

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040225\
 Data File : P0110196.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 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 02 18:12:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 19 02:52:01 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...	3.689	3.686	468.4E6	265.1E6	51.460	50.559
2)	SA Decachlor...	8.735	8.686	372.1E6	100.4E6	48.390	41.373
Target Compounds							
3)	L1 AR-1016-1	4.781	4.767	5938701	3458679	17.646	18.874
4)	L1 AR-1016-2	4.799	4.785	4764123	2787860	10.274	10.661
5)	L1 AR-1016-3	4.856	4.963	3512531	1848105	10.957	13.035
6)	L1 AR-1016-4	4.977	5.003	3353877	63208939	13.273	535.988 #
7)	L1 AR-1016-5	5.233	5.216	77813915	40965705	283.097	267.892
8)	L2 AR-1221-1	3.904	3.895	262749	321467	2.268	4.806 #
9)	L2 AR-1221-2	3.991	3.985	7371316	4478089	85.218	90.683
10)	L2 AR-1221-3	4.064	4.058	1835922	1048176	7.015	6.910
11)	L3 AR-1232-1	4.064	4.058	1835922	1048176	8.510	8.447
12)	L3 AR-1232-2	4.558	4.785	2584071	2787860	22.512	23.165
13)	L3 AR-1232-3	4.799	4.963	4764123	1848105	22.496	29.033 #
14)	L3 AR-1232-4	4.977	5.044	3353877	21356796	29.534	359.900 #
15)	L3 AR-1232-5	5.019	5.216	112.0E6	40965705	1392.633	648.008 #
16)	L4 AR-1242-1	4.781	4.767	5938701	3458679	22.208	23.655
17)	L4 AR-1242-2	4.799	4.785	4764123	2787860	12.939	13.401
18)	L4 AR-1242-3	4.856	4.963	3512531	1848105	13.617	16.558
19)	L4 AR-1242-4	4.977	5.044	3353877	21356796	16.761	184.148 #
20)	L4 AR-1242-5	5.630	5.567	40823781	152.2E6	193.426	1108.980 #
21)	L5 AR-1248-1	4.781	4.767	5938701	3458679	26.935	28.458
22)	L5 AR-1248-2	5.019	5.003	112.0E6	63208939	372.004	375.219
23)	L5 AR-1248-3	5.233	5.044	77813915	21356796	208.511	117.870 #
24)	L5 AR-1248-4	5.588	5.216	284.4E6	40965705	538.544	194.651 #
25)	L5 AR-1248-5	5.630	5.608	40823781	20664299	109.462	99.409
26)	L6 AR-1254-1	5.588	5.567	284.4E6	152.2E6	503.073	486.731
27)	L6 AR-1254-2	5.738	5.715	247.4E6	132.0E6	514.031	486.270
28)	L6 AR-1254-3	6.142	6.117	385.2E6	203.9E6	498.211	490.826
29)	L6 AR-1254-4	6.371	6.345	235.3E6	116.6E6	490.101	480.622
30)	L6 AR-1254-5	6.791	6.761	314.5E6	163.0E6	483.673	485.186
31)	L7 AR-1260-1	6.274	6.248	187.9E6	97020726	398.744	379.815
32)	L7 AR-1260-2	6.463	6.435	153.1E6	72543466	257.165	241.582
33)	L7 AR-1260-3	6.861	6.586	25788162	76649824	53.138	265.241 #
34)	L7 AR-1260-4	7.090	7.059	16866111	8127772	39.763	37.790
35)	L7 AR-1260-5	7.331	7.299	39919935	17890420	38.170	35.874
36)	L8 AR-1262-1	6.861	6.831	25788162	14372875	37.476	41.744
37)	L8 AR-1262-2	7.331	7.299	39919935	17890420	33.491	33.302
38)	L8 AR-1262-3	7.616	7.582	1666804	491125	3.542	2.531 #
39)	L8 AR-1262-4	7.677	7.643	36034779	16215090	41.203	44.819
40)	L8 AR-1262-5	8.176	8.138	2189955	479202	5.552	3.395 #
41)	L9 AR-1268-1	7.616	7.582	1666804	491125	1.190	0.839 #

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 ALS Vial : 6 Sample Multiplier: 1

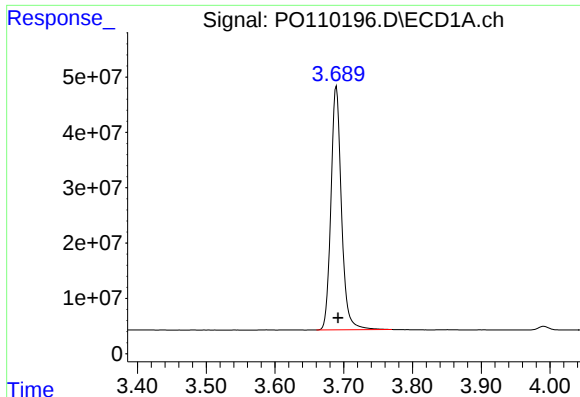
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 18:12:00 2025
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 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	7.677	7.643	36034779	16215090	28.149	30.160
43) L9	AR-1268-3	7.889	7.855	824250	434635	0.802	1.046 #
44) L9	AR-1268-4	8.176	8.138	2189955	479202	4.955	2.976 #
45) L9	AR-1268-5	8.473	8.430	4261033	869772	1.339	0.876 #

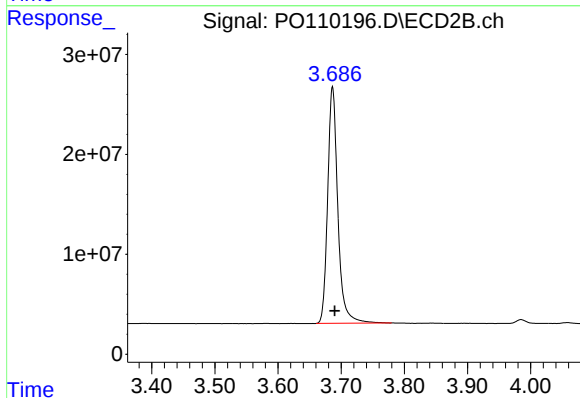
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

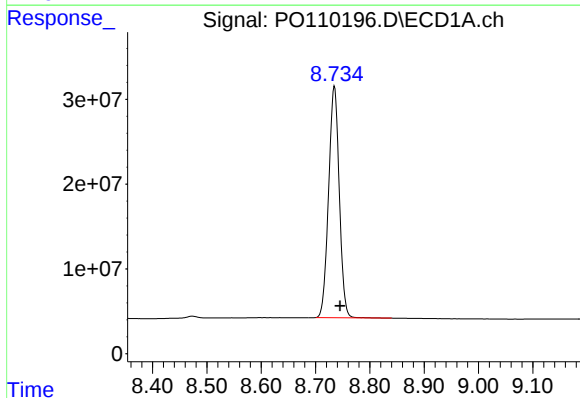
R.T.: 3.689 min
Delta R.T.: -0.003 min
Response: 468364041
Conc: 51.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



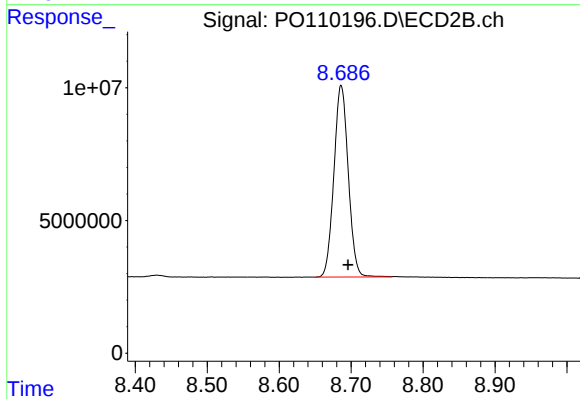
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: -0.003 min
Response: 265134634
Conc: 50.56 ng/ml



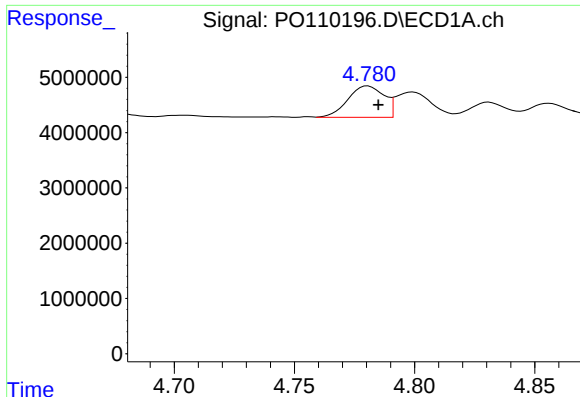
#2 Decachlorobiphenyl

R.T.: 8.735 min
Delta R.T.: -0.011 min
Response: 372055233
Conc: 48.39 ng/ml



#2 Decachlorobiphenyl

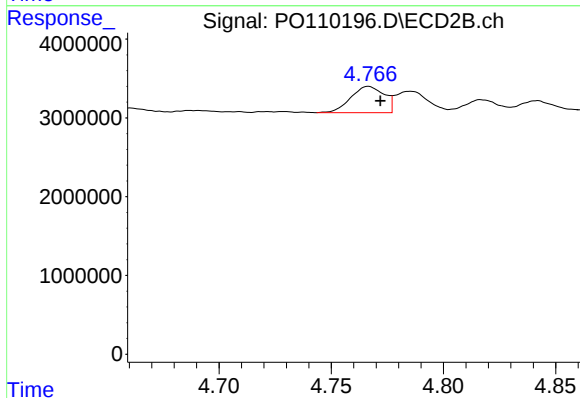
R.T.: 8.686 min
Delta R.T.: -0.010 min
Response: 100376252
Conc: 41.37 ng/ml



#3 AR-1016-1

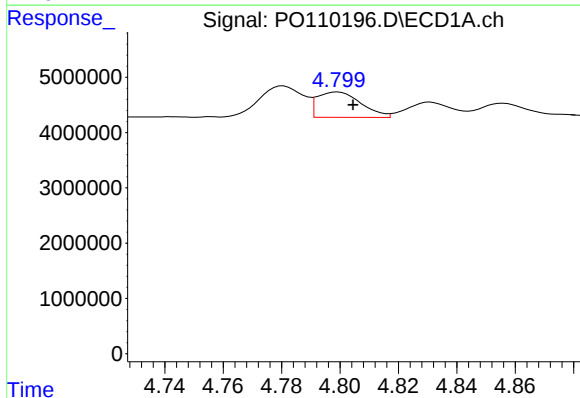
R.T.: 4.781 min
Delta R.T.: -0.004 min
Response: 5938701
Conc: 17.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



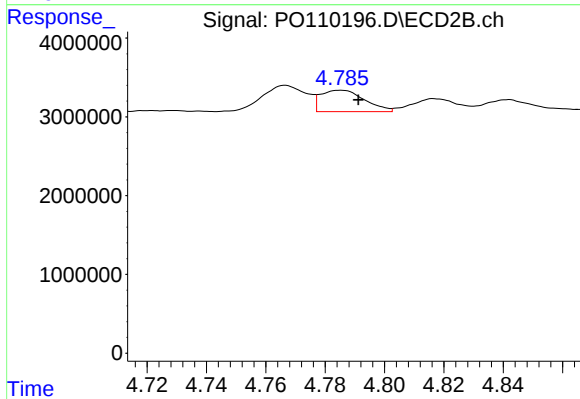
#3 AR-1016-1

R.T.: 4.767 min
Delta R.T.: -0.005 min
Response: 3458679
Conc: 18.87 ng/ml



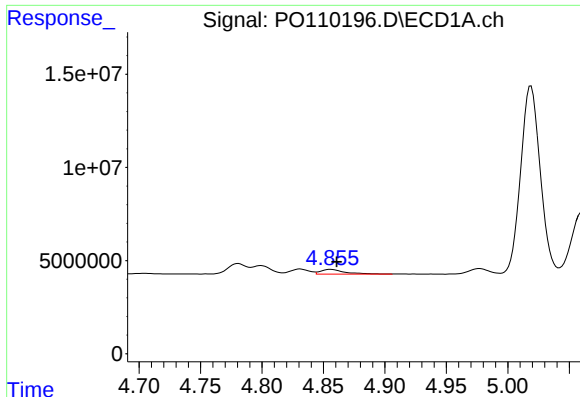
#4 AR-1016-2

R.T.: 4.799 min
Delta R.T.: -0.005 min
Response: 4764123
Conc: 10.27 ng/ml



#4 AR-1016-2

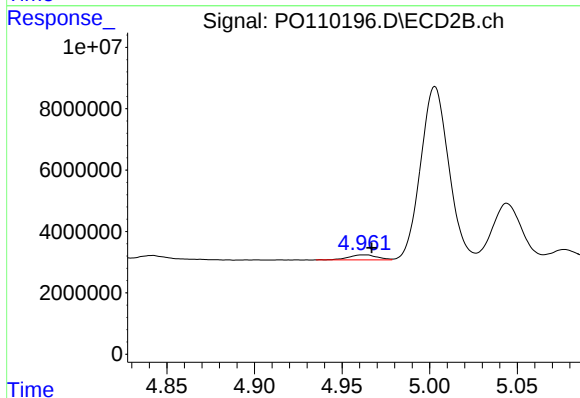
R.T.: 4.785 min
Delta R.T.: -0.006 min
Response: 2787860
Conc: 10.66 ng/ml



#5 AR-1016-3

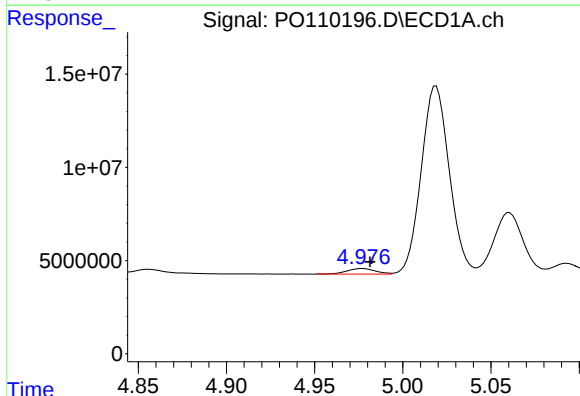
R.T.: 4.856 min
Delta R.T.: -0.005 min
Response: 3512531
Conc: 10.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



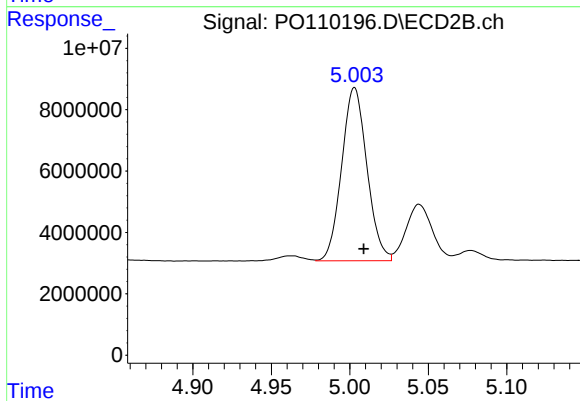
#5 AR-1016-3

R.T.: 4.963 min
Delta R.T.: -0.004 min
Response: 1848105
Conc: 13.04 ng/ml



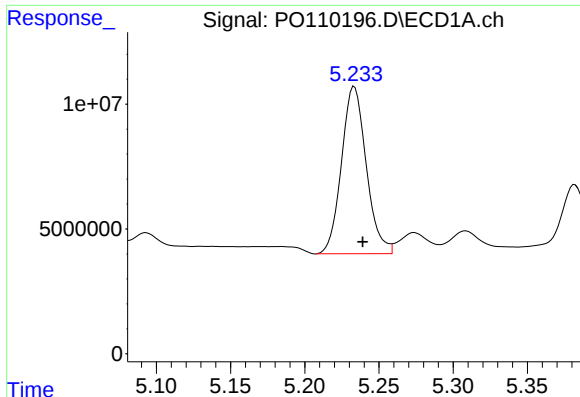
#6 AR-1016-4

R.T.: 4.977 min
Delta R.T.: -0.004 min
Response: 3353877
Conc: 13.27 ng/ml



#6 AR-1016-4

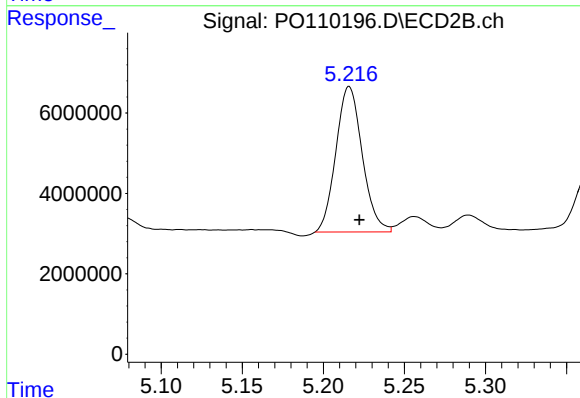
R.T.: 5.003 min
Delta R.T.: -0.006 min
Response: 63208939
Conc: 535.99 ng/ml



#7 AR-1016-5

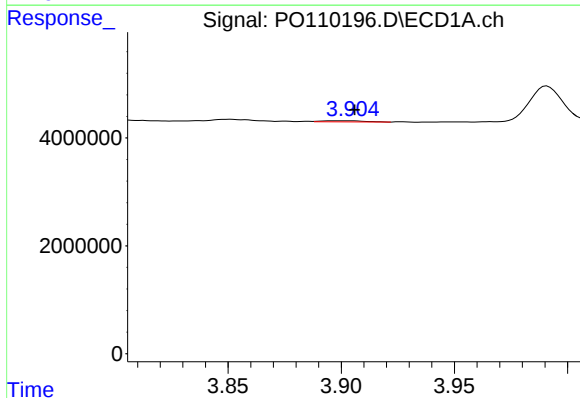
R.T.: 5.233 min
Delta R.T.: -0.006 min
Response: 77813915
Conc: 283.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



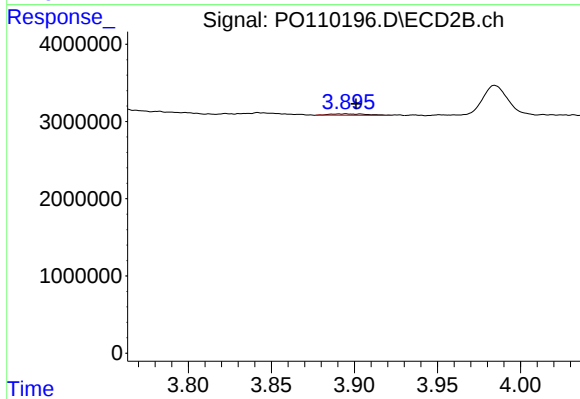
#7 AR-1016-5

R.T.: 5.216 min
Delta R.T.: -0.006 min
Response: 40965705
Conc: 267.89 ng/ml



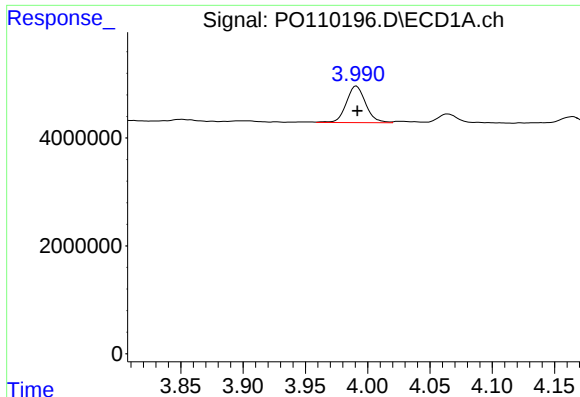
#8 AR-1221-1

R.T.: 3.904 min
Delta R.T.: -0.002 min
Response: 262749
Conc: 2.27 ng/ml



#8 AR-1221-1

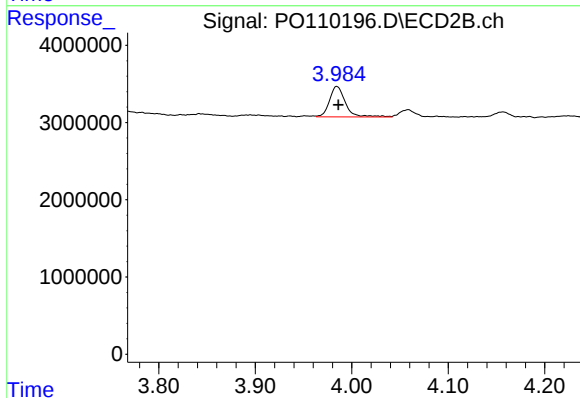
R.T.: 3.895 min
Delta R.T.: -0.006 min
Response: 321467
Conc: 4.81 ng/ml



#9 AR-1221-2

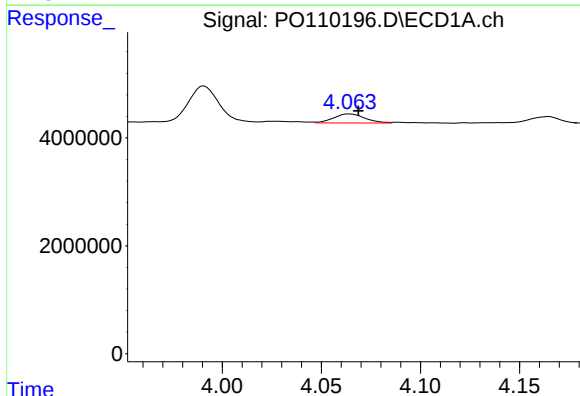
R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 7371316
Conc: 85.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



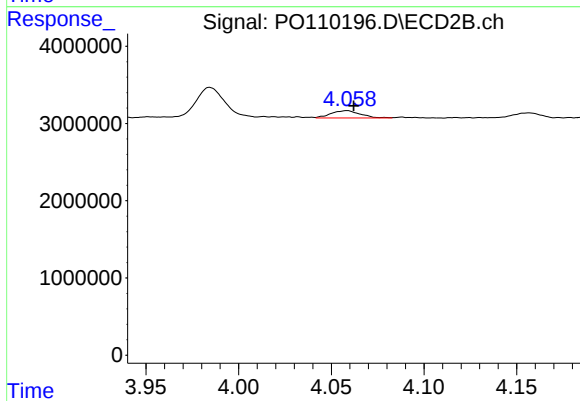
#9 AR-1221-2

R.T.: 3.985 min
Delta R.T.: -0.002 min
Response: 4478089
Conc: 90.68 ng/ml



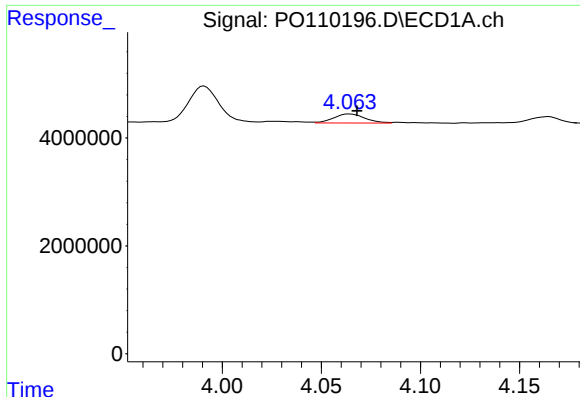
#10 AR-1221-3

R.T.: 4.064 min
Delta R.T.: -0.005 min
Response: 1835922
Conc: 7.02 ng/ml



#10 AR-1221-3

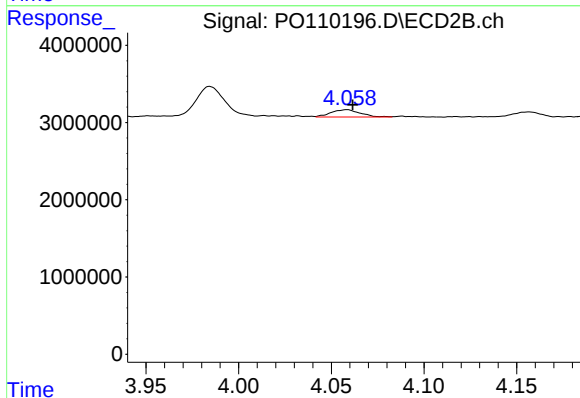
R.T.: 4.058 min
Delta R.T.: -0.004 min
Response: 1048176
Conc: 6.91 ng/ml



#11 AR-1232-1

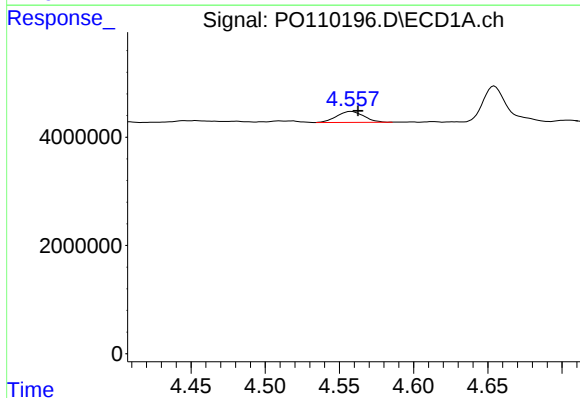
R.T.: 4.064 min
Delta R.T.: -0.004 min
Response: 1835922
Conc: 8.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



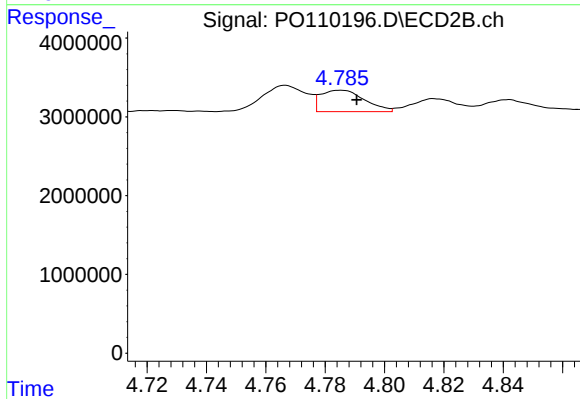
#11 AR-1232-1

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 1048176
Conc: 8.45 ng/ml



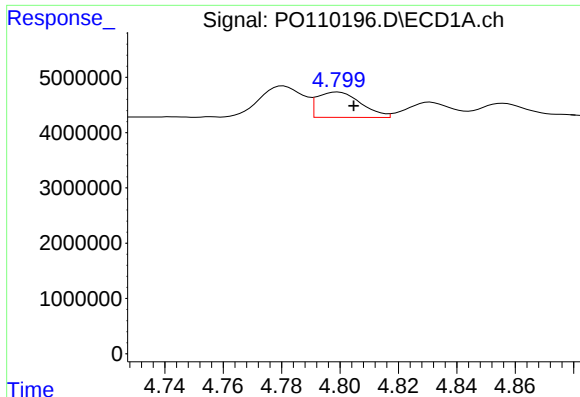
#12 AR-1232-2

R.T.: 4.558 min
Delta R.T.: -0.005 min
Response: 2584071
Conc: 22.51 ng/ml



#12 AR-1232-2

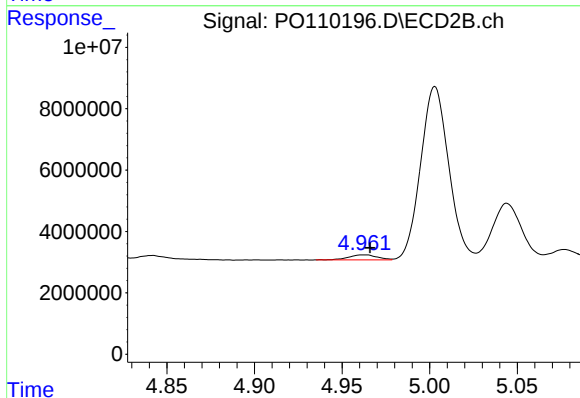
R.T.: 4.785 min
Delta R.T.: -0.005 min
Response: 2787860
Conc: 23.16 ng/ml



#13 AR-1232-3

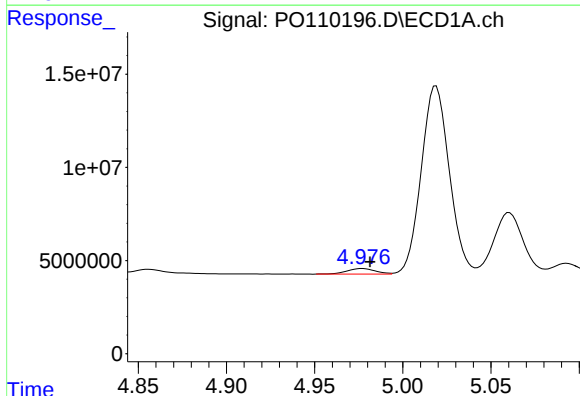
R.T.: 4.799 min
Delta R.T.: -0.005 min
Response: 4764123
Conc: 22.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



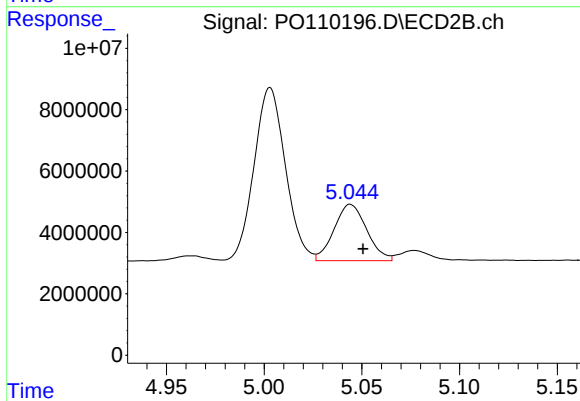
#13 AR-1232-3

R.T.: 4.963 min
Delta R.T.: -0.003 min
Response: 1848105
Conc: 29.03 ng/ml



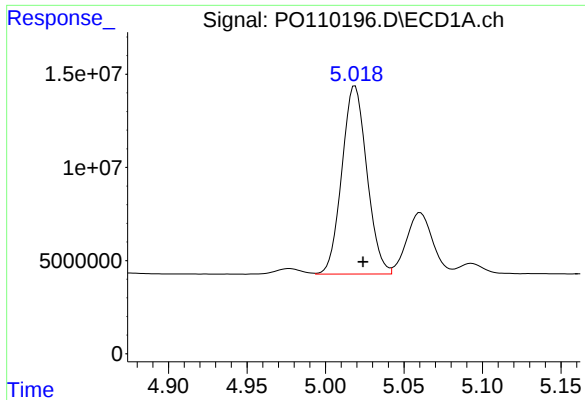
#14 AR-1232-4

R.T.: 4.977 min
Delta R.T.: -0.004 min
Response: 3353877
Conc: 29.53 ng/ml



#14 AR-1232-4

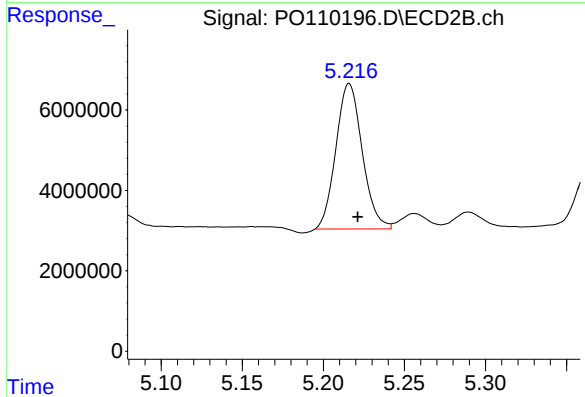
R.T.: 5.044 min
Delta R.T.: -0.006 min
Response: 21356796
Conc: 359.90 ng/ml



#15 AR-1232-5

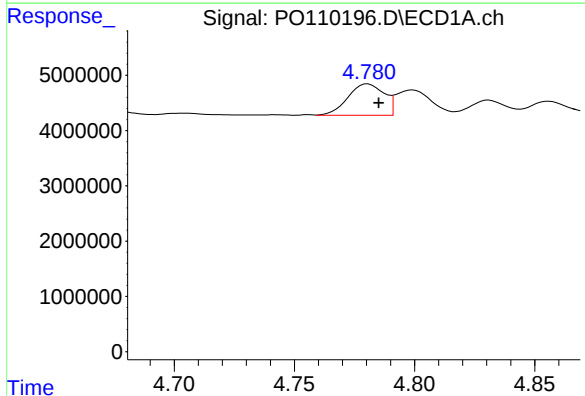
R.T.: 5.019 min
Delta R.T.: -0.005 min
Response: 112042889
Conc: 1392.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



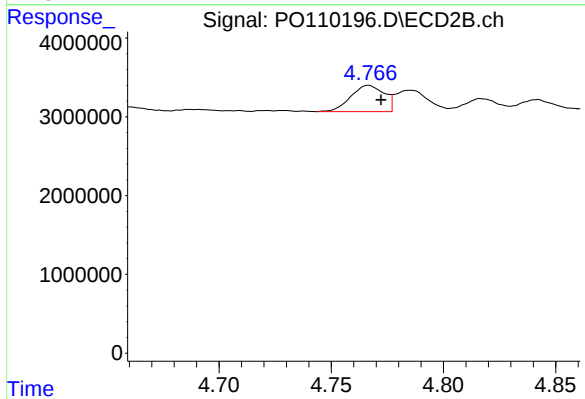
#15 AR-1232-5

R.T.: 5.216 min
Delta R.T.: -0.005 min
Response: 40965705
Conc: 648.01 ng/ml



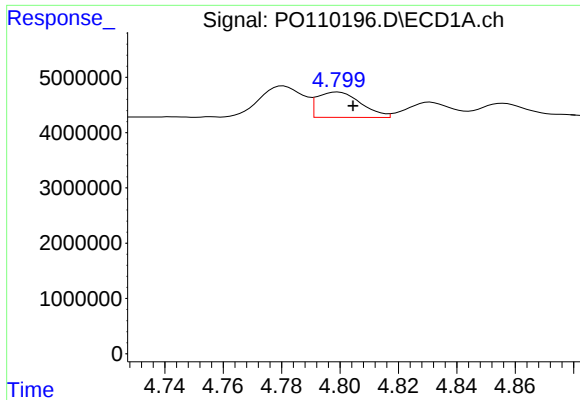
#16 AR-1242-1

R.T.: 4.781 min
Delta R.T.: -0.005 min
Response: 5938701
Conc: 22.21 ng/ml



#16 AR-1242-1

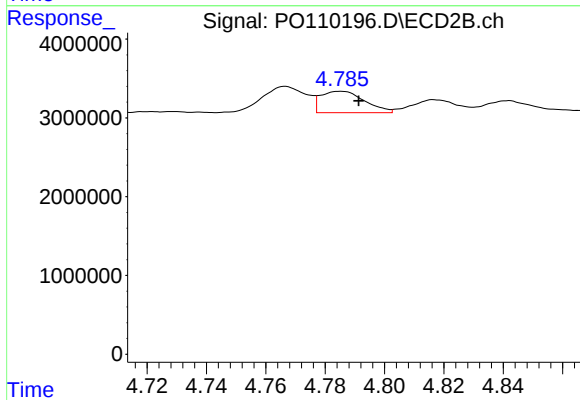
R.T.: 4.767 min
Delta R.T.: -0.006 min
Response: 3458679
Conc: 23.65 ng/ml



#17 AR-1242-2

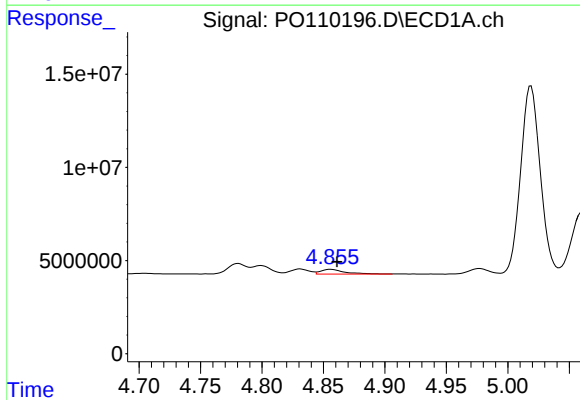
R.T.: 4.799 min
Delta R.T.: -0.005 min
Response: 4764123
Conc: 12.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



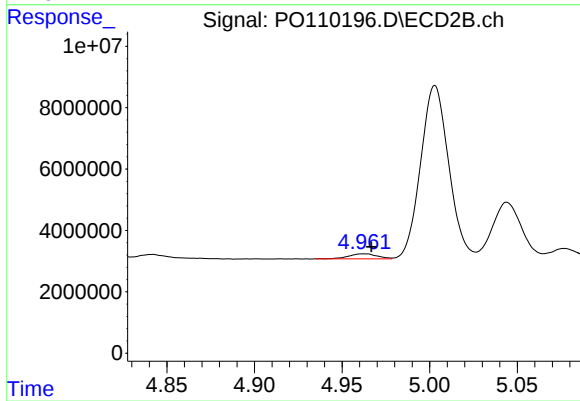
#17 AR-1242-2

R.T.: 4.785 min
Delta R.T.: -0.006 min
Response: 2787860
Conc: 13.40 ng/ml



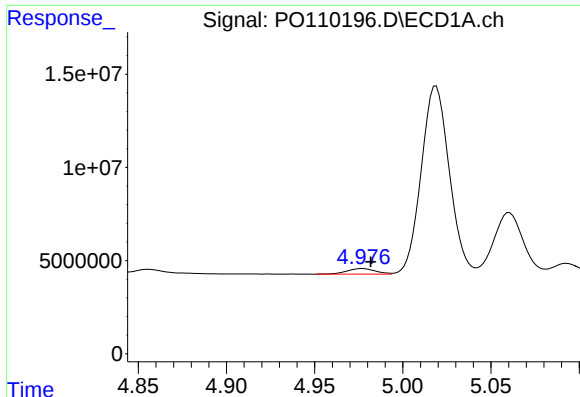
#18 AR-1242-3

R.T.: 4.856 min
Delta R.T.: -0.005 min
Response: 3512531
Conc: 13.62 ng/ml



#18 AR-1242-3

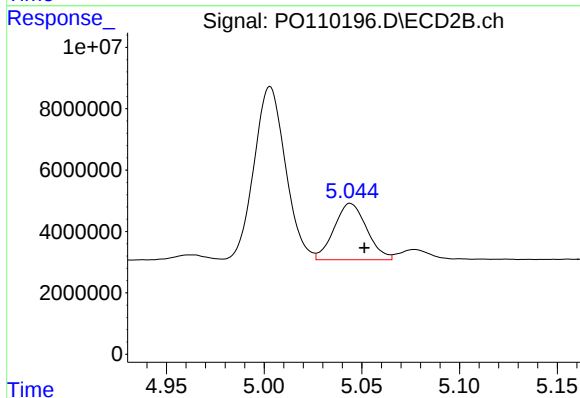
R.T.: 4.963 min
Delta R.T.: -0.004 min
Response: 1848105
Conc: 16.56 ng/ml



#19 AR-1242-4

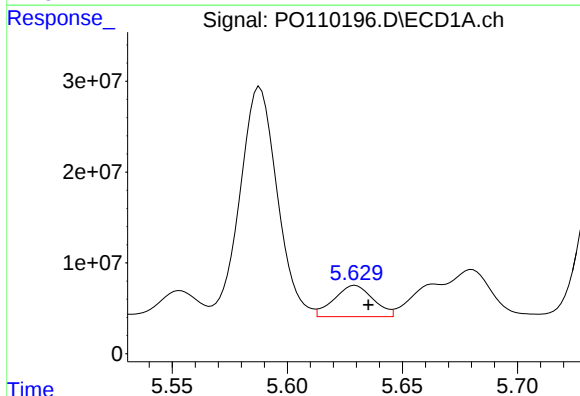
R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 3353877
Conc: 16.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



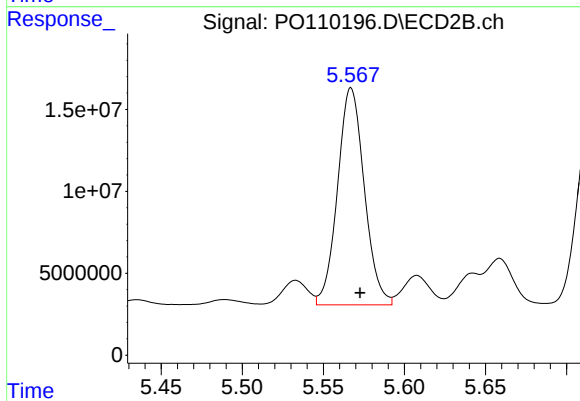
#19 AR-1242-4

R.T.: 5.044 min
Delta R.T.: -0.007 min
Response: 21356796
Conc: 184.15 ng/ml



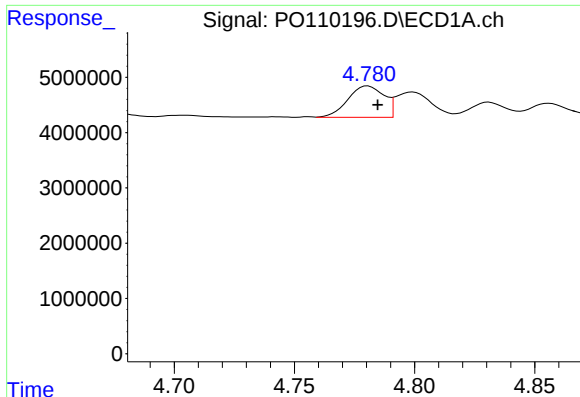
#20 AR-1242-5

R.T.: 5.630 min
Delta R.T.: -0.006 min
Response: 40823781
Conc: 193.43 ng/ml



#20 AR-1242-5

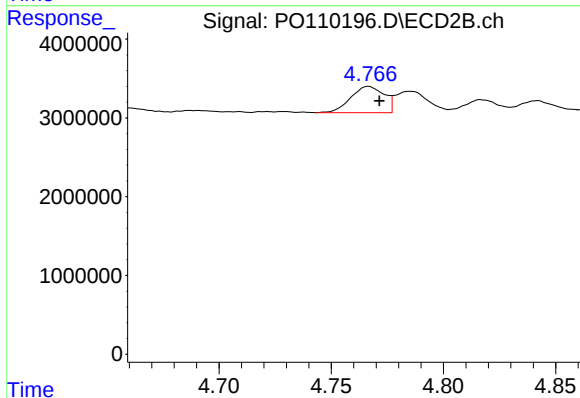
R.T.: 5.567 min
Delta R.T.: -0.006 min
Response: 152198760
Conc: 1108.98 ng/ml



#21 AR-1248-1

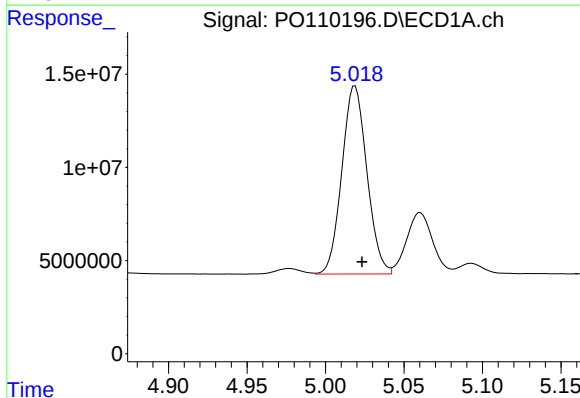
R.T.: 4.781 min
Delta R.T.: -0.004 min
Response: 5938701
Conc: 26.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



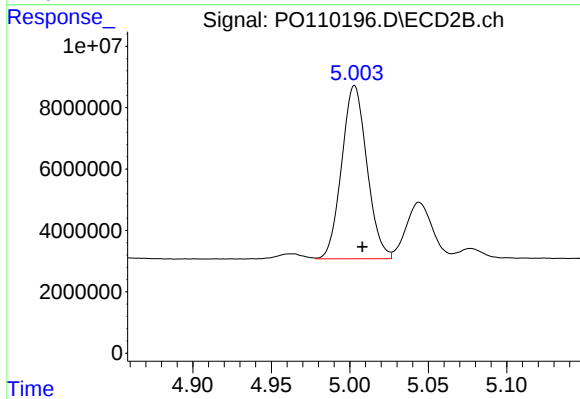
#21 AR-1248-1

R.T.: 4.767 min
Delta R.T.: -0.005 min
Response: 3458679
Conc: 28.46 ng/ml



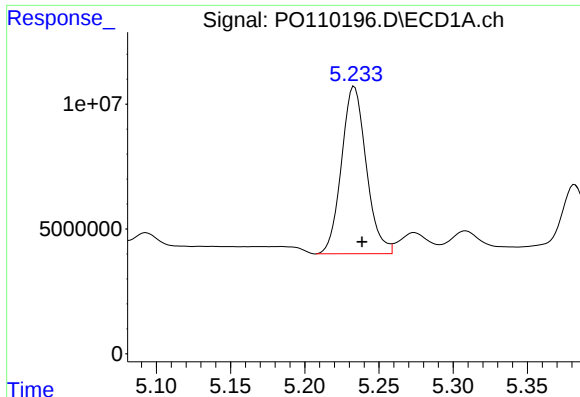
#22 AR-1248-2

R.T.: 5.019 min
Delta R.T.: -0.004 min
Response: 112042889
Conc: 372.00 ng/ml



#22 AR-1248-2

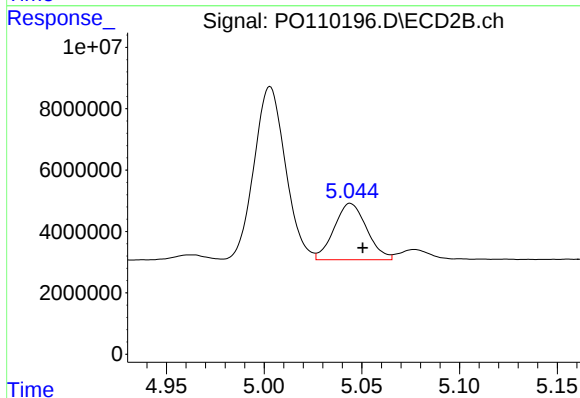
R.T.: 5.003 min
Delta R.T.: -0.005 min
Response: 63208939
Conc: 375.22 ng/ml



#23 AR-1248-3

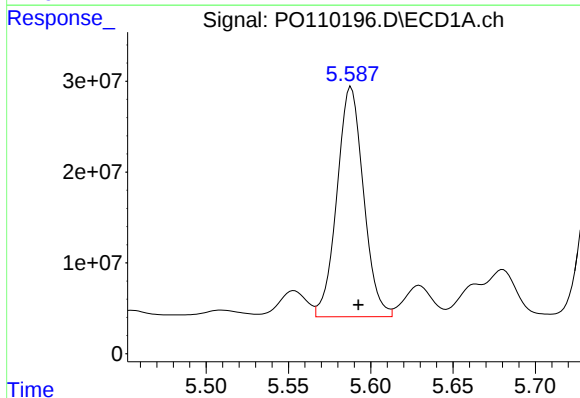
R.T.: 5.233 min
Delta R.T.: -0.005 min
Response: 77813915
Conc: 208.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



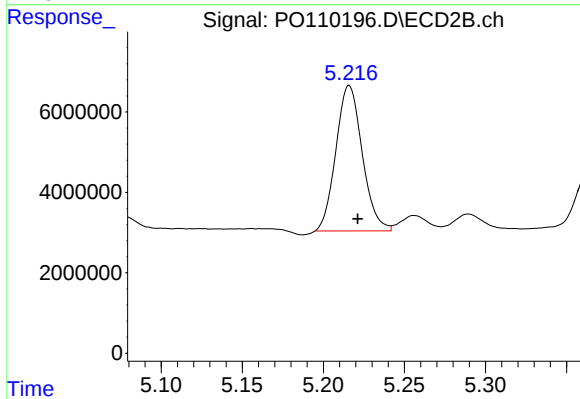
#23 AR-1248-3

R.T.: 5.044 min
Delta R.T.: -0.006 min
Response: 21356796
Conc: 117.87 ng/ml



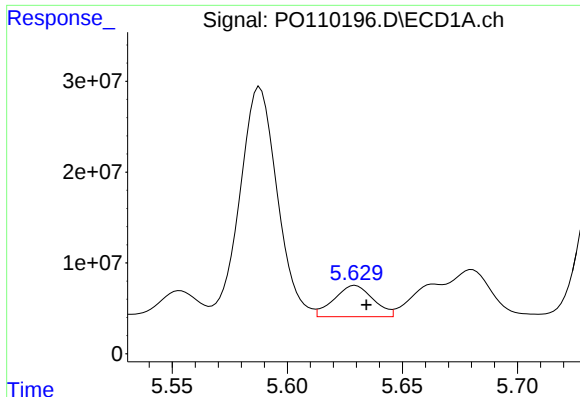
#24 AR-1248-4

R.T.: 5.588 min
Delta R.T.: -0.005 min
Response: 284361774
Conc: 538.54 ng/ml



#24 AR-1248-4

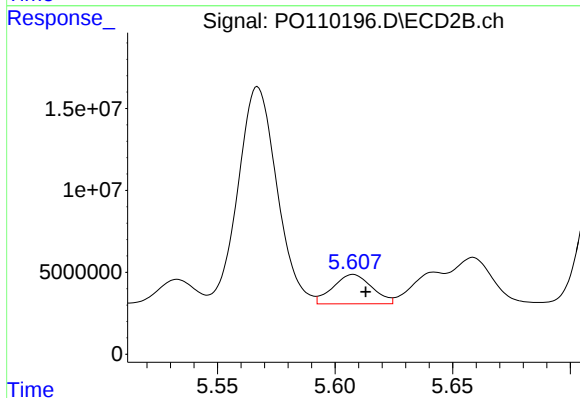
R.T.: 5.216 min
Delta R.T.: -0.005 min
Response: 40965705
Conc: 194.65 ng/ml



#25 AR-1248-5

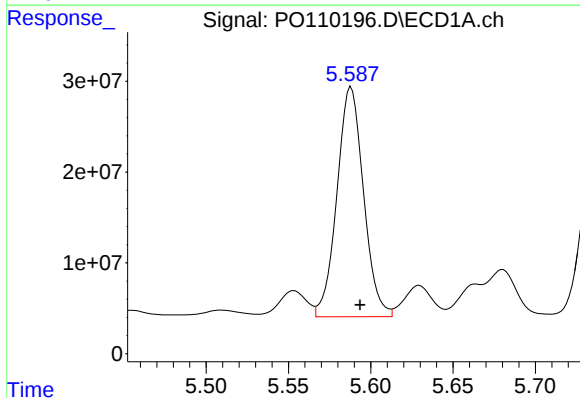
R.T.: 5.630 min
Delta R.T.: -0.005 min
Response: 40823781
Conc: 109.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



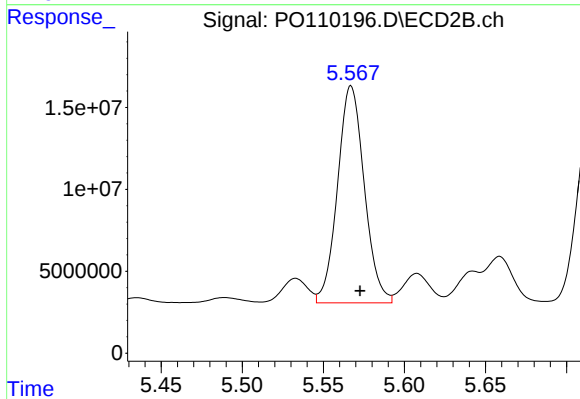
#25 AR-1248-5

R.T.: 5.608 min
Delta R.T.: -0.005 min
Response: 20664299
Conc: 99.41 ng/ml



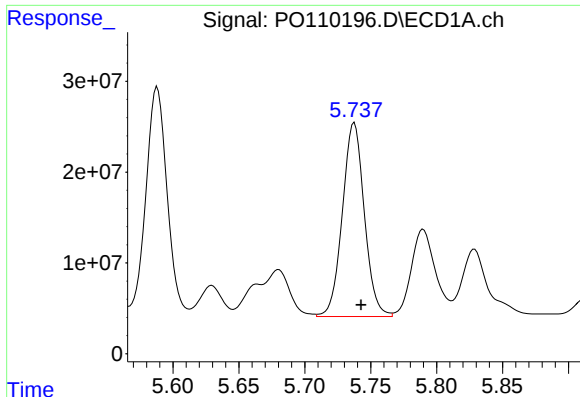
#26 AR-1254-1

R.T.: 5.588 min
Delta R.T.: -0.005 min
Response: 284361774
Conc: 503.07 ng/ml



#26 AR-1254-1

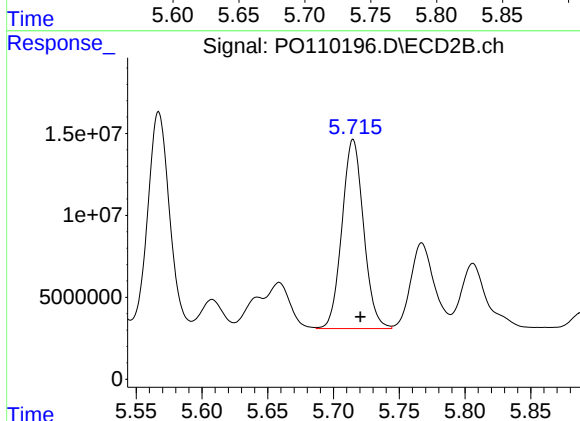
R.T.: 5.567 min
Delta R.T.: -0.006 min
Response: 152198760
Conc: 486.73 ng/ml



#27 AR-1254-2

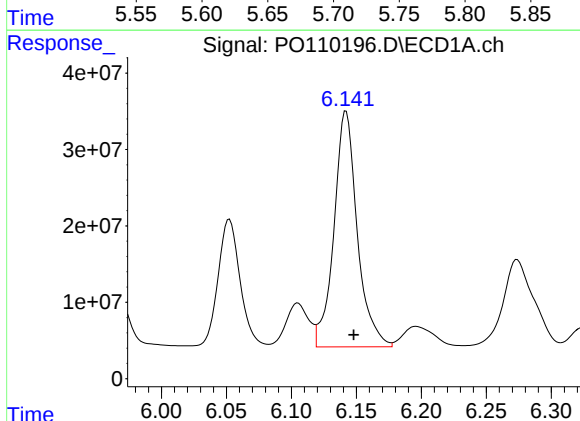
R.T.: 5.738 min
Delta R.T.: -0.005 min
Response: 247371524
Conc: 514.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



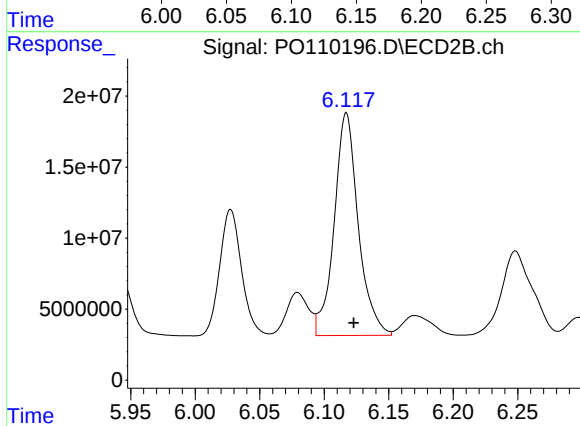
#27 AR-1254-2

R.T.: 5.715 min
Delta R.T.: -0.005 min
Response: 132040080
Conc: 486.27 ng/ml



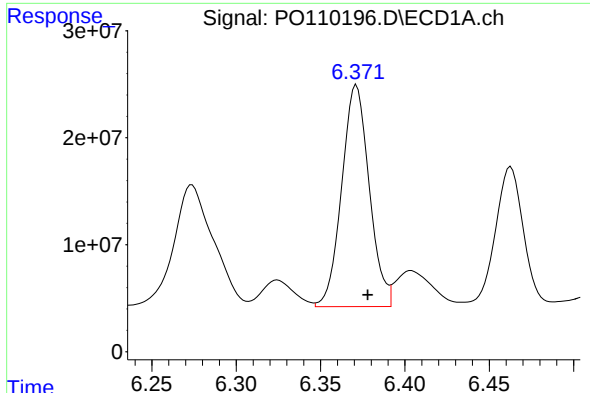
#28 AR-1254-3

R.T.: 6.142 min
Delta R.T.: -0.006 min
Response: 385160060
Conc: 498.21 ng/ml



#28 AR-1254-3

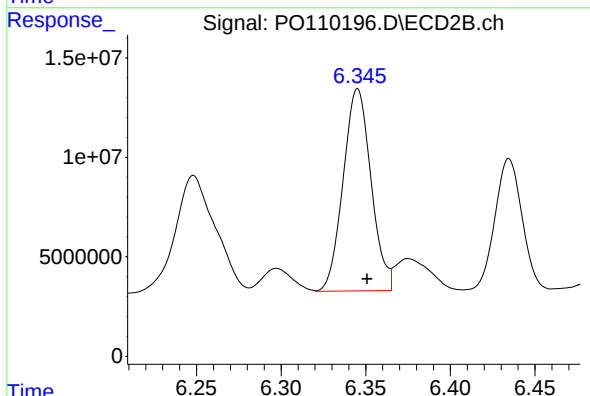
R.T.: 6.117 min
Delta R.T.: -0.006 min
Response: 203905956
Conc: 490.83 ng/ml



#29 AR-1254-4

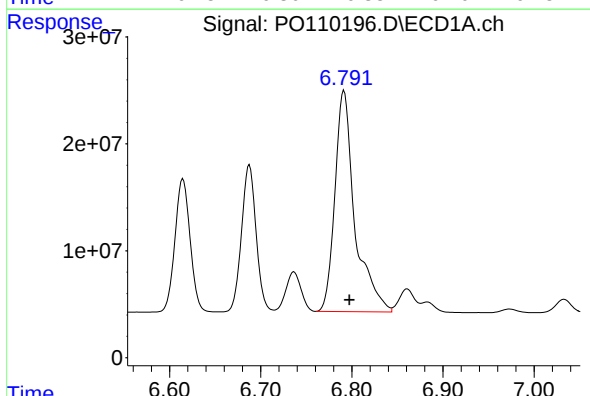
R.T.: 6.371 min
Delta R.T.: -0.007 min
Response: 235317229
Conc: 490.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



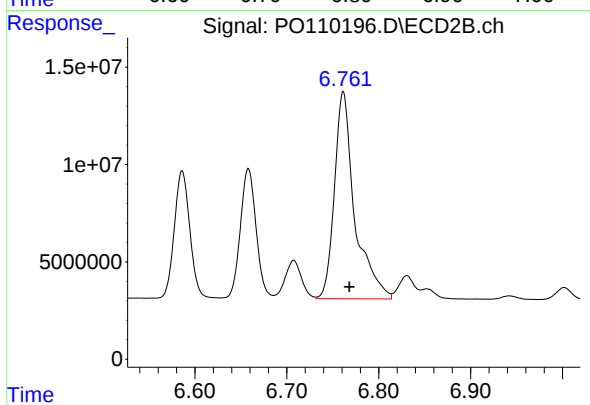
#29 AR-1254-4

R.T.: 6.345 min
Delta R.T.: -0.006 min
Response: 116585365
Conc: 480.62 ng/ml



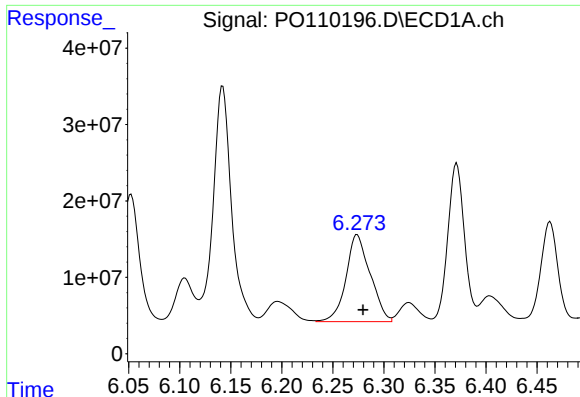
#30 AR-1254-5

R.T.: 6.791 min
Delta R.T.: -0.006 min
Response: 314458083
Conc: 483.67 ng/ml



#30 AR-1254-5

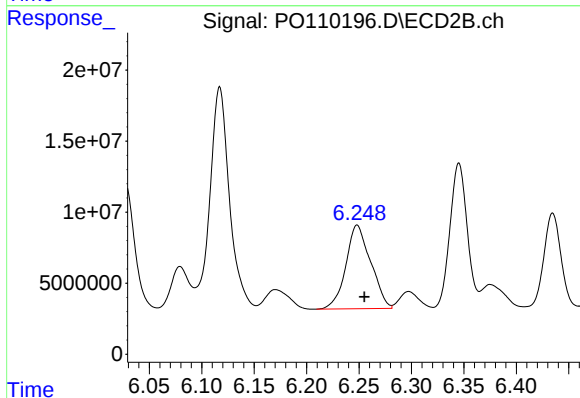
R.T.: 6.761 min
Delta R.T.: -0.007 min
Response: 162973213
Conc: 485.19 ng/ml



#31 AR-1260-1

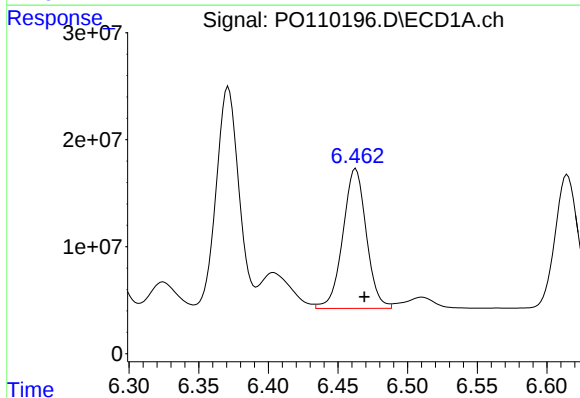
R.T.: 6.274 min
Delta R.T.: -0.006 min
Response: 187948363
Conc: 398.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



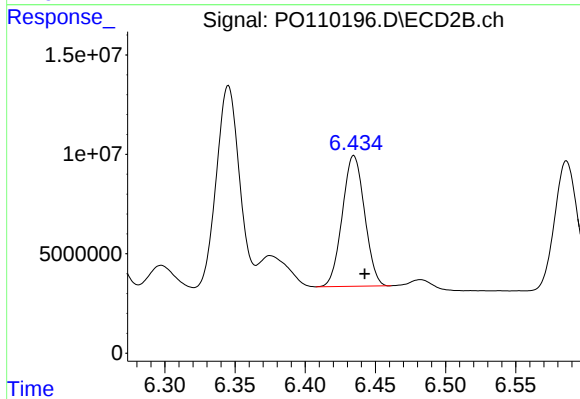
#31 AR-1260-1

R.T.: 6.248 min
Delta R.T.: -0.007 min
Response: 97020726
Conc: 379.82 ng/ml



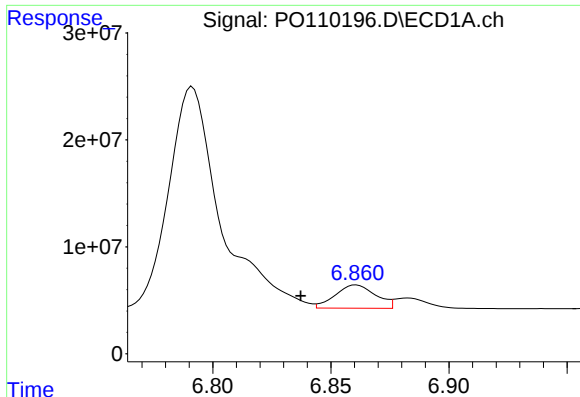
#32 AR-1260-2

R.T.: 6.463 min
Delta R.T.: -0.006 min
Response: 153146827
Conc: 257.17 ng/ml



#32 AR-1260-2

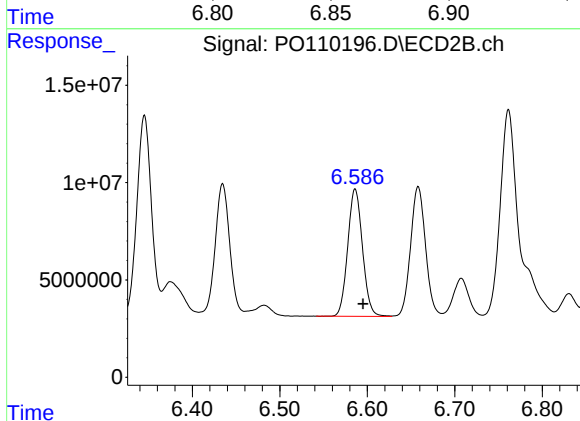
R.T.: 6.435 min
Delta R.T.: -0.008 min
Response: 72543466
Conc: 241.58 ng/ml



#33 AR-1260-3

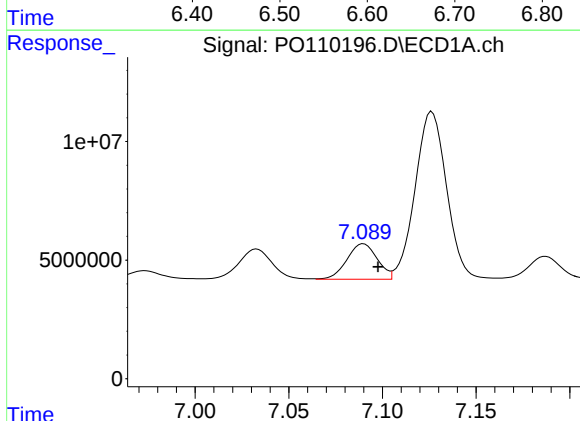
R.T.: 6.861 min
Delta R.T.: 0.024 min
Response: 25788162
Conc: 53.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



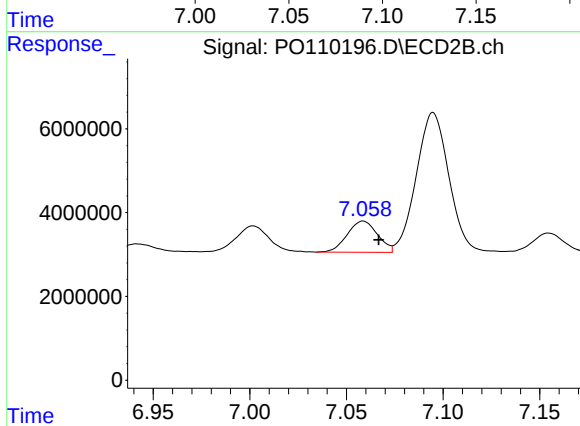
#33 AR-1260-3

R.T.: 6.586 min
Delta R.T.: -0.009 min
Response: 76649824
Conc: 265.24 ng/ml



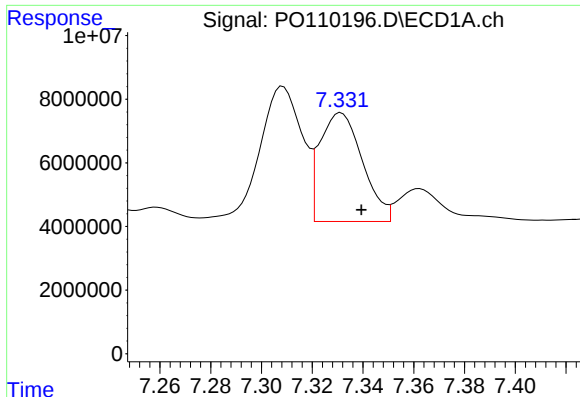
#34 AR-1260-4

R.T.: 7.090 min
Delta R.T.: -0.008 min
Response: 16866111
Conc: 39.76 ng/ml



#34 AR-1260-4

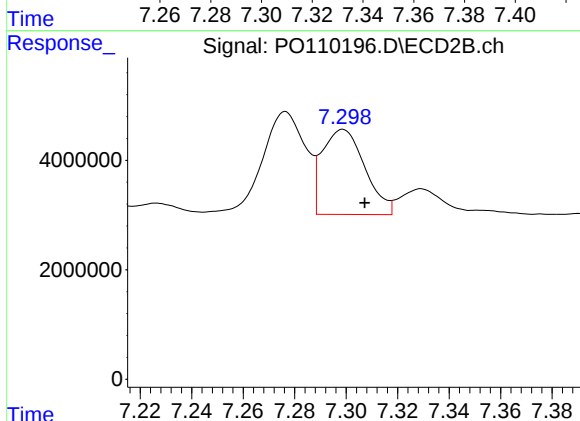
R.T.: 7.059 min
Delta R.T.: -0.008 min
Response: 8127772
Conc: 37.79 ng/ml



#35 AR-1260-5

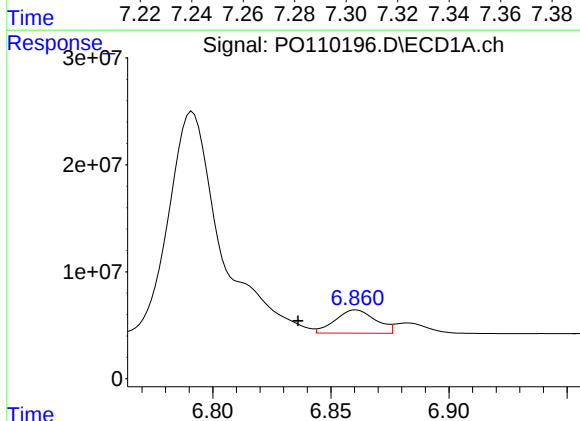
R.T.: 7.331 min
Delta R.T.: -0.008 min
Response: 39919935
Conc: 38.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



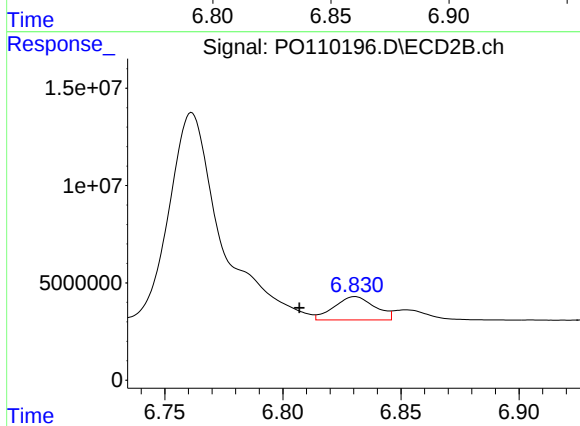
#35 AR-1260-5

R.T.: 7.299 min
Delta R.T.: -0.008 min
Response: 17890420
Conc: 35.87 ng/ml



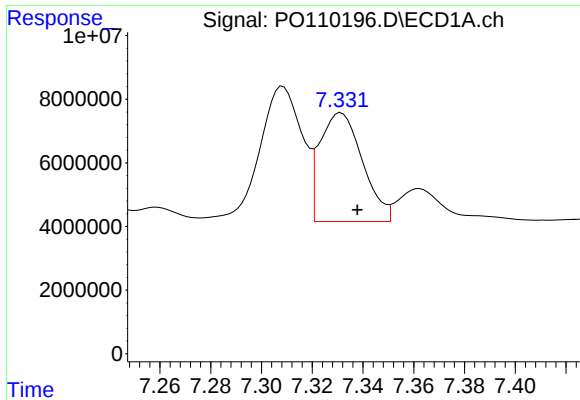
#36 AR-1262-1

R.T.: 6.861 min
Delta R.T.: 0.025 min
Response: 25788162
Conc: 37.48 ng/ml



#36 AR-1262-1

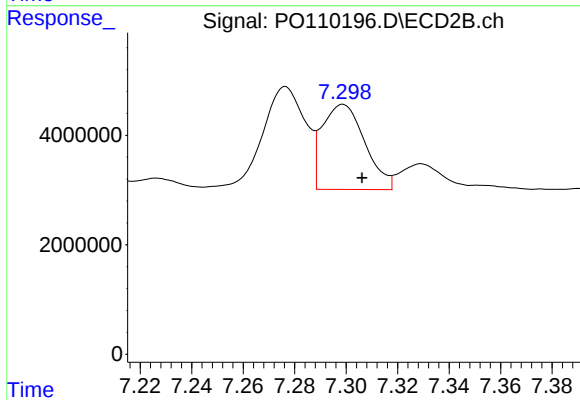
R.T.: 6.831 min
Delta R.T.: 0.024 min
Response: 14372875
Conc: 41.74 ng/ml



#37 AR-1262-2

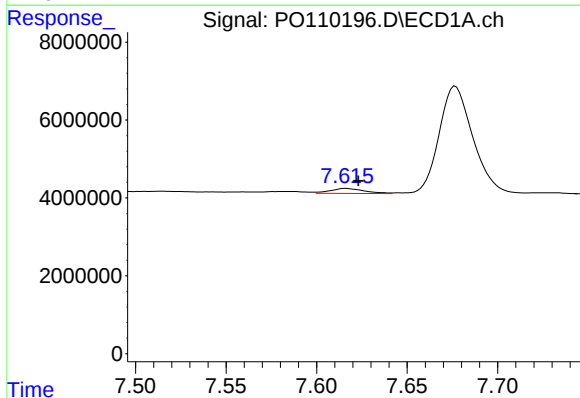
R.T.: 7.331 min
Delta R.T.: -0.006 min
Response: 39919935
Conc: 33.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



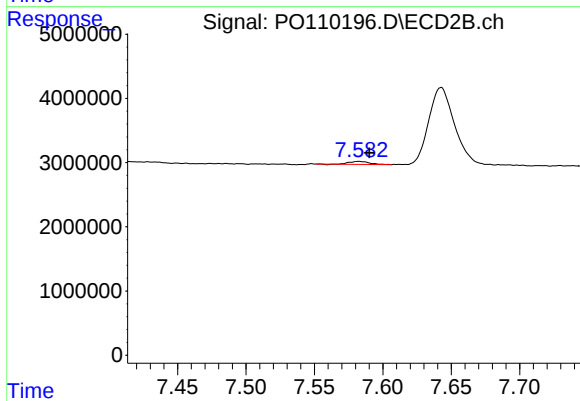
#37 AR-1262-2

R.T.: 7.299 min
Delta R.T.: -0.007 min
Response: 17890420
Conc: 33.30 ng/ml



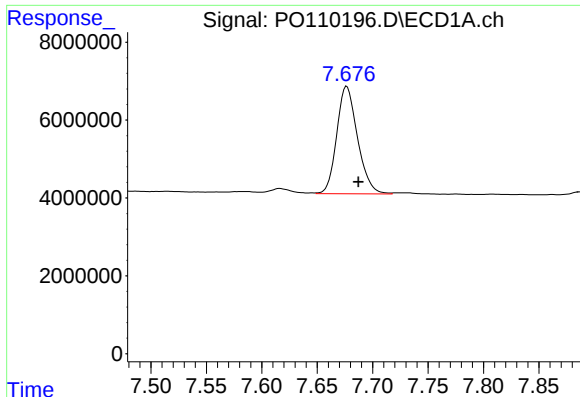
#38 AR-1262-3

R.T.: 7.616 min
Delta R.T.: -0.007 min
Response: 1666804
Conc: 3.54 ng/ml



#38 AR-1262-3

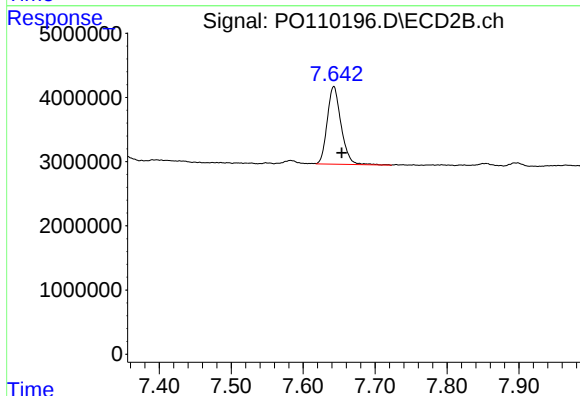
R.T.: 7.582 min
Delta R.T.: -0.008 min
Response: 491125
Conc: 2.53 ng/ml



#39 AR-1262-4

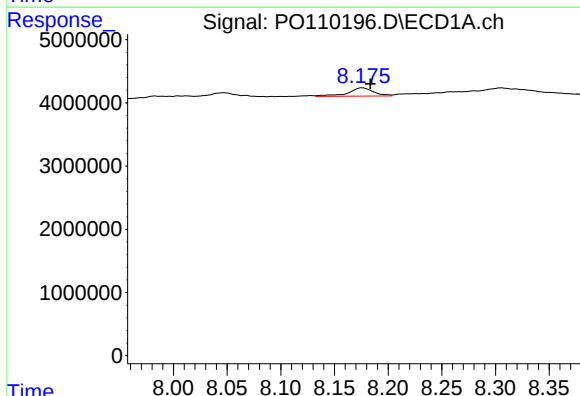
R.T.: 7.677 min
Delta R.T.: -0.011 min
Response: 36034779
Conc: 41.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



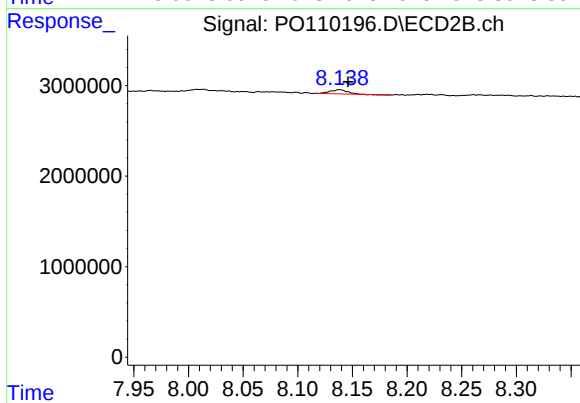
#39 AR-1262-4

R.T.: 7.643 min
Delta R.T.: -0.011 min
Response: 16215090
Conc: 44.82 ng/ml



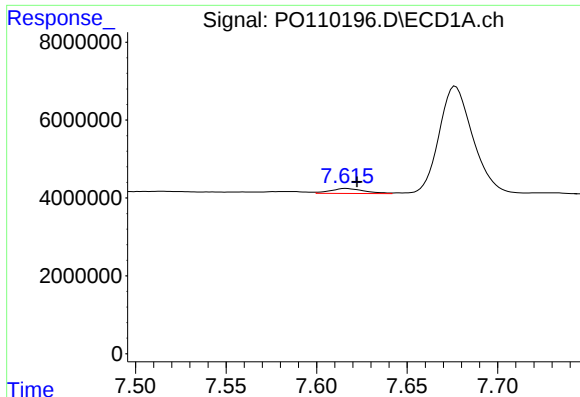
#40 AR-1262-5

R.T.: 8.176 min
Delta R.T.: -0.008 min
Response: 2189955
Conc: 5.55 ng/ml



#40 AR-1262-5

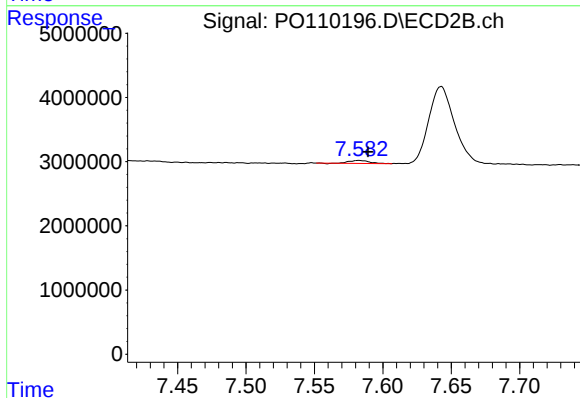
R.T.: 8.138 min
Delta R.T.: -0.008 min
Response: 479202
Conc: 3.39 ng/ml



#41 AR-1268-1

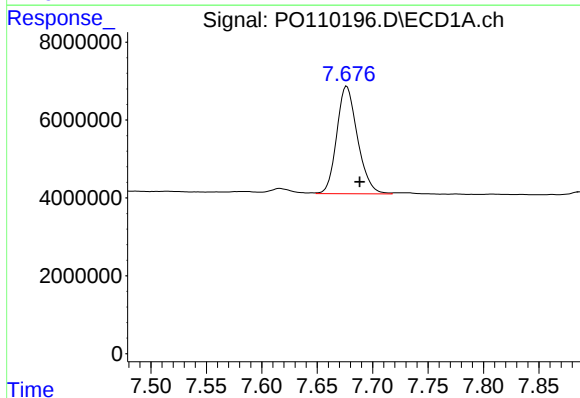
R.T.: 7.616 min
Delta R.T.: -0.006 min
Response: 1666804
Conc: 1.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



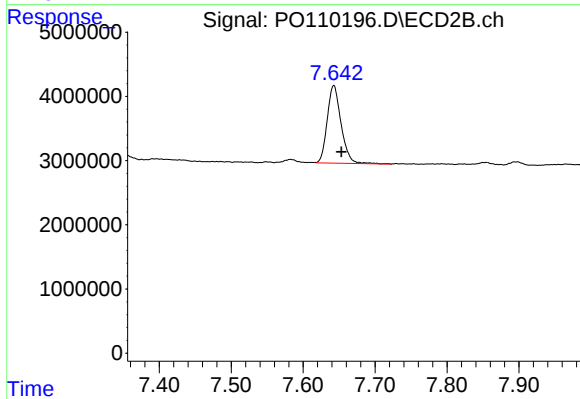
#41 AR-1268-1

R.T.: 7.582 min
Delta R.T.: -0.007 min
Response: 491125
Conc: 0.84 ng/ml



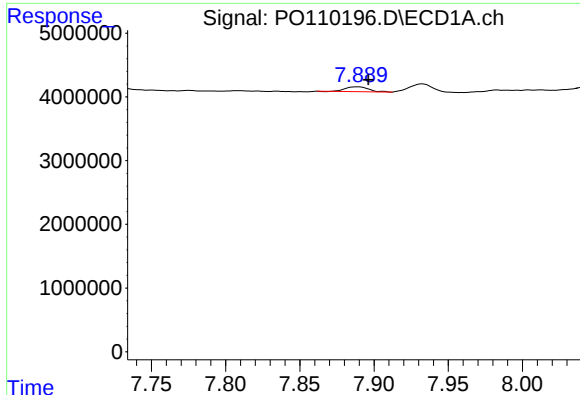
#42 AR-1268-2

R.T.: 7.677 min
Delta R.T.: -0.012 min
Response: 36034779
Conc: 28.15 ng/ml



#42 AR-1268-2

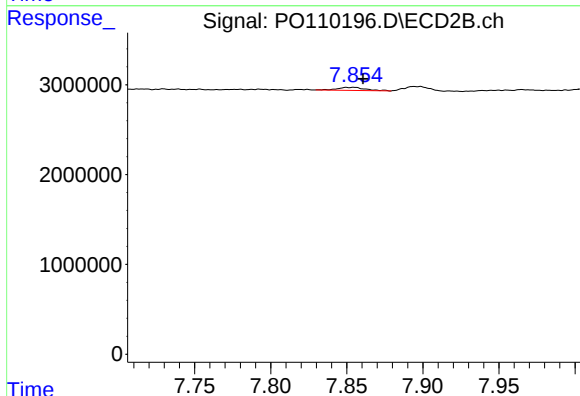
R.T.: 7.643 min
Delta R.T.: -0.010 min
Response: 16215090
Conc: 30.16 ng/ml



#43 AR-1268-3

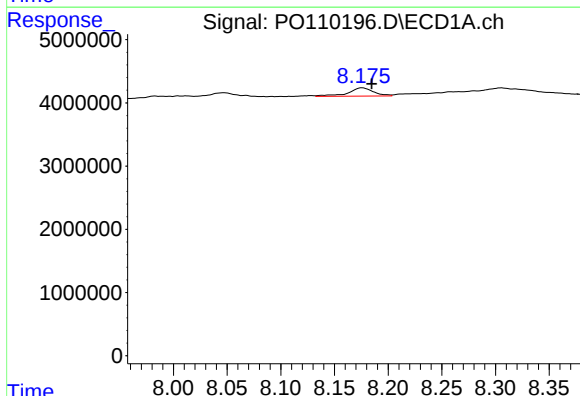
R.T.: 7.889 min
Delta R.T.: -0.007 min
Response: 824250
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



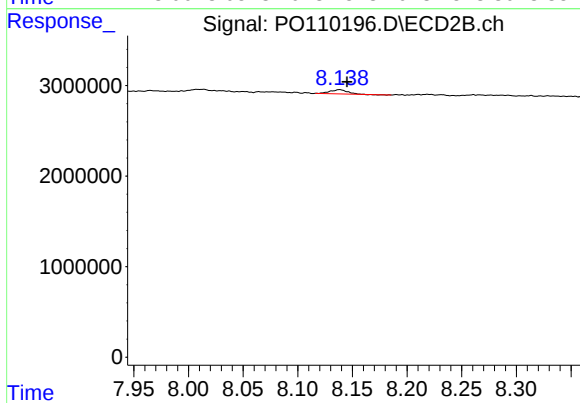
#43 AR-1268-3

R.T.: 7.855 min
Delta R.T.: -0.006 min
Response: 434635
Conc: 1.05 ng/ml



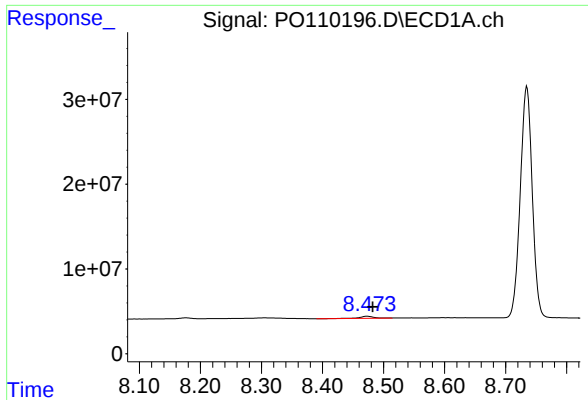
#44 AR-1268-4

R.T.: 8.176 min
Delta R.T.: -0.009 min
Response: 2189955
Conc: 4.95 ng/ml



#44 AR-1268-4

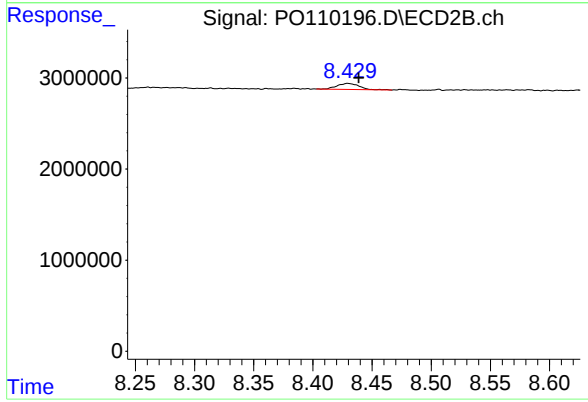
R.T.: 8.138 min
Delta R.T.: -0.007 min
Response: 479202
Conc: 2.98 ng/ml



#45 AR-1268-5

R.T.: 8.473 min
Delta R.T.: -0.009 min
Response: 4261033
Conc: 1.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.430 min
Delta R.T.: -0.009 min
Response: 869772
Conc: 0.88 ng/ml