

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072519\
 Data File : PR039708.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2019 07:53
 Operator : SM\AJ
 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 25 08:45:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 22 14:03:19 2019
 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...	3.756	4.602	125.4E6	495.9E6	52.234	49.465
2)	SA Decachlor...	8.693	10.333	130.5E6	477.9E6	52.542	50.910
Target Compounds							
3)	L1 AR-1016-1	4.824	5.756	44662034	173.9E6	507.996	480.785
4)	L1 AR-1016-2	4.841	5.779	72955006	249.7E6	503.677	481.493
5)	L1 AR-1016-3	5.015	5.840	34259848	145.8E6	493.241	475.867
6)	L1 AR-1016-4	5.056	5.939	23411702	123.3E6	415.900	472.821
7)	L1 AR-1016-5	5.265	6.228	41499764	117.5E6	553.310	467.877
8)	L2 AR-1221-1	3.965	4.802	3585794	13117330	110.172	104.949
9)	L2 AR-1221-2	4.051	4.894	5352319	20222722	219.981	216.372
10)	L2 AR-1221-3	4.126	4.969	20795381	77875006	265.525	254.976
11)	L3 AR-1232-1	4.126	4.969	20795381	77875006	266.096	267.826
12)	L3 AR-1232-2	4.841	5.492	72955006	114.0E6	776.147	757.742
13)	L3 AR-1232-3	5.015	5.779	34259848	249.7E6	810.451	779.301
14)	L3 AR-1232-4	5.096	5.939	34476215	123.3E6	866.209	763.945
15)	L3 AR-1232-5	5.265	6.024	41499764	102.7E6	980.619	909.041
16)	L4 AR-1242-1	4.824	5.756	44662034	173.9E6	489.197	488.640
17)	L4 AR-1242-2	4.841	5.779	72955006	249.7E6	509.010	481.696
18)	L4 AR-1242-3	5.015	5.840	34259848	145.8E6	484.742	473.560
19)	L4 AR-1242-4	5.096	5.939	34476215	123.3E6	492.879	470.767
20)	L4 AR-1242-5	5.610	6.665	38147835	14468837	384.051	49.884 #
21)	L5 AR-1248-1	4.824	5.756	44662034	173.9E6	617.182	607.519
22)	L5 AR-1248-2	5.056	6.024	23411702	102.7E6	299.251	272.805
23)	L5 AR-1248-3	5.096	6.228	34476215	117.5E6	322.857	269.691
24)	L5 AR-1248-4	5.265	6.625	41499764	17161053	313.468	33.039 #
25)	L5 AR-1248-5	5.646	6.665	8758710	14468837	60.430	29.353 #
26)	L6 AR-1254-1	5.610	6.600	38147835	92898933	247.344	255.043
27)	L6 AR-1254-2	5.754	6.813	33055790	87255627	252.464	152.763 #
28)	L6 AR-1254-3	6.164	7.179	59661792	58597036	267.027	93.981 #
29)	L6 AR-1254-4	6.376	7.460	7344907	48080062	50.509	106.162 #
30)	L6 AR-1254-5	6.787	7.874	97322768	312.2E6	511.106	657.439 #
31)	L7 AR-1260-1	6.279	7.339	70584647	209.3E6	484.348	471.694
32)	L7 AR-1260-2	6.463	7.591	89666974	269.6E6	487.020	491.817
33)	L7 AR-1260-3	6.615	7.946	81774948	198.2E6	493.608	472.805
34)	L7 AR-1260-4	7.080	8.175	68860592	228.1E6	495.376	472.825
35)	L7 AR-1260-5	7.318	8.500	175.8E6	491.1E6	509.594	478.843
36)	L8 AR-1262-1	6.877	7.946	35159618	198.2E6	239.461	190.938
37)	L8 AR-1262-2	7.318	8.500	175.8E6	491.1E6	260.117	243.810
38)	L8 AR-1262-3	7.598	8.836	36922898	307.5E6	155.434	245.027 #
39)	L8 AR-1262-4	7.661	8.891	125.8E6	193.5E6	271.671	204.975
40)	L8 AR-1262-5	8.152	9.576	43781458	147.6E6	225.159	232.410
41)	L9 AR-1268-1	7.598	8.836	36922898	307.5E6	48.167	129.575 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072519\
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 Acq On : 25 Jul 2019 07:53
 Operator : SM\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

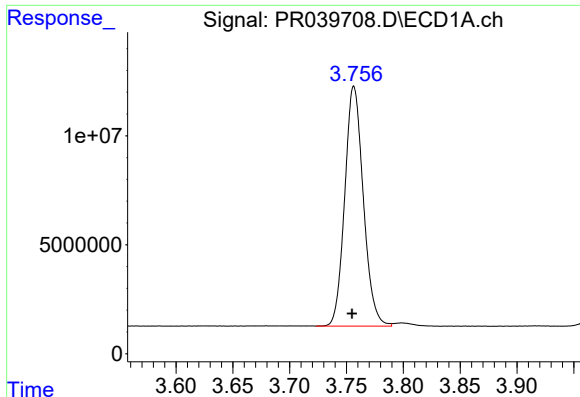
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 08:45:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072219.M
 Quant Title : GC EXTRACTABLES
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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	7.661	8.891	125.8E6	193.5E6	179.190	87.136 #
43) L9	AR-1268-3	7.865	0.000	2123277	0	3.821	N.D. #
44) L9	AR-1268-4	8.152	9.576	43781458	147.6E6	190.031	199.095
45) L9	AR-1268-5	8.442	9.994	14051462	41249035	8.246	7.051

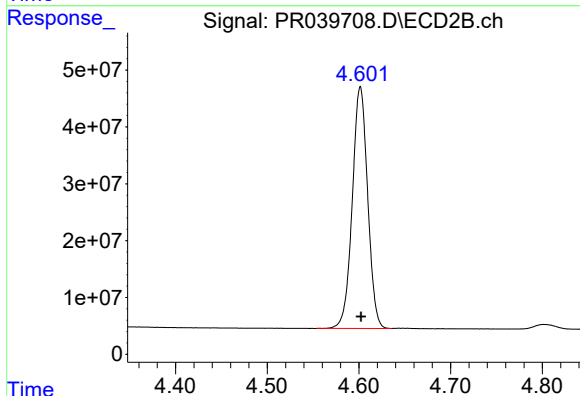
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

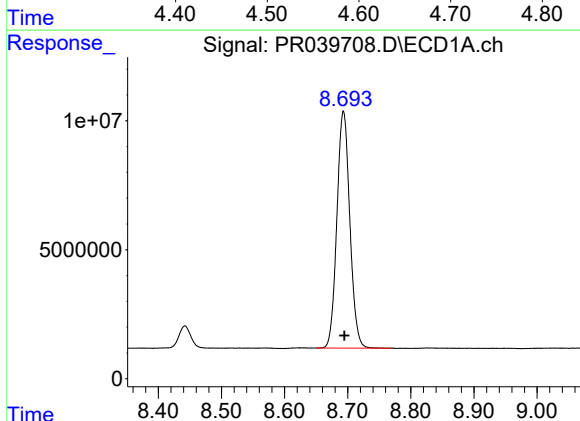
R.T.: 3.756 min
Delta R.T.: 0.001 min
Response: 125358654
Conc: 52.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



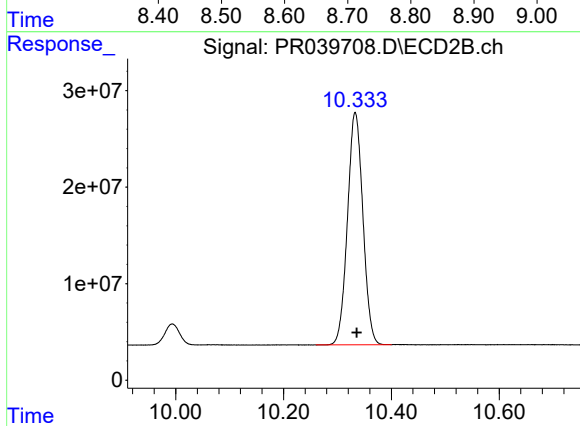
#1 Tetrachloro-m-xylene

R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 495852994
Conc: 49.47 ng/ml



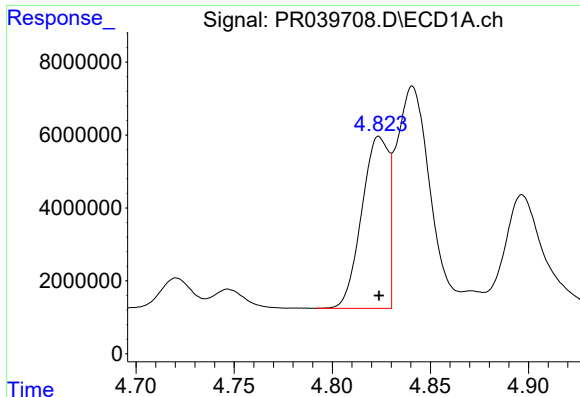
#2 Decachlorobiphenyl

R.T.: 8.693 min
Delta R.T.: -0.001 min
Response: 130544876
Conc: 52.54 ng/ml



#2 Decachlorobiphenyl

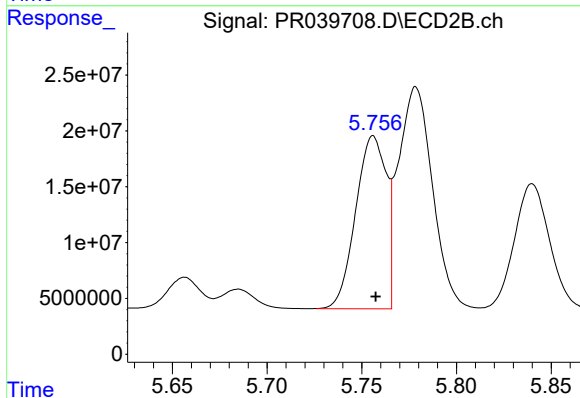
R.T.: 10.333 min
Delta R.T.: -0.003 min
Response: 477934140
Conc: 50.91 ng/ml



#3 AR-1016-1

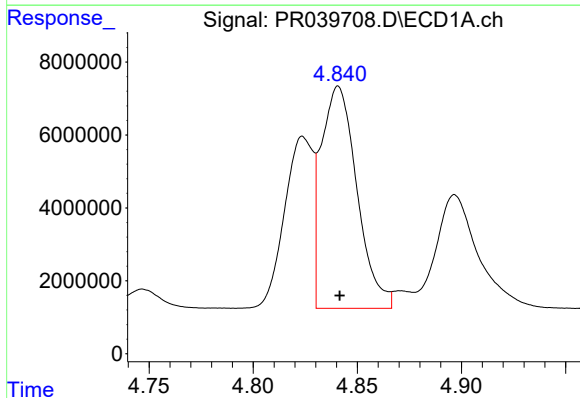
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 44662034
Conc: 508.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



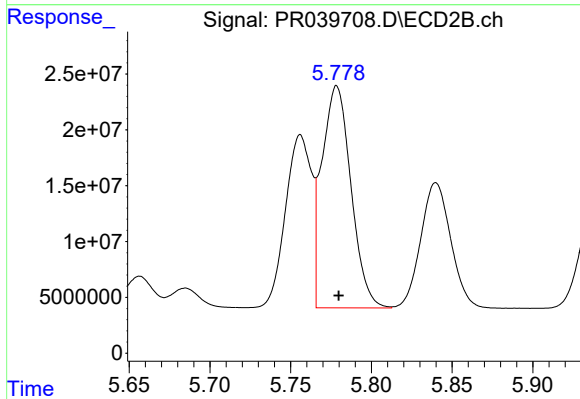
#3 AR-1016-1

R.T.: 5.756 min
Delta R.T.: -0.001 min
Response: 173899939
Conc: 480.78 ng/ml



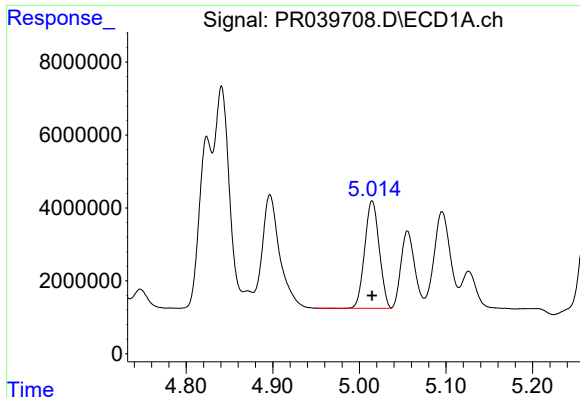
#4 AR-1016-2

R.T.: 4.841 min
Delta R.T.: 0.000 min
Response: 72955006
Conc: 503.68 ng/ml



#4 AR-1016-2

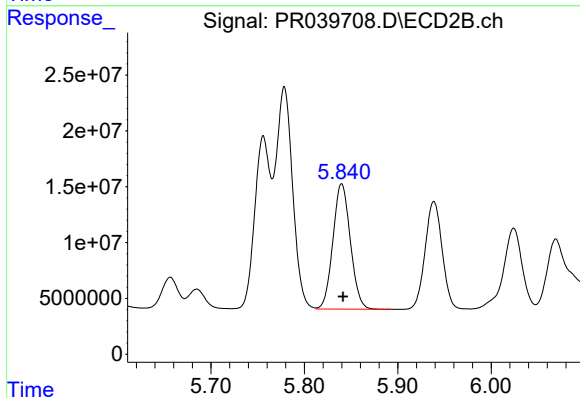
R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 249695279
Conc: 481.49 ng/ml



#5 AR-1016-3

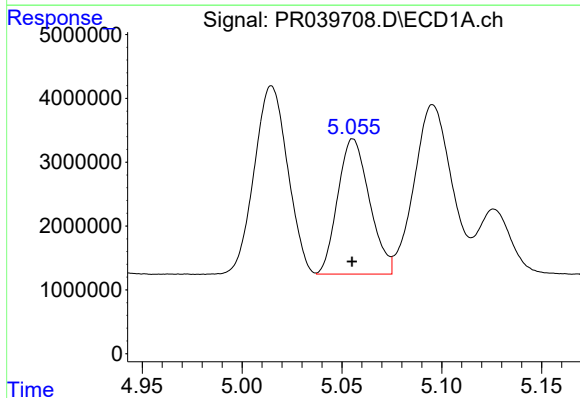
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 34259848
Conc: 493.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



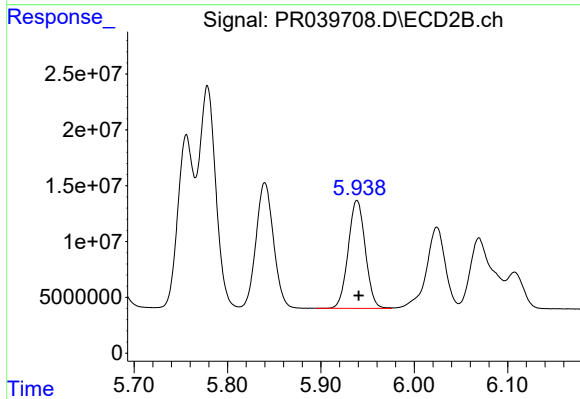
#5 AR-1016-3

R.T.: 5.840 min
Delta R.T.: -0.002 min
Response: 145841310
Conc: 475.87 ng/ml



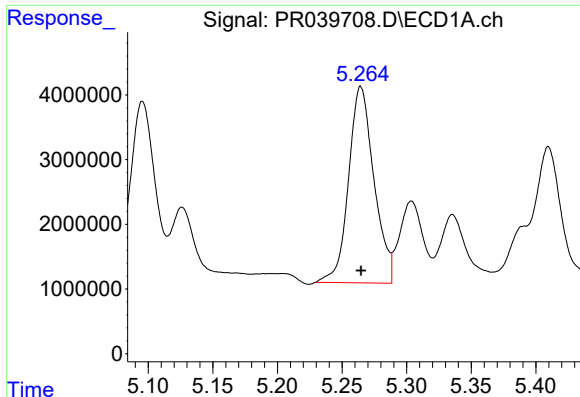
#6 AR-1016-4

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 23411702
Conc: 415.90 ng/ml



#6 AR-1016-4

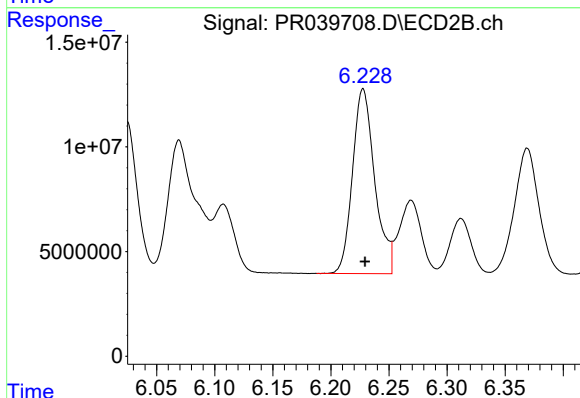
R.T.: 5.939 min
Delta R.T.: -0.002 min
Response: 123262814
Conc: 472.82 ng/ml



#7 AR-1016-5

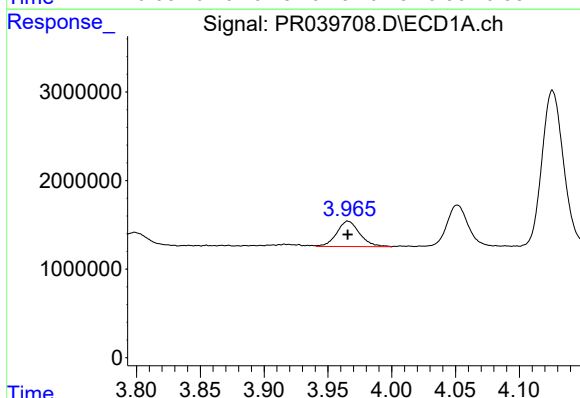
R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 41499764
Conc: 553.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



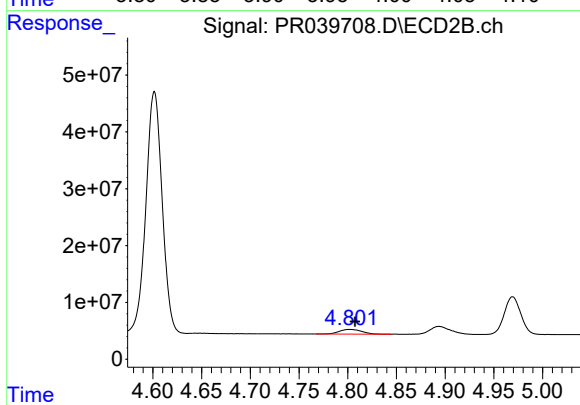
#7 AR-1016-5

R.T.: 6.228 min
Delta R.T.: -0.002 min
Response: 117549073
Conc: 467.88 ng/ml



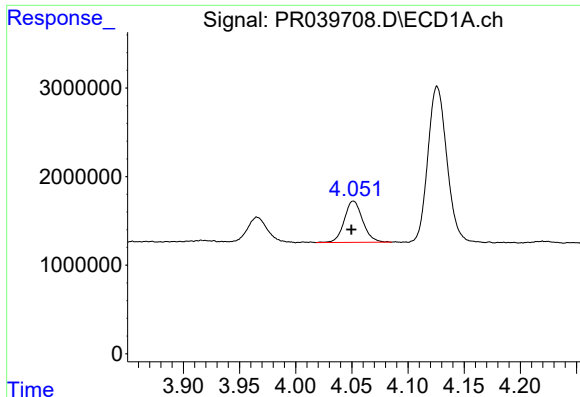
#8 AR-1221-1

R.T.: 3.965 min
Delta R.T.: 0.000 min
Response: 3585794
Conc: 110.17 ng/ml



#8 AR-1221-1

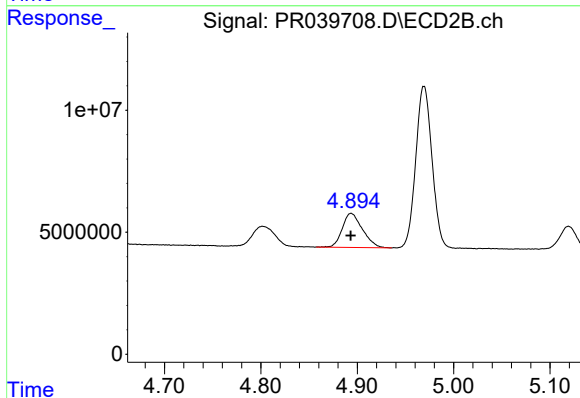
R.T.: 4.802 min
Delta R.T.: -0.006 min
Response: 13117330
Conc: 104.95 ng/ml



#9 AR-1221-2

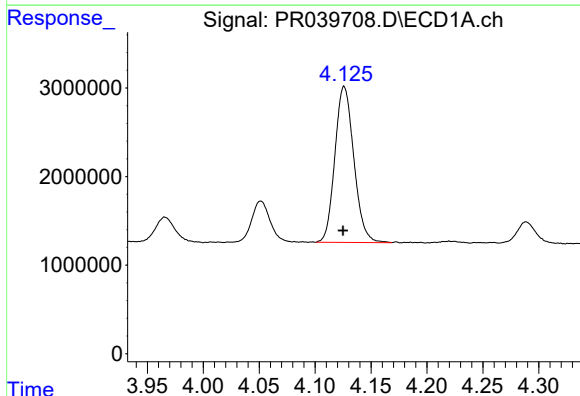
R.T.: 4.051 min
Delta R.T.: 0.002 min
Response: 5352319
Conc: 219.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



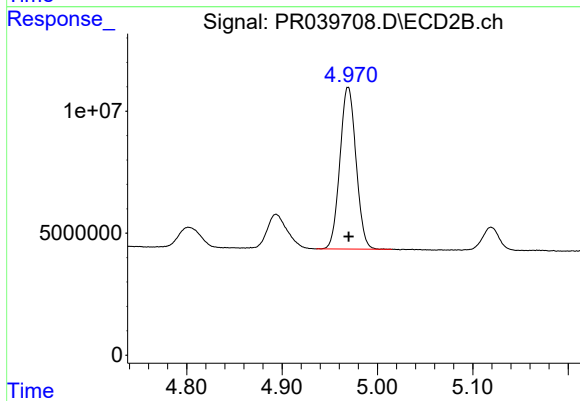
#9 AR-1221-2

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 20222722
Conc: 216.37 ng/ml



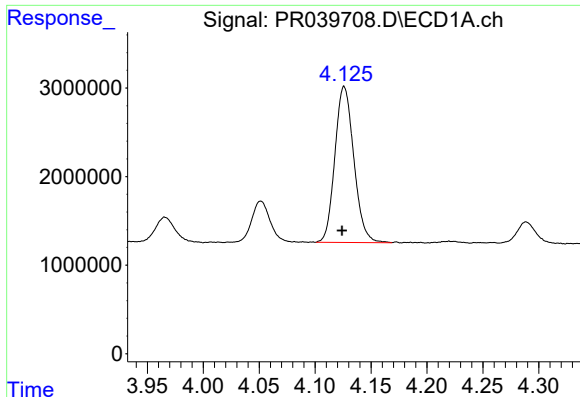
#10 AR-1221-3

R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 20795381
Conc: 265.52 ng/ml



#10 AR-1221-3

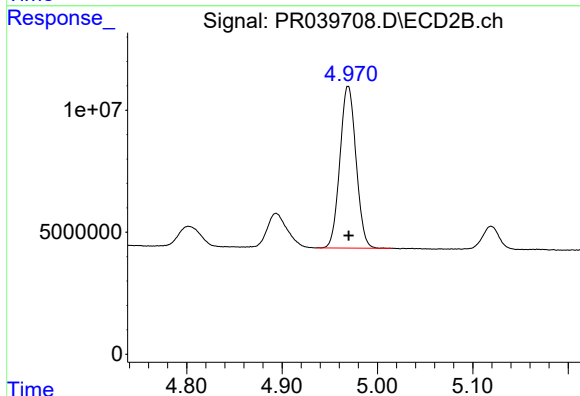
R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 77875006
Conc: 254.98 ng/ml



#11 AR-1232-1

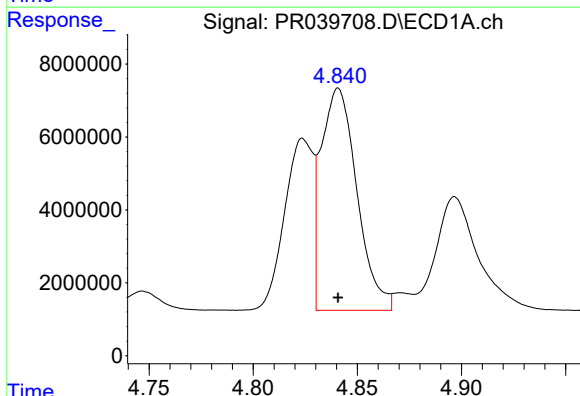
R.T.: 4.126 min
Delta R.T.: 0.002 min
Response: 20795381
Conc: 266.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



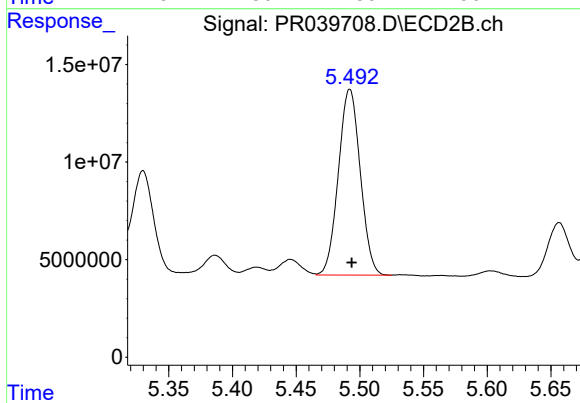
#11 AR-1232-1

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 77875006
Conc: 267.83 ng/ml



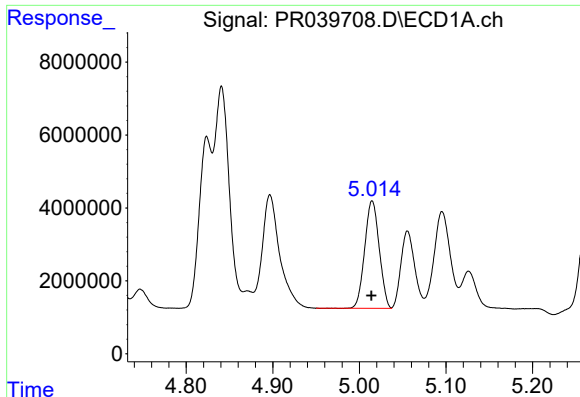
#12 AR-1232-2

R.T.: 4.841 min
Delta R.T.: 0.000 min
Response: 72955006
Conc: 776.15 ng/ml



#12 AR-1232-2

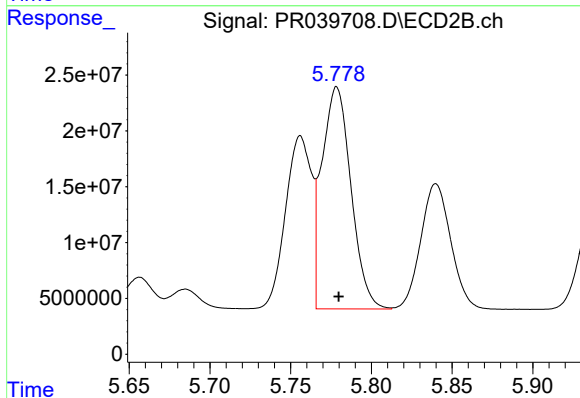
R.T.: 5.492 min
Delta R.T.: -0.002 min
Response: 113989846
Conc: 757.74 ng/ml



#13 AR-1232-3

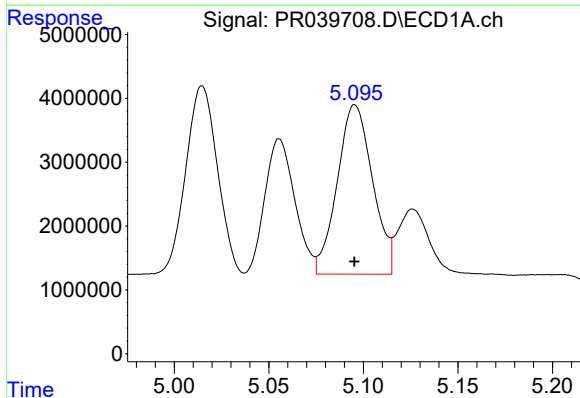
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 34259848
Conc: 810.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



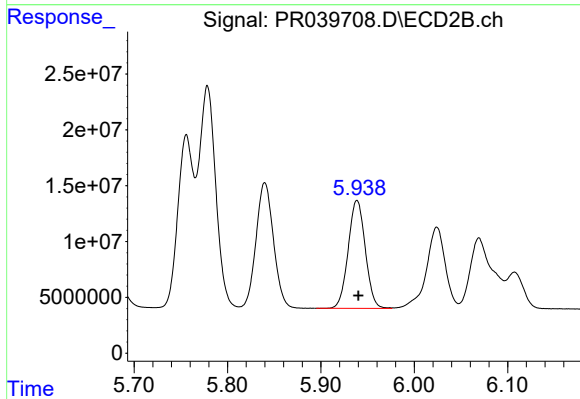
#13 AR-1232-3

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 249695279
Conc: 779.30 ng/ml



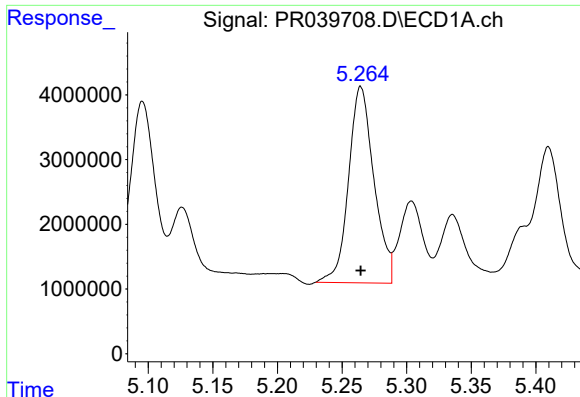
#14 AR-1232-4

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 34476215
Conc: 866.21 ng/ml



#14 AR-1232-4

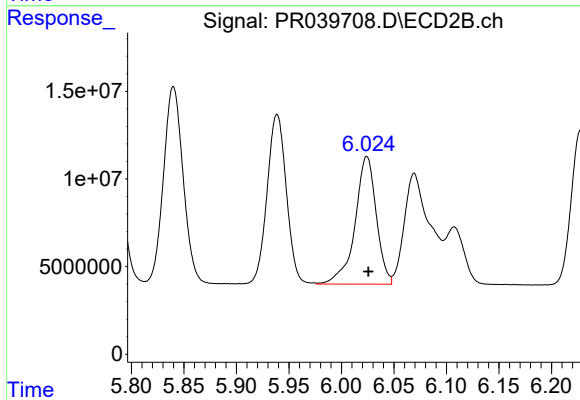
R.T.: 5.939 min
Delta R.T.: -0.002 min
Response: 123262814
Conc: 763.95 ng/ml



#15 AR-1232-5

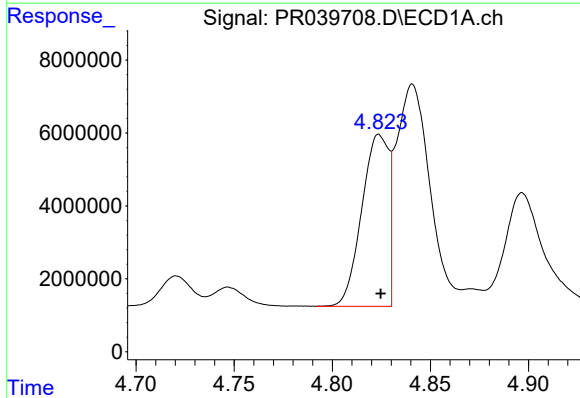
R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 41499764
Conc: 980.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



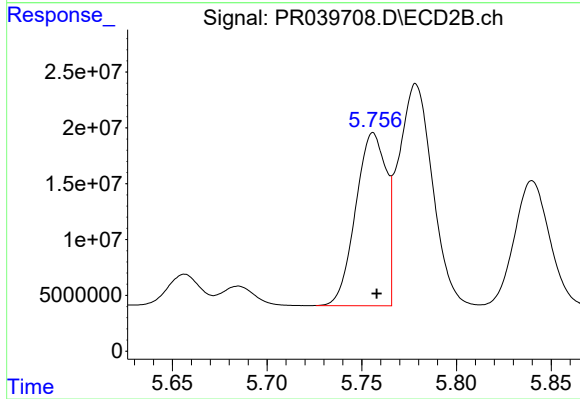
#15 AR-1232-5

R.T.: 6.024 min
Delta R.T.: -0.002 min
Response: 102709962
Conc: 909.04 ng/ml



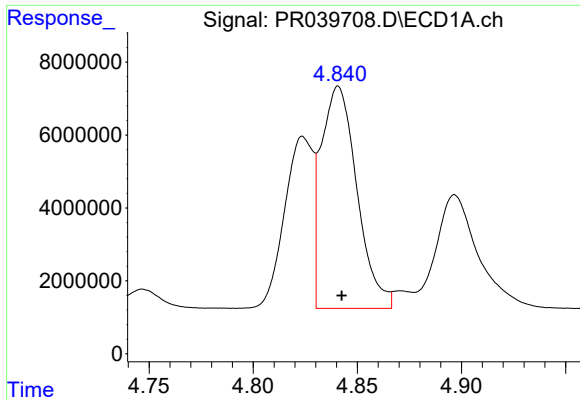
#16 AR-1242-1

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 44662034
Conc: 489.20 ng/ml



#16 AR-1242-1

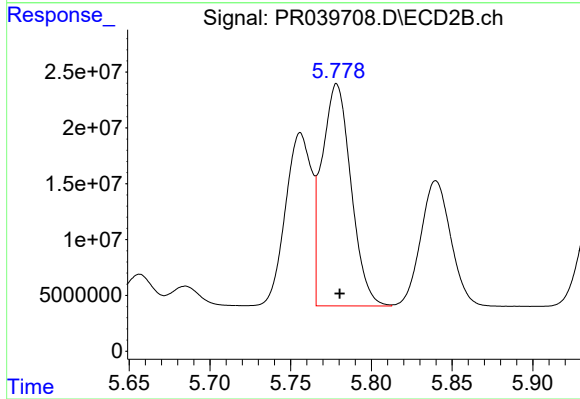
R.T.: 5.756 min
Delta R.T.: -0.002 min
Response: 173899939
Conc: 488.64 ng/ml



#17 AR-1242-2

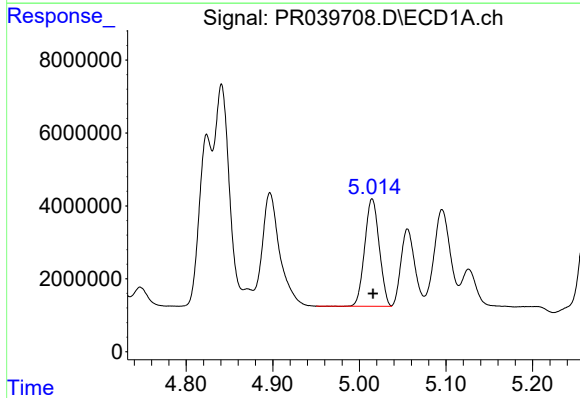
R.T.: 4.841 min
Delta R.T.: -0.002 min
Response: 72955006
Conc: 509.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



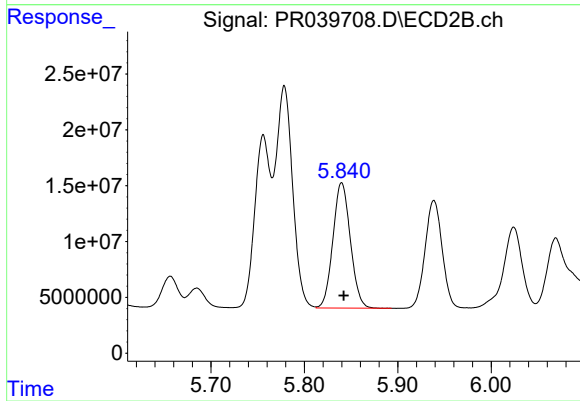
#17 AR-1242-2

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 249695279
Conc: 481.70 ng/ml



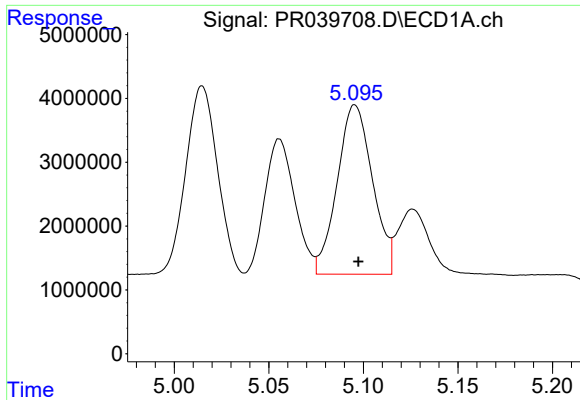
#18 AR-1242-3

R.T.: 5.015 min
Delta R.T.: -0.001 min
Response: 34259848
Conc: 484.74 ng/ml



#18 AR-1242-3

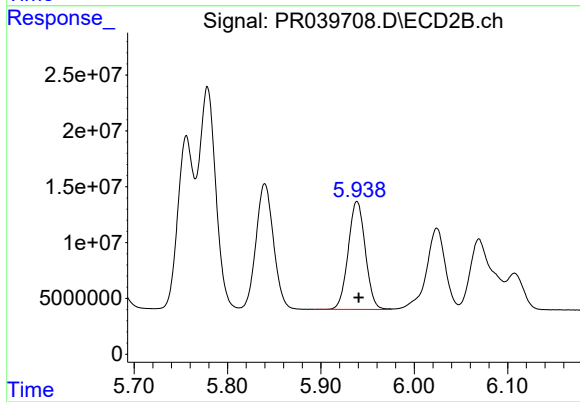
R.T.: 5.840 min
Delta R.T.: -0.002 min
Response: 145841310
Conc: 473.56 ng/ml



#19 AR-1242-4

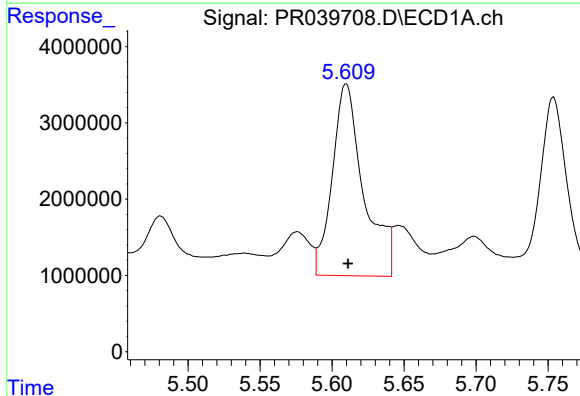
R.T.: 5.096 min
Delta R.T.: -0.002 min
Response: 34476215
Conc: 492.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



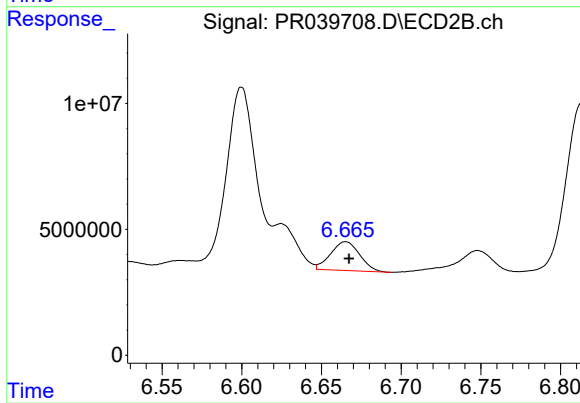
#19 AR-1242-4

R.T.: 5.939 min
Delta R.T.: -0.002 min
Response: 123262814
Conc: 470.77 ng/ml



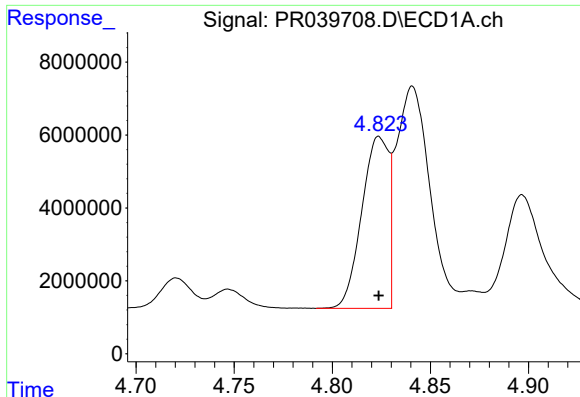
#20 AR-1242-5

R.T.: 5.610 min
Delta R.T.: -0.001 min
Response: 38147835
Conc: 384.05 ng/ml



#20 AR-1242-5

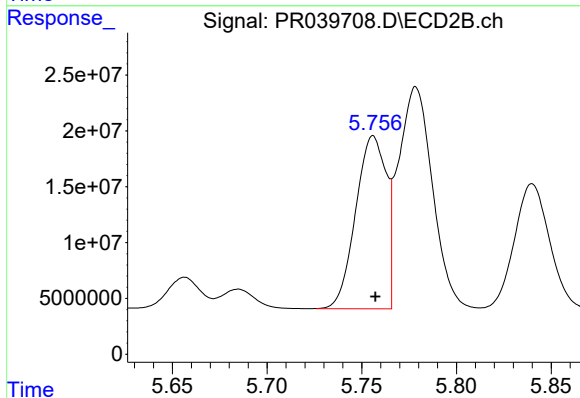
R.T.: 6.665 min
Delta R.T.: -0.002 min
Response: 14468837
Conc: 49.88 ng/ml



#21 AR-1248-1

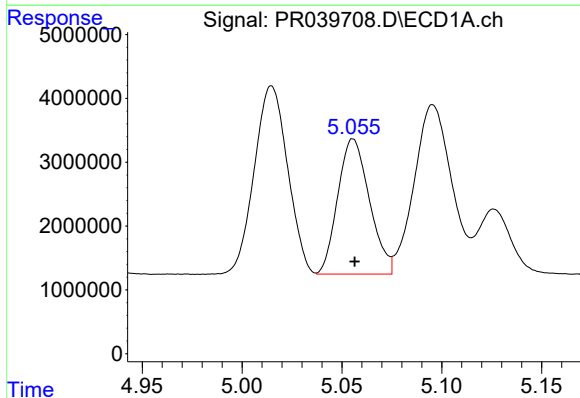
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 44662034
Conc: 617.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



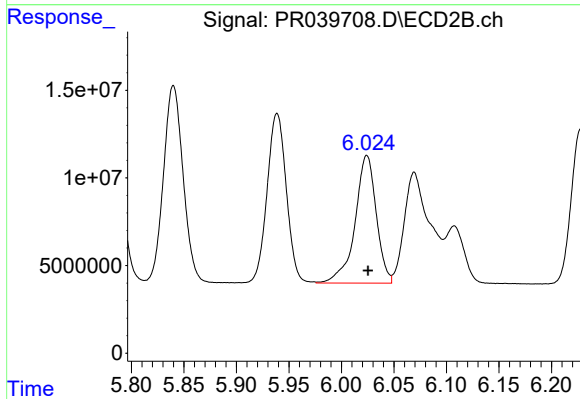
#21 AR-1248-1

R.T.: 5.756 min
Delta R.T.: -0.001 min
Response: 173899939
Conc: 607.52 ng/ml



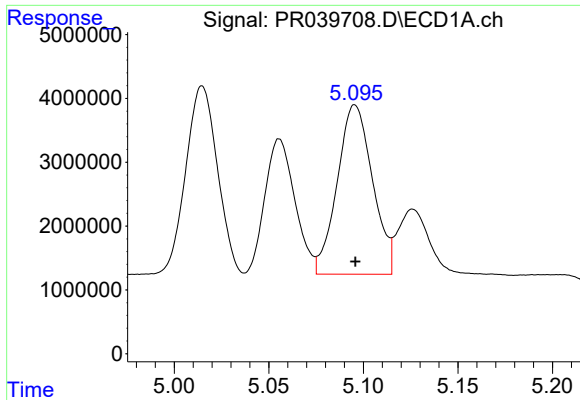
#22 AR-1248-2

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 23411702
Conc: 299.25 ng/ml



#22 AR-1248-2

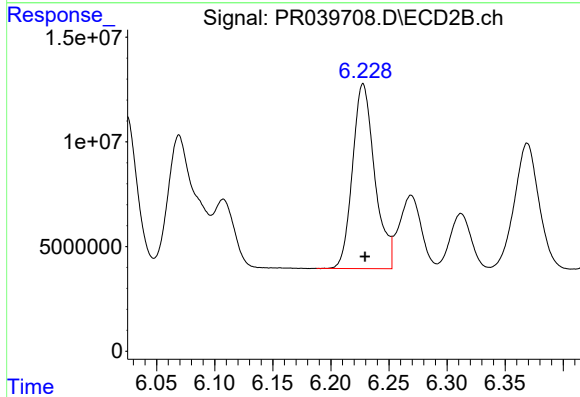
R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 102709962
Conc: 272.81 ng/ml



#23 AR-1248-3

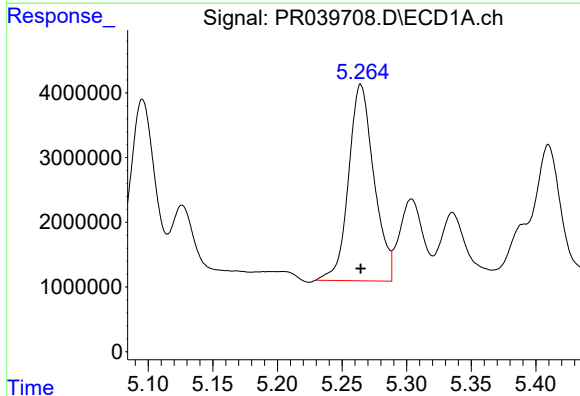
R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 34476215
Conc: 322.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



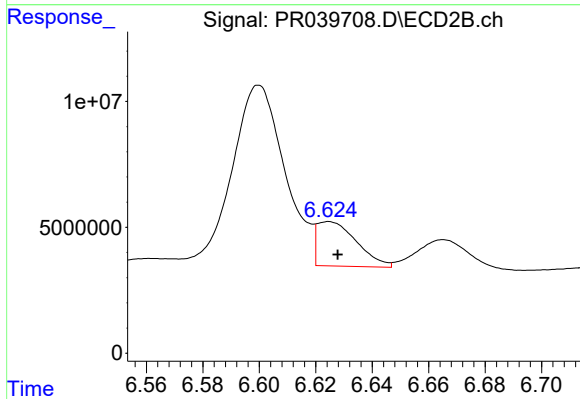
#23 AR-1248-3

R.T.: 6.228 min
Delta R.T.: -0.002 min
Response: 117549073
Conc: 269.69 ng/ml



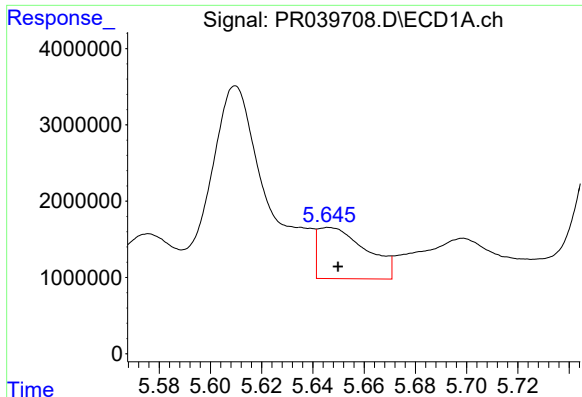
#24 AR-1248-4

R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 41499764
Conc: 313.47 ng/ml



#24 AR-1248-4

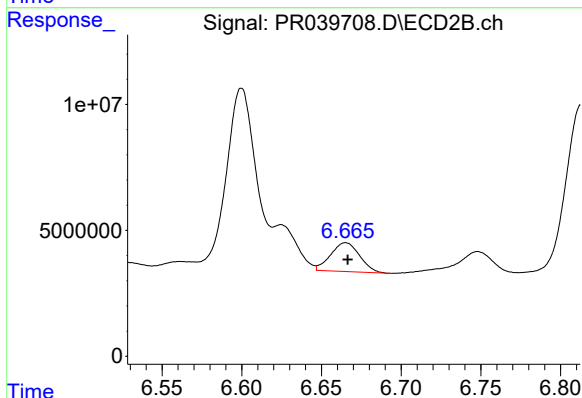
R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 17161053
Conc: 33.04 ng/ml



#25 AR-1248-5

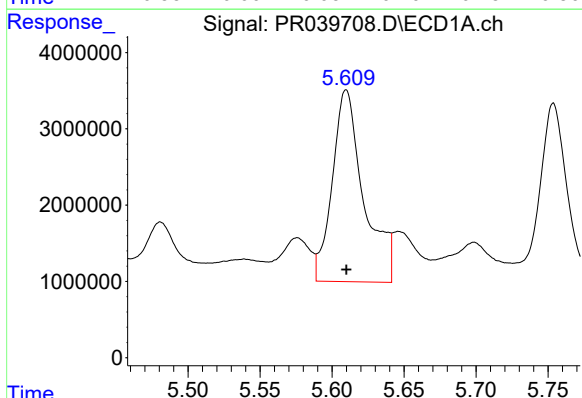
R.T.: 5.646 min
Delta R.T.: -0.004 min
Response: 8758710
Conc: 60.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



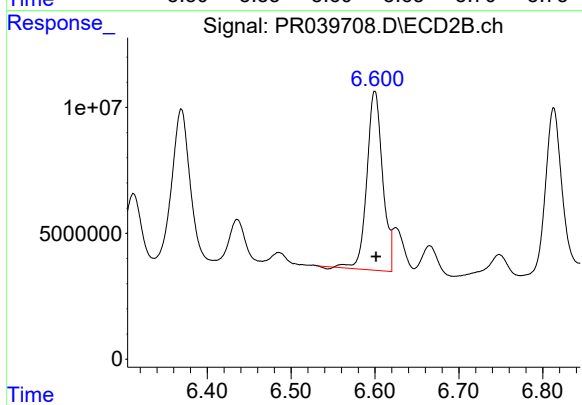
#25 AR-1248-5

R.T.: 6.665 min
Delta R.T.: -0.001 min
Response: 14468837
Conc: 29.35 ng/ml



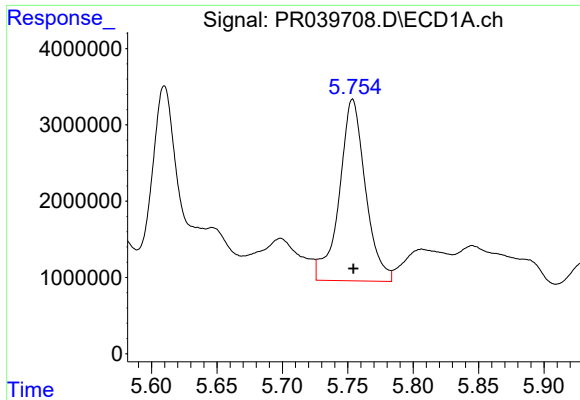
#26 AR-1254-1

R.T.: 5.610 min
Delta R.T.: 0.000 min
Response: 38147835
Conc: 247.34 ng/ml



#26 AR-1254-1

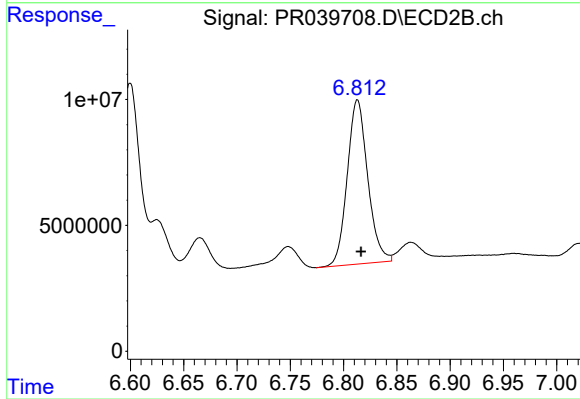
R.T.: 6.600 min
Delta R.T.: -0.002 min
Response: 92898933
Conc: 255.04 ng/ml



#27 AR-1254-2

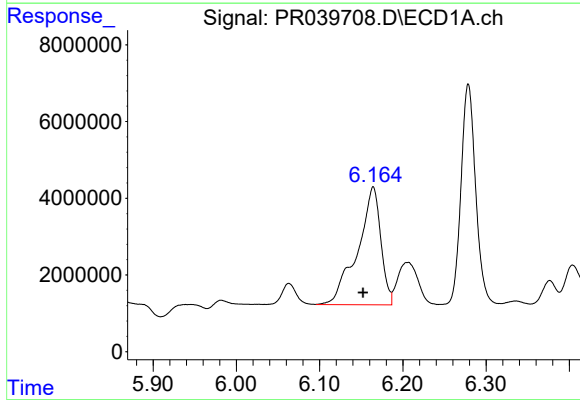
R.T.: 5.754 min
Delta R.T.: 0.000 min
Response: 33055790
Conc: 252.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



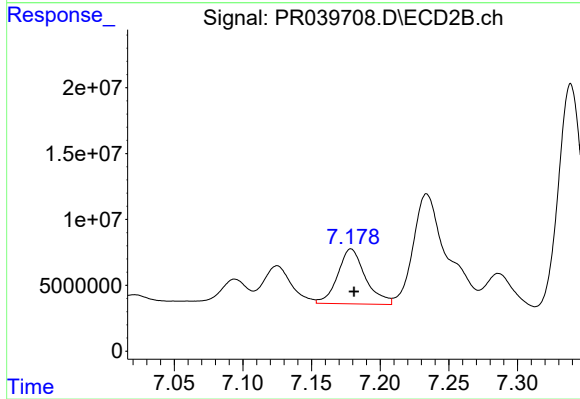
#27 AR-1254-2

R.T.: 6.813 min
Delta R.T.: -0.003 min
Response: 87255627
Conc: 152.76 ng/ml



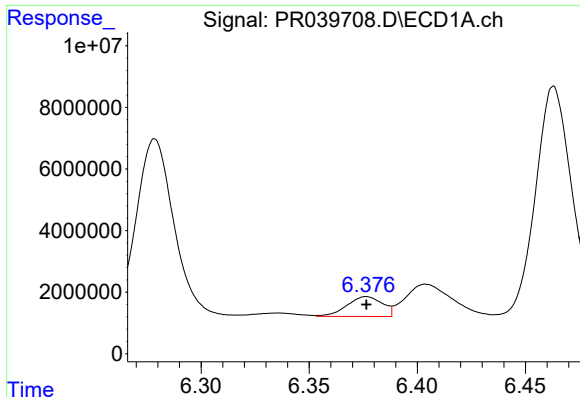
#28 AR-1254-3

R.T.: 6.164 min
Delta R.T.: 0.012 min
Response: 59661792
Conc: 267.03 ng/ml



#28 AR-1254-3

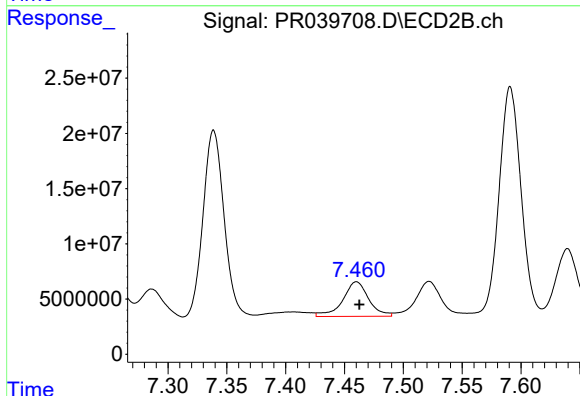
R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 58597036
Conc: 93.98 ng/ml



#29 AR-1254-4

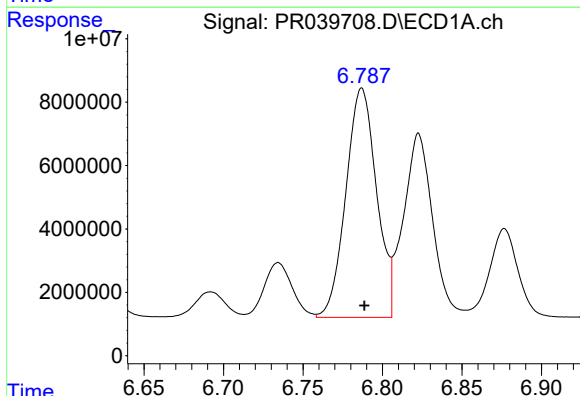
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 7344907
Conc: 50.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



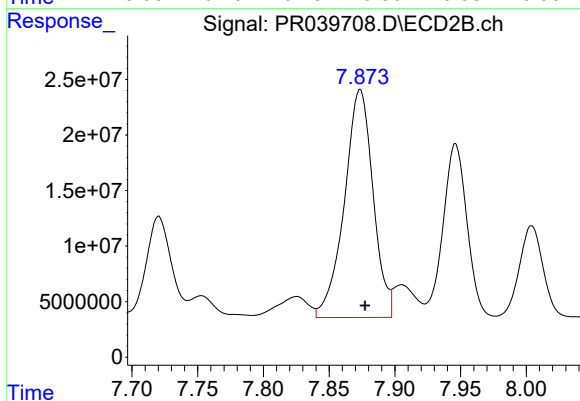
#29 AR-1254-4

R.T.: 7.460 min
Delta R.T.: -0.003 min
Response: 48080062
Conc: 106.16 ng/ml



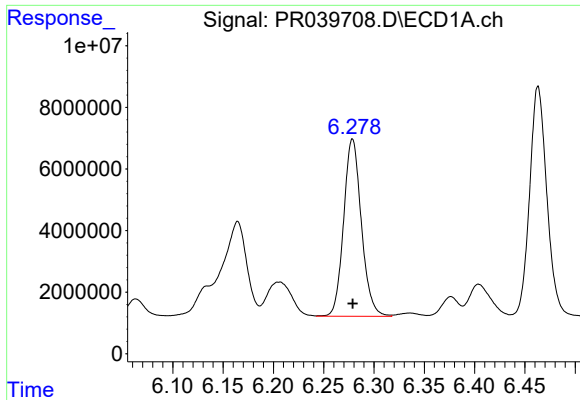
#30 AR-1254-5

R.T.: 6.787 min
Delta R.T.: -0.002 min
Response: 97322768
Conc: 511.11 ng/ml



#30 AR-1254-5

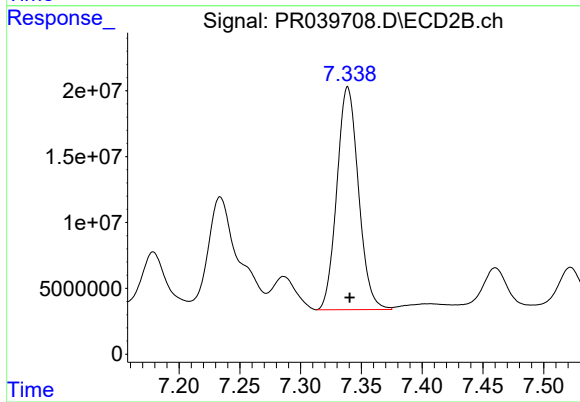
R.T.: 7.874 min
Delta R.T.: -0.004 min
Response: 312153495
Conc: 657.44 ng/ml



#31 AR-1260-1

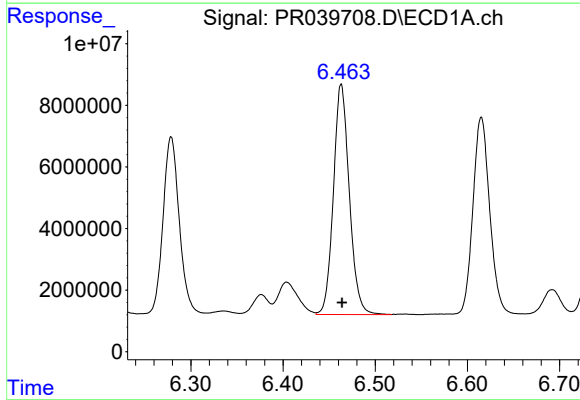
R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 70584647
Conc: 484.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



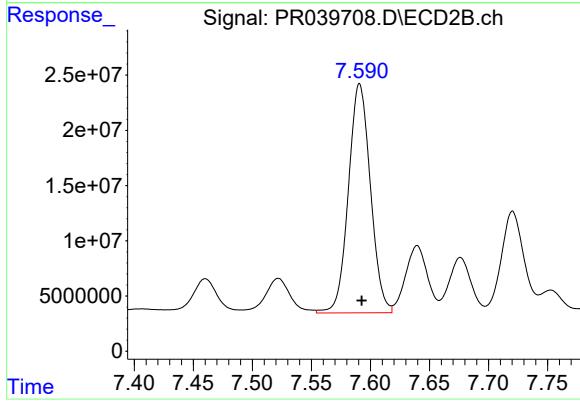
#31 AR-1260-1

R.T.: 7.339 min
Delta R.T.: -0.002 min
Response: 209300065
Conc: 471.69 ng/ml



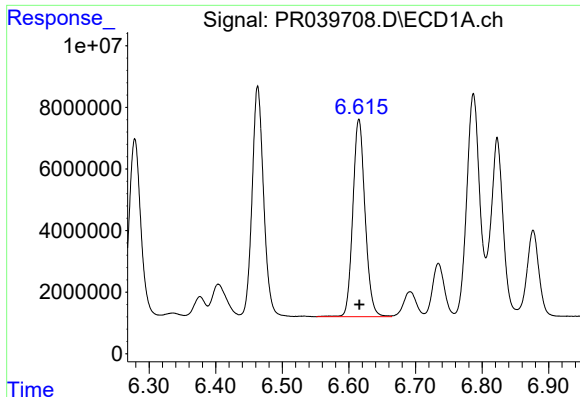
#32 AR-1260-2

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 89666974
Conc: 487.02 ng/ml



#32 AR-1260-2

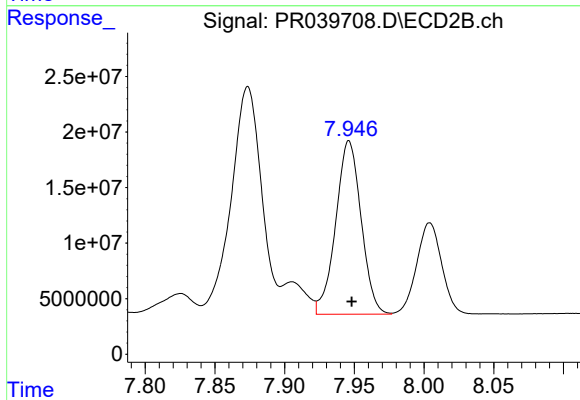
R.T.: 7.591 min
Delta R.T.: -0.002 min
Response: 269594918
Conc: 491.82 ng/ml



#33 AR-1260-3

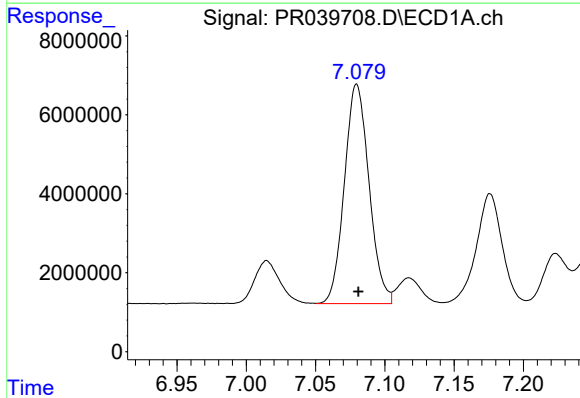
R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 81774948
Conc: 493.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



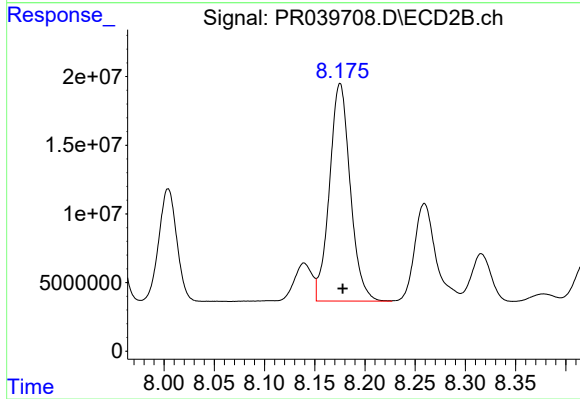
#33 AR-1260-3

R.T.: 7.946 min
Delta R.T.: -0.002 min
Response: 198218230
Conc: 472.80 ng/ml



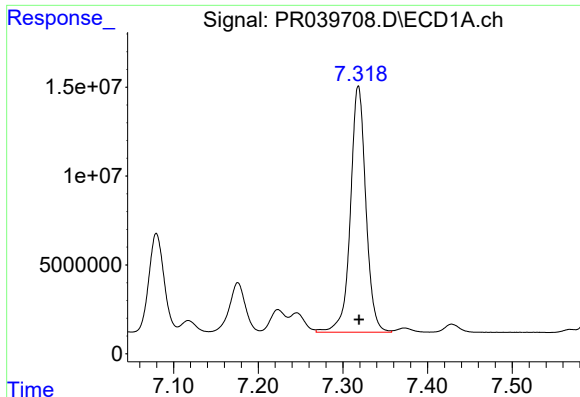
#34 AR-1260-4

R.T.: 7.080 min
Delta R.T.: -0.001 min
Response: 68860592
Conc: 495.38 ng/ml



#34 AR-1260-4

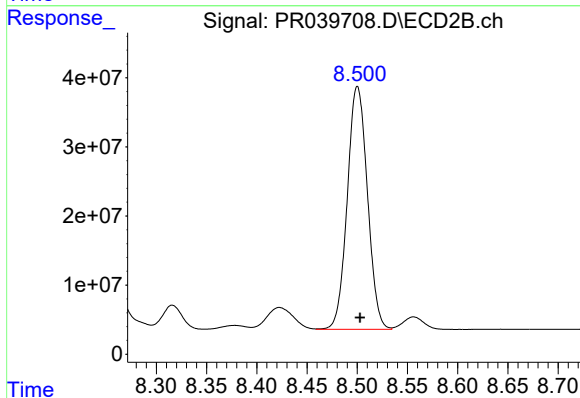
R.T.: 8.175 min
Delta R.T.: -0.003 min
Response: 228134258
Conc: 472.82 ng/ml



#35 AR-1260-5

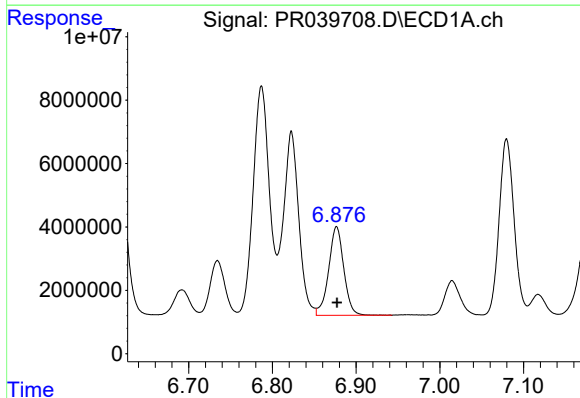
R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 175805255
Conc: 509.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



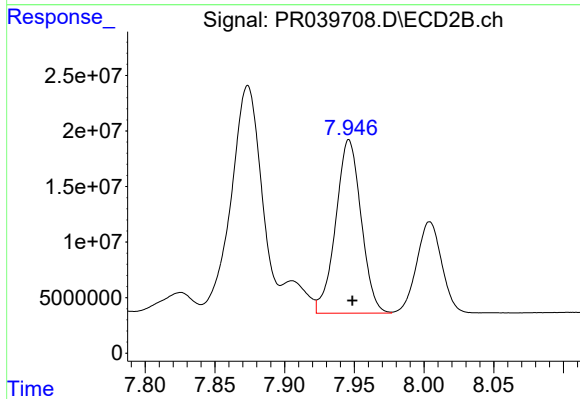
#35 AR-1260-5

R.T.: 8.500 min
Delta R.T.: -0.003 min
Response: 491138163
Conc: 478.84 ng/ml



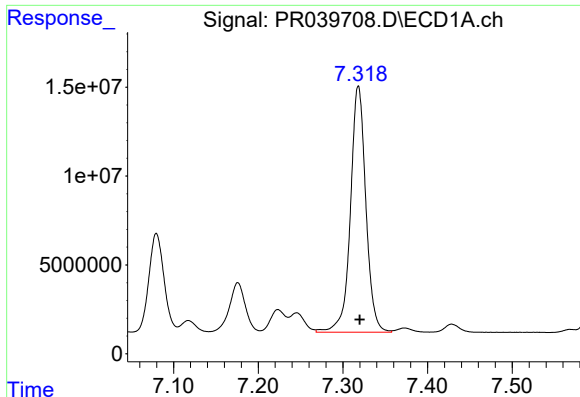
#36 AR-1262-1

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 35159618
Conc: 239.46 ng/ml



#36 AR-1262-1

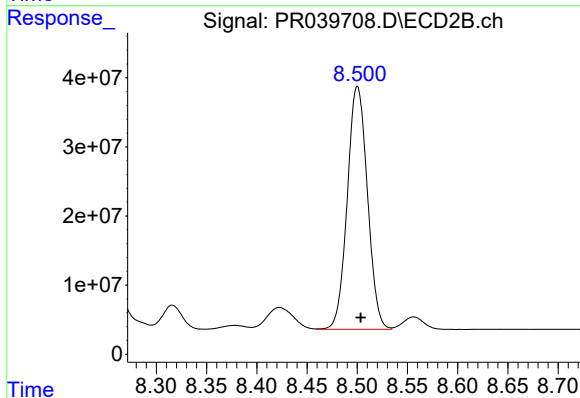
R.T.: 7.946 min
Delta R.T.: -0.002 min
Response: 198218230
Conc: 190.94 ng/ml



#37 AR-1262-2

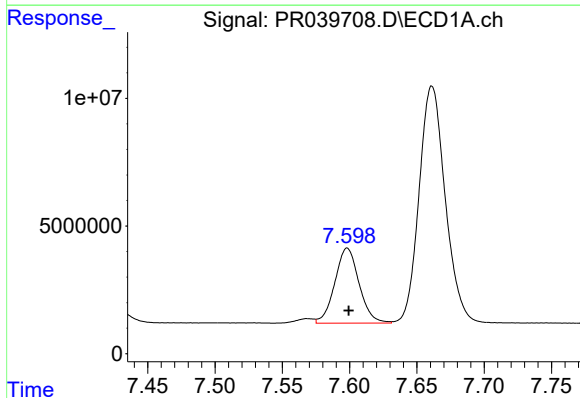
R.T.: 7.318 min
Delta R.T.: -0.001 min
Response: 175805255
Conc: 260.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



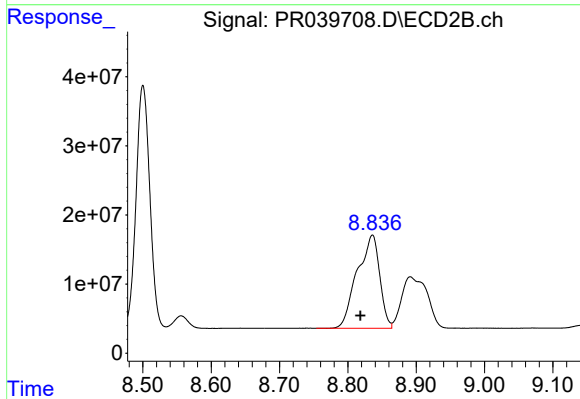
#37 AR-1262-2

R.T.: 8.500 min
Delta R.T.: -0.003 min
Response: 491138163
Conc: 243.81 ng/ml



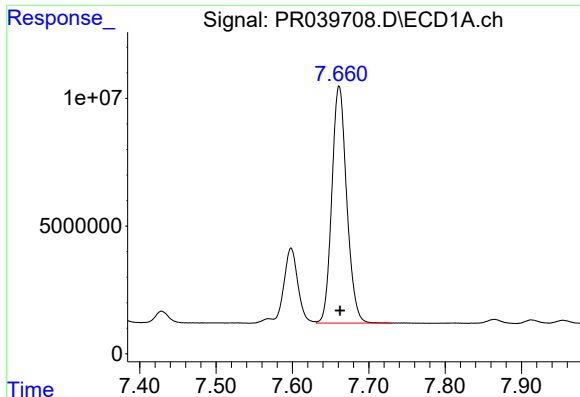
#38 AR-1262-3

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 36922898
Conc: 155.43 ng/ml



#38 AR-1262-3

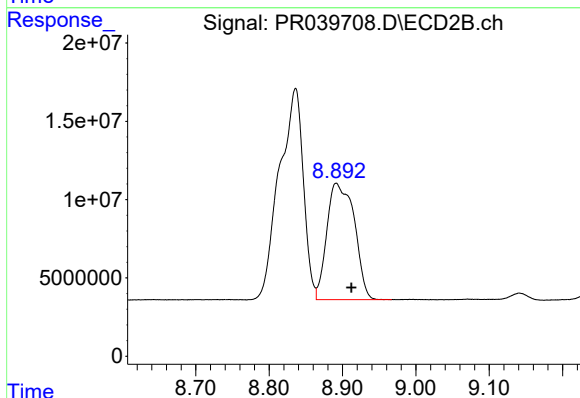
R.T.: 8.836 min
Delta R.T.: 0.017 min
Response: 307463085
Conc: 245.03 ng/ml



#39 AR-1262-4

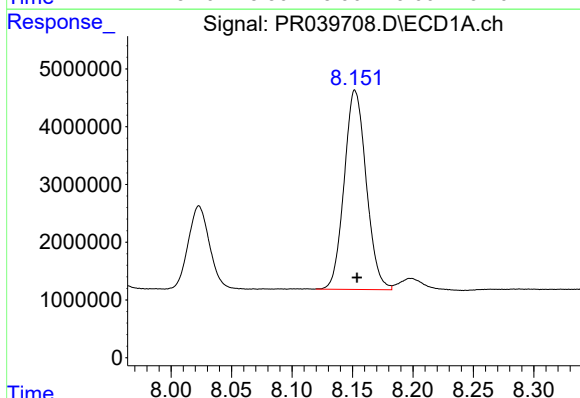
R.T.: 7.661 min
Delta R.T.: -0.001 min
Response: 125805555
Conc: 271.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



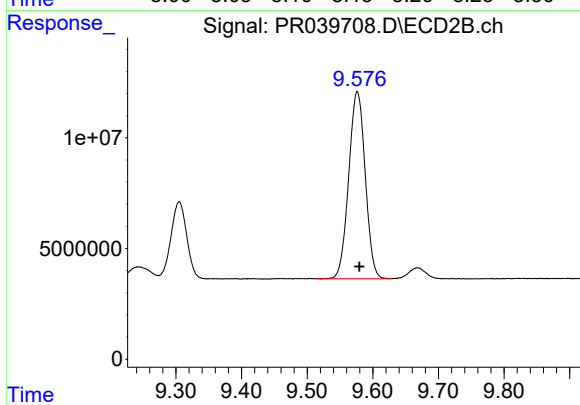
#39 AR-1262-4

R.T.: 8.891 min
Delta R.T.: -0.021 min
Response: 193459405
Conc: 204.97 ng/ml



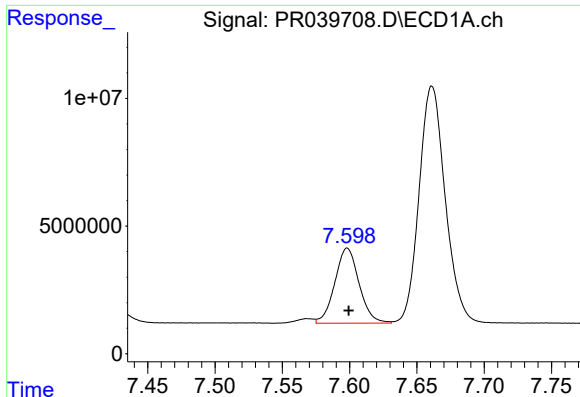
#40 AR-1262-5

R.T.: 8.152 min
Delta R.T.: -0.002 min
Response: 43781458
Conc: 225.16 ng/ml



#40 AR-1262-5

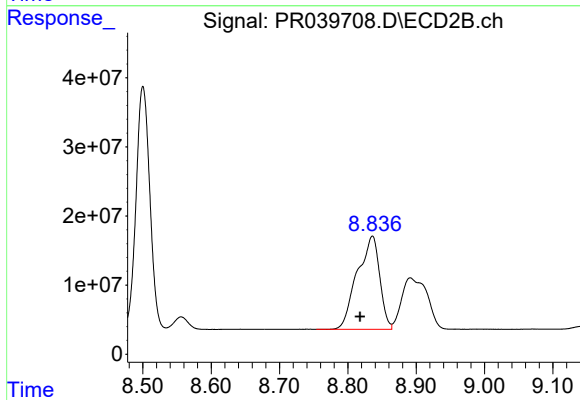
R.T.: 9.576 min
Delta R.T.: -0.003 min
Response: 147636890
Conc: 232.41 ng/ml



#41 AR-1268-1

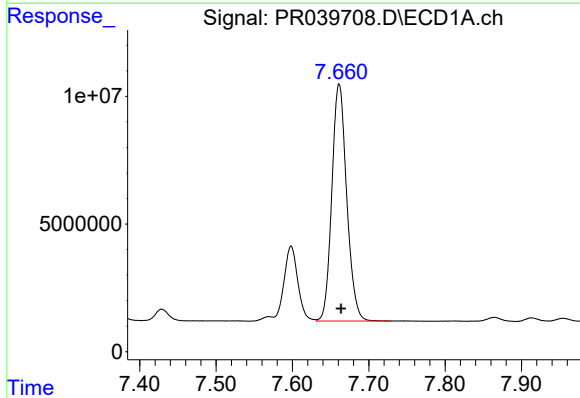
R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 36922898
Conc: 48.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



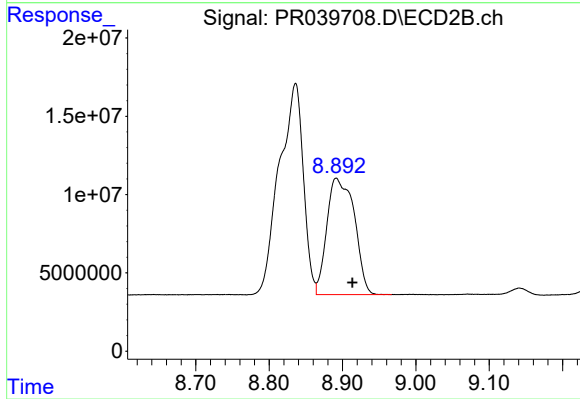
#41 AR-1268-1

R.T.: 8.836 min
Delta R.T.: 0.018 min
Response: 307463085
Conc: 129.57 ng/ml



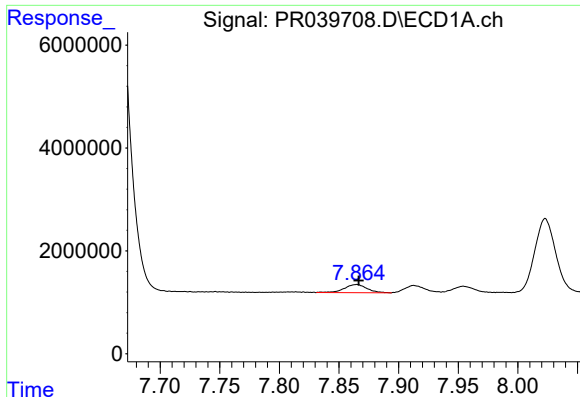
#42 AR-1268-2

R.T.: 7.661 min
Delta R.T.: -0.003 min
Response: 125805555
Conc: 179.19 ng/ml



#42 AR-1268-2

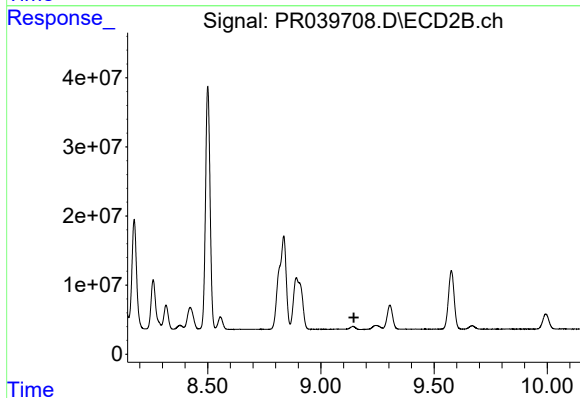
R.T.: 8.891 min
Delta R.T.: -0.022 min
Response: 193459405
Conc: 87.14 ng/ml



#43 AR-1268-3

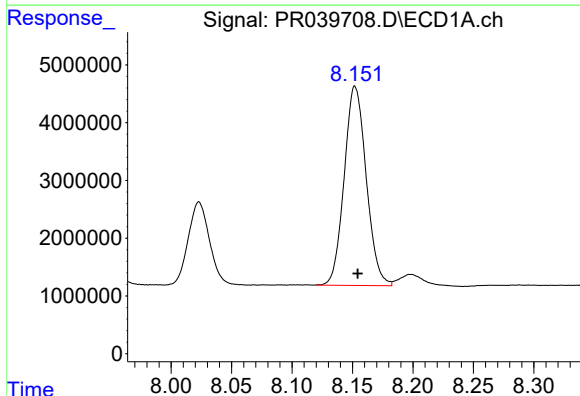
R.T.: 7.865 min
Delta R.T.: -0.002 min
Response: 2123277
Conc: 3.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



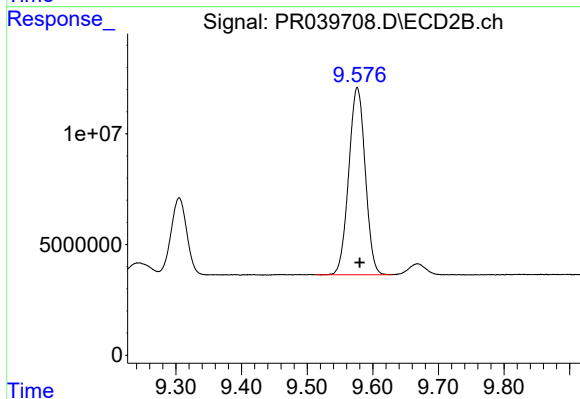
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.146 min
Response: 0
Conc: N.D.



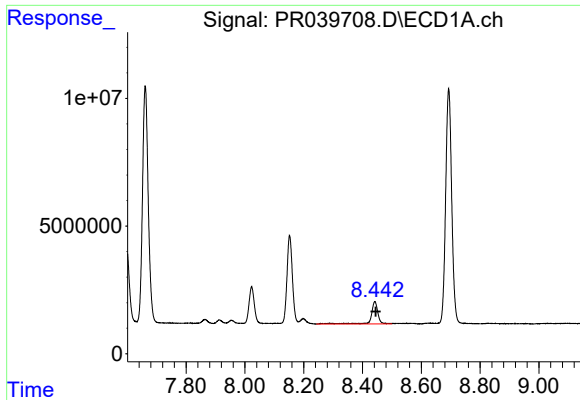
#44 AR-1268-4

R.T.: 8.152 min
Delta R.T.: -0.002 min
Response: 43781458
Conc: 190.03 ng/ml



#44 AR-1268-4

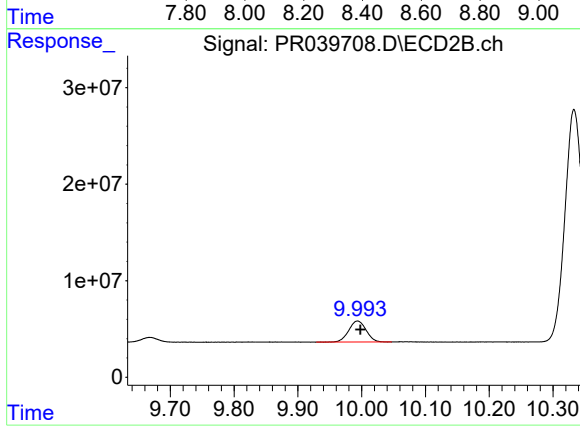
R.T.: 9.576 min
Delta R.T.: -0.004 min
Response: 147636890
Conc: 199.10 ng/ml



#45 AR-1268-5

R.T.: 8.442 min
Delta R.T.: -0.002 min
Response: 14051462
Conc: 8.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 9.994 min
Delta R.T.: -0.004 min
Response: 41249035
Conc: 7.05 ng/ml