

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012020\
 Data File : PR044400.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2020 21:22
 Operator : DD\AJ
 Sample : L1161-02
 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 03:18:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 21 02:46:28 2020
 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...	4.700	3.961	143.0E6	291.6E6	19.284	18.443
2)	SA Decachlor...	10.592	9.039	164.3E6	293.7E6	21.501	20.636
Target Compounds							
3)	L1 AR-1016-1	5.875	5.051	15614458	24873626	57.414	55.137
4)	L1 AR-1016-2	5.898	5.071	21348311	33768564	55.497	54.750
5)	L1 AR-1016-3	5.961	5.249	12952716	15731104	57.078	51.763
6)	L1 AR-1016-4	6.061	5.288	10536053	13082934	55.463	56.992
7)	L1 AR-1016-5	6.354	5.504	10353059	16796900	55.929	53.412
8)	L2 AR-1221-1	4.903	4.169	1075144	2465032	14.625	14.803
9)	L2 AR-1221-2	5.006	4.263	2915013	6529155	53.205	52.956
10)	L2 AR-1221-3	5.074	4.335	6669718	14735342	37.599	38.235
11)	L3 AR-1232-1	5.074	4.335	6669718	14735342	47.567	48.319
12)	L3 AR-1232-2	5.607	5.071	10488674	33768564	142.231	136.969
13)	L3 AR-1232-3	5.898	5.249	21348311	15731104	142.202	130.451
14)	L3 AR-1232-4	6.061	5.332	10536053	15174499	141.663	155.031
15)	L3 AR-1232-5	6.146	5.504	9634704	16796900	174.273	149.522
16)	L4 AR-1242-1	5.875	5.051	15614458	24873626	81.214	79.788
17)	L4 AR-1242-2	5.898	5.071	21348311	33768564	78.487	79.032
18)	L4 AR-1242-3	5.961	5.249	12952716	15731104	79.879	74.024
19)	L4 AR-1242-4	6.061	5.332	10536053	15174499	77.684	78.738
20)	L4 AR-1242-5	6.797	5.857	2039461	17839876	13.363	57.799 #
21)	L5 AR-1248-1	5.875	5.051	15614458	24873626	102.957	98.593
22)	L5 AR-1248-2	6.146	5.288	9634704	13082934	47.262	47.754
23)	L5 AR-1248-3	6.354	5.332	10353059	15174499	45.469	54.110
24)	L5 AR-1248-4	6.756	5.504	2036560	16796900	7.523	46.484 #
25)	L5 AR-1248-5	6.797	5.897	2039461	7237155	7.970	17.259 #
26)	L6 AR-1254-1	6.730	5.857	8058483	17839876	30.749	28.745
27)	L6 AR-1254-2	6.946	6.003	8578224	17363161	21.083	31.242 #
28)	L6 AR-1254-3	7.317	6.422	5414871	42168341	12.299	44.557 #
29)	L6 AR-1254-4	7.602	6.636	3626728	14798431	10.744	20.539 #
30)	L6 AR-1254-5	8.020	7.056	27190213	40326440	76.417	47.221 #
31)	L7 AR-1260-1	7.478	6.538	19527933	52098651	58.511	76.399 #
32)	L7 AR-1260-2	7.733	6.725	23144707	63478368	56.675	63.565
33)	L7 AR-1260-3	8.093	6.880	18192277	49781994	58.516	61.380
34)	L7 AR-1260-4	8.331	7.351	20945274	52505332	57.342	72.800 #
35)	L7 AR-1260-5	8.668	7.592	42163857	141.0E6	54.037	65.218
36)	L8 AR-1262-1	8.093	7.091	18192277	53563995	41.095	44.338
37)	L8 AR-1262-2	8.668	7.592	42163857	141.0E6	49.503	63.271 #
38)	L8 AR-1262-3	9.018	7.875	26263337	26397966	47.643	29.855 #
39)	L8 AR-1262-4	9.075	7.940	18939006	71769569	44.412	48.835
40)	L8 AR-1262-5	9.792	8.453	13683687	28878398	44.287	42.297
41)	L9 AR-1268-1	9.018	7.875	26263337	26397966	24.968	9.878 #

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 ALS Vial : 22 Sample Multiplier: 1

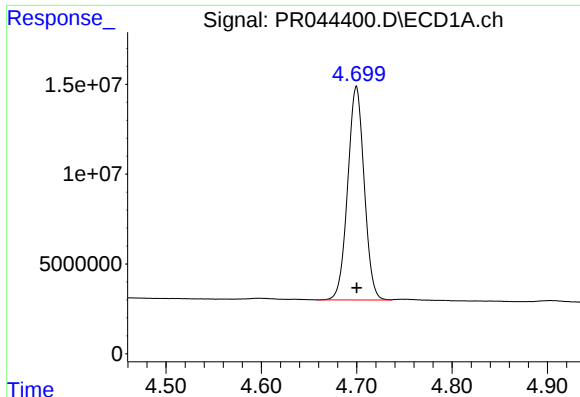
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 03:18:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012020.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	9.075	7.940	18939006	71769569	19.114	31.388 #
43) L9	AR-1268-3	9.336	8.148	2821490	36245747	3.411	18.600 #
44) L9	AR-1268-4	9.792	8.453	13683687	28878398	38.653	36.549
45) L9	AR-1268-5	10.233	8.766	4858189	8770650	1.688	1.564

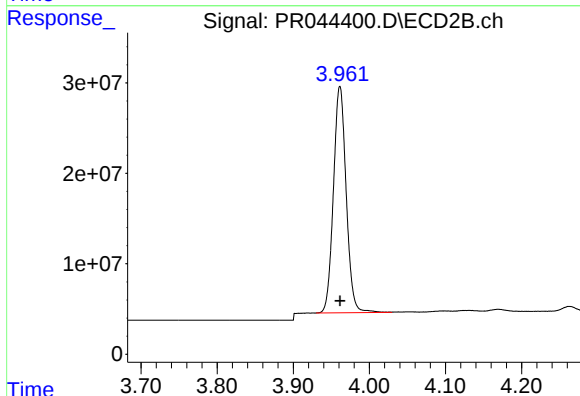
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

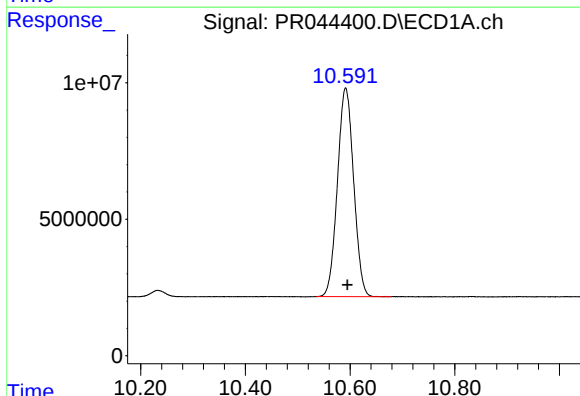
R.T.: 4.700 min
Delta R.T.: 0.000 min
Response: 142965737
Conc: 19.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



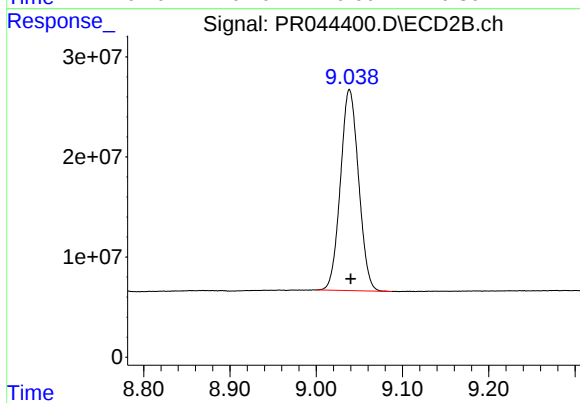
#1 Tetrachloro-m-xylene

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 291639291
Conc: 18.44 ng/ml



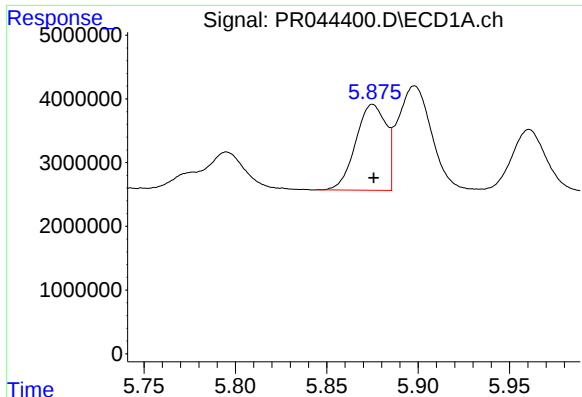
#2 Decachlorobiphenyl

R.T.: 10.592 min
Delta R.T.: -0.003 min
Response: 164253289
Conc: 21.50 ng/ml



#2 Decachlorobiphenyl

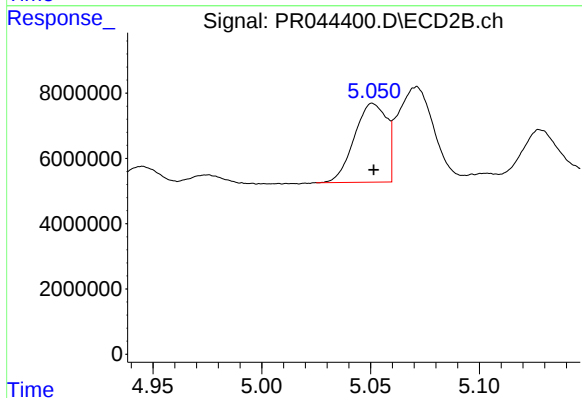
R.T.: 9.039 min
Delta R.T.: -0.001 min
Response: 293659264
Conc: 20.64 ng/ml



#3 AR-1016-1

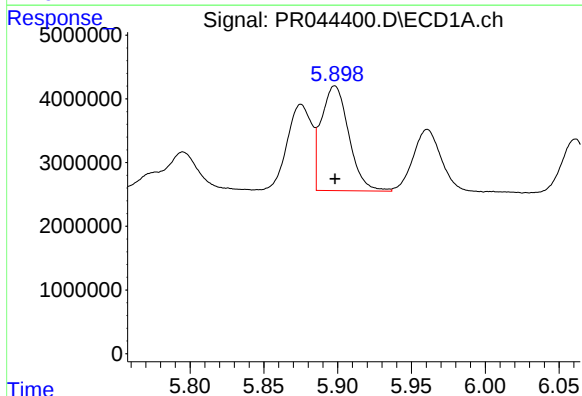
R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 15614458
Conc: 57.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



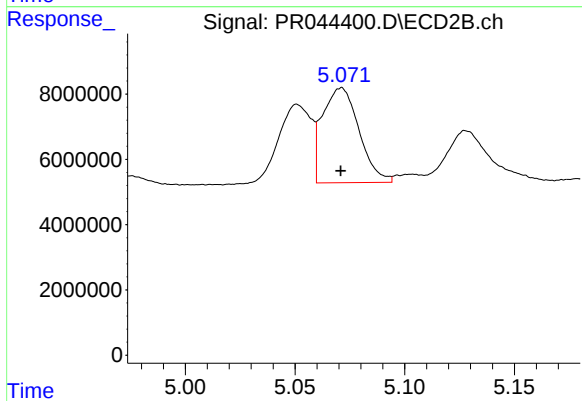
#3 AR-1016-1

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 24873626
Conc: 55.14 ng/ml



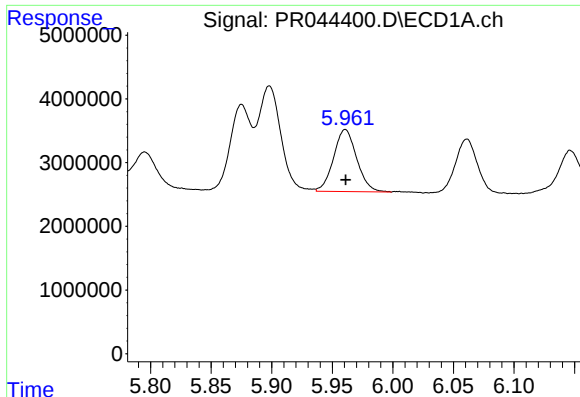
#4 AR-1016-2

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 21348311
Conc: 55.50 ng/ml



#4 AR-1016-2

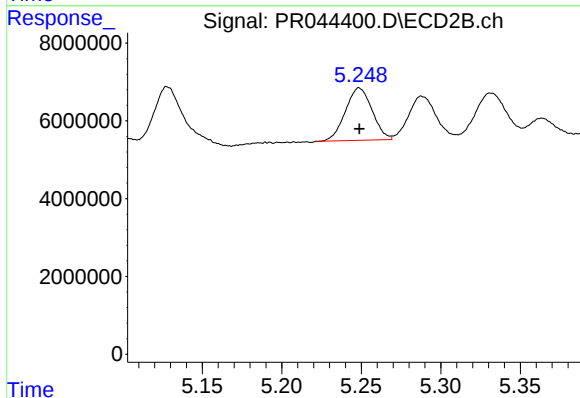
R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 33768564
Conc: 54.75 ng/ml



#5 AR-1016-3

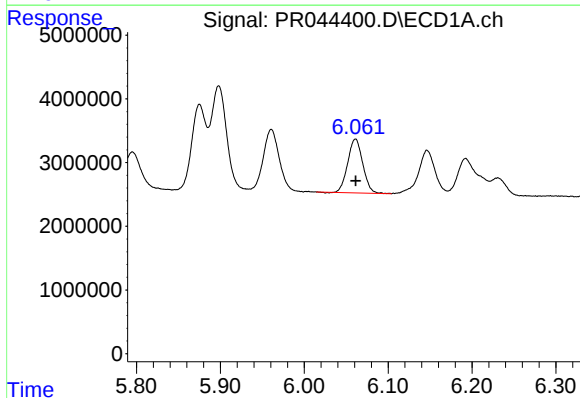
R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 12952716
Conc: 57.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



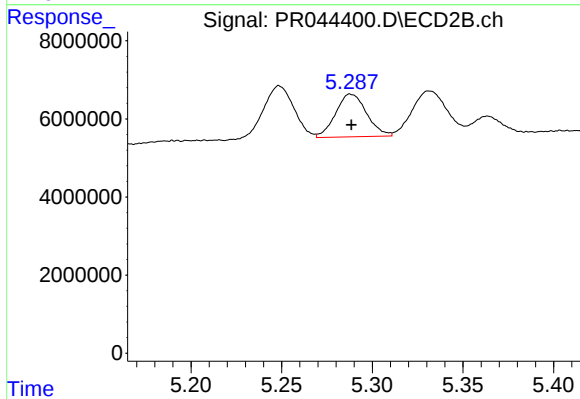
#5 AR-1016-3

R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 15731104
Conc: 51.76 ng/ml



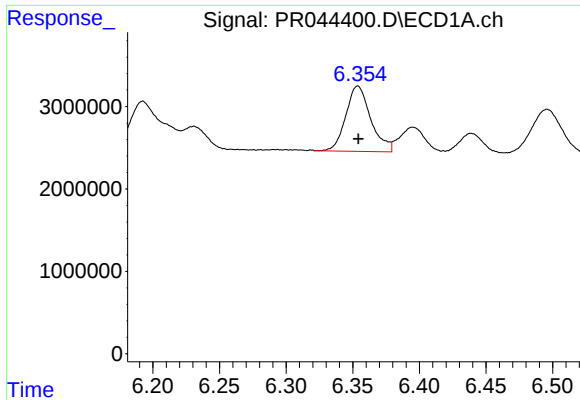
#6 AR-1016-4

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 10536053
Conc: 55.46 ng/ml



#6 AR-1016-4

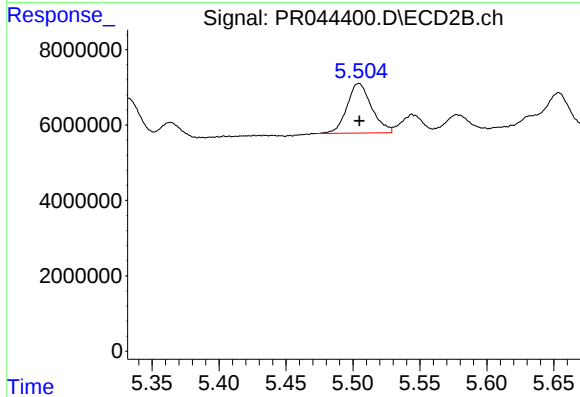
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 13082934
Conc: 56.99 ng/ml



#7 AR-1016-5

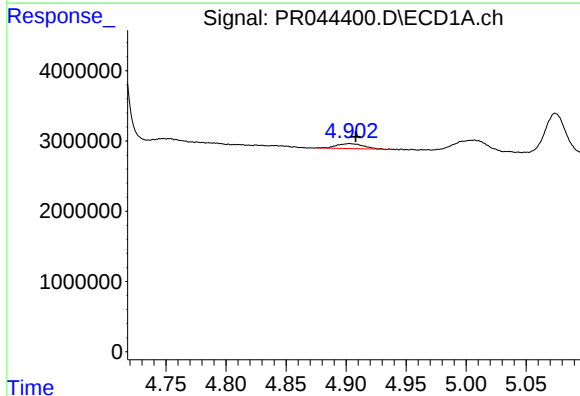
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 10353059
Conc: 55.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



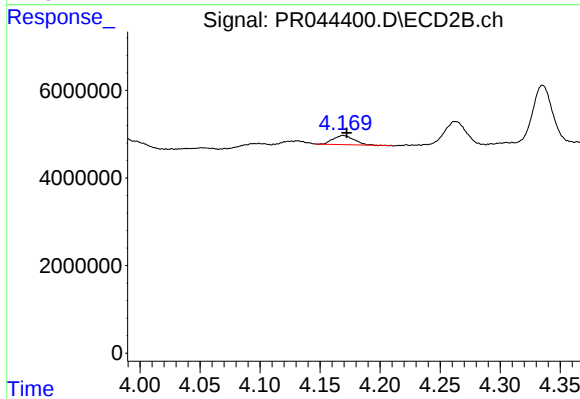
#7 AR-1016-5

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 16796900
Conc: 53.41 ng/ml



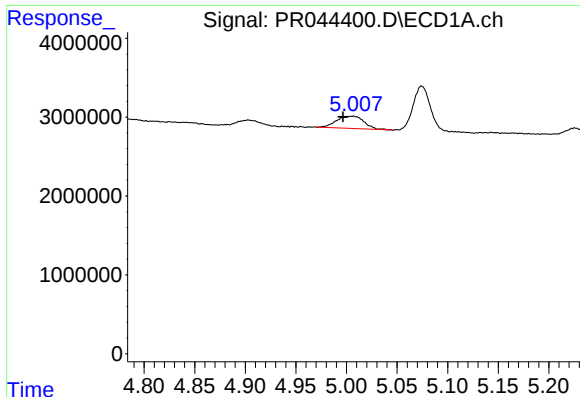
#8 AR-1221-1

R.T.: 4.903 min
Delta R.T.: -0.005 min
Response: 1075144
Conc: 14.63 ng/ml



#8 AR-1221-1

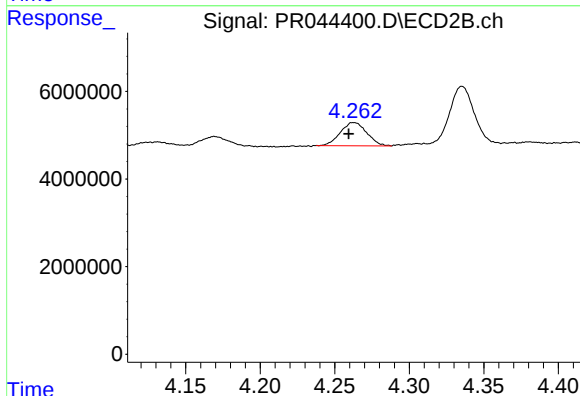
R.T.: 4.169 min
Delta R.T.: -0.003 min
Response: 2465032
Conc: 14.80 ng/ml



#9 AR-1221-2

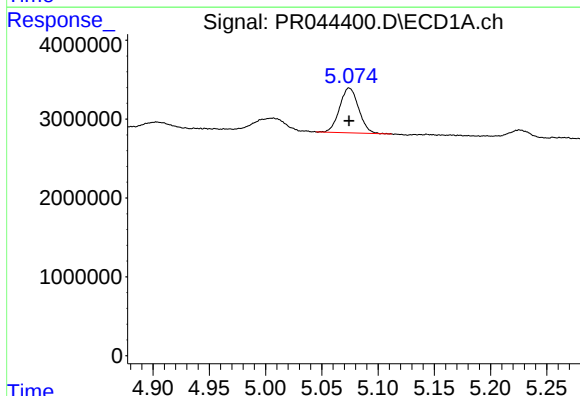
R.T.: 5.006 min
Delta R.T.: 0.010 min
Response: 2915013
Conc: 53.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



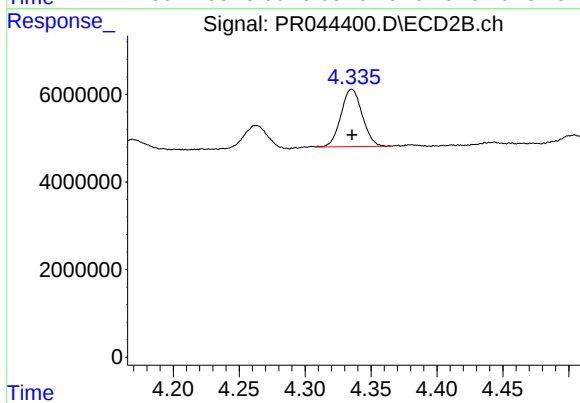
#9 AR-1221-2

R.T.: 4.263 min
Delta R.T.: 0.003 min
Response: 6529155
Conc: 52.96 ng/ml



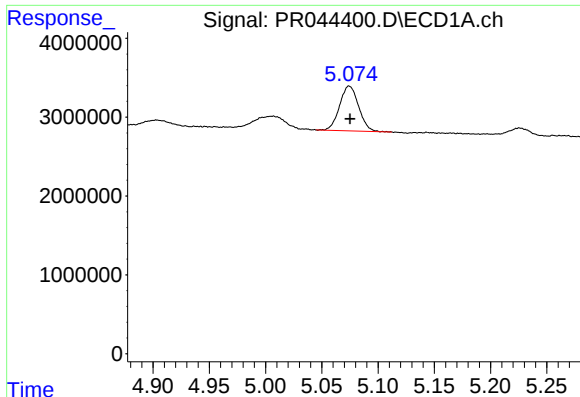
#10 AR-1221-3

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 6669718
Conc: 37.60 ng/ml



#10 AR-1221-3

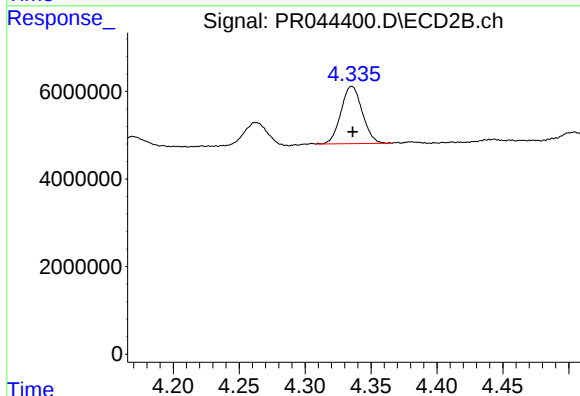
R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 14735342
Conc: 38.23 ng/ml



#11 AR-1232-1

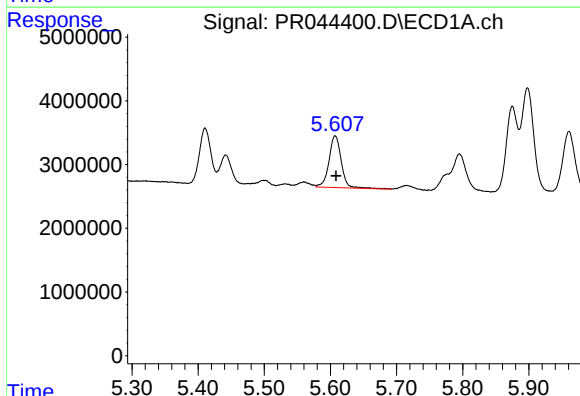
R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 6669718
Conc: 47.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



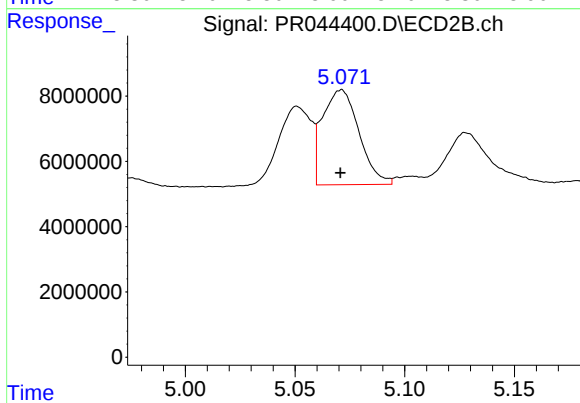
#11 AR-1232-1

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 14735342
Conc: 48.32 ng/ml



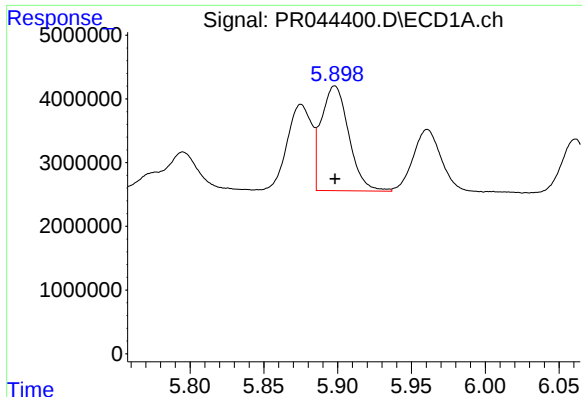
#12 AR-1232-2

R.T.: 5.607 min
Delta R.T.: -0.001 min
Response: 10488674
Conc: 142.23 ng/ml



#12 AR-1232-2

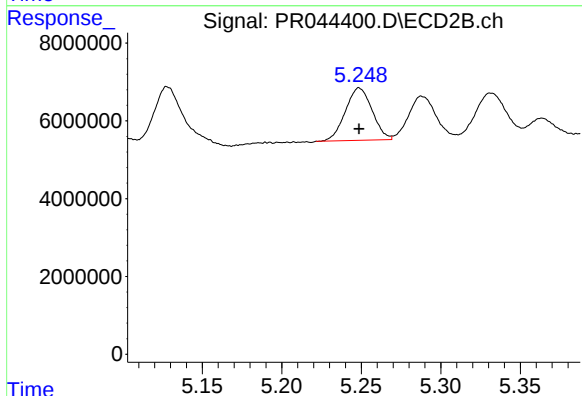
R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 33768564
Conc: 136.97 ng/ml



#13 AR-1232-3

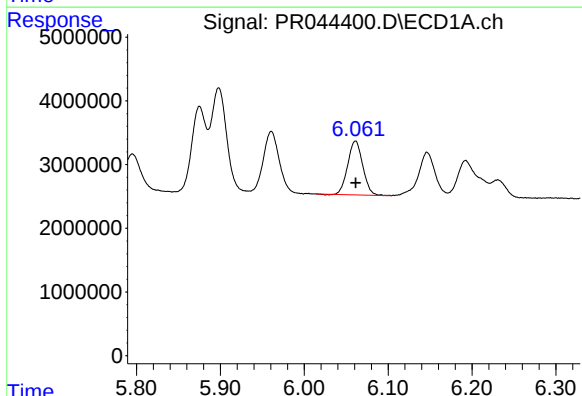
R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 21348311
Conc: 142.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



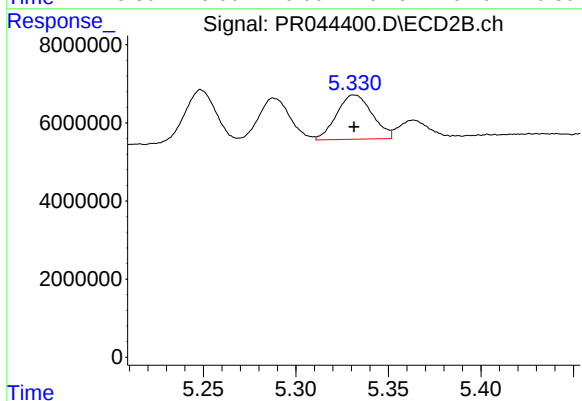
#13 AR-1232-3

R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 15731104
Conc: 130.45 ng/ml



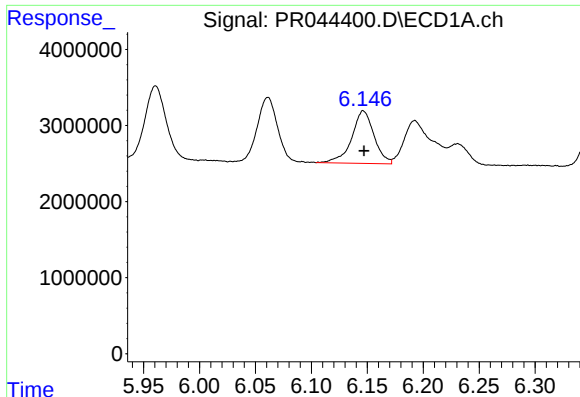
#14 AR-1232-4

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 10536053
Conc: 141.66 ng/ml



#14 AR-1232-4

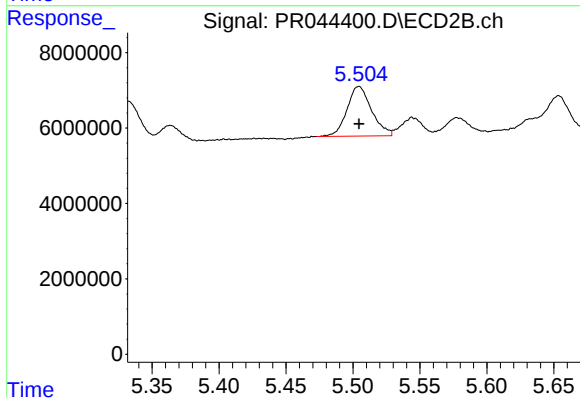
R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 15174499
Conc: 155.03 ng/ml



#15 AR-1232-5

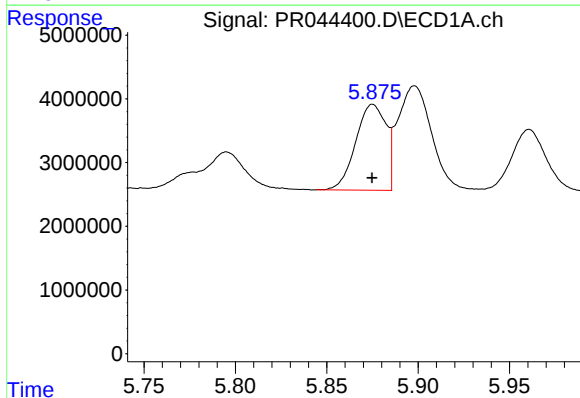
R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 9634704
Conc: 174.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



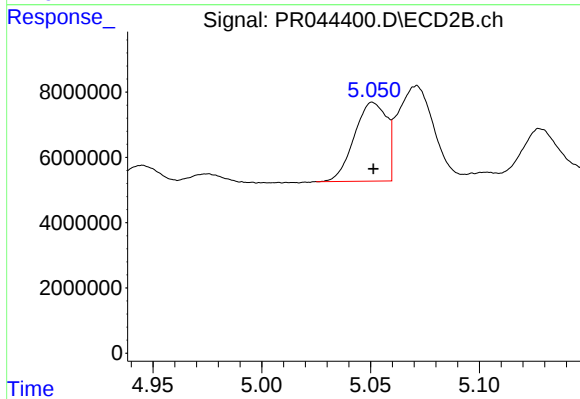
#15 AR-1232-5

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 16796900
Conc: 149.52 ng/ml



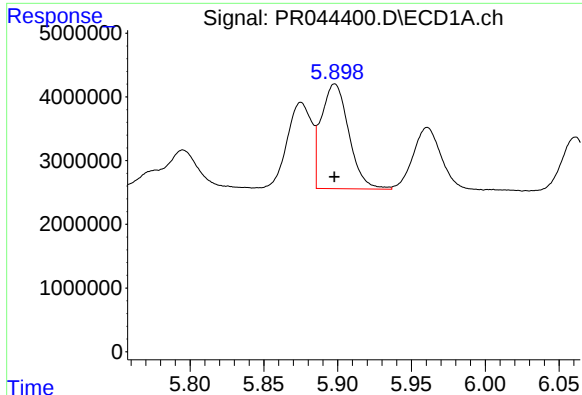
#16 AR-1242-1

R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 15614458
Conc: 81.21 ng/ml



#16 AR-1242-1

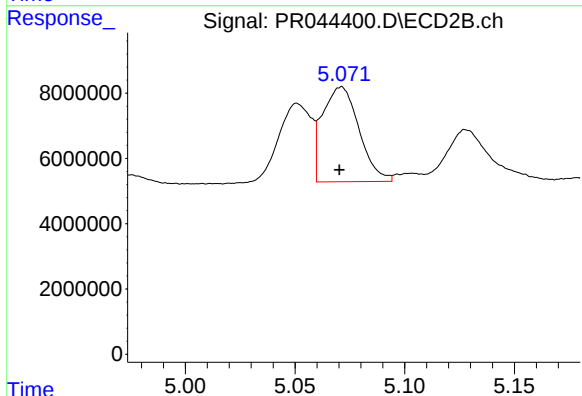
R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 24873626
Conc: 79.79 ng/ml



#17 AR-1242-2

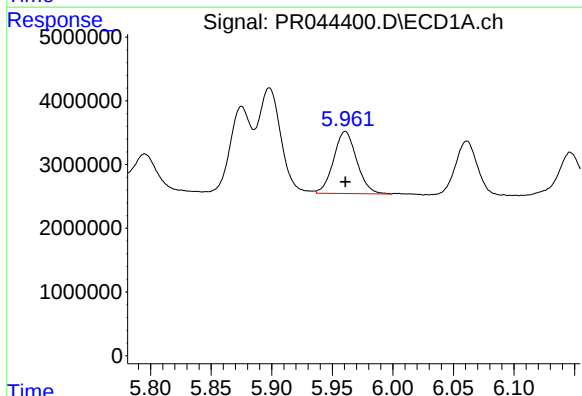
R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 21348311
Conc: 78.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



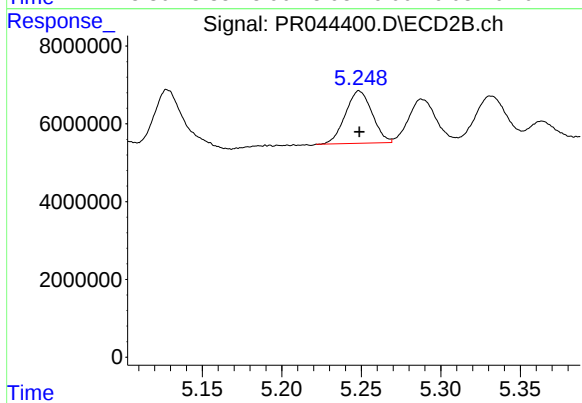
#17 AR-1242-2

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 33768564
Conc: 79.03 ng/ml



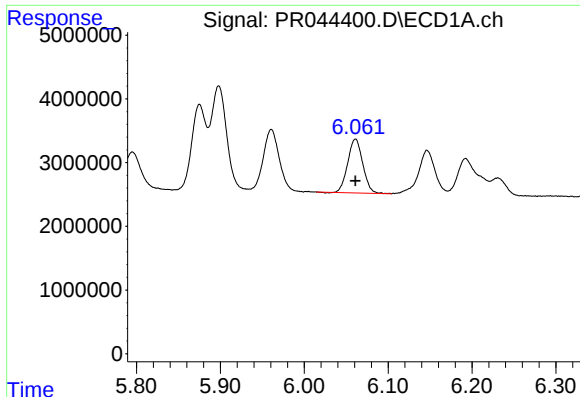
#18 AR-1242-3

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 12952716
Conc: 79.88 ng/ml



#18 AR-1242-3

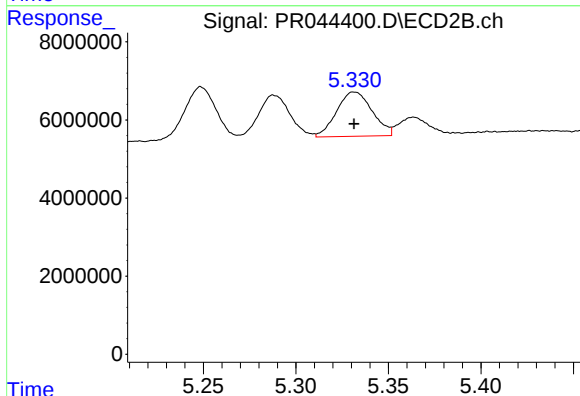
R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 15731104
Conc: 74.02 ng/ml



#19 AR-1242-4

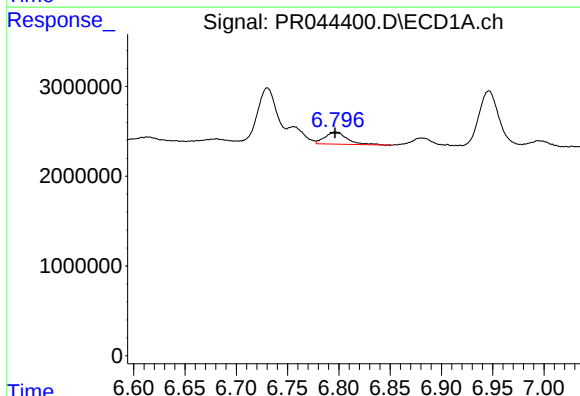
R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 10536053
Conc: 77.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



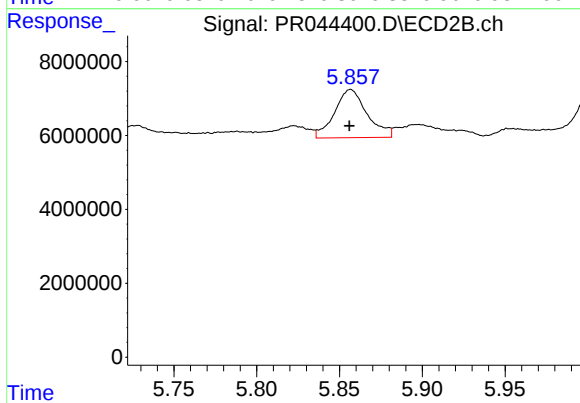
#19 AR-1242-4

R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 15174499
Conc: 78.74 ng/ml



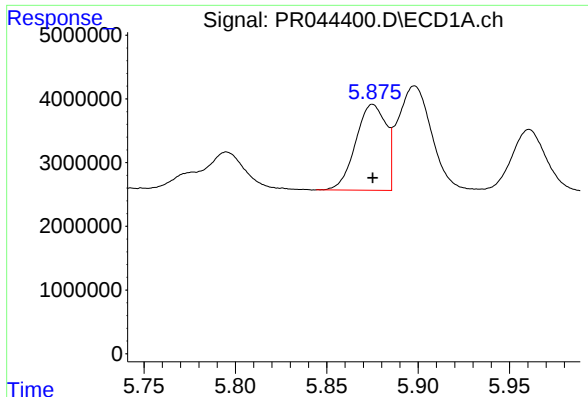
#20 AR-1242-5

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 2039461
Conc: 13.36 ng/ml



#20 AR-1242-5

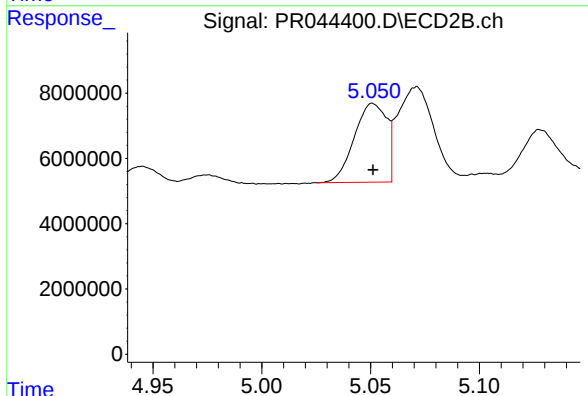
R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 17839876
Conc: 57.80 ng/ml



#21 AR-1248-1

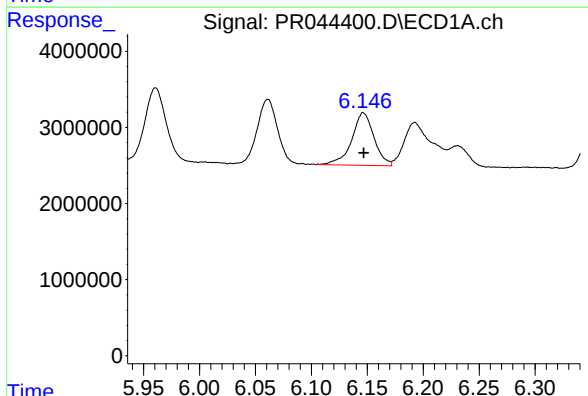
R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 15614458
Conc: 102.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



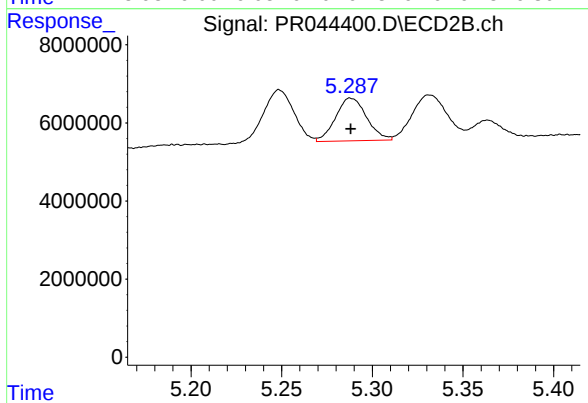
#21 AR-1248-1

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 24873626
Conc: 98.59 ng/ml



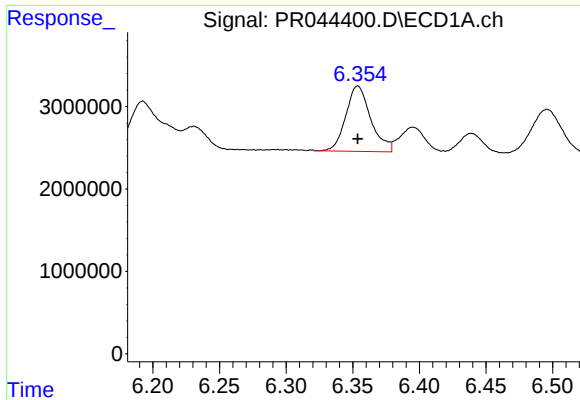
#22 AR-1248-2

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 9634704
Conc: 47.26 ng/ml



#22 AR-1248-2

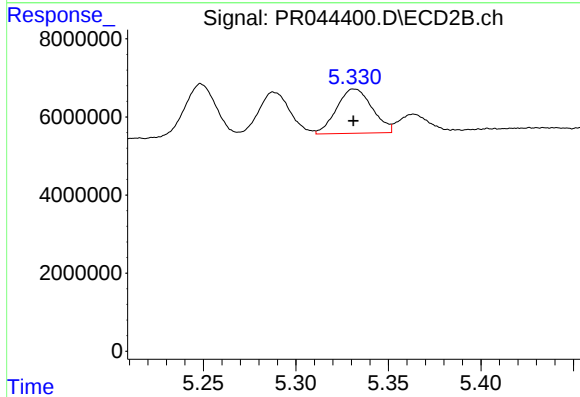
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 13082934
Conc: 47.75 ng/ml



#23 AR-1248-3

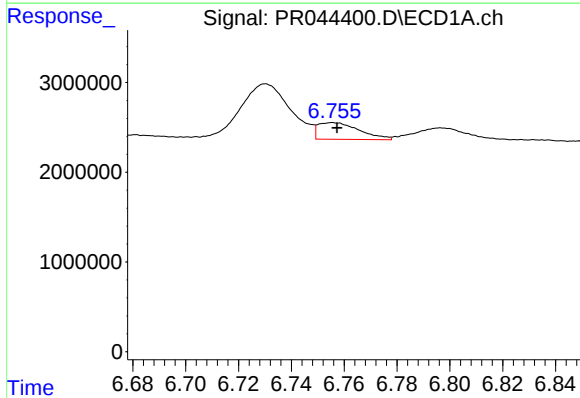
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 10353059
Conc: 45.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



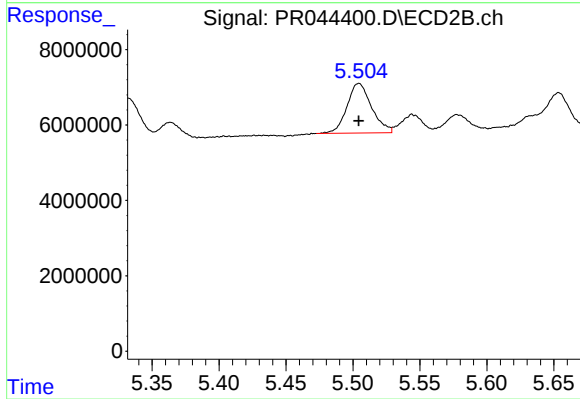
#23 AR-1248-3

R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 15174499
Conc: 54.11 ng/ml



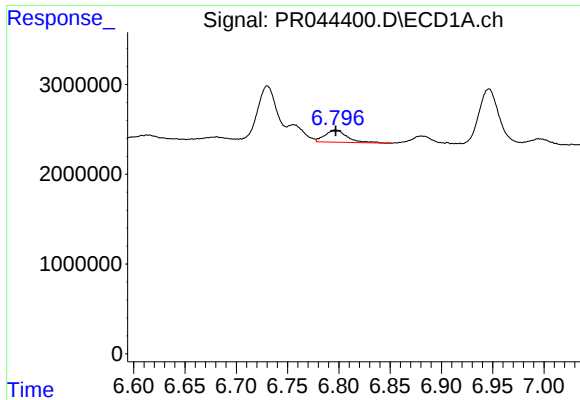
#24 AR-1248-4

R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 2036560
Conc: 7.52 ng/ml



#24 AR-1248-4

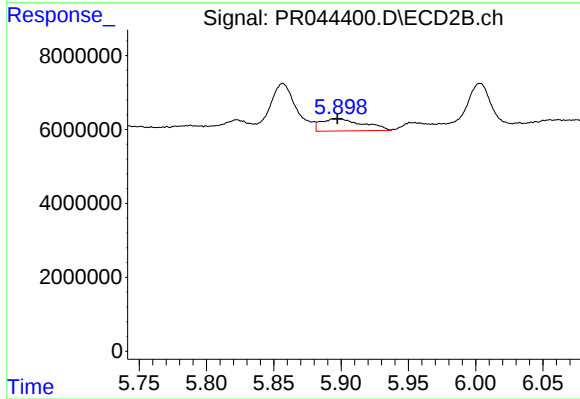
R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 16796900
Conc: 46.48 ng/ml



#25 AR-1248-5

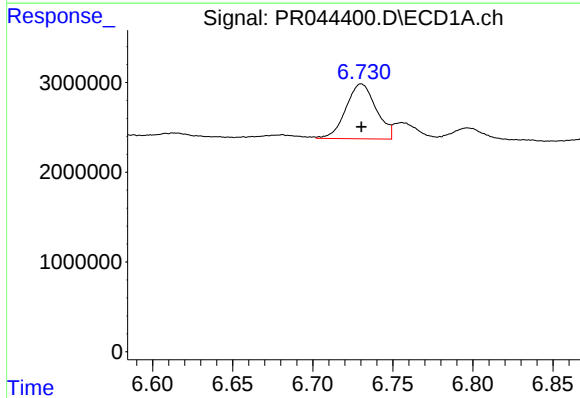
R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 2039461
Conc: 7.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



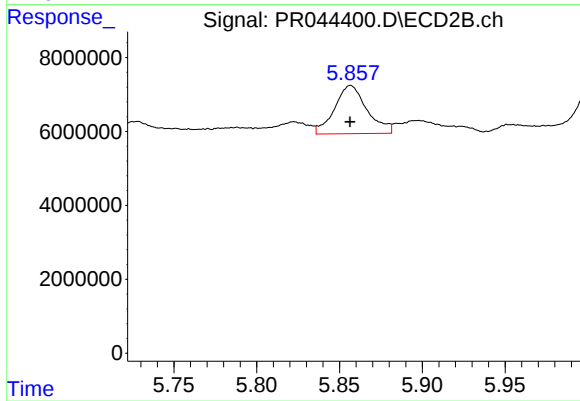
#25 AR-1248-5

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 7237155
Conc: 17.26 ng/ml



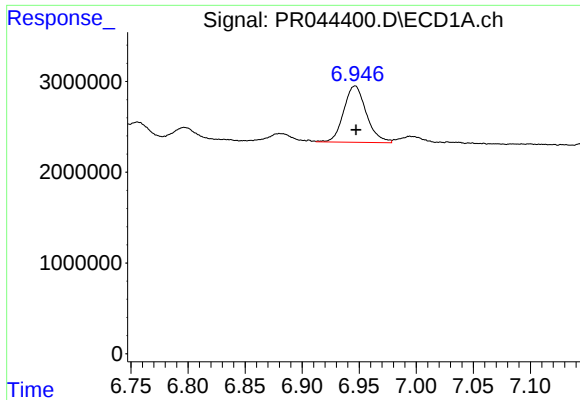
#26 AR-1254-1

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 8058483
Conc: 30.75 ng/ml



#26 AR-1254-1

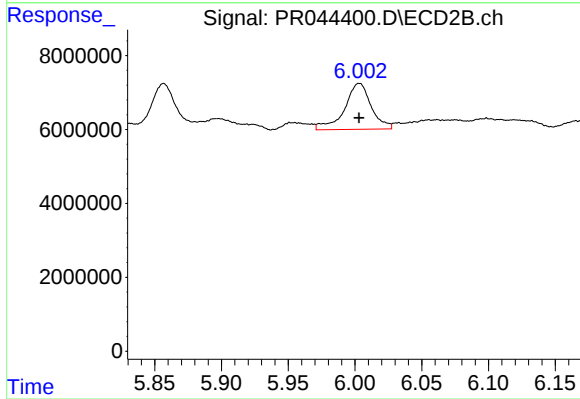
R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 17839876
Conc: 28.75 ng/ml



#27 AR-1254-2

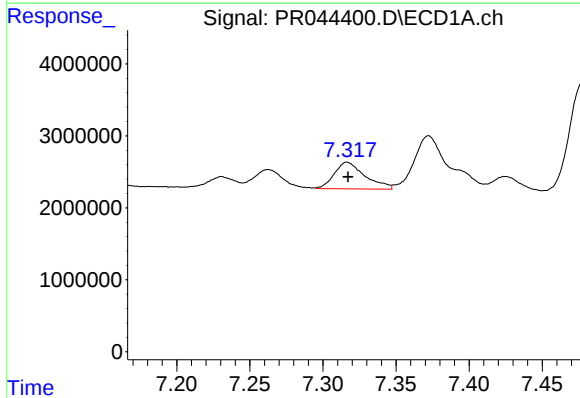
R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 8578224
Conc: 21.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



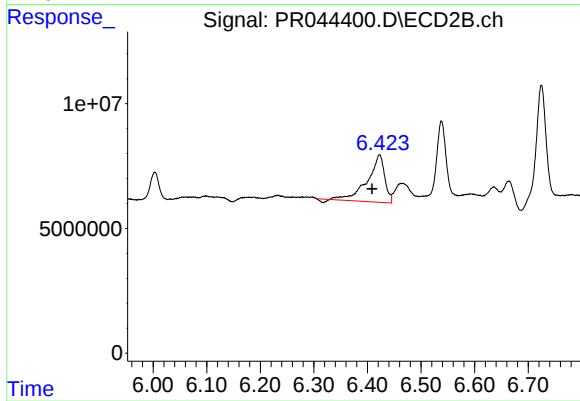
#27 AR-1254-2

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 17363161
Conc: 31.24 ng/ml



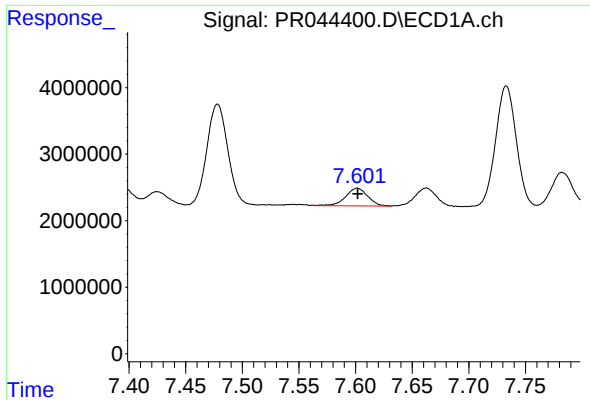
#28 AR-1254-3

R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 5414871
Conc: 12.30 ng/ml



#28 AR-1254-3

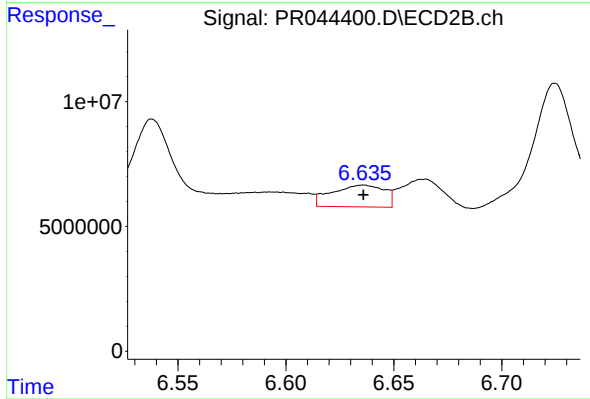
R.T.: 6.422 min
Delta R.T.: 0.014 min
Response: 42168341
Conc: 44.56 ng/ml



#29 AR-1254-4

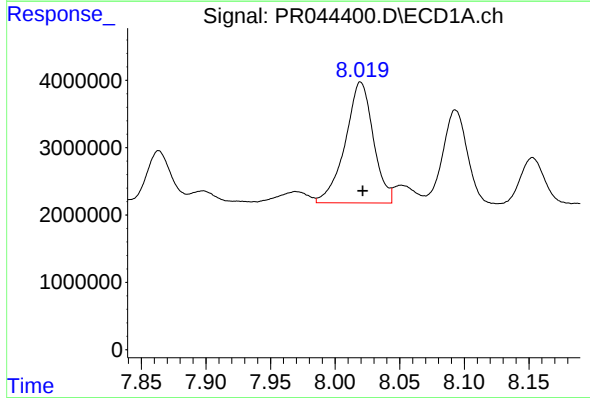
R.T.: 7.602 min
Delta R.T.: 0.000 min
Response: 3626728
Conc: 10.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



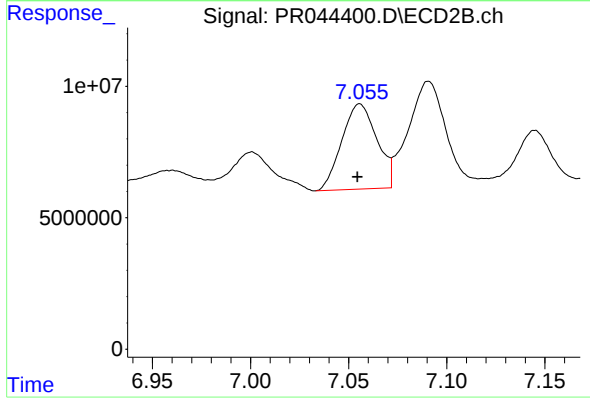
#29 AR-1254-4

R.T.: 6.636 min
Delta R.T.: 0.000 min
Response: 14798431
Conc: 20.54 ng/ml



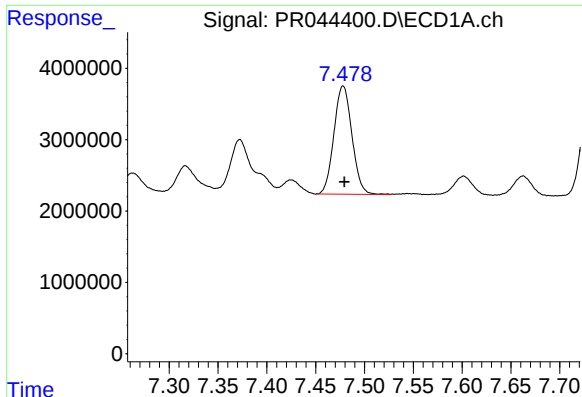
#30 AR-1254-5

R.T.: 8.020 min
Delta R.T.: -0.002 min
Response: 27190213
Conc: 76.42 ng/ml



#30 AR-1254-5

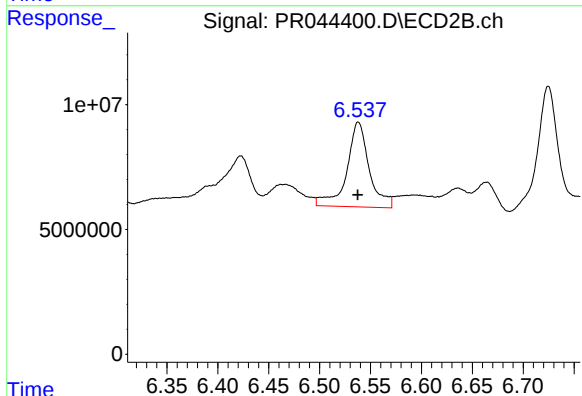
R.T.: 7.056 min
Delta R.T.: 0.001 min
Response: 40326440
Conc: 47.22 ng/ml



#31 AR-1260-1

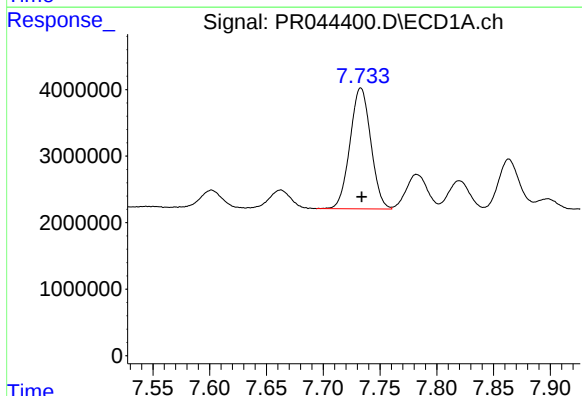
R.T.: 7.478 min
Delta R.T.: -0.001 min
Response: 19527933
Conc: 58.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



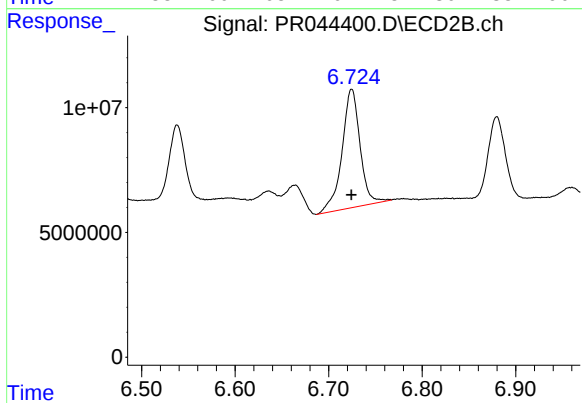
#31 AR-1260-1

R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 52098651
Conc: 76.40 ng/ml



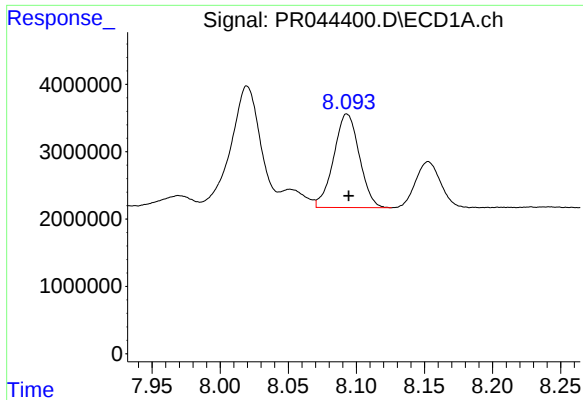
#32 AR-1260-2

R.T.: 7.733 min
Delta R.T.: 0.000 min
Response: 23144707
Conc: 56.68 ng/ml



#32 AR-1260-2

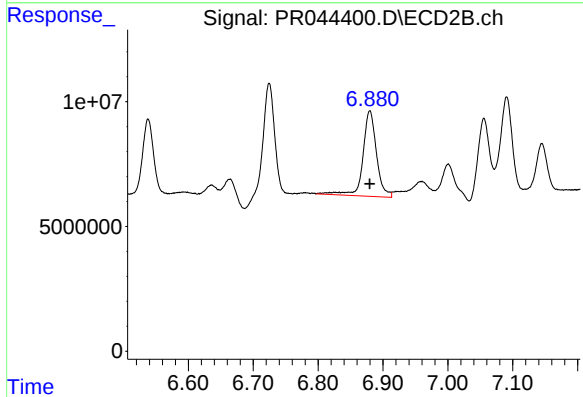
R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 63478368
Conc: 63.57 ng/ml



#33 AR-1260-3

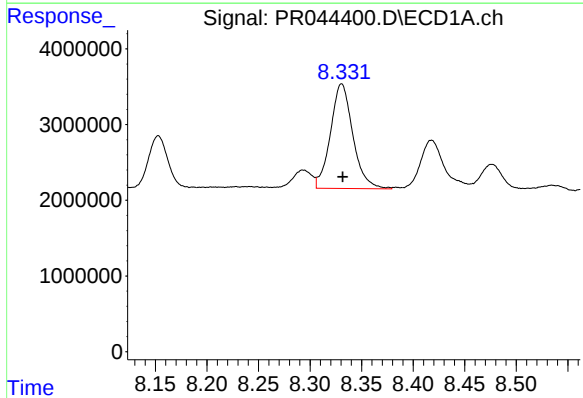
R.T.: 8.093 min
Delta R.T.: -0.001 min
Response: 18192277
Conc: 58.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



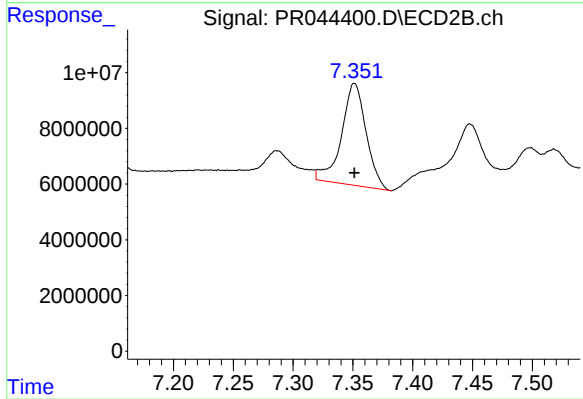
#33 AR-1260-3

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 49781994
Conc: 61.38 ng/ml



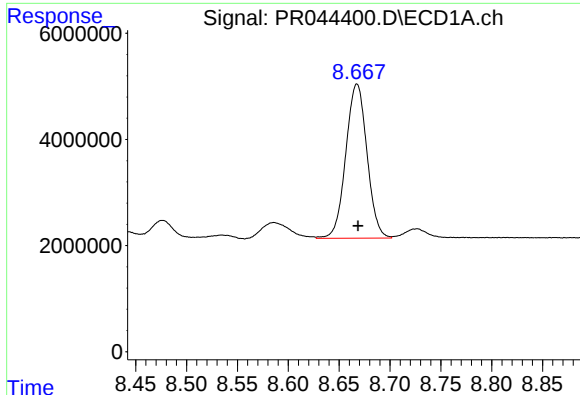
#34 AR-1260-4

R.T.: 8.331 min
Delta R.T.: -0.001 min
Response: 20945274
Conc: 57.34 ng/ml



#34 AR-1260-4

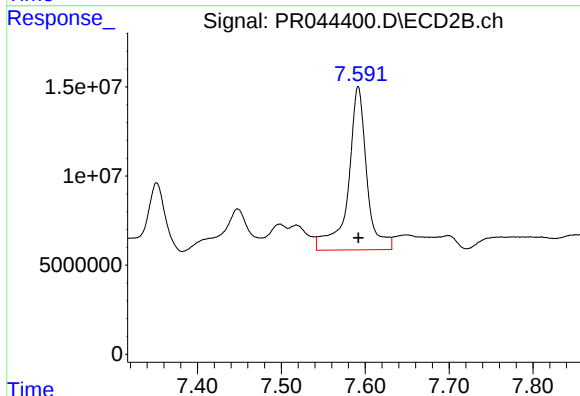
R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 52505332
Conc: 72.80 ng/ml



#35 AR-1260-5

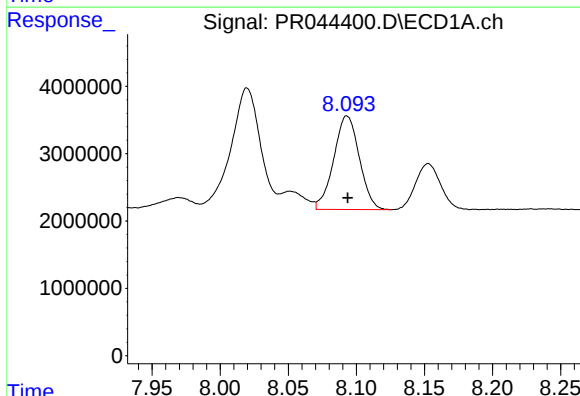
R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 42163857
Conc: 54.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



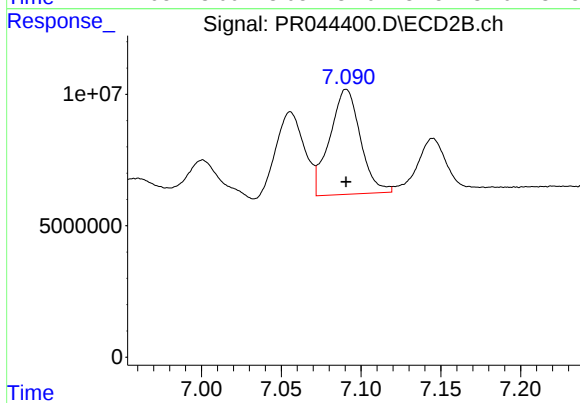
#35 AR-1260-5

R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 141005872
Conc: 65.22 ng/ml



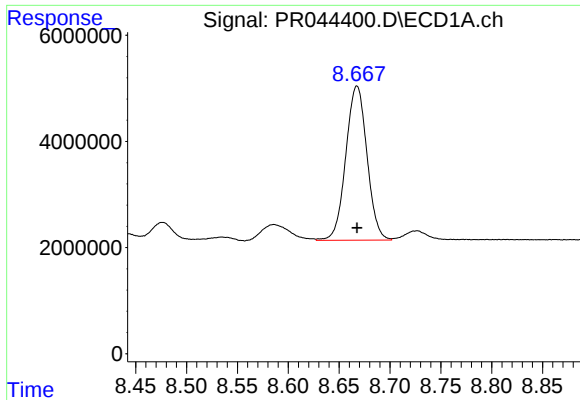
#36 AR-1262-1

R.T.: 8.093 min
Delta R.T.: 0.000 min
Response: 18192277
Conc: 41.10 ng/ml



#36 AR-1262-1

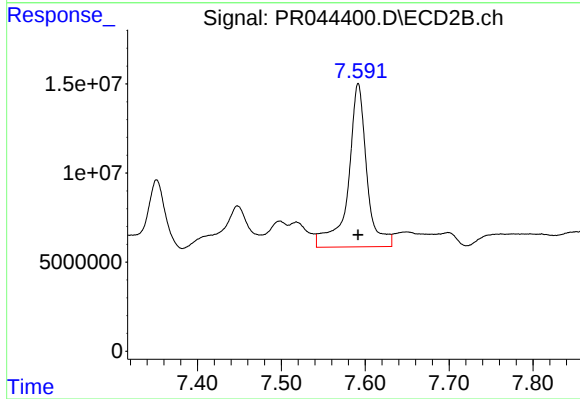
R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 53563995
Conc: 44.34 ng/ml



#37 AR-1262-2

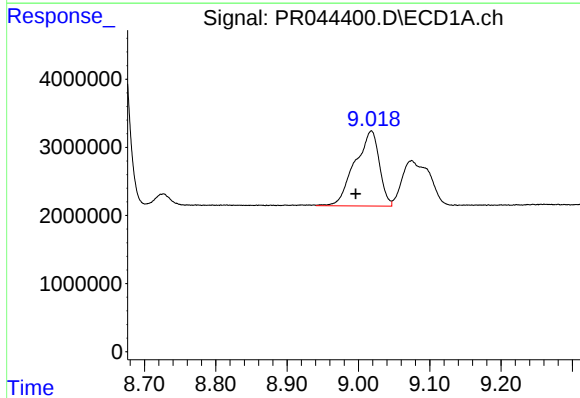
R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 42163857
Conc: 49.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



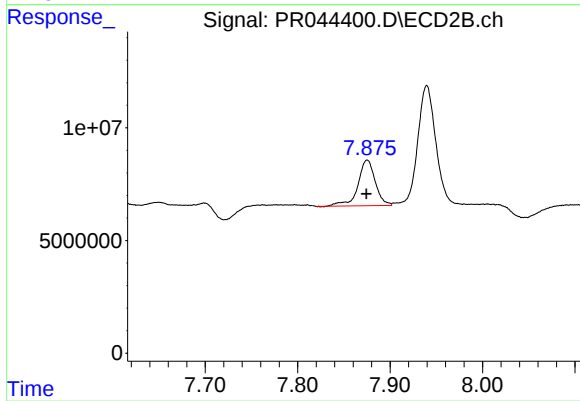
#37 AR-1262-2

R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 141005872
Conc: 63.27 ng/ml



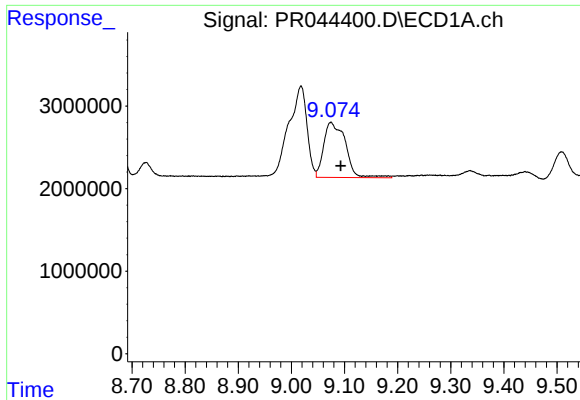
#38 AR-1262-3

R.T.: 9.018 min
Delta R.T.: 0.022 min
Response: 26263337
Conc: 47.64 ng/ml



#38 AR-1262-3

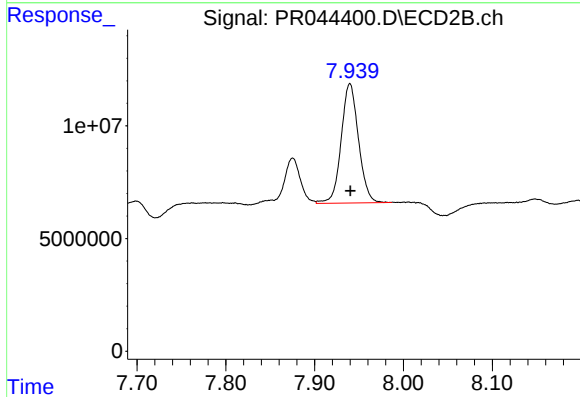
R.T.: 7.875 min
Delta R.T.: 0.000 min
Response: 26397966
Conc: 29.85 ng/ml



#39 AR-1262-4

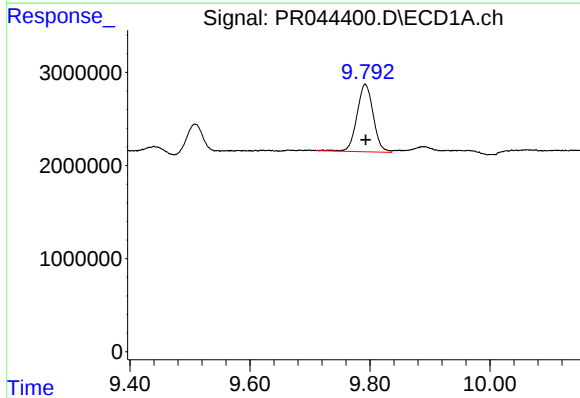
R.T.: 9.075 min
Delta R.T.: -0.018 min
Response: 18939006
Conc: 44.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



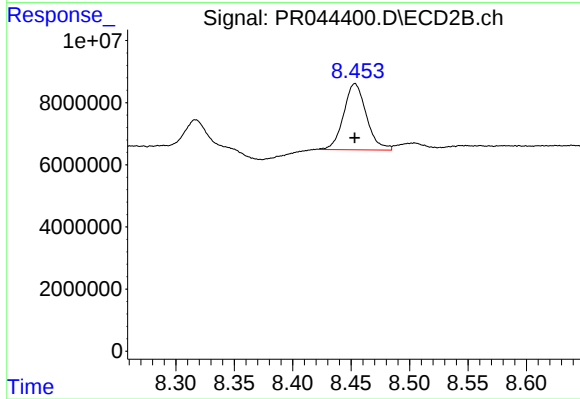
#39 AR-1262-4

R.T.: 7.940 min
Delta R.T.: 0.000 min
Response: 71769569
Conc: 48.84 ng/ml



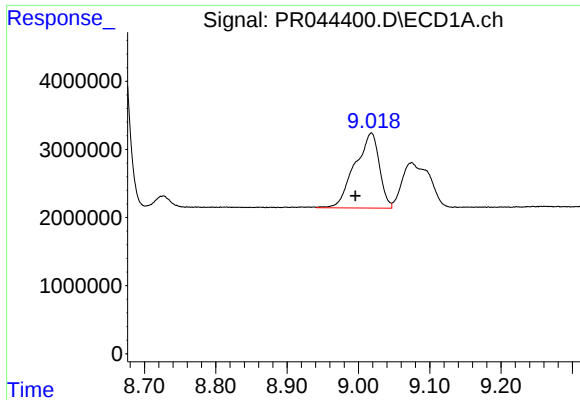
#40 AR-1262-5

R.T.: 9.792 min
Delta R.T.: -0.001 min
Response: 13683687
Conc: 44.29 ng/ml



#40 AR-1262-5

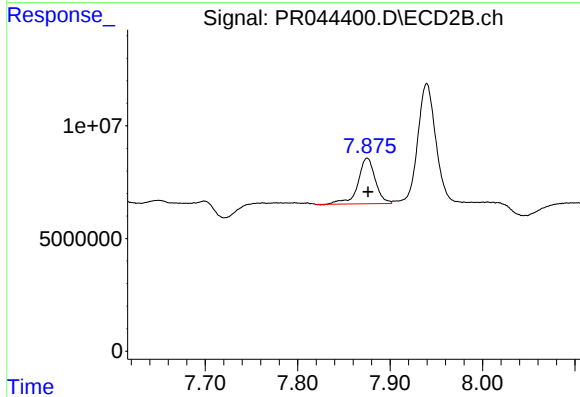
R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 28878398
Conc: 42.30 ng/ml



#41 AR-1268-1

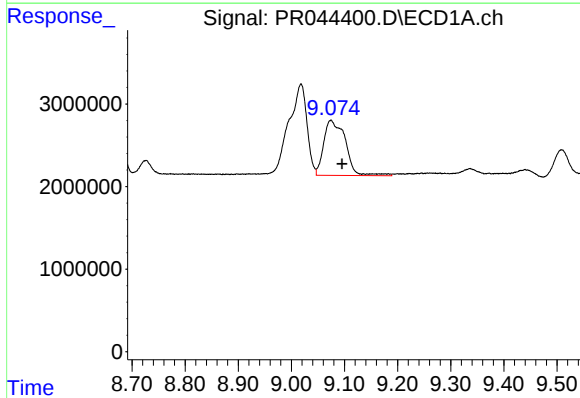
R.T.: 9.018 min
Delta R.T.: 0.022 min
Response: 26263337
Conc: 24.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



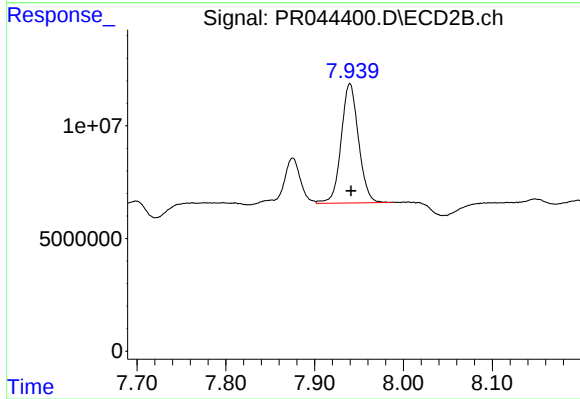
#41 AR-1268-1

R.T.: 7.875 min
Delta R.T.: 0.000 min
Response: 26397966
Conc: 9.88 ng/ml



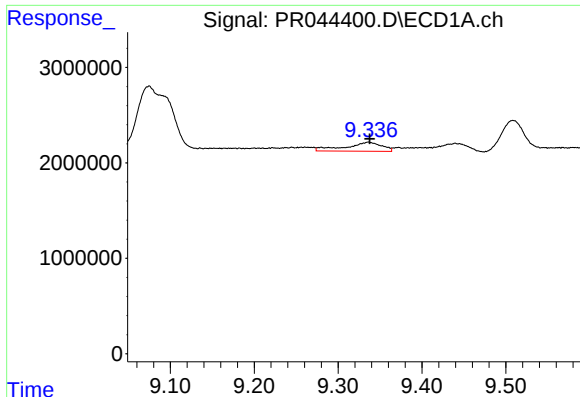
#42 AR-1268-2

R.T.: 9.075 min
Delta R.T.: -0.021 min
Response: 18939006
Conc: 19.11 ng/ml



#42 AR-1268-2

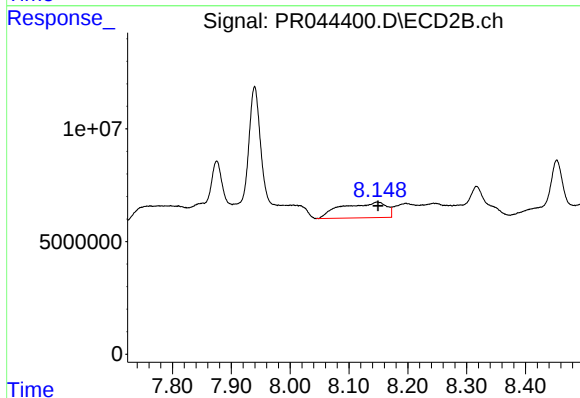
R.T.: 7.940 min
Delta R.T.: -0.001 min
Response: 71769569
Conc: 31.39 ng/ml



#43 AR-1268-3

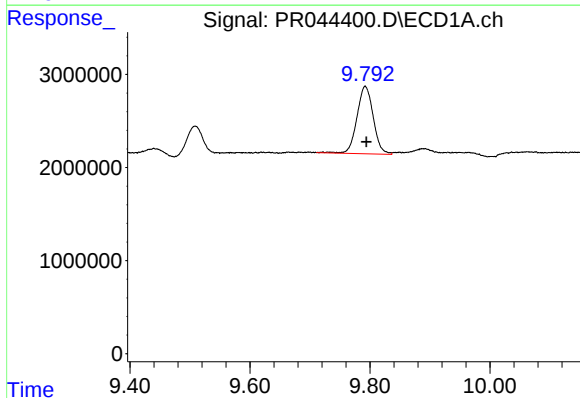
R.T.: 9.336 min
Delta R.T.: -0.002 min
Response: 2821490
Conc: 3.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



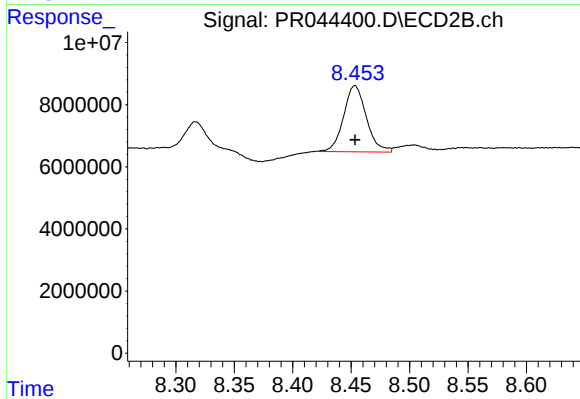
#43 AR-1268-3

R.T.: 8.148 min
Delta R.T.: -0.002 min
Response: 36245747
Conc: 18.60 ng/ml



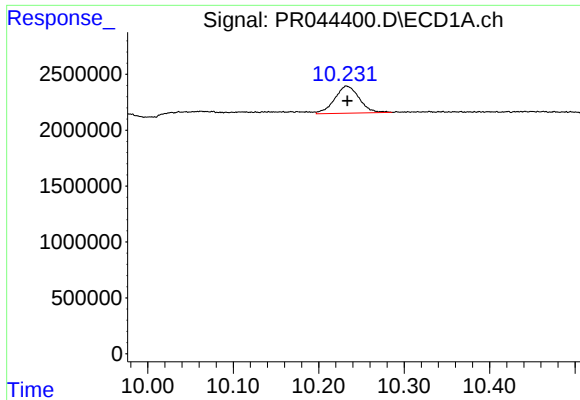
#44 AR-1268-4

R.T.: 9.792 min
Delta R.T.: -0.002 min
Response: 13683687
Conc: 38.65 ng/ml



#44 AR-1268-4

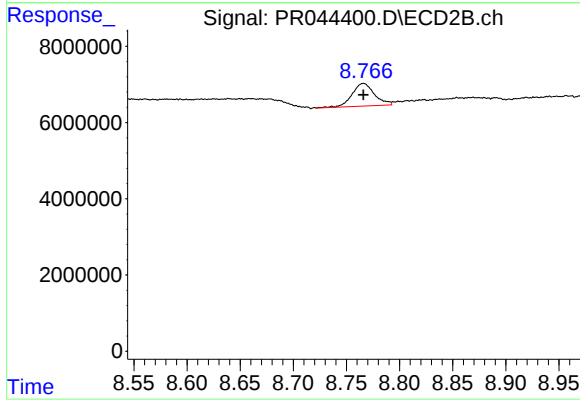
R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 28878398
Conc: 36.55 ng/ml



#45 AR-1268-5

R.T.: 10.233 min
Delta R.T.: 0.000 min
Response: 4858189
Conc: 1.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.766 min
Delta R.T.: 0.000 min
Response: 8770650
Conc: 1.56 ng/ml