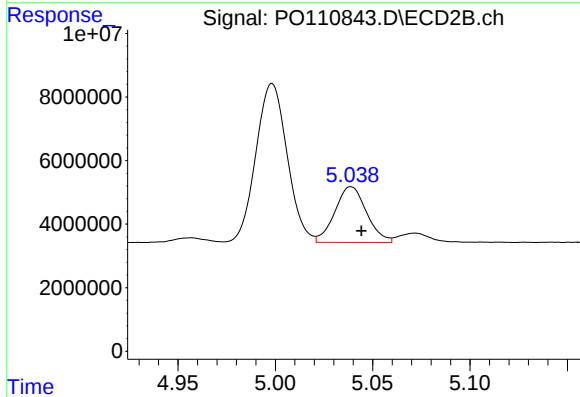
R.T.: 4.957 min
Delta R.T.: -0.004 min
Response: 1560231
Conc: 13.50 ng/ml



#19 AR-1242-4

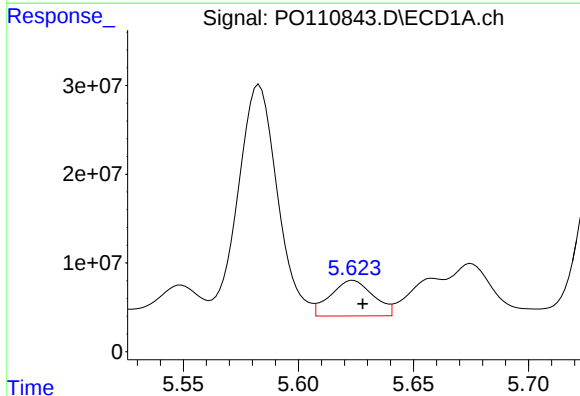
R.T.: 4.973 min
Delta R.T.: -0.003 min
Response: 3615530
Conc: 17.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



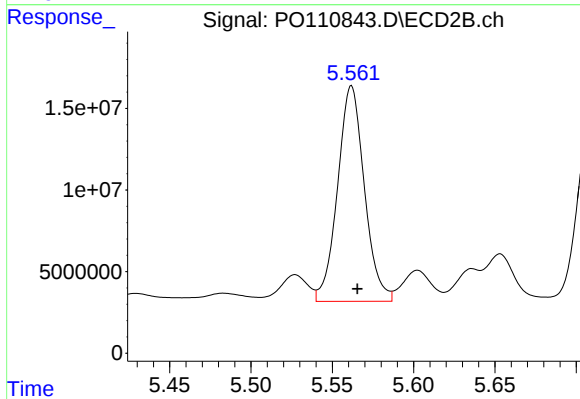
#19 AR-1242-4

R.T.: 5.039 min
Delta R.T.: -0.005 min
Response: 19906723
Conc: 165.75 ng/ml



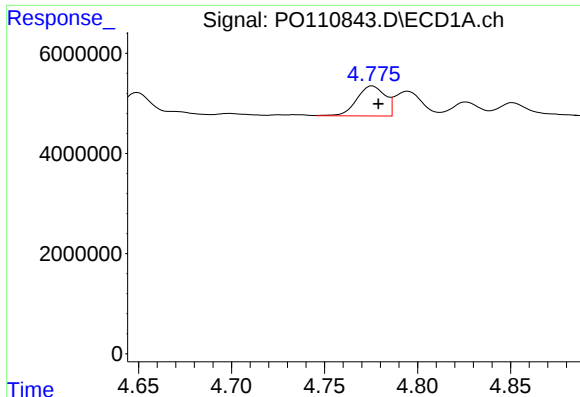
#20 AR-1242-5

R.T.: 5.624 min
Delta R.T.: -0.004 min
Response: 52078448
Conc: 230.04 ng/ml



#20 AR-1242-5

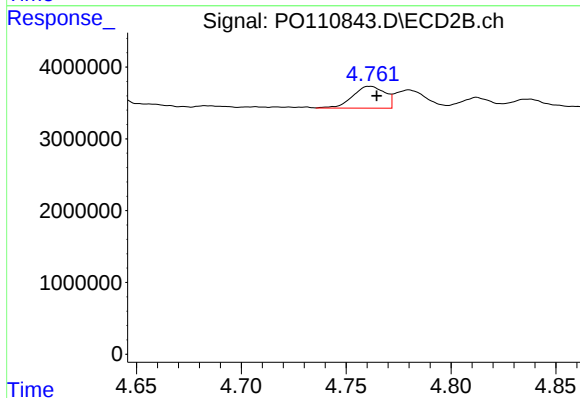
R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 151400084
Conc: 1043.44 ng/ml



#21 AR-1248-1

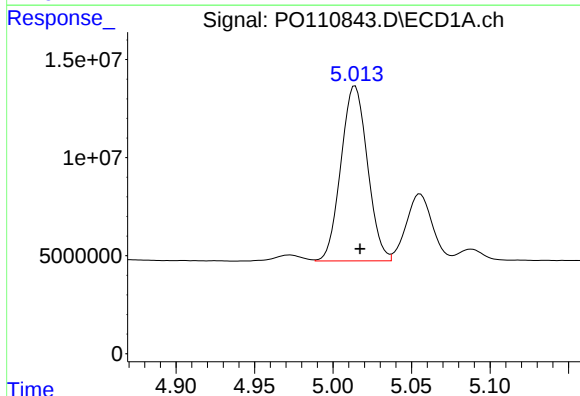
R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 6343150
Conc: 29.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



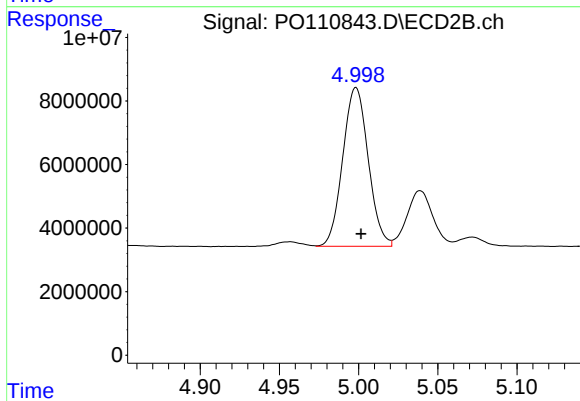
#21 AR-1248-1

R.T.: 4.761 min
Delta R.T.: -0.003 min
Response: 3248359
Conc: 28.21 ng/ml



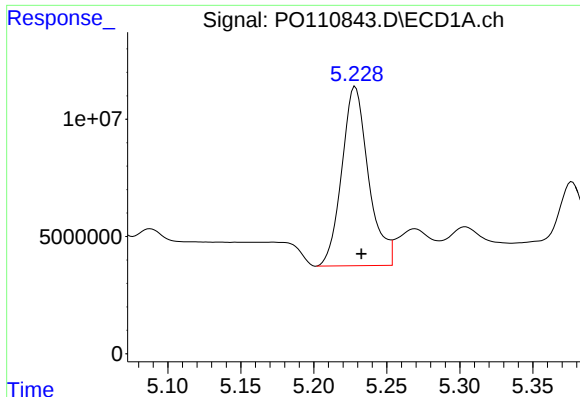
#22 AR-1248-2

R.T.: 5.014 min
Delta R.T.: -0.003 min
Response: 104930997
Conc: 354.59 ng/ml



#22 AR-1248-2

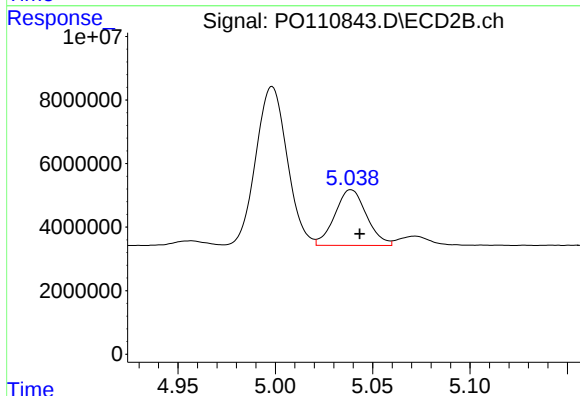
R.T.: 4.998 min
Delta R.T.: -0.003 min
Response: 55935809
Conc: 343.41 ng/ml



#23 AR-1248-3

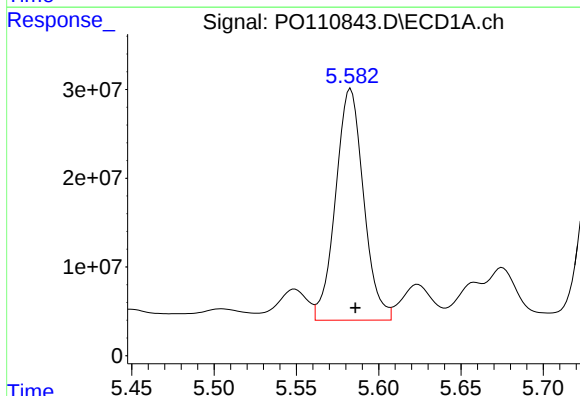
R.T.: 5.228 min
Delta R.T.: -0.004 min
Response: 97150224
Conc: 262.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



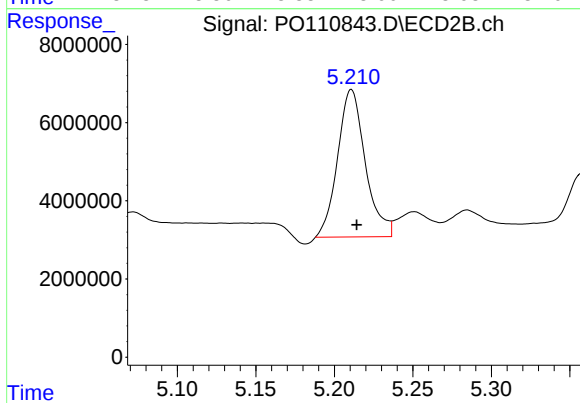
#23 AR-1248-3

R.T.: 5.039 min
Delta R.T.: -0.004 min
Response: 19906723
Conc: 113.20 ng/ml



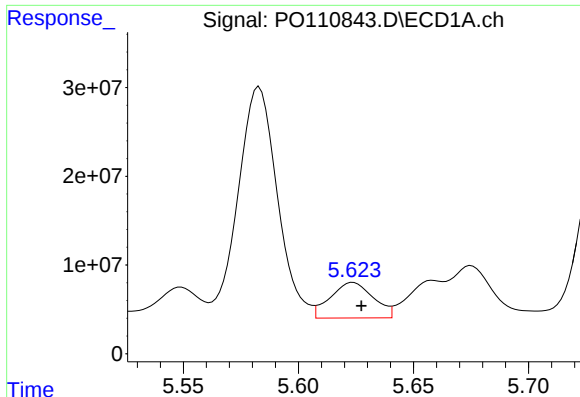
#24 AR-1248-4

R.T.: 5.583 min
Delta R.T.: -0.003 min
Response: 309018947
Conc: 594.23 ng/ml



#24 AR-1248-4

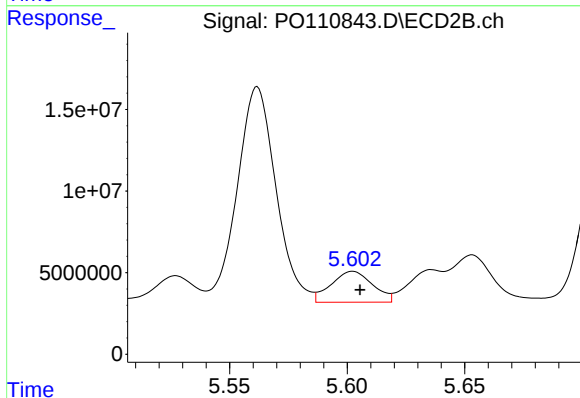
R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 46324674
Conc: 227.44 ng/ml



#25 AR-1248-5

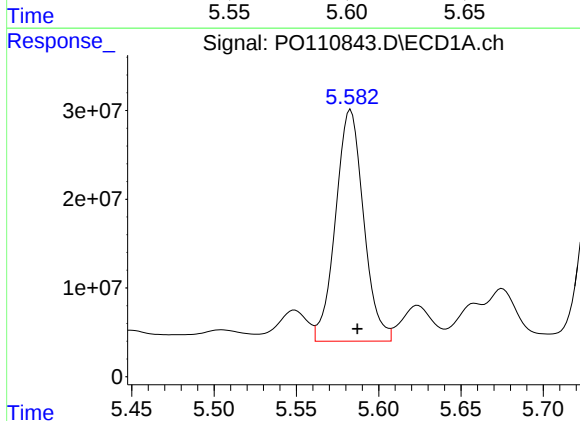
R.T.: 5.624 min
Delta R.T.: -0.004 min
Response: 52078448
Conc: 140.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



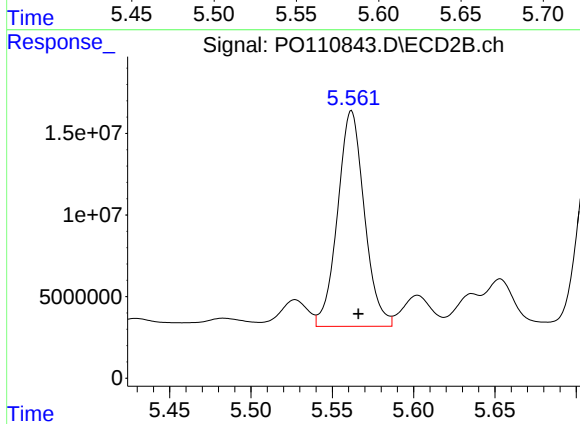
#25 AR-1248-5

R.T.: 5.602 min
Delta R.T.: -0.003 min
Response: 23210240
Conc: 117.58 ng/ml



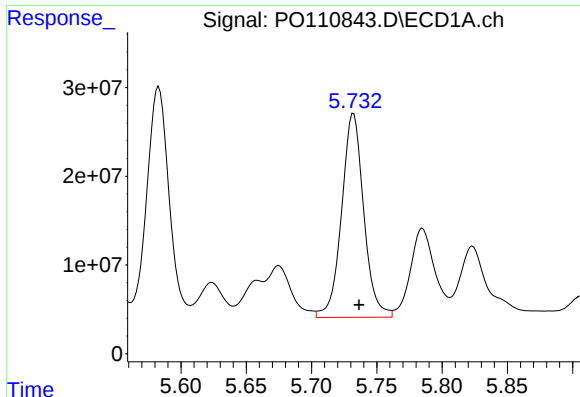
#26 AR-1254-1

R.T.: 5.583 min
Delta R.T.: -0.004 min
Response: 309018947
Conc: 553.81 ng/ml



#26 AR-1254-1

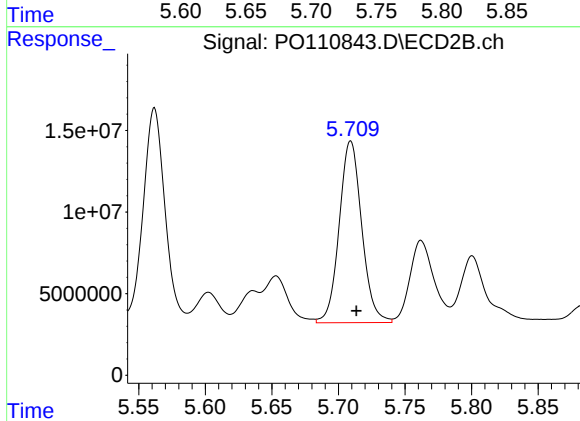
R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 151400084
Conc: 502.16 ng/ml



#27 AR-1254-2

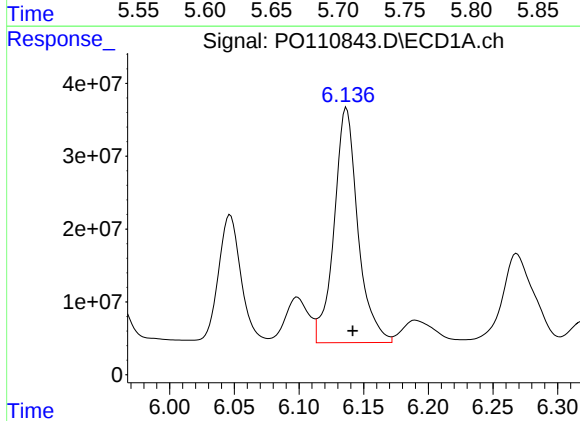
R.T.: 5.732 min
Delta R.T.: -0.004 min
Response: 271008155
Conc: 557.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



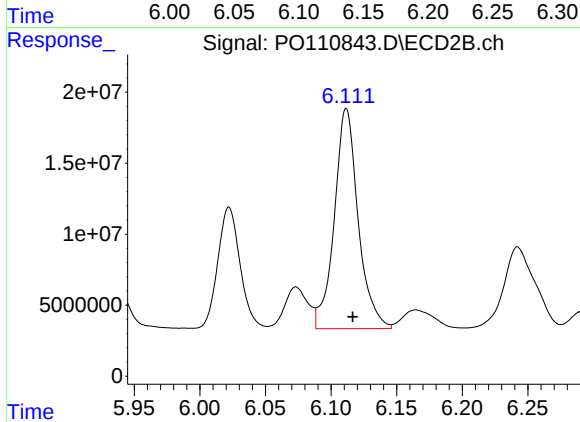
#27 AR-1254-2

R.T.: 5.709 min
Delta R.T.: -0.004 min
Response: 131161474
Conc: 495.54 ng/ml



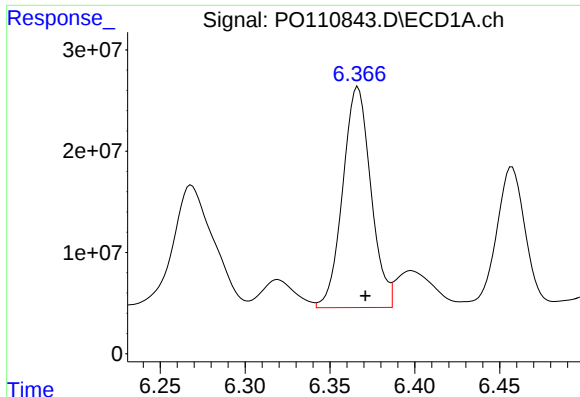
#28 AR-1254-3

R.T.: 6.137 min
Delta R.T.: -0.005 min
Response: 413232177
Conc: 527.61 ng/ml



#28 AR-1254-3

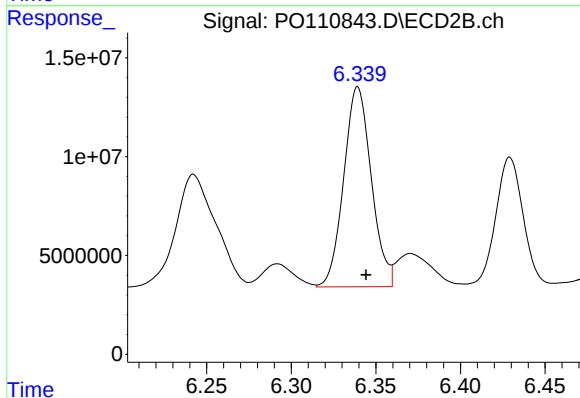
R.T.: 6.112 min
Delta R.T.: -0.005 min
Response: 196613348
Conc: 487.37 ng/ml



#29 AR-1254-4

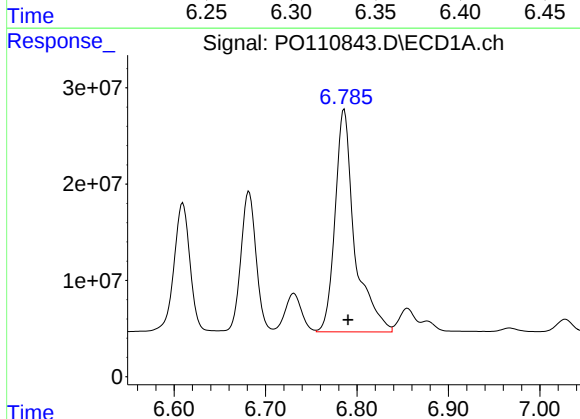
R.T.: 6.366 min
Delta R.T.: -0.004 min
Response: 251466828
Conc: 515.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



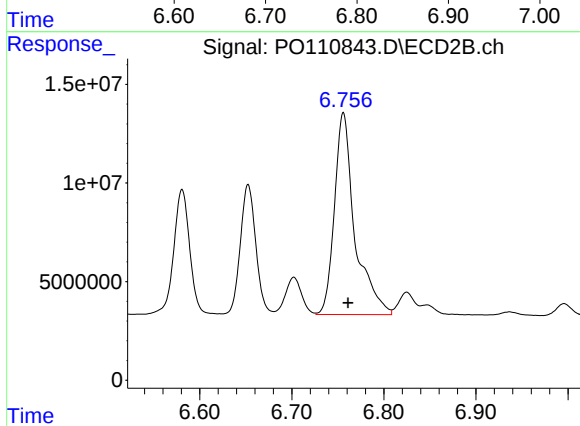
#29 AR-1254-4

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 114922414
Conc: 500.29 ng/ml



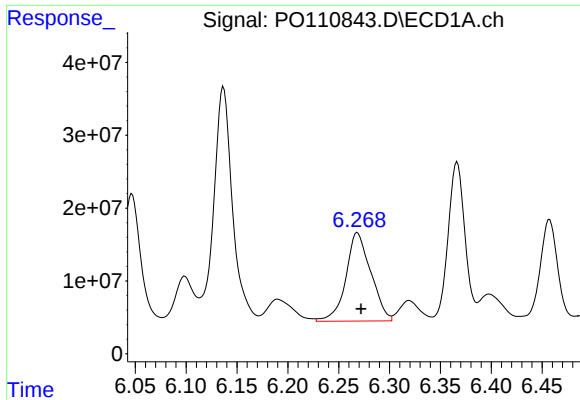
#30 AR-1254-5

R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 344066503
Conc: 490.89 ng/ml



#30 AR-1254-5

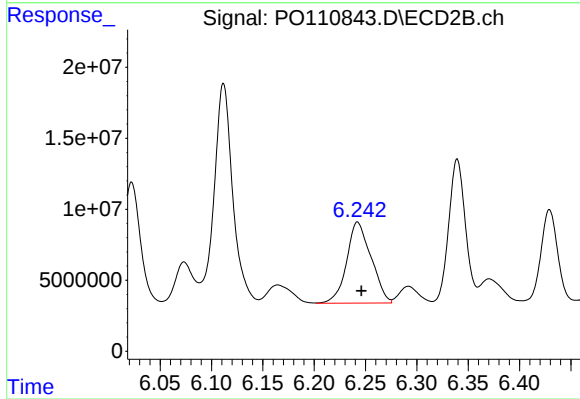
R.T.: 6.756 min
Delta R.T.: -0.005 min
Response: 157667800
Conc: 474.49 ng/ml



#31 AR-1260-1

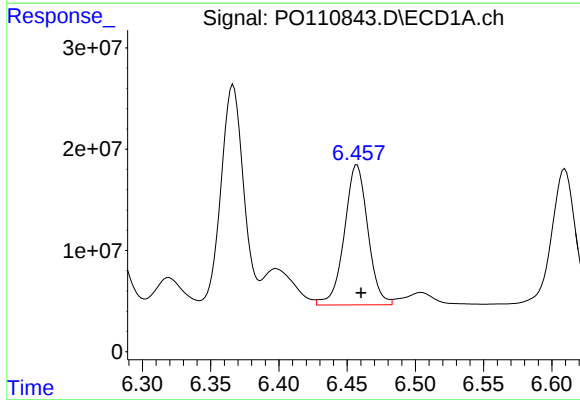
R.T.: 6.268 min
Delta R.T.: -0.004 min
Response: 207153519
Conc: 438.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



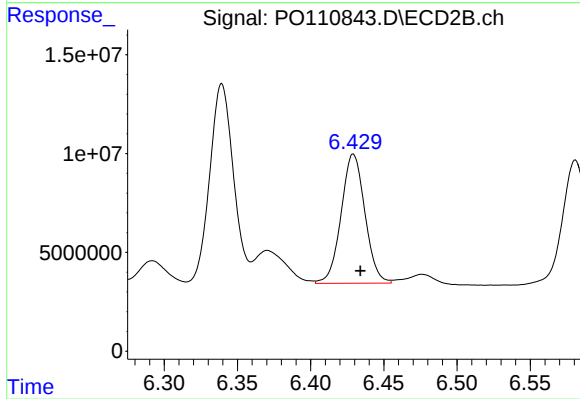
#31 AR-1260-1

R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 94862128
Conc: 385.68 ng/ml



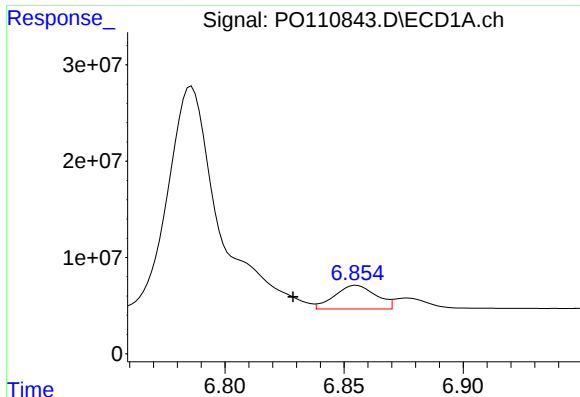
#32 AR-1260-2

R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 165695700
Conc: 282.55 ng/ml



#32 AR-1260-2

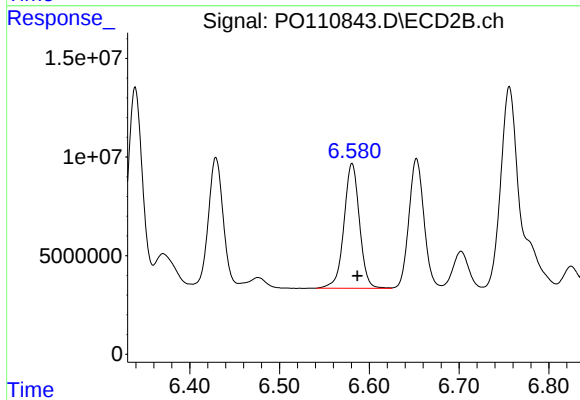
R.T.: 6.429 min
Delta R.T.: -0.005 min
Response: 73977276
Conc: 253.56 ng/ml



#33 AR-1260-3

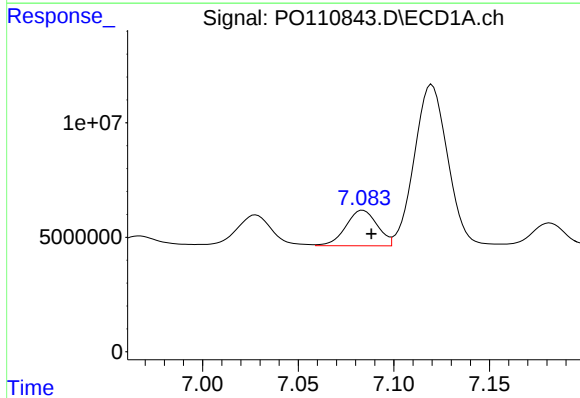
R.T.: 6.855 min
Delta R.T.: 0.027 min
Response: 29479648
Conc: 59.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



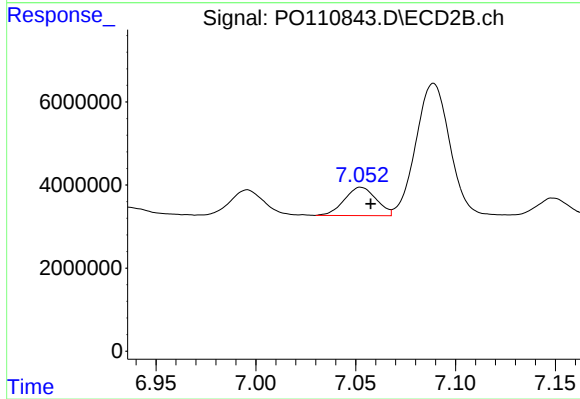
#33 AR-1260-3

R.T.: 6.581 min
Delta R.T.: -0.006 min
Response: 75899193
Conc: 280.19 ng/ml



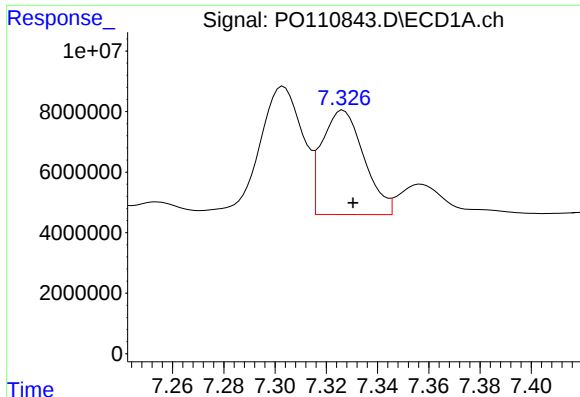
#34 AR-1260-4

R.T.: 7.084 min
Delta R.T.: -0.004 min
Response: 17824214
Conc: 42.00 ng/ml



#34 AR-1260-4

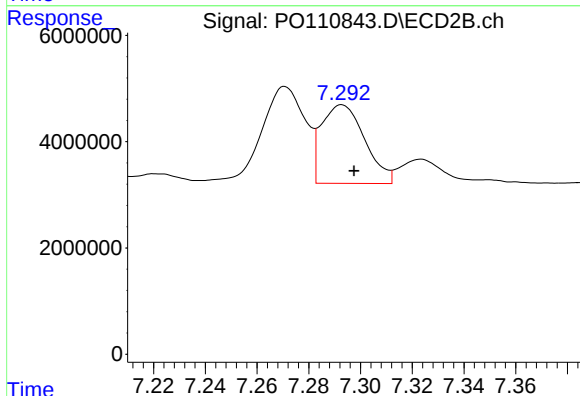
R.T.: 7.053 min
Delta R.T.: -0.005 min
Response: 7564051
Conc: 37.70 ng/ml



#35 AR-1260-5

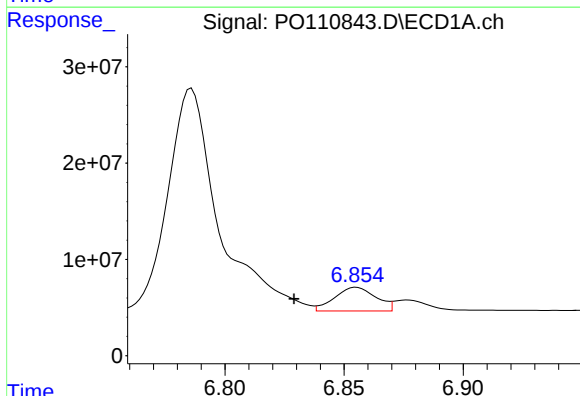
R.T.: 7.327 min
Delta R.T.: -0.004 min
Response: 39279690
Conc: 37.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



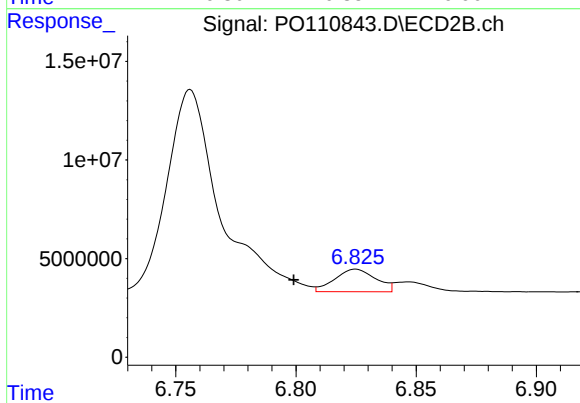
#35 AR-1260-5

R.T.: 7.293 min
Delta R.T.: -0.005 min
Response: 17160696
Conc: 37.40 ng/ml



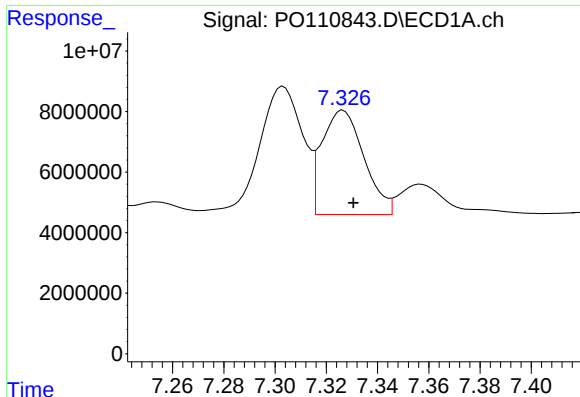
#36 AR-1262-1

R.T.: 6.855 min
Delta R.T.: 0.026 min
Response: 29479648
Conc: 42.03 ng/ml



#36 AR-1262-1

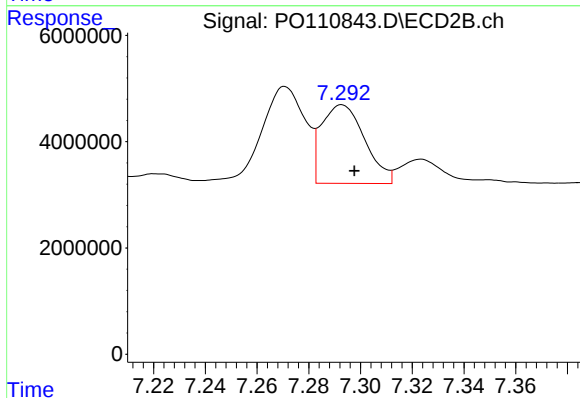
R.T.: 6.825 min
Delta R.T.: 0.026 min
Response: 13588178
Conc: 41.26 ng/ml



#37 AR-1262-2

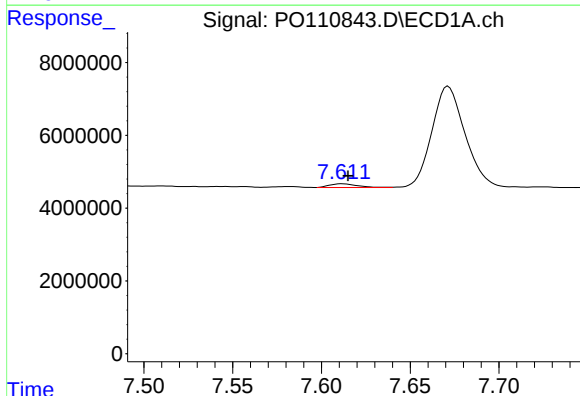
R.T.: 7.327 min
Delta R.T.: -0.004 min
Response: 39279690
Conc: 32.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



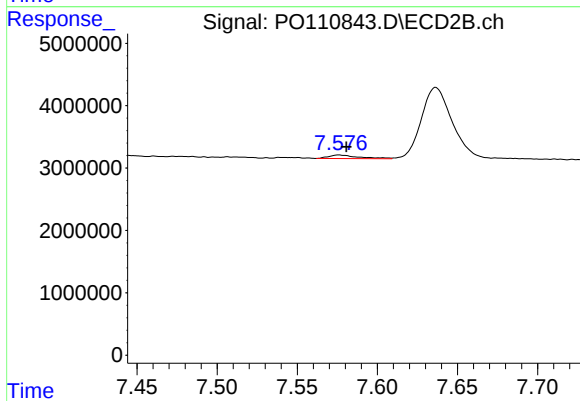
#37 AR-1262-2

R.T.: 7.293 min
Delta R.T.: -0.005 min
Response: 17160696
Conc: 33.75 ng/ml



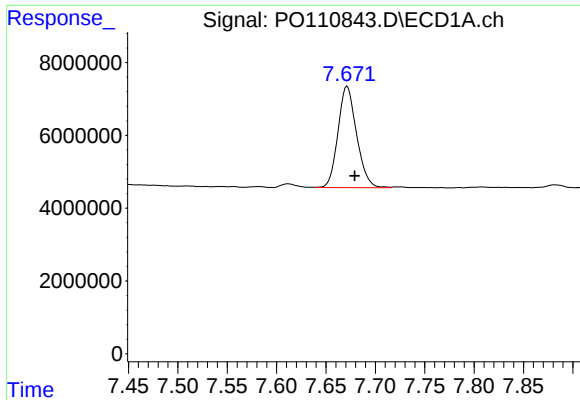
#38 AR-1262-3

R.T.: 7.612 min
Delta R.T.: -0.003 min
Response: 1122498
Conc: 2.20 ng/ml



#38 AR-1262-3

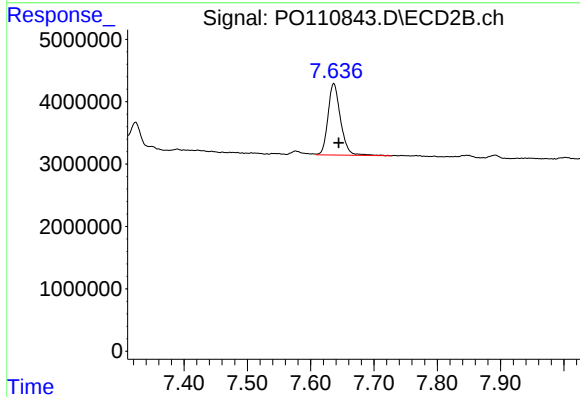
R.T.: 7.576 min
Delta R.T.: -0.005 min
Response: 739168
Conc: 3.82 ng/ml



#39 AR-1262-4

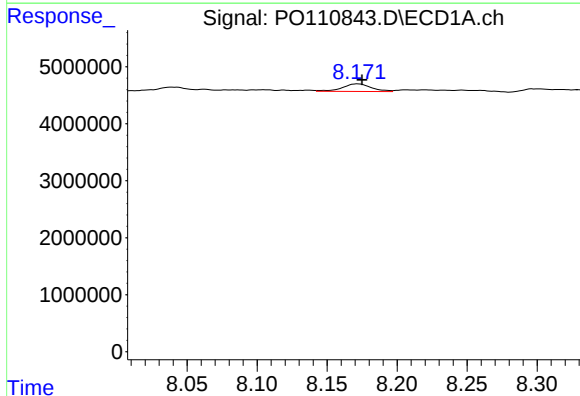
R.T.: 7.671 min
Delta R.T.: -0.008 min
Response: 36570053
Conc: 40.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



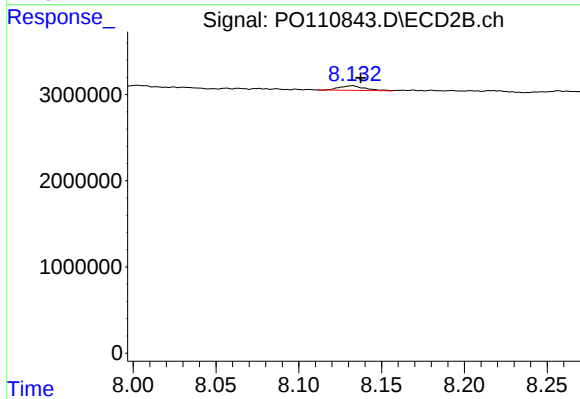
#39 AR-1262-4

R.T.: 7.637 min
Delta R.T.: -0.008 min
Response: 15755707
Conc: 45.40 ng/ml



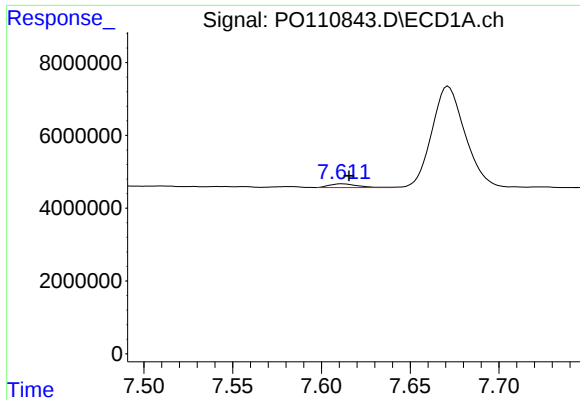
#40 AR-1262-5

R.T.: 8.172 min
Delta R.T.: -0.003 min
Response: 1952908
Conc: 4.85 ng/ml



#40 AR-1262-5

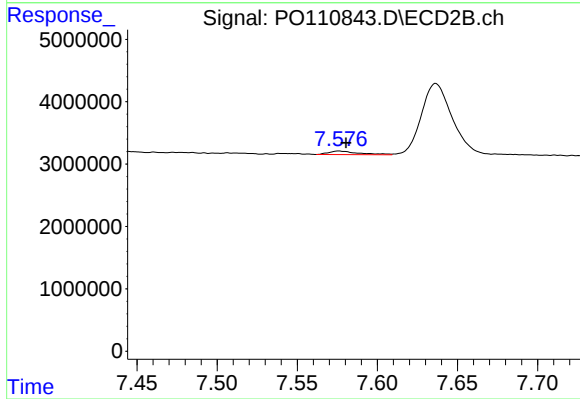
R.T.: 8.132 min
Delta R.T.: -0.005 min
Response: 550766
Conc: 4.42 ng/ml



#41 AR-1268-1

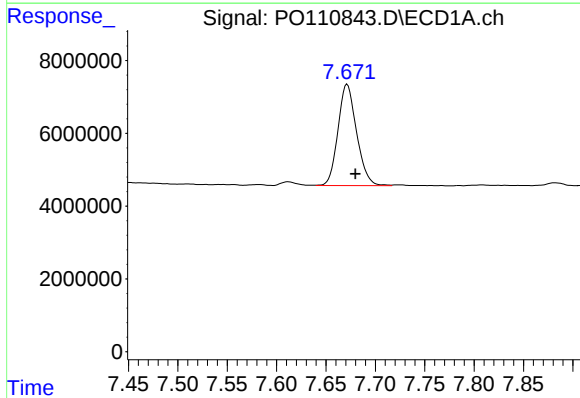
R.T.: 7.612 min
Delta R.T.: -0.004 min
Response: 1122498
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



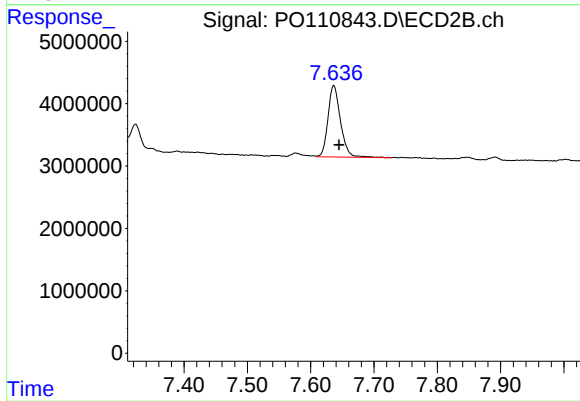
#41 AR-1268-1

R.T.: 7.576 min
Delta R.T.: -0.004 min
Response: 739168
Conc: 1.35 ng/ml



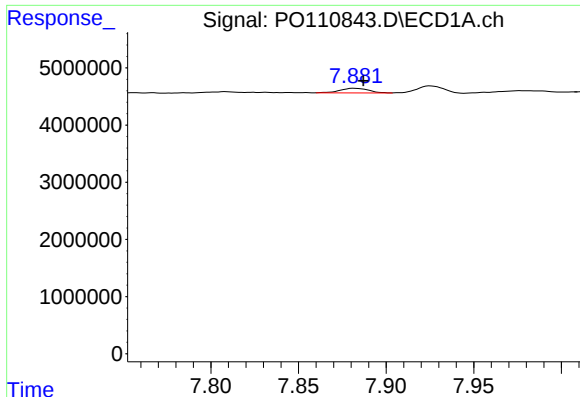
#42 AR-1268-2

R.T.: 7.671 min
Delta R.T.: -0.008 min
Response: 36570053
Conc: 28.58 ng/ml



#42 AR-1268-2

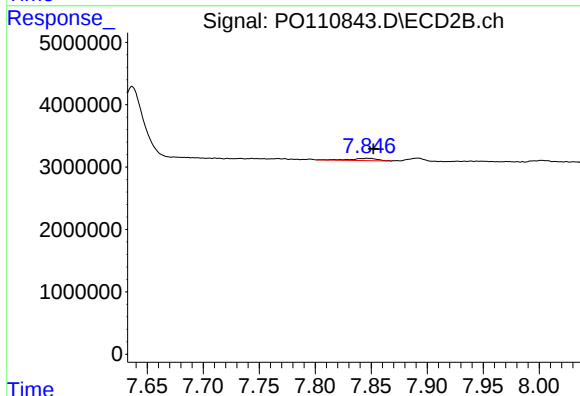
R.T.: 7.637 min
Delta R.T.: -0.008 min
Response: 15755707
Conc: 31.67 ng/ml



#43 AR-1268-3

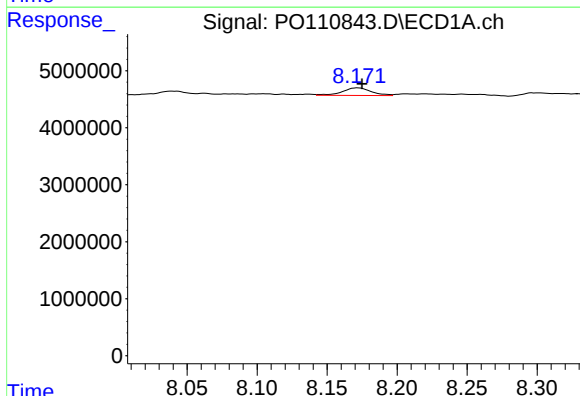
R.T.: 7.882 min
Delta R.T.: -0.005 min
Response: 916541
Conc: 0.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



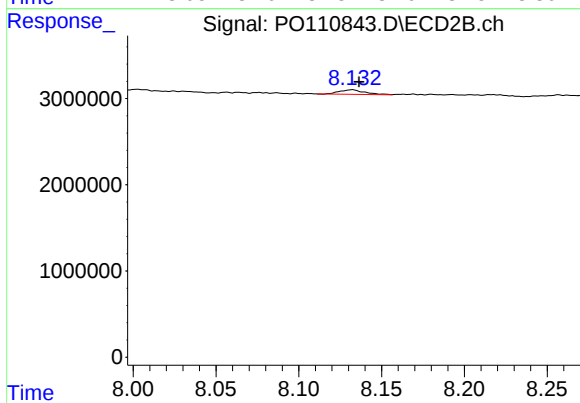
#43 AR-1268-3

R.T.: 7.847 min
Delta R.T.: -0.005 min
Response: 556623
Conc: 1.50 ng/ml



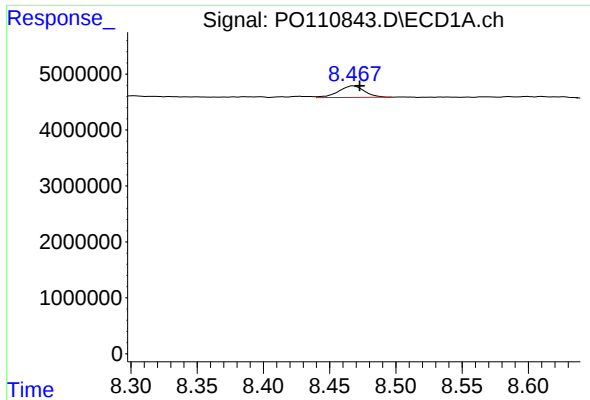
#44 AR-1268-4

R.T.: 8.172 min
Delta R.T.: -0.003 min
Response: 1952908
Conc: 4.40 ng/ml



#44 AR-1268-4

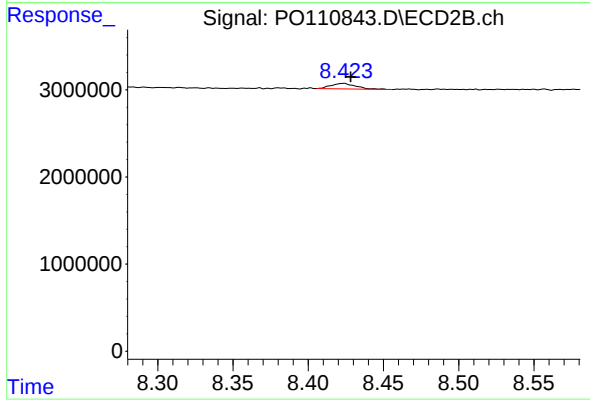
R.T.: 8.132 min
Delta R.T.: -0.004 min
Response: 550766
Conc: 3.90 ng/ml



#45 AR-1268-5

R.T.: 8.468 min
Delta R.T.: -0.005 min
Response: 2832989
Conc: 0.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.423 min
Delta R.T.: -0.005 min
Response: 733538
Conc: 0.93 ng/ml