

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072520\
 Data File : PR046442.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2020 11:49
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 14:34:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 20 12:51:25 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...	4.766	3.990	101.5E6	667.8E6	55.195	54.264
2)	SA Decachlor...	10.772	9.120	104.6E6	775.7E6	52.914	50.097
Target Compounds							
3)	L1 AR-1016-1	5.955	5.088	35002829	244.1E6	499.370	492.409
4)	L1 AR-1016-2	5.979	5.108	49624027	336.6E6	502.016	489.948
5)	L1 AR-1016-3	6.041	5.288	29484350	177.5E6	495.787	553.800
6)	L1 AR-1016-4	6.143	5.327	24286126	137.3E6	487.074	510.726
7)	L1 AR-1016-5	6.437	5.544	28325964	196.5E6	575.965	528.557
8)	L2 AR-1221-1	4.975	4.201	4263260	21523768	215.637	150.361 #
9)	L2 AR-1221-2	5.069	4.291	7090322	31242745	482.983	328.222 #
10)	L2 AR-1221-3	5.147	4.367	23737375	117.1E6	505.841	372.082 #
11)	L3 AR-1232-1	5.147	4.367	23737375	117.1E6	620.244	435.325 #
12)	L3 AR-1232-2	5.685	5.108	25218776	336.6E6	1303.457	1200.906
13)	L3 AR-1232-3	5.979	5.288	49624027	177.5E6	1244.586	1366.950
14)	L3 AR-1232-4	6.143	5.371	24286126	165.0E6	1218.849	1334.400
15)	L3 AR-1232-5	6.228	5.544	21731778	196.5E6	1441.056	1431.259
16)	L4 AR-1242-1	5.955	5.088	35002829	244.1E6	647.484	641.677
17)	L4 AR-1242-2	5.979	5.108	49624027	336.6E6	654.820	642.767
18)	L4 AR-1242-3	6.041	5.288	29484350	177.5E6	644.613	695.698
19)	L4 AR-1242-4	6.143	5.371	24286126	165.0E6	635.469	634.280
20)	L4 AR-1242-5	6.885	5.900	7425852	179.6E6	167.826	486.580 #
21)	L5 AR-1248-1	5.955	5.088	35002829	244.1E6	868.826	846.374
22)	L5 AR-1248-2	6.228	5.327	21731778	137.3E6	398.370	389.068
23)	L5 AR-1248-3	6.437	5.371	28325964	165.0E6	456.384	440.854
24)	L5 AR-1248-4	6.845	5.544	5649388	196.5E6	76.682	418.649 #
25)	L5 AR-1248-5	6.885	5.941	7425852	40221316	105.733	83.081
26)	L6 AR-1254-1	6.816	5.900	23978716	179.6E6	310.564	228.066 #
27)	L6 AR-1254-2	7.032	6.047	25549670	179.3E6	208.968	260.820
28)	L6 AR-1254-3	7.408	6.471f	14440057	347.6E6	107.681	292.828 #
29)	L6 AR-1254-4	7.695	6.685	11391063	40209348	110.939	52.177 #
30)	L6 AR-1254-5	8.116	7.105	67321061	494.2E6	605.403	470.347
31)	L7 AR-1260-1	7.567	6.587	52047390	365.9E6	559.538	506.956
32)	L7 AR-1260-2	7.826	6.774	58874485	443.0E6	512.617	500.982
33)	L7 AR-1260-3	8.189	6.931	41809042	405.2E6	465.476	492.142
34)	L7 AR-1260-4	8.434	7.406	50468989	343.3E6	484.820	480.470
35)	L7 AR-1260-5	8.780	7.647	92332577	808.2E6	428.288	436.451
36)	L8 AR-1262-1	8.189	7.105	41809042	494.2E6	343.309	1008.970 #
37)	L8 AR-1262-2	8.780	7.647	92332577	808.2E6	407.790	415.780
38)	L8 AR-1262-3	9.116	7.934	20137682	166.9E6	206.227	220.878
39)	L8 AR-1262-4	9.200f	7.998	34906583	558.3E6	306.100	393.631 #
40)	L8 AR-1262-5	9.945	8.518	27417071	203.4E6	334.979	299.806
41)	L9 AR-1268-1	9.116	7.934	20137682	166.9E6	70.162	70.145

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 Acq On : 24 Jul 2020 11:49
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

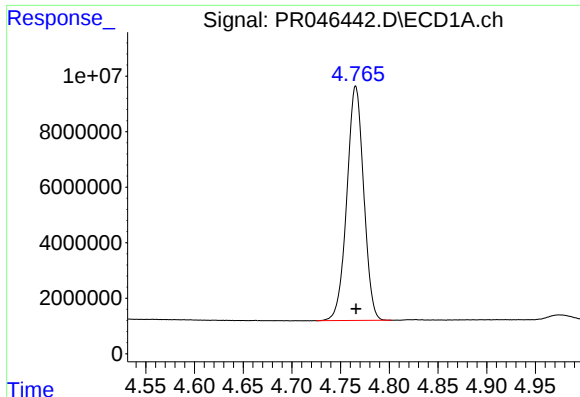
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 14:34:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071520.M
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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	9.200f	7.998	34906583	558.3E6	132.274	247.975 #
43) L9	AR-1268-3	9.464	8.214	1462551	15382711	6.683	8.155
44) L9	AR-1268-4	9.945	8.518	27417071	203.4E6	290.686	262.747
45) L9	AR-1268-5	10.399	8.837	10642651	55200328	14.966	9.946 #

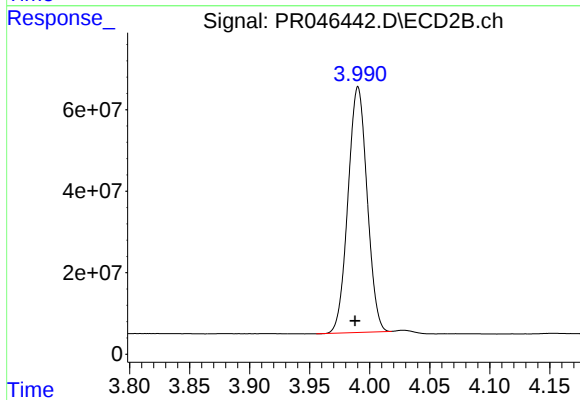
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

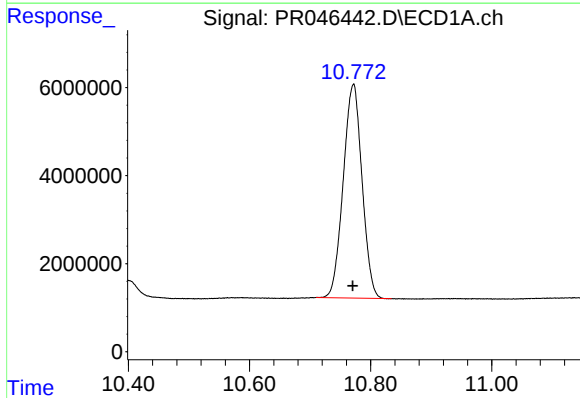
R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 101531312
Conc: 55.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



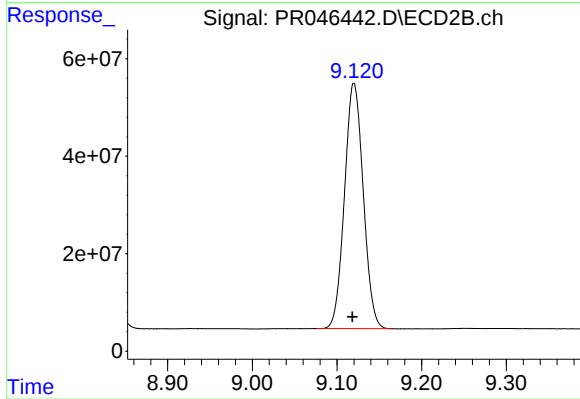
#1 Tetrachloro-m-xylene

R.T.: 3.990 min
Delta R.T.: 0.003 min
Response: 667776933
Conc: 54.26 ng/ml



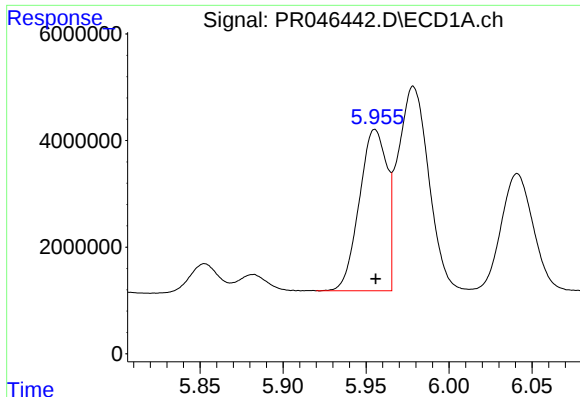
#2 Decachlorobiphenyl

R.T.: 10.772 min
Delta R.T.: 0.002 min
Response: 104592501
Conc: 52.91 ng/ml



#2 Decachlorobiphenyl

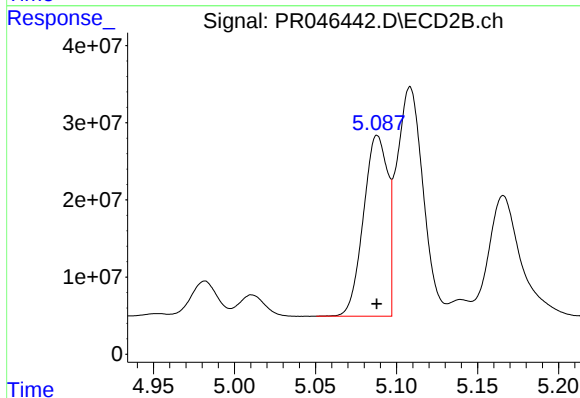
R.T.: 9.120 min
Delta R.T.: 0.002 min
Response: 775694290
Conc: 50.10 ng/ml



#3 AR-1016-1

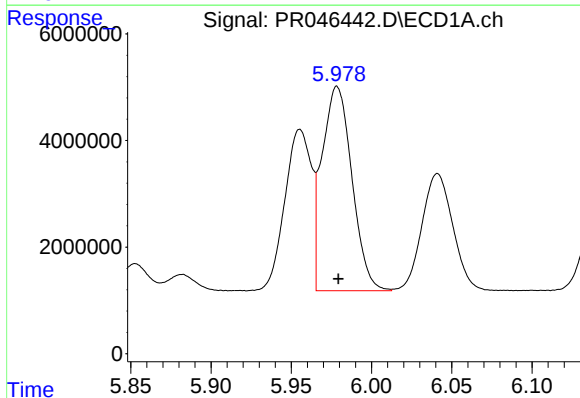
R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 35002829
Conc: 499.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



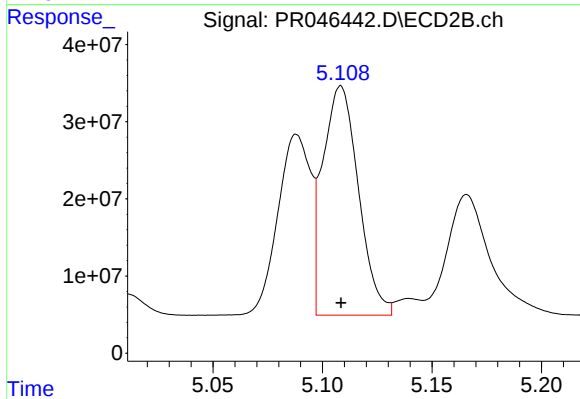
#3 AR-1016-1

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 244068915
Conc: 492.41 ng/ml



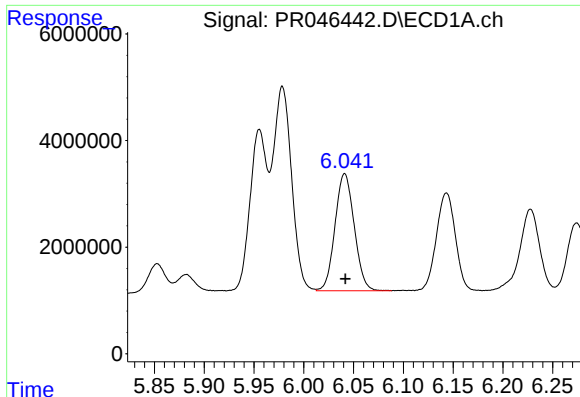
#4 AR-1016-2

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 49624027
Conc: 502.02 ng/ml



#4 AR-1016-2

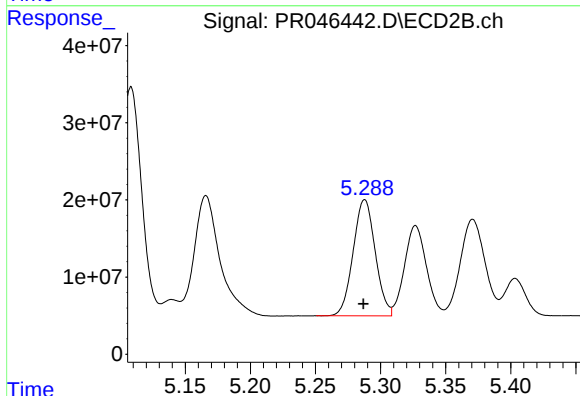
R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 336646853
Conc: 489.95 ng/ml



#5 AR-1016-3

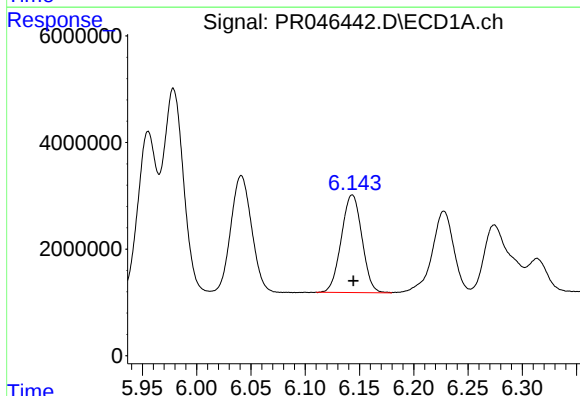
R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 29484350
Conc: 495.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



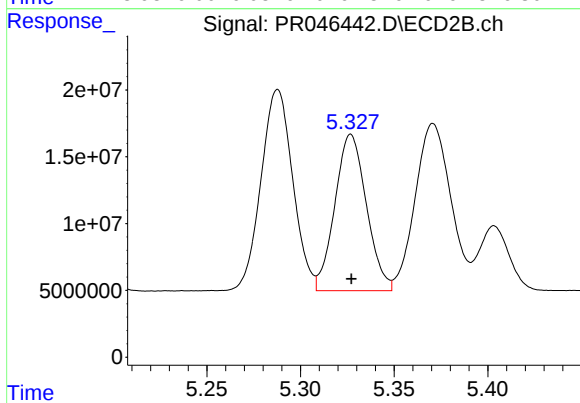
#5 AR-1016-3

R.T.: 5.288 min
Delta R.T.: 0.001 min
Response: 177533692
Conc: 553.80 ng/ml



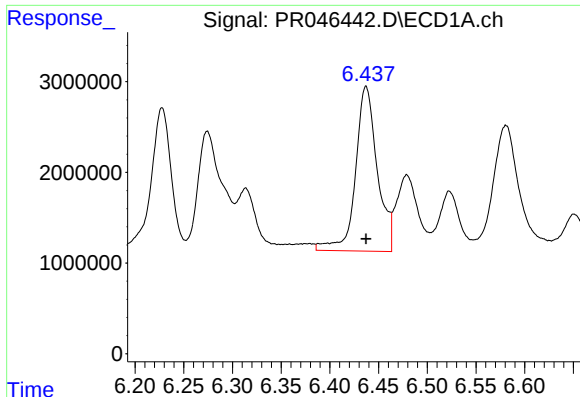
#6 AR-1016-4

R.T.: 6.143 min
Delta R.T.: -0.001 min
Response: 24286126
Conc: 487.07 ng/ml



#6 AR-1016-4

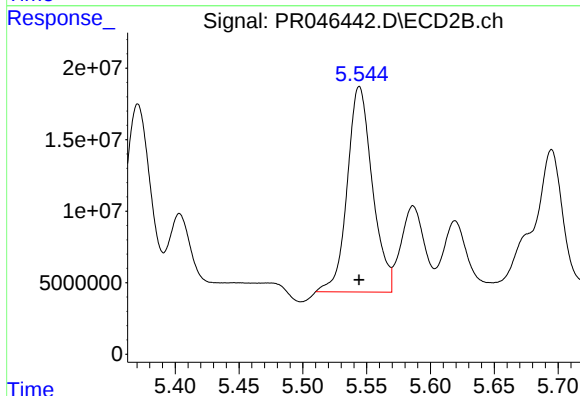
R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 137290451
Conc: 510.73 ng/ml



#7 AR-1016-5

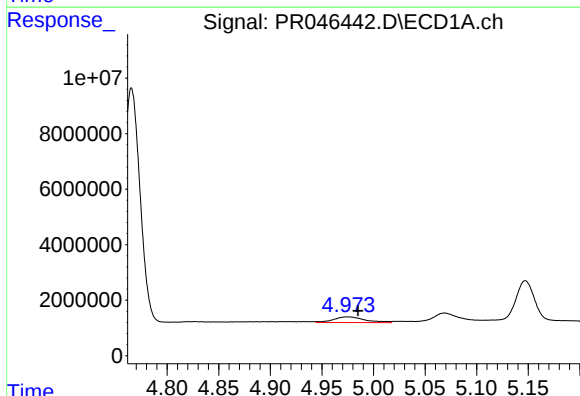
R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 28325964
Conc: 575.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



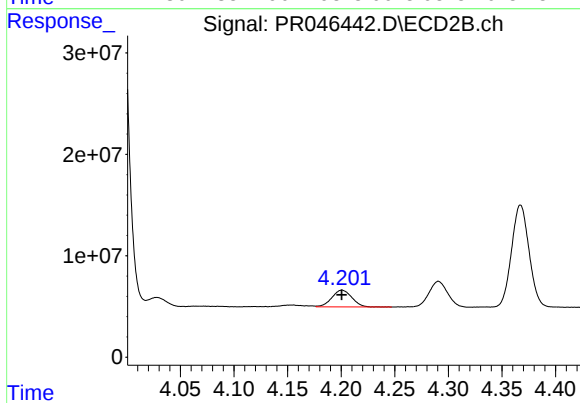
#7 AR-1016-5

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 196533656
Conc: 528.56 ng/ml



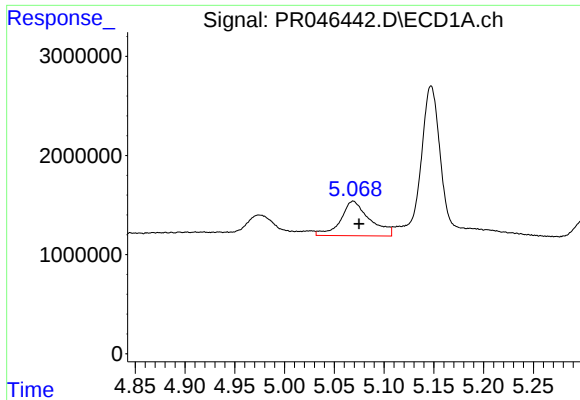
#8 AR-1221-1

R.T.: 4.975 min
Delta R.T.: -0.011 min
Response: 4263260
Conc: 215.64 ng/ml



#8 AR-1221-1

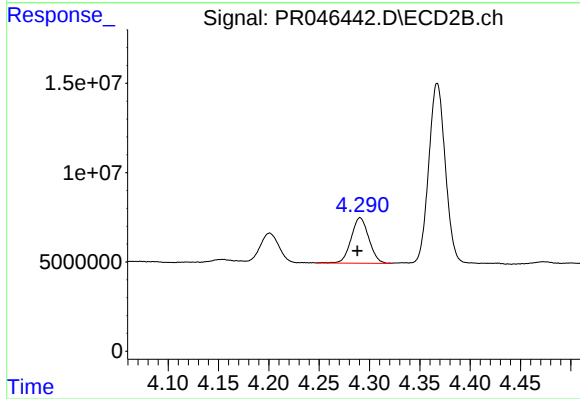
R.T.: 4.201 min
Delta R.T.: 0.000 min
Response: 21523768
Conc: 150.36 ng/ml



#9 AR-1221-2

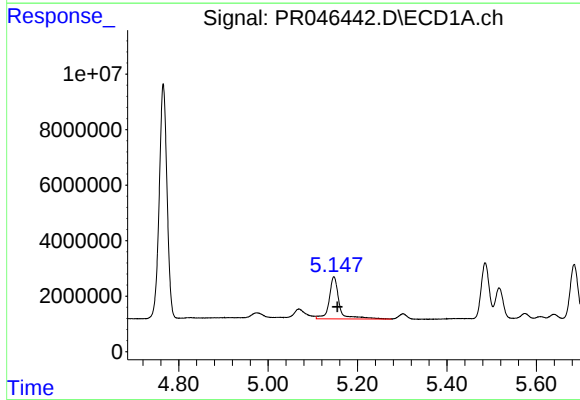
R.T.: 5.069 min
Delta R.T.: -0.006 min
Response: 7090322
Conc: 482.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



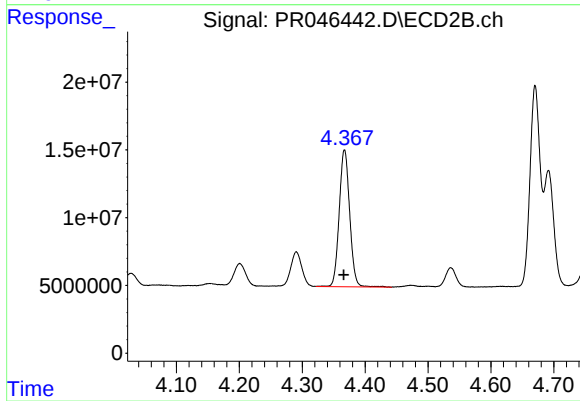
#9 AR-1221-2

R.T.: 4.291 min
Delta R.T.: 0.003 min
Response: 31242745
Conc: 328.22 ng/ml



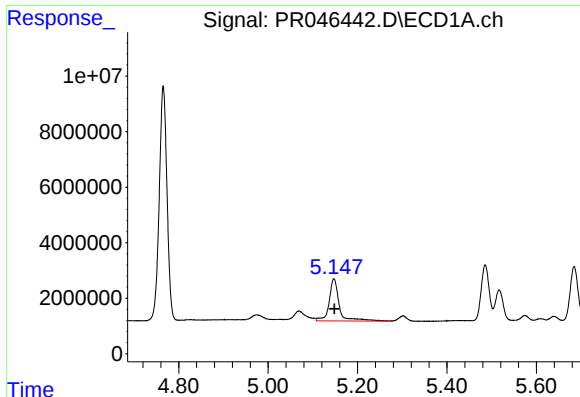
#10 AR-1221-3

R.T.: 5.147 min
Delta R.T.: -0.007 min
Response: 23737375
Conc: 505.84 ng/ml



#10 AR-1221-3

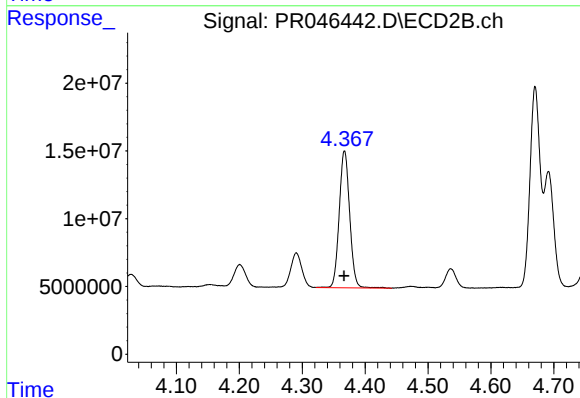
R.T.: 4.367 min
Delta R.T.: 0.001 min
Response: 117107807
Conc: 372.08 ng/ml



#11 AR-1232-1

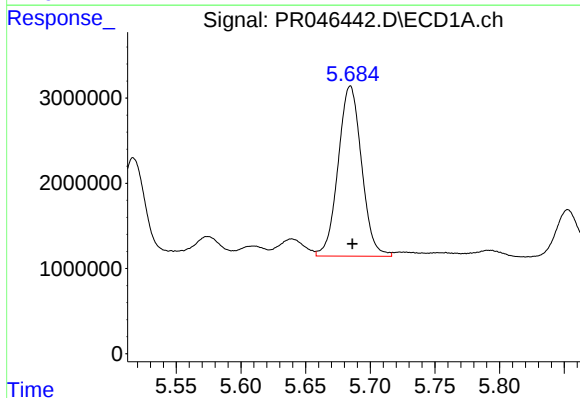
R.T.: 5.147 min
Delta R.T.: 0.000 min
Response: 23737375
Conc: 620.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



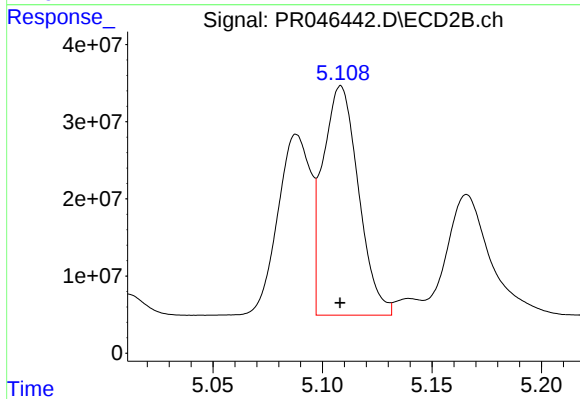
#11 AR-1232-1

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 117107807
Conc: 435.33 ng/ml



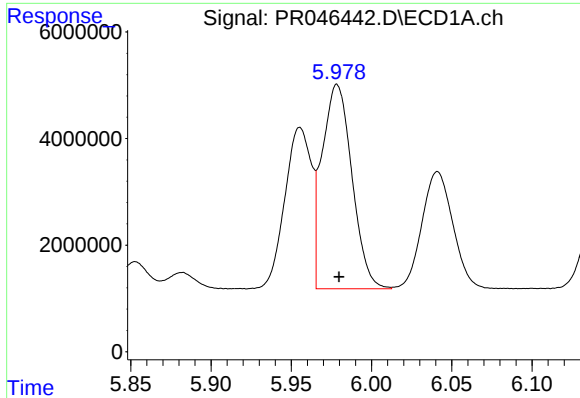
#12 AR-1232-2

R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 25218776
Conc: 1303.46 ng/ml



#12 AR-1232-2

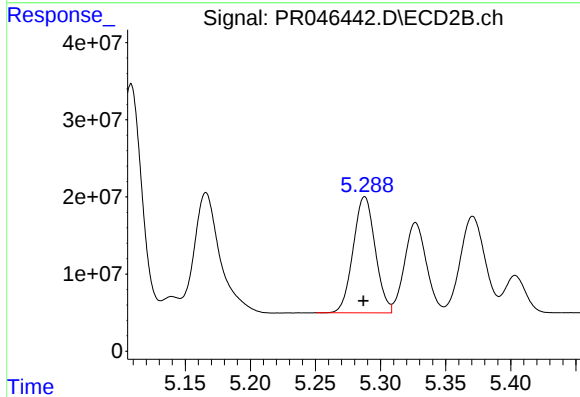
R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 336646853
Conc: 1200.91 ng/ml



#13 AR-1232-3

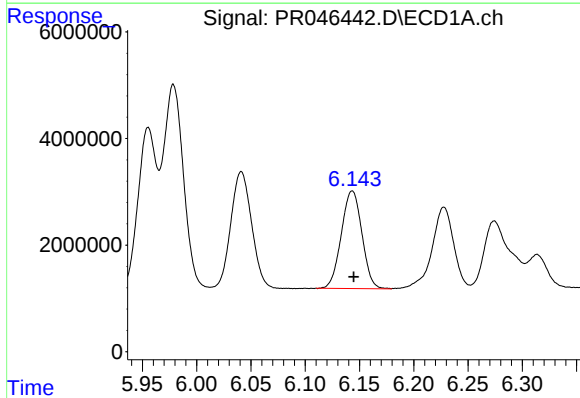
R.T.: 5.979 min
Delta R.T.: -0.001 min
Response: 49624027
Conc: 1244.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



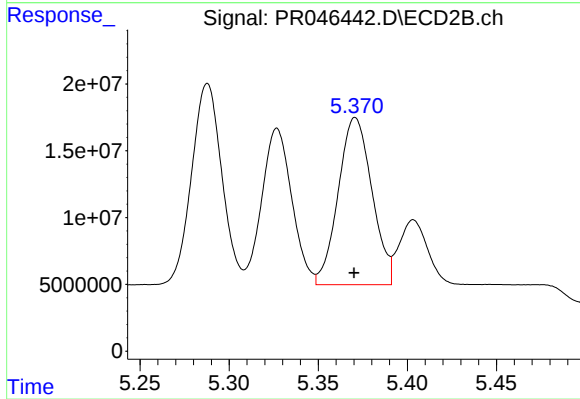
#13 AR-1232-3

R.T.: 5.288 min
Delta R.T.: 0.001 min
Response: 177533692
Conc: 1366.95 ng/ml



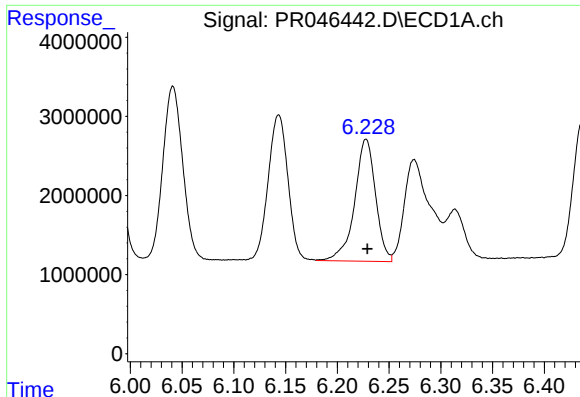
#14 AR-1232-4

R.T.: 6.143 min
Delta R.T.: -0.001 min
Response: 24286126
Conc: 1218.85 ng/ml



#14 AR-1232-4

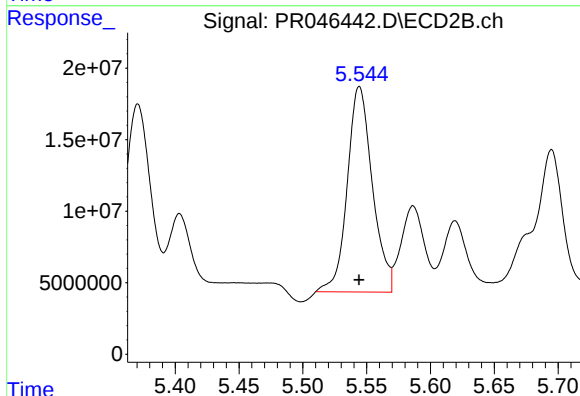
R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 164987893
Conc: 1334.40 ng/ml



#15 AR-1232-5

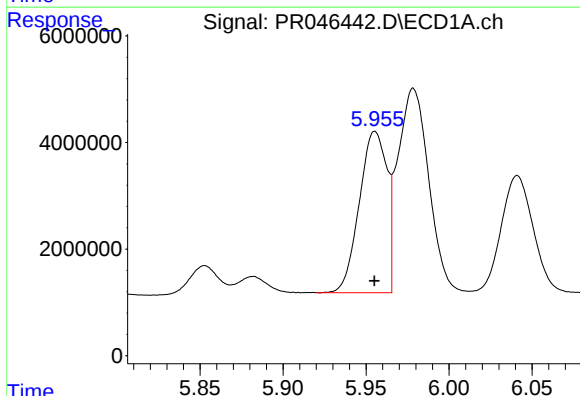
R.T.: 6.228 min
Delta R.T.: -0.001 min
Response: 21731778
Conc: 1441.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



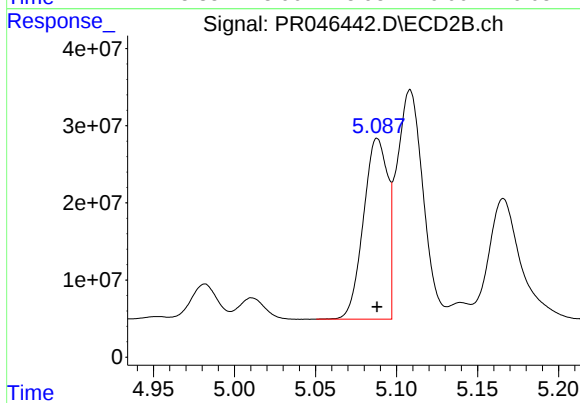
#15 AR-1232-5

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 196533656
Conc: 1431.26 ng/ml



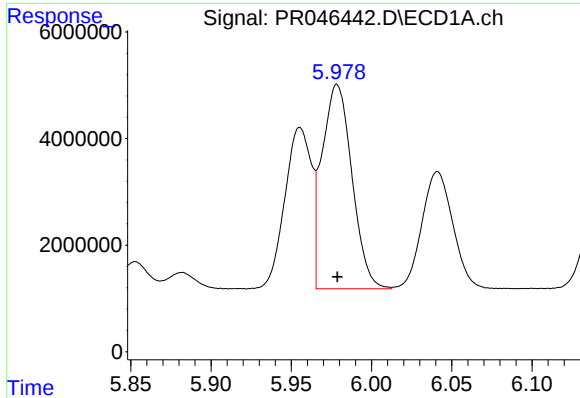
#16 AR-1242-1

R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 35002829
Conc: 647.48 ng/ml



#16 AR-1242-1

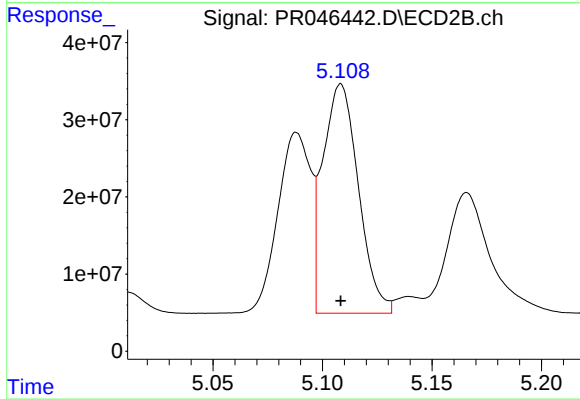
R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 244068915
Conc: 641.68 ng/ml



#17 AR-1242-2

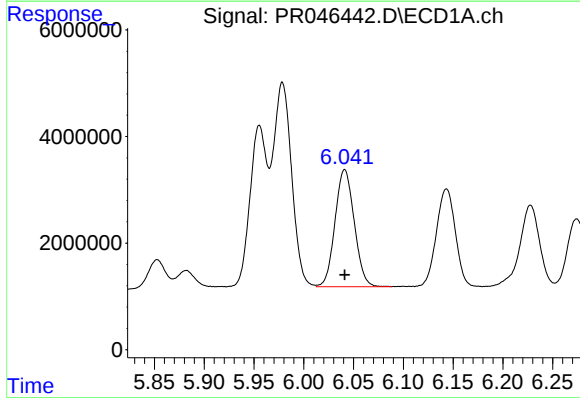
R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 49624027
Conc: 654.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



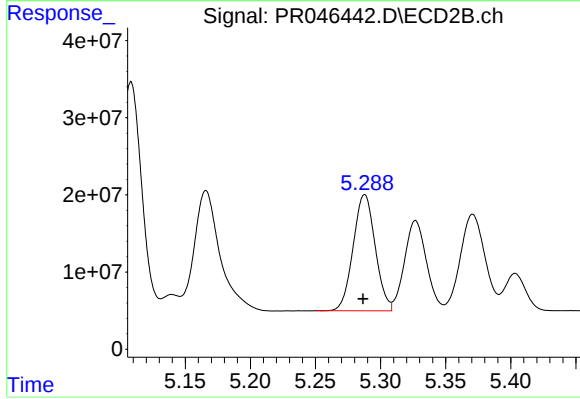
#17 AR-1242-2

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 336646853
Conc: 642.77 ng/ml



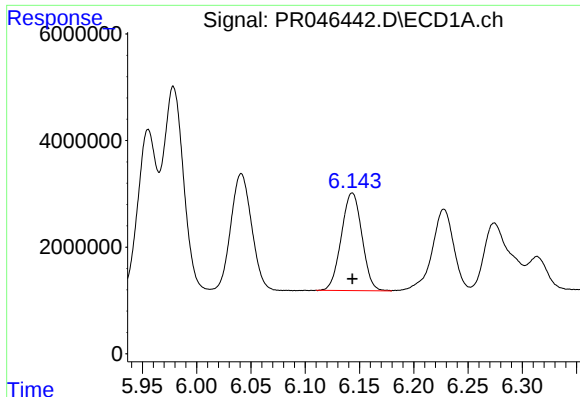
#18 AR-1242-3

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 29484350
Conc: 644.61 ng/ml



#18 AR-1242-3

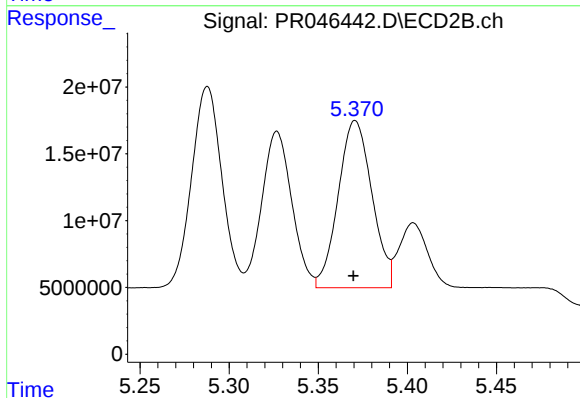
R.T.: 5.288 min
Delta R.T.: 0.001 min
Response: 177533692
Conc: 695.70 ng/ml



#19 AR-1242-4

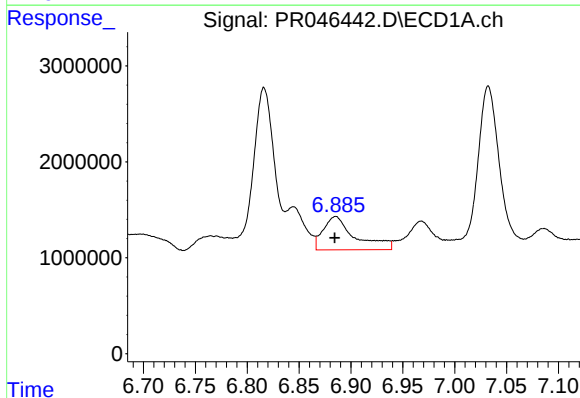
R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 24286126
Conc: 635.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



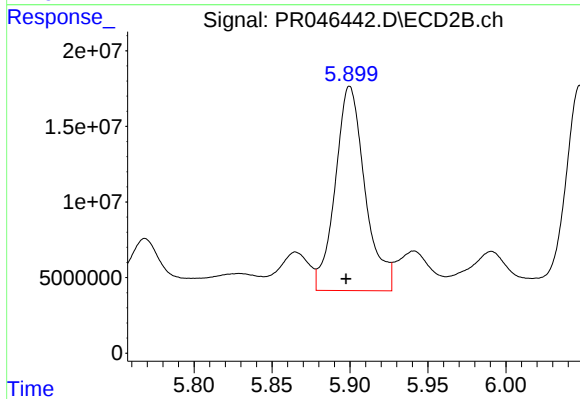
#19 AR-1242-4

R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 164987893
Conc: 634.28 ng/ml



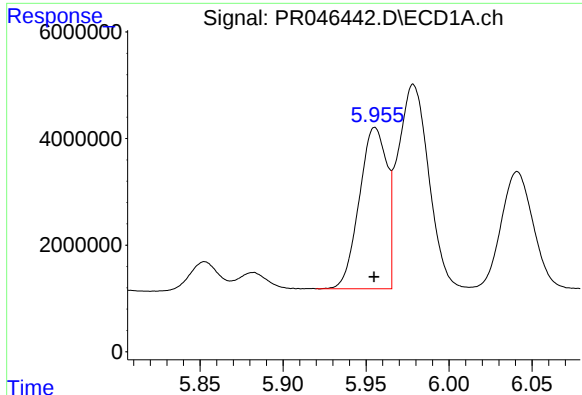
#20 AR-1242-5

R.T.: 6.885 min
Delta R.T.: 0.000 min
Response: 7425852
Conc: 167.83 ng/ml



#20 AR-1242-5

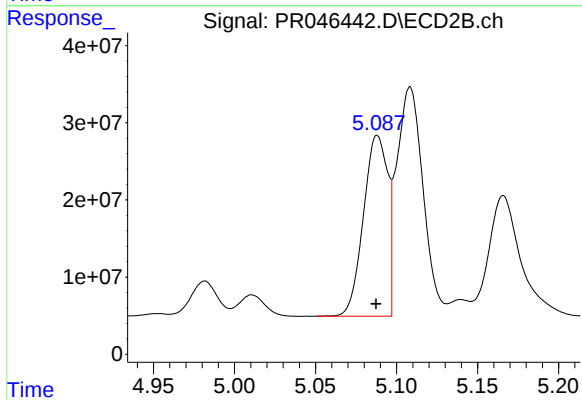
R.T.: 5.900 min
Delta R.T.: 0.002 min
Response: 179624171
Conc: 486.58 ng/ml



#21 AR-1248-1

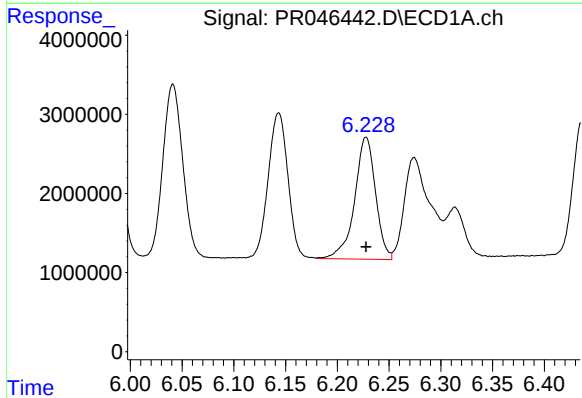
R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 35002829
Conc: 868.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



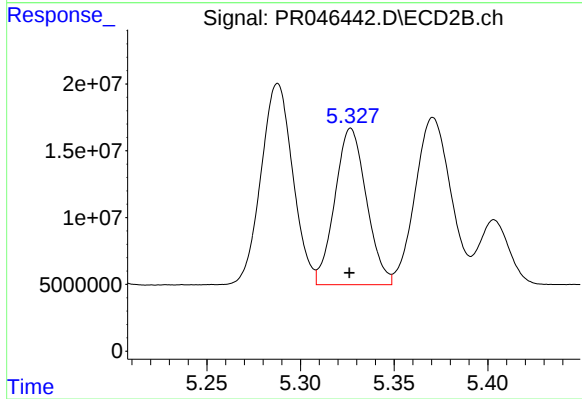
#21 AR-1248-1

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 244068915
Conc: 846.37 ng/ml



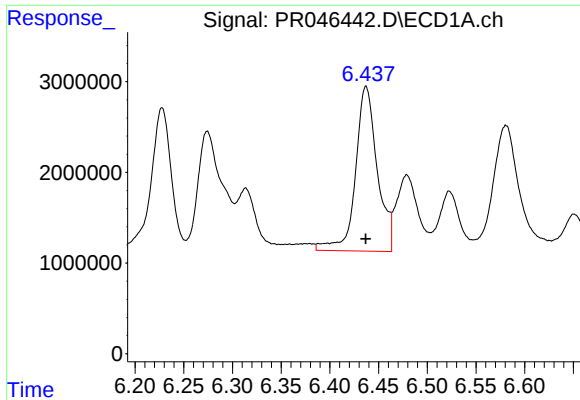
#22 AR-1248-2

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 21731778
Conc: 398.37 ng/ml



#22 AR-1248-2

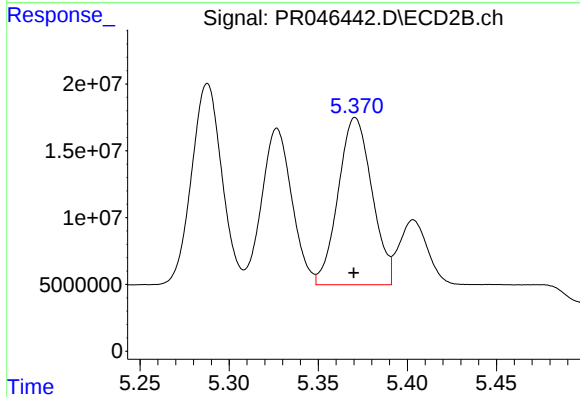
R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 137290451
Conc: 389.07 ng/ml



#23 AR-1248-3

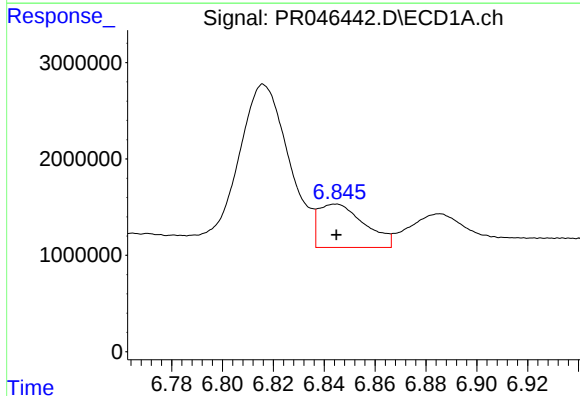
R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 28325964
Conc: 456.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



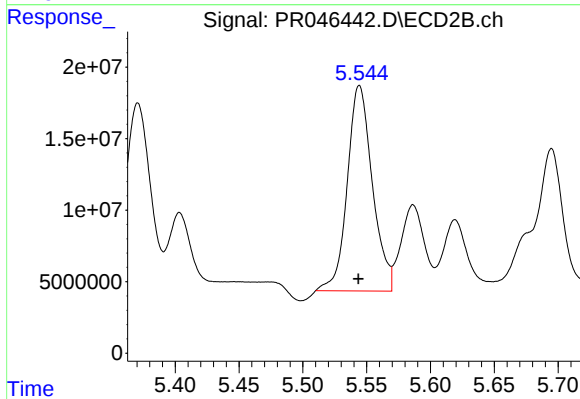
#23 AR-1248-3

R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 164987893
Conc: 440.85 ng/ml



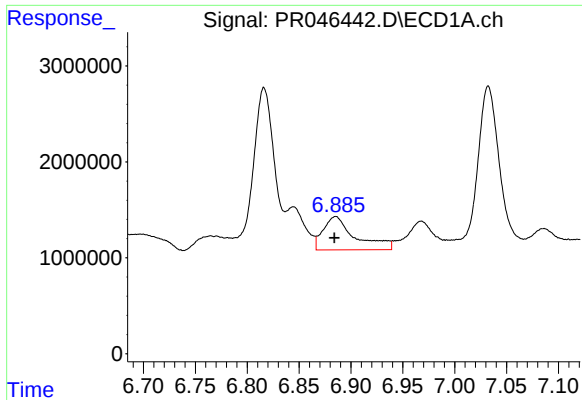
#24 AR-1248-4

R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 5649388
Conc: 76.68 ng/ml



#24 AR-1248-4

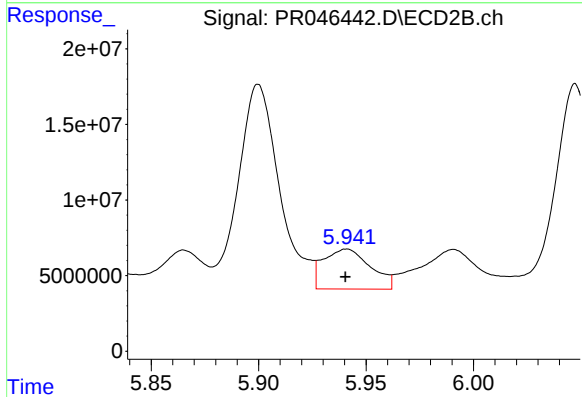
R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 196533656
Conc: 418.65 ng/ml



#25 AR-1248-5

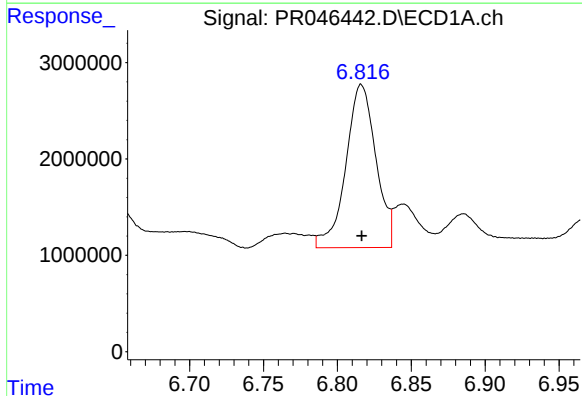
R.T.: 6.885 min
Delta R.T.: 0.001 min
Response: 7425852
Conc: 105.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



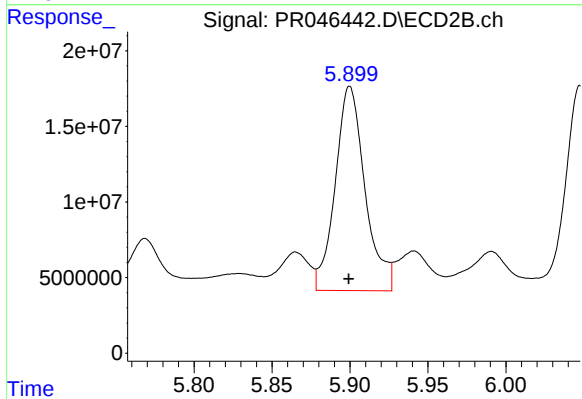
#25 AR-1248-5

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 40221316
Conc: 83.08 ng/ml



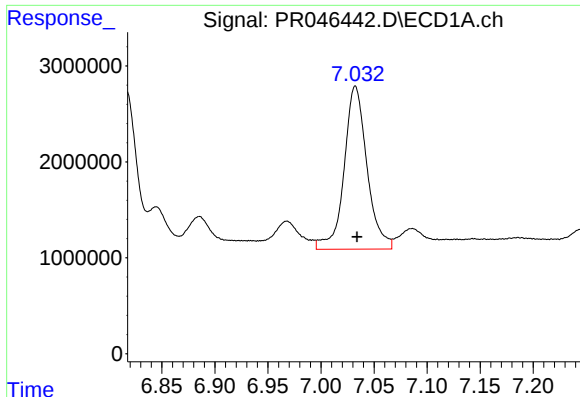
#26 AR-1254-1

R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 23978716
Conc: 310.56 ng/ml



#26 AR-1254-1

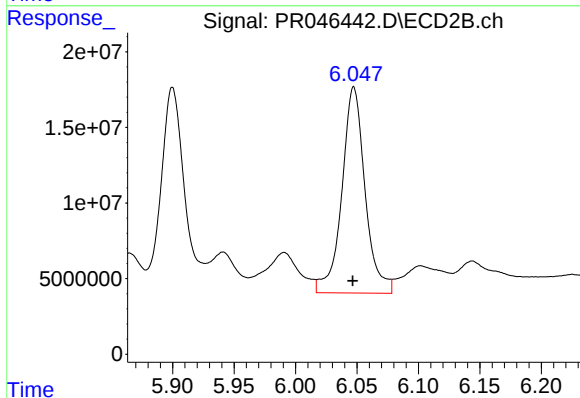
R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 179624171
Conc: 228.07 ng/ml



#27 AR-1254-2

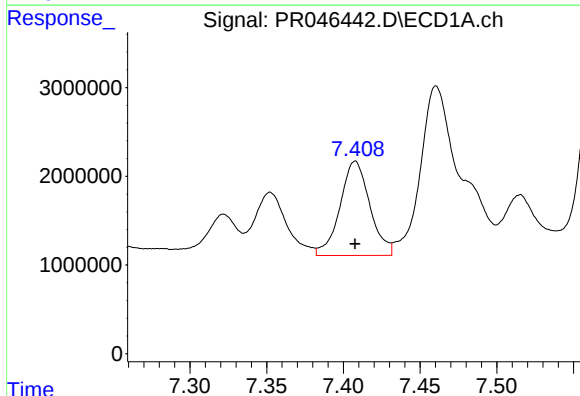
R.T.: 7.032 min
Delta R.T.: -0.001 min
Response: 25549670
Conc: 208.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



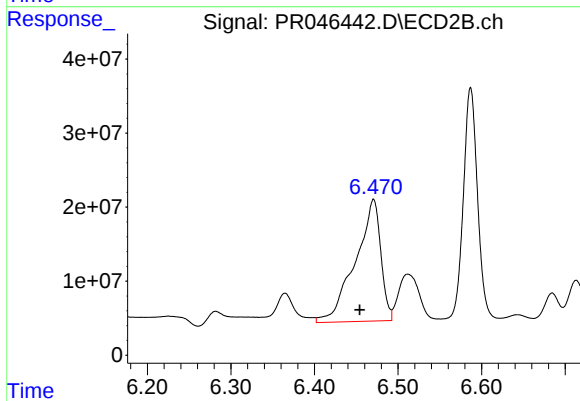
#27 AR-1254-2

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 179333034
Conc: 260.82 ng/ml



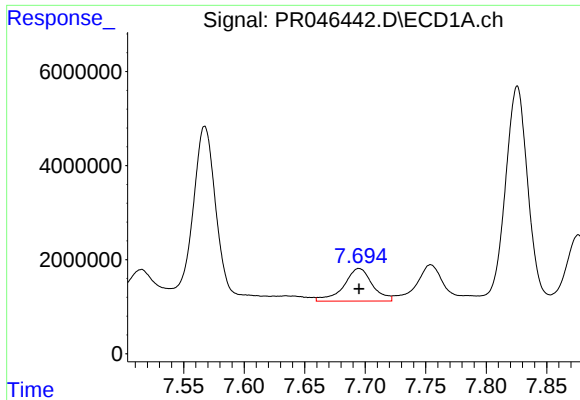
#28 AR-1254-3

R.T.: 7.408 min
Delta R.T.: 0.000 min
Response: 14440057
Conc: 107.68 ng/ml



#28 AR-1254-3

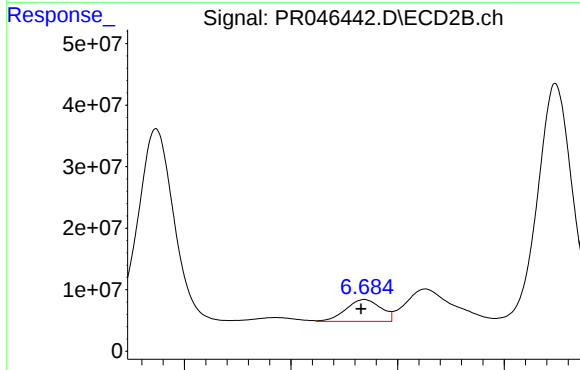
R.T.: 6.471 min
Delta R.T.: 0.016 min
Response: 347635772
Conc: 292.83 ng/ml



#29 AR-1254-4

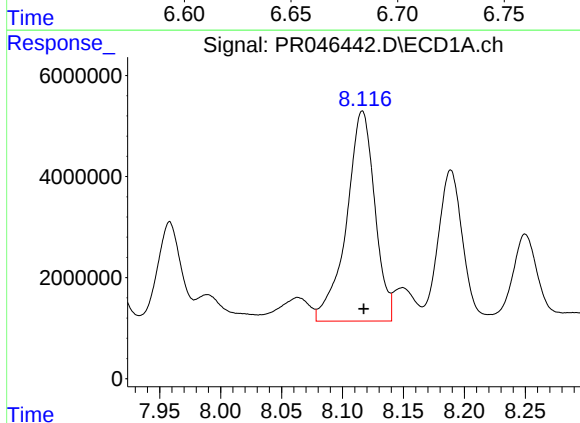
R.T.: 7.695 min
Delta R.T.: 0.000 min
Response: 11391063
Conc: 110.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



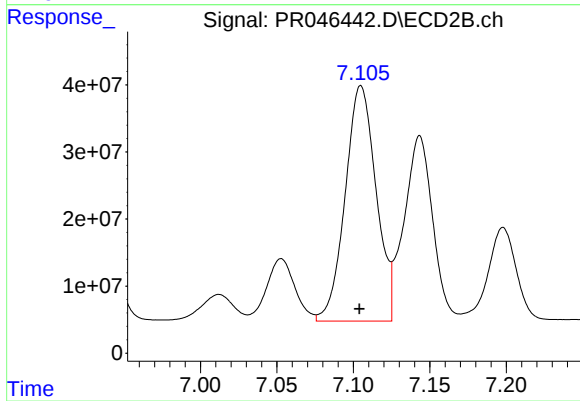
#29 AR-1254-4

R.T.: 6.685 min
Delta R.T.: 0.002 min
Response: 40209348
Conc: 52.18 ng/ml



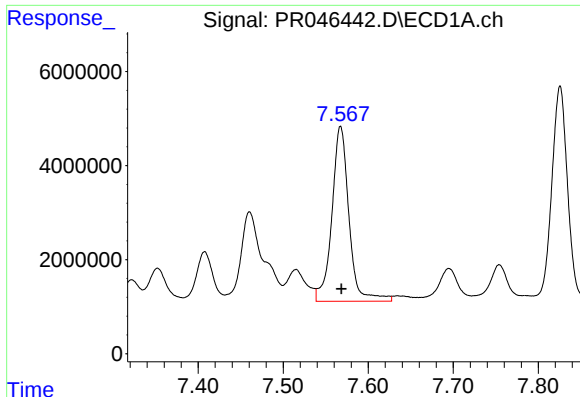
#30 AR-1254-5

R.T.: 8.116 min
Delta R.T.: -0.001 min
Response: 67321061
Conc: 605.40 ng/ml



#30 AR-1254-5

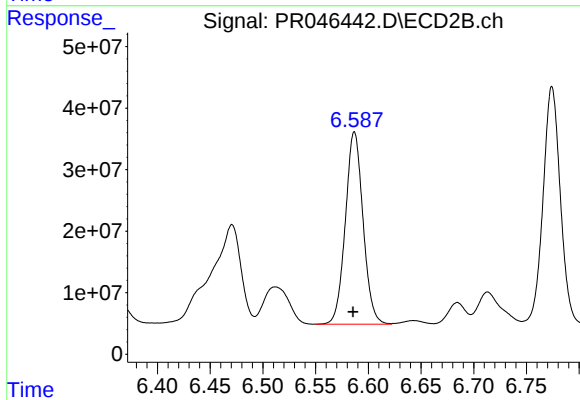
R.T.: 7.105 min
Delta R.T.: 0.001 min
Response: 494203657
Conc: 470.35 ng/ml



#31 AR-1260-1

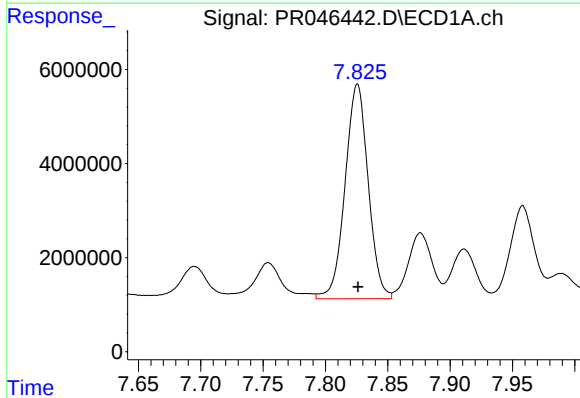
R.T.: 7.567 min
Delta R.T.: -0.001 min
Response: 52047390
Conc: 559.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



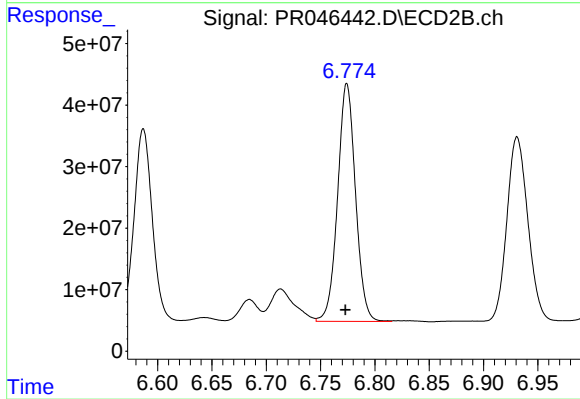
#31 AR-1260-1

R.T.: 6.587 min
Delta R.T.: 0.001 min
Response: 365858099
Conc: 506.96 ng/ml



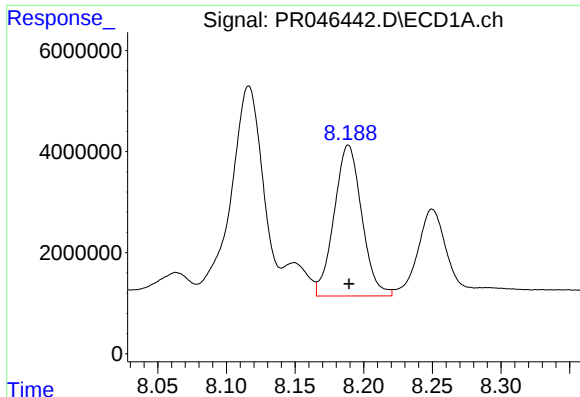
#32 AR-1260-2

R.T.: 7.826 min
Delta R.T.: 0.000 min
Response: 58874485
Conc: 512.62 ng/ml



#32 AR-1260-2

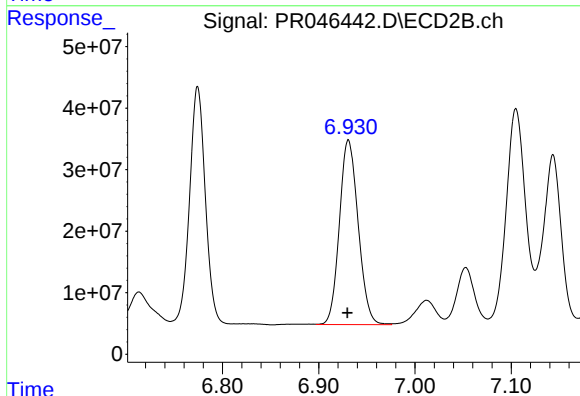
R.T.: 6.774 min
Delta R.T.: 0.001 min
Response: 443005617
Conc: 500.98 ng/ml



#33 AR-1260-3

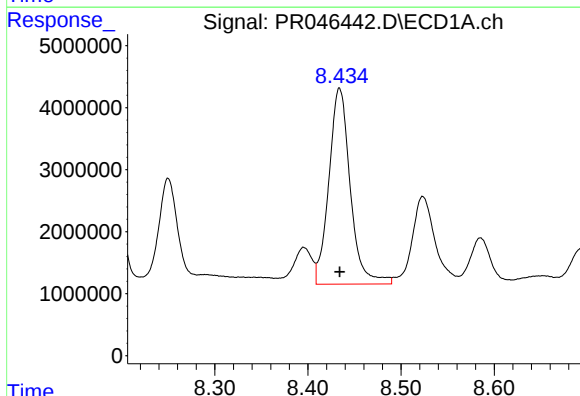
R.T.: 8.189 min
Delta R.T.: 0.000 min
Response: 41809042
Conc: 465.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



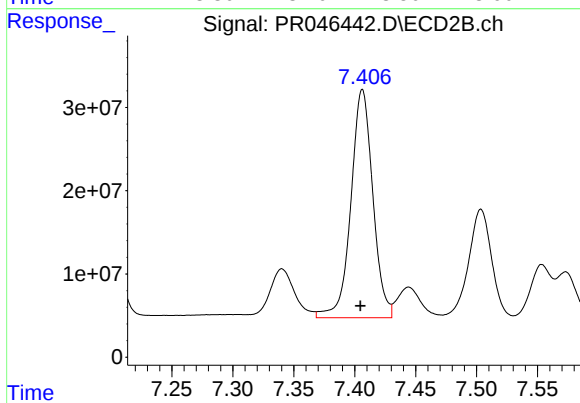
#33 AR-1260-3

R.T.: 6.931 min
Delta R.T.: 0.001 min
Response: 405188137
Conc: 492.14 ng/ml



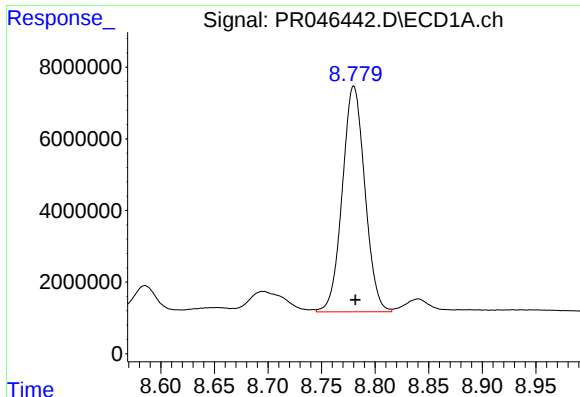
#34 AR-1260-4

R.T.: 8.434 min
Delta R.T.: 0.000 min
Response: 50468989
Conc: 484.82 ng/ml



#34 AR-1260-4

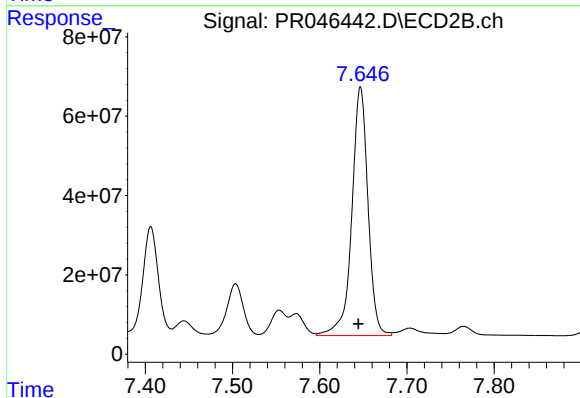
R.T.: 7.406 min
Delta R.T.: 0.002 min
Response: 343330685
Conc: 480.47 ng/ml



#35 AR-1260-5

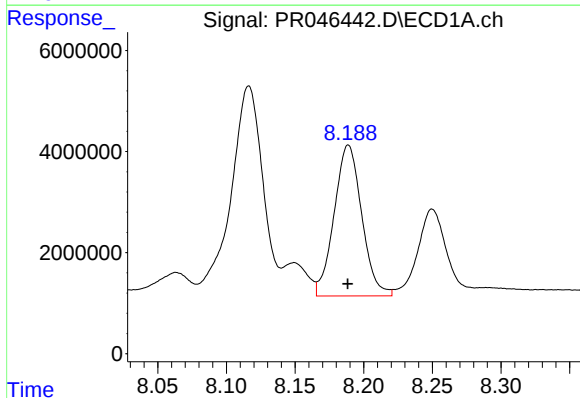
R.T.: 8.780 min
Delta R.T.: -0.002 min
Response: 92332577
Conc: 428.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



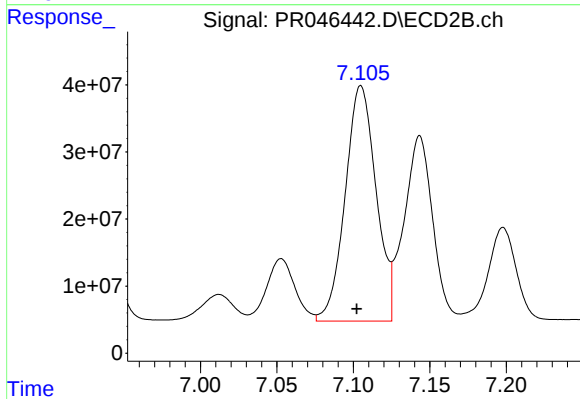
#35 AR-1260-5

R.T.: 7.647 min
Delta R.T.: 0.002 min
Response: 808150247
Conc: 436.45 ng/ml



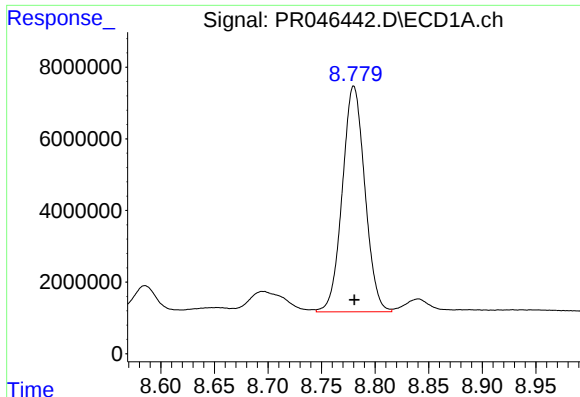
#36 AR-1262-1

R.T.: 8.189 min
Delta R.T.: 0.000 min
Response: 41809042
Conc: 343.31 ng/ml



#36 AR-1262-1

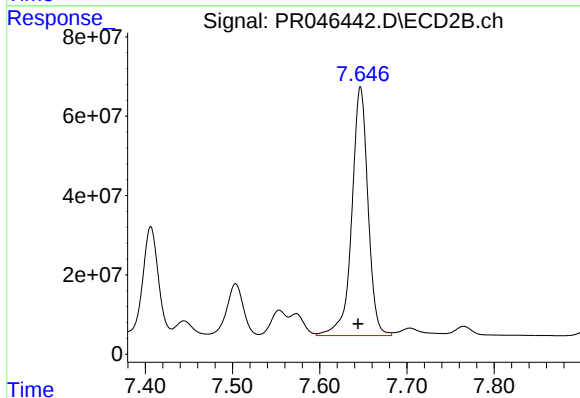
R.T.: 7.105 min
Delta R.T.: 0.003 min
Response: 494203657
Conc: 1008.97 ng/ml



#37 AR-1262-2

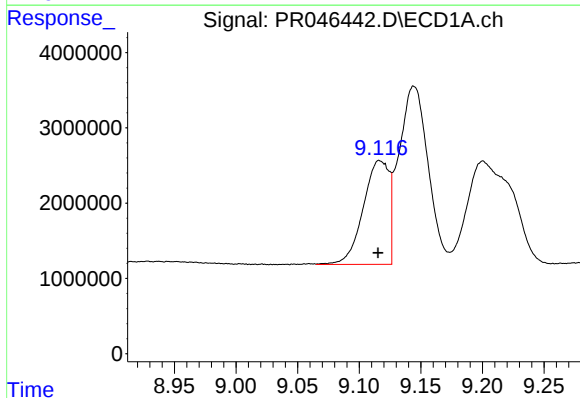
R.T.: 8.780 min
Delta R.T.: 0.000 min
Response: 92332577
Conc: 407.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



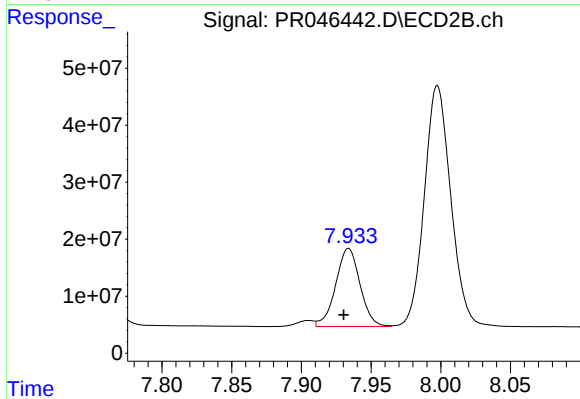
#37 AR-1262-2

R.T.: 7.647 min
Delta R.T.: 0.003 min
Response: 808150247
Conc: 415.78 ng/ml



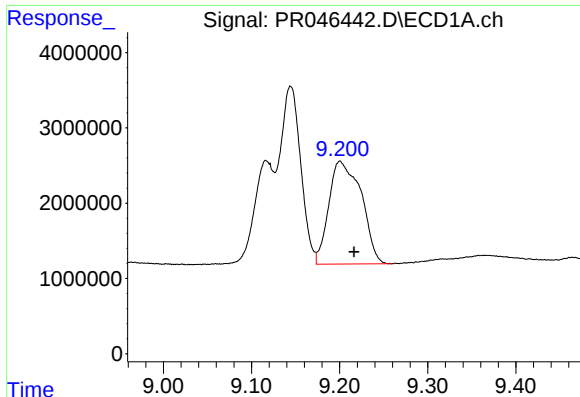
#38 AR-1262-3

R.T.: 9.116 min
Delta R.T.: 0.001 min
Response: 20137682
Conc: 206.23 ng/ml



#38 AR-1262-3

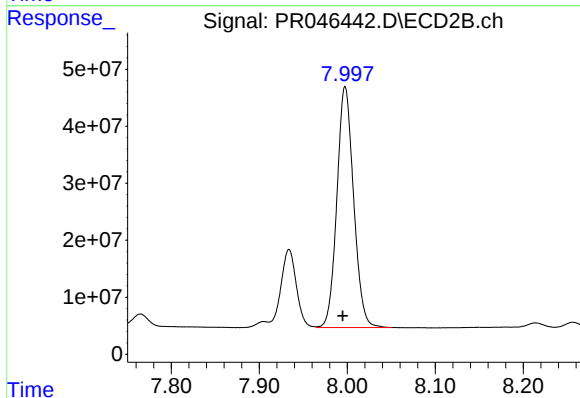
R.T.: 7.934 min
Delta R.T.: 0.004 min
Response: 166936464
Conc: 220.88 ng/ml



#39 AR-1262-4

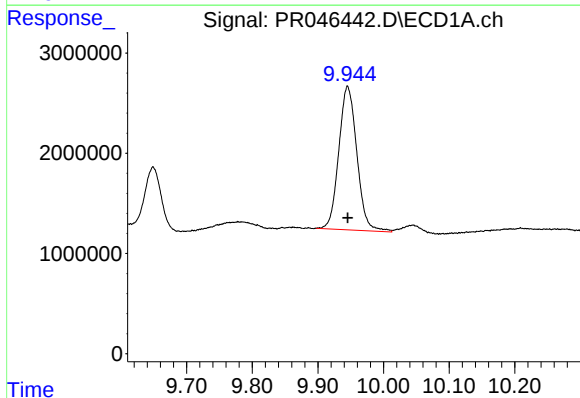
R.T.: 9.200 min
Delta R.T.: -0.016 min
Response: 34906583
Conc: 306.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



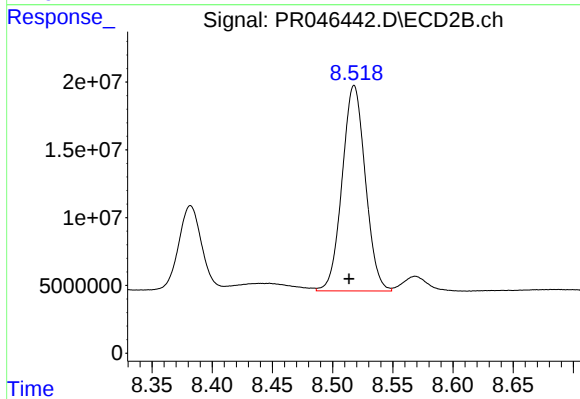
#39 AR-1262-4

R.T.: 7.998 min
Delta R.T.: 0.003 min
Response: 558302650
Conc: 393.63 ng/ml



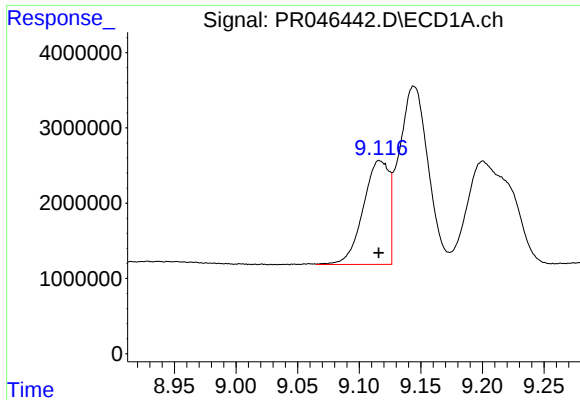
#40 AR-1262-5

R.T.: 9.945 min
Delta R.T.: 0.000 min
Response: 27417071
Conc: 334.98 ng/ml



#40 AR-1262-5

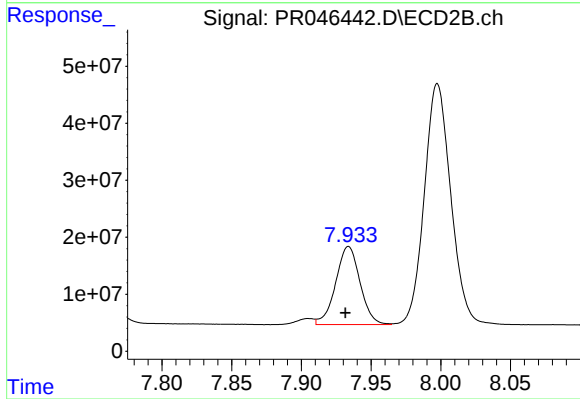
R.T.: 8.518 min
Delta R.T.: 0.004 min
Response: 203412390
Conc: 299.81 ng/ml



#41 AR-1268-1

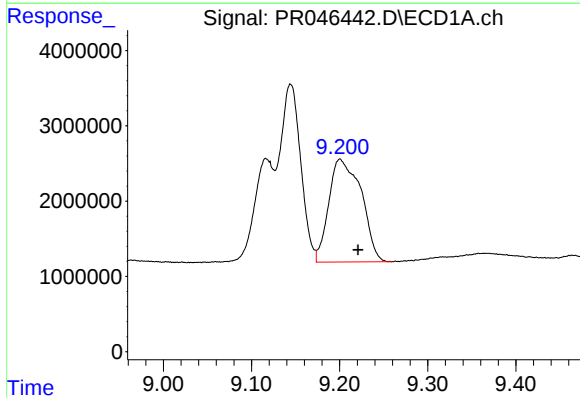
R.T.: 9.116 min
Delta R.T.: 0.000 min
Response: 20137682
Conc: 70.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



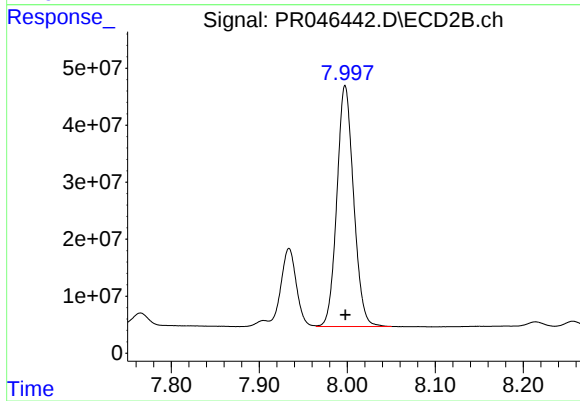
#41 AR-1268-1

R.T.: 7.934 min
Delta R.T.: 0.002 min
Response: 166936464
Conc: 70.15 ng/ml



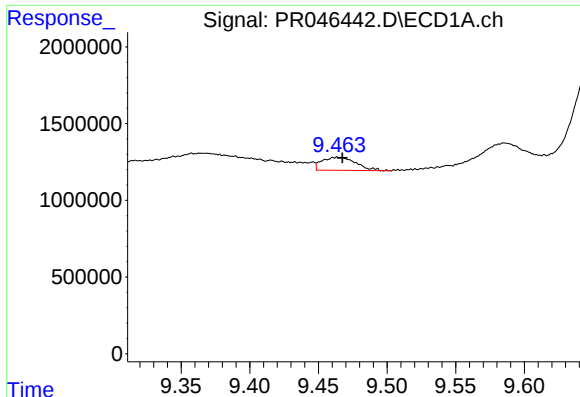
#42 AR-1268-2

R.T.: 9.200 min
Delta R.T.: -0.021 min
Response: 34906583
Conc: 132.27 ng/ml



#42 AR-1268-2

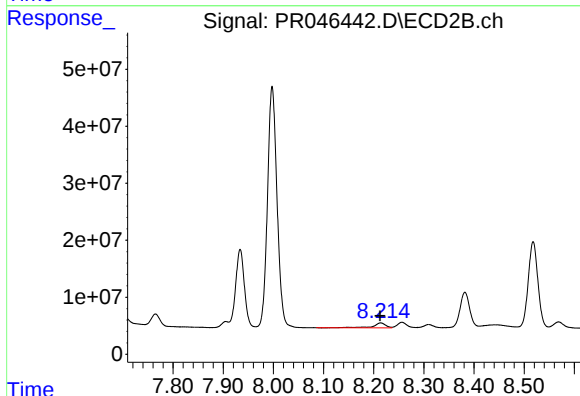
R.T.: 7.998 min
Delta R.T.: 0.000 min
Response: 558302650
Conc: 247.97 ng/ml



#43 AR-1268-3

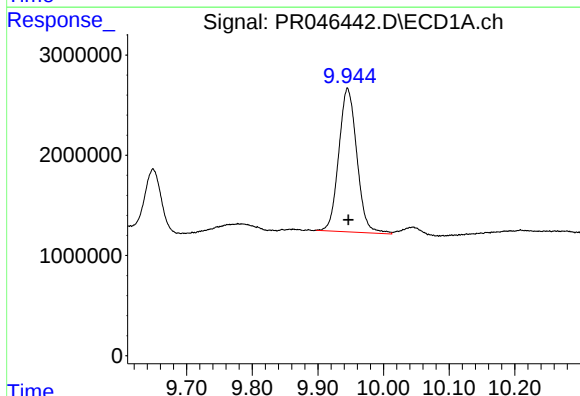
R.T.: 9.464 min
Delta R.T.: -0.003 min
Response: 1462551
Conc: 6.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



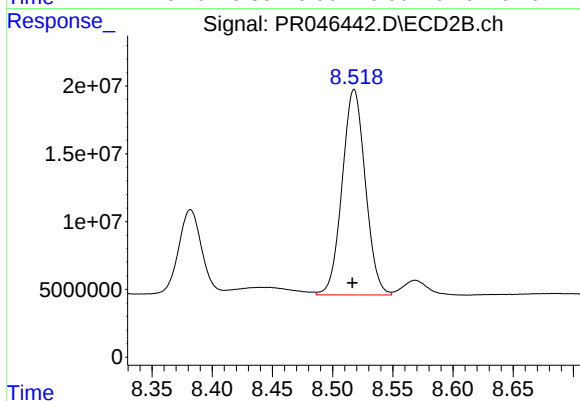
#43 AR-1268-3

R.T.: 8.214 min
Delta R.T.: 0.002 min
Response: 15382711
Conc: 8.16 ng/ml



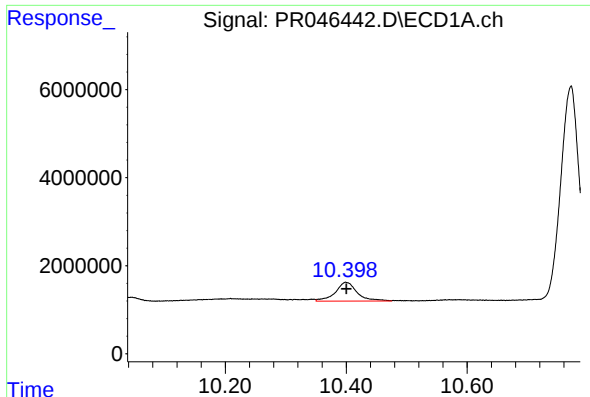
#44 AR-1268-4

R.T.: 9.945 min
Delta R.T.: -0.001 min
Response: 27417071
Conc: 290.69 ng/ml



#44 AR-1268-4

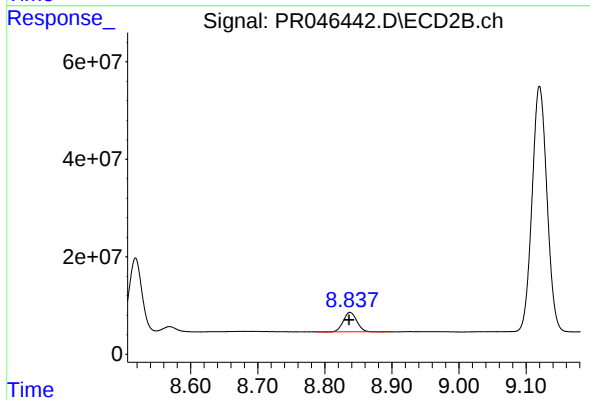
R.T.: 8.518 min
Delta R.T.: 0.001 min
Response: 203412390
Conc: 262.75 ng/ml



#45 AR-1268-5

R.T.: 10.399 min
Delta R.T.: -0.001 min
Response: 10642651
Conc: 14.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.837 min
Delta R.T.: 0.001 min
Response: 55200328
Conc: 9.95 ng/ml