

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR060719\
 Data File : PR038577.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2019 23:34
 Operator : SM\MA
 Sample : PB120421BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 01:03:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR060519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 06 01:26:25 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...	3.775	4.622	44799403	149.5E6	21.021	21.131
2)	SA Decachlor...	8.731	10.371	40035346	105.0E6	16.022	17.068
Target Compounds							
3)	L1 AR-1016-1	4.846	5.777	8860534	26919038	107.899	100.441
4)	L1 AR-1016-2	4.864	5.800	13973353	37959321	104.736	99.007
5)	L1 AR-1016-3	5.038	5.861	6712855	22804604	103.729	100.032
6)	L1 AR-1016-4	5.078	5.960	5231736	18852818	100.869	99.941
7)	L1 AR-1016-5	5.288	6.250	6876999	17391098	100.659	93.196
9)	L2 AR-1221-2	4.071	4.914	1336828	4451081	43.410	48.359
10)	L2 AR-1221-3	4.146	4.989	4483561	13453190	45.501	45.045
11)	L3 AR-1232-1	4.146	4.989	4483561	13453190	63.118	63.138
12)	L3 AR-1232-2	4.864	5.513	13973353	18250945	160.761	160.269
13)	L3 AR-1232-3	5.038	5.800	6712855	37959321	161.922	153.186
14)	L3 AR-1232-4	5.119	5.960	6453567	18852818	179.214	155.914
15)	L3 AR-1232-5	5.288	6.045	6876999	16277910	168.932	187.525
16)	L4 AR-1242-1	4.846	5.777	8860534	26919038	83.412	75.984
17)	L4 AR-1242-2	4.864	5.800	13973353	37959321	79.103	74.567
18)	L4 AR-1242-3	5.038	5.861	6712855	22804604	79.154	75.800
19)	L4 AR-1242-4	5.119	5.960	6453567	18852818	79.877	75.026
20)	L4 AR-1242-5	5.635	6.622	4975827	14292594	42.487	49.512
21)	L5 AR-1248-1	4.846	5.777	8860534	26919038	100.956	96.409
22)	L5 AR-1248-2	5.078	6.045	5231736	16277910	44.623	44.591
23)	L5 AR-1248-3	5.119	6.250	6453567	17391098	53.372	40.945
24)	L5 AR-1248-4	5.288	6.622	6876999	14292594	45.592	28.321 #
25)	L5 AR-1248-5	5.635	6.622	4975827	14292594	30.721	29.929
26)	L6 AR-1254-1	5.635	6.622	4975827	14292594	22.516	30.725 #
27)	L6 AR-1254-2	5.779	6.834	5306979	13412616	27.996	20.211 #
28)	L6 AR-1254-3	6.191	7.201	11315578	9742992	35.939	12.865 #
29)	L6 AR-1254-4	6.431	7.482	2746911	4410314	12.769	7.653 #
30)	L6 AR-1254-5	6.814	7.896	19228188	43378989	67.766	71.141
31)	L7 AR-1260-1	6.306	7.361	13982883	31366485	105.776	91.282
32)	L7 AR-1260-2	6.490	7.613	16815077	34997089	98.593	86.352
33)	L7 AR-1260-3	6.643	7.968	15029972	22788452	99.550	74.862
34)	L7 AR-1260-4	7.109	8.198	10596884	28062270	81.982	78.834
35)	L7 AR-1260-5	7.347	8.524	25677199	64292233	75.346	88.458
36)	L8 AR-1262-1	6.904	7.968	6022596	22788452	50.329	32.218 #
37)	L8 AR-1262-2	7.347	8.524	25677199	64292233	39.805	45.392
38)	L8 AR-1262-3	7.627	8.860	5271834	32332575	19.335	35.702 #
39)	L8 AR-1262-4	7.690	8.916	17959661	15288254	36.694	22.591 #
40)	L8 AR-1262-5	8.182	9.605	5259119	15459192	23.875	31.432 #
41)	L9 AR-1268-1	7.627	8.860	5271834	32332575	10.180	29.602 #
42)	L9 AR-1268-2	7.690	8.916	17959661	15288254	38.377	15.201 #

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Integration File signal 1: autoint1.e
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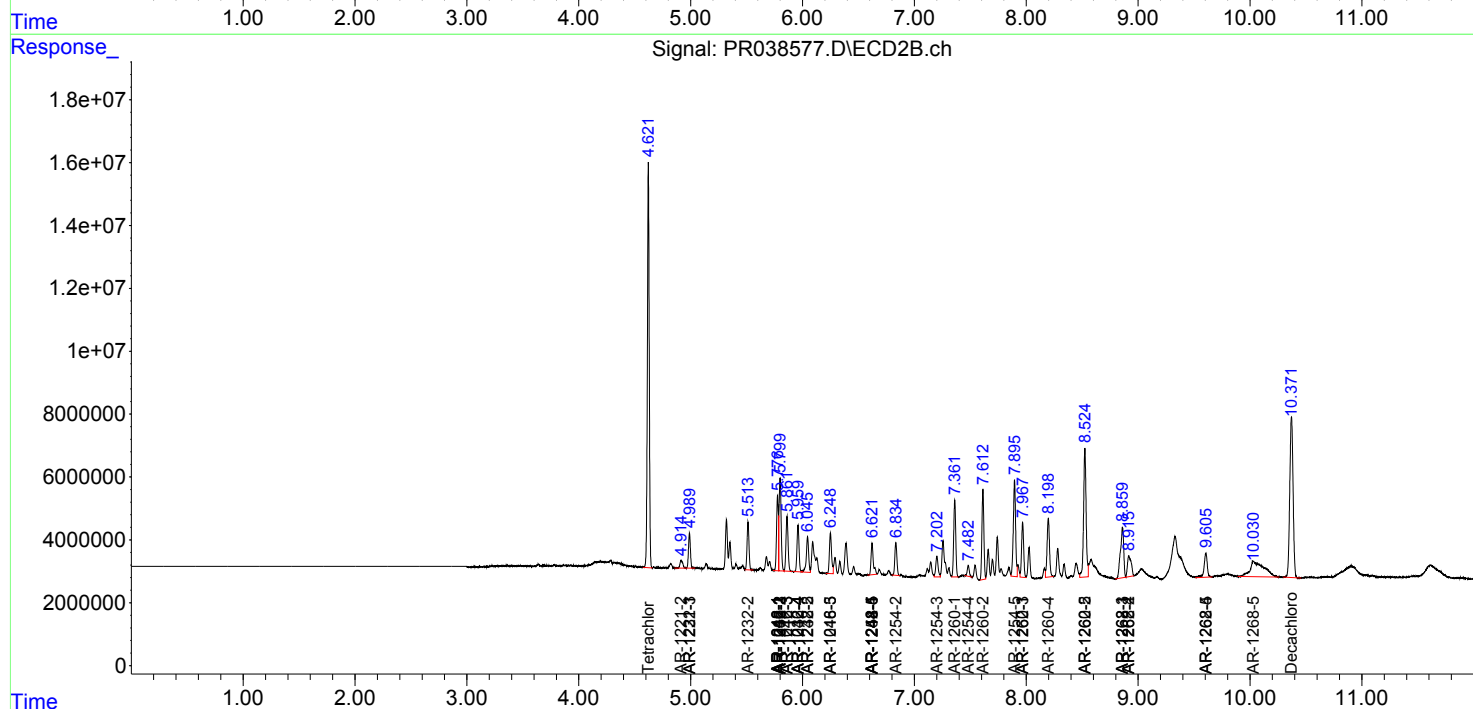
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

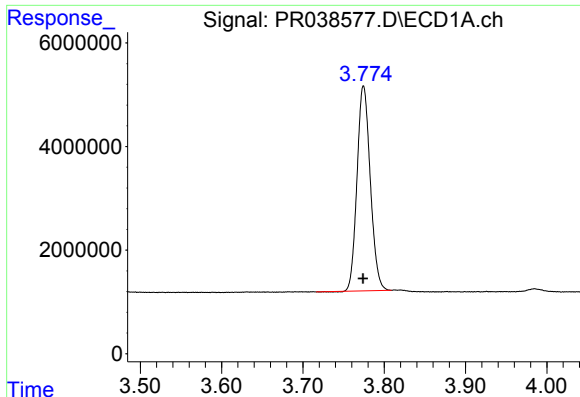
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	8.182	9.605	5259119	15459192	32.520	43.339 #
45) L9	AR-1268-5	8.474	10.029	2110917	43027705	1.733	15.800 #

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

Instrument :
ECD_R
ClientSampleId :

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

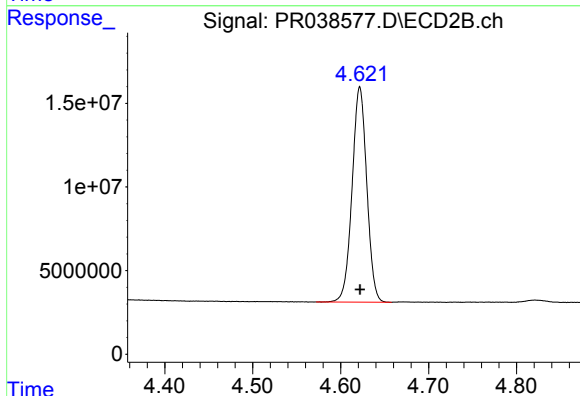




#1 Tetrachloro-m-xylene

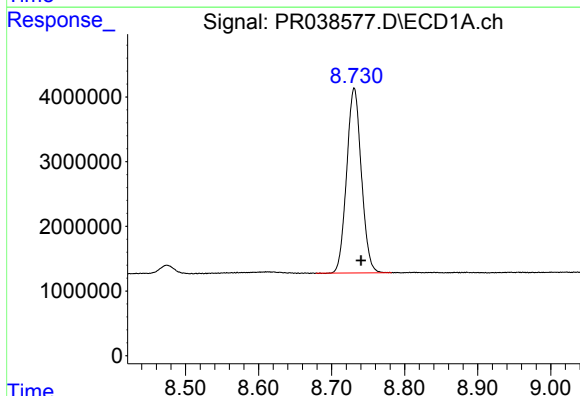
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 44799403
Conc: 21.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



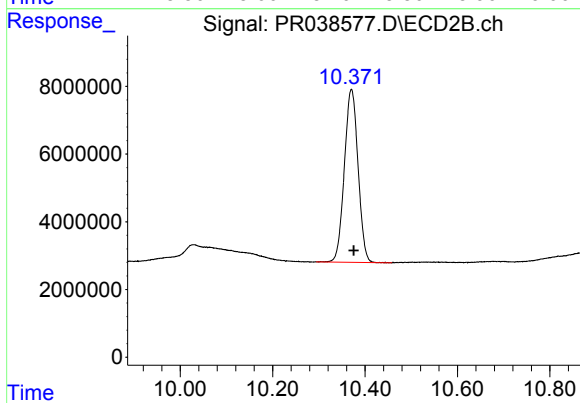
#1 Tetrachloro-m-xylene

R.T.: 4.622 min
Delta R.T.: 0.000 min
Response: 149487441
Conc: 21.13 ng/ml



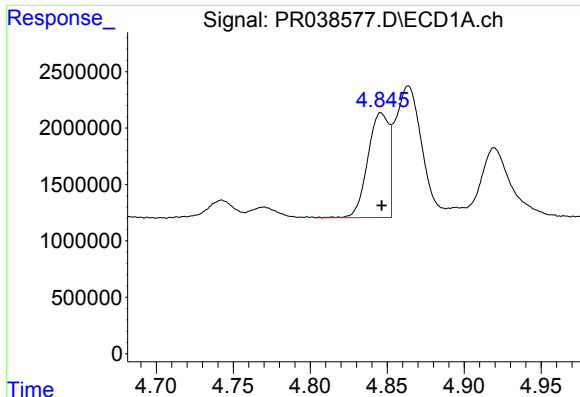
#2 Decachlorobiphenyl

R.T.: 8.731 min
Delta R.T.: -0.009 min
Response: 40035346
Conc: 16.02 ng/ml



#2 Decachlorobiphenyl

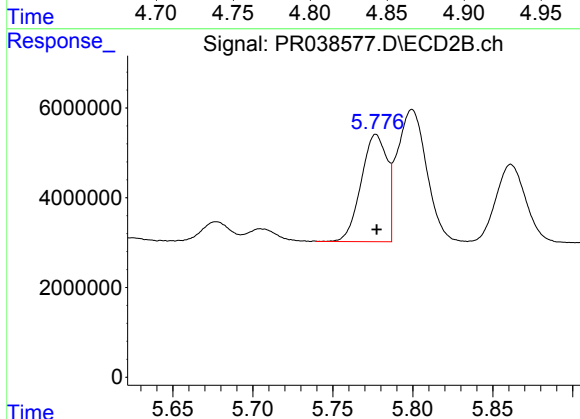
R.T.: 10.371 min
Delta R.T.: -0.005 min
Response: 105034033
Conc: 17.07 ng/ml



#3 AR-1016-1

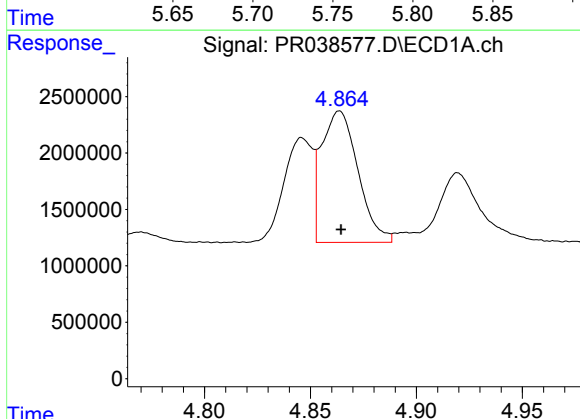
R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 8860534
Conc: 107.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



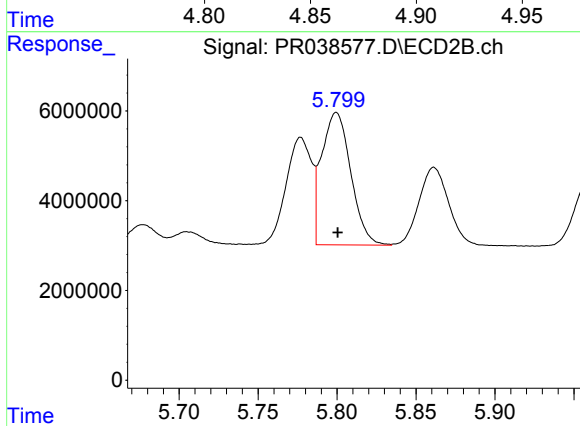
#3 AR-1016-1

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 26919038
Conc: 100.44 ng/ml



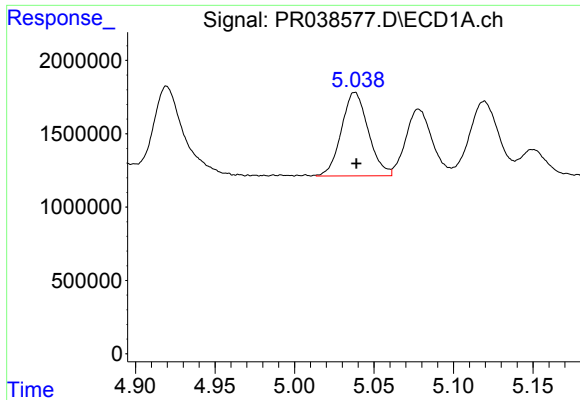
#4 AR-1016-2

R.T.: 4.864 min
Delta R.T.: 0.000 min
Response: 13973353
Conc: 104.74 ng/ml



#4 AR-1016-2

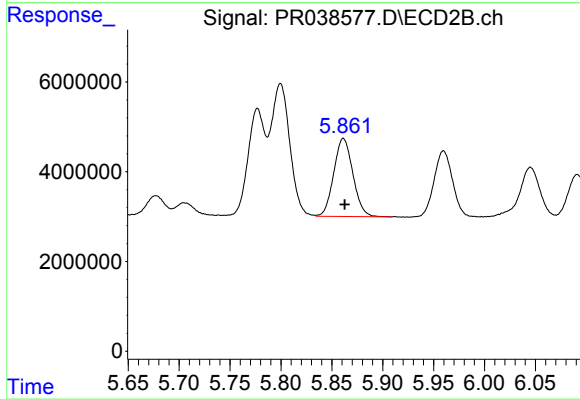
R.T.: 5.800 min
Delta R.T.: 0.000 min
Response: 37959321
Conc: 99.01 ng/ml



#5 AR-1016-3

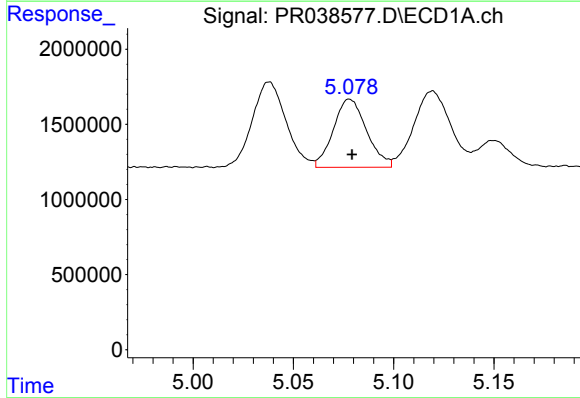
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 6712855
Conc: 103.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



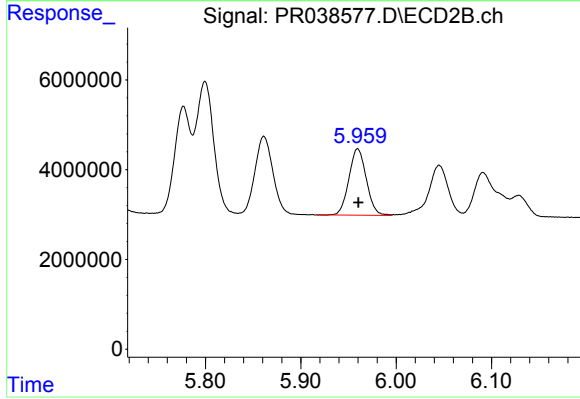
#5 AR-1016-3

R.T.: 5.861 min
Delta R.T.: -0.001 min
Response: 22804604
Conc: 100.03 ng/ml



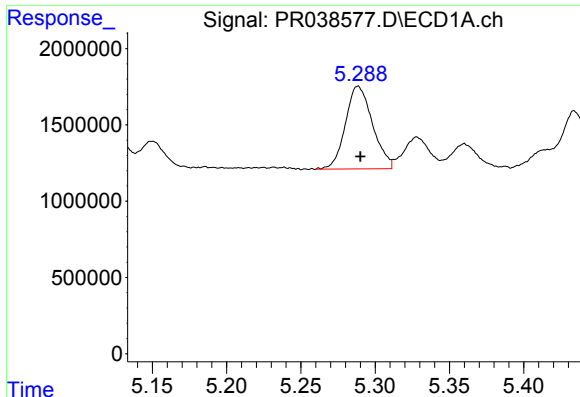
#6 AR-1016-4

R.T.: 5.078 min
Delta R.T.: -0.001 min
Response: 5231736
Conc: 100.87 ng/ml



#6 AR-1016-4

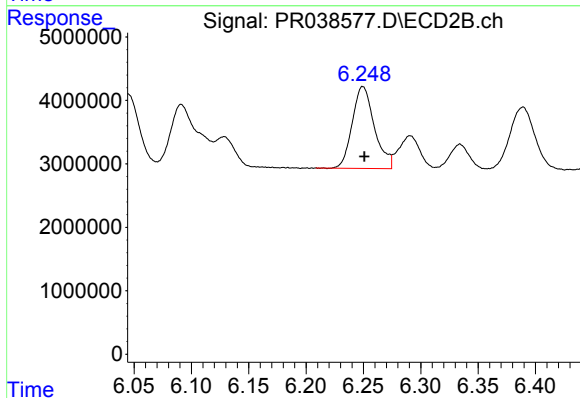
R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 18852818
Conc: 99.94 ng/ml



#7 AR-1016-5

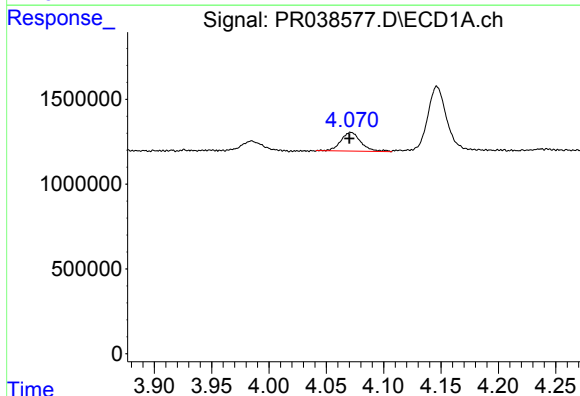
R.T.: 5.288 min
Delta R.T.: -0.002 min
Response: 6876999
Conc: 100.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



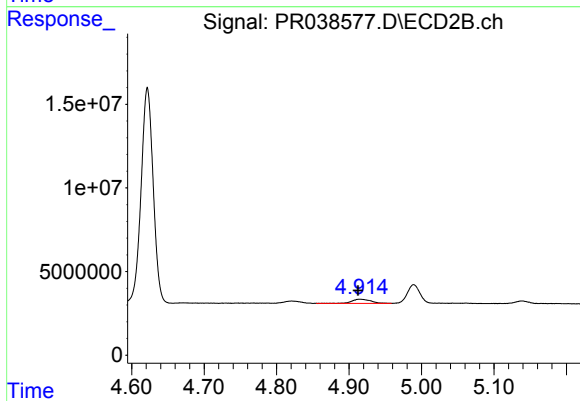
#7 AR-1016-5

R.T.: 6.250 min
Delta R.T.: -0.001 min
Response: 17391098
Conc: 93.20 ng/ml



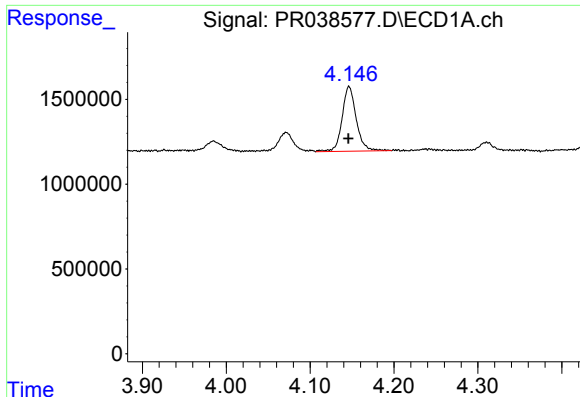
#9 AR-1221-2

R.T.: 4.071 min
Delta R.T.: 0.001 min
Response: 1336828
Conc: 43.41 ng/ml



#9 AR-1221-2

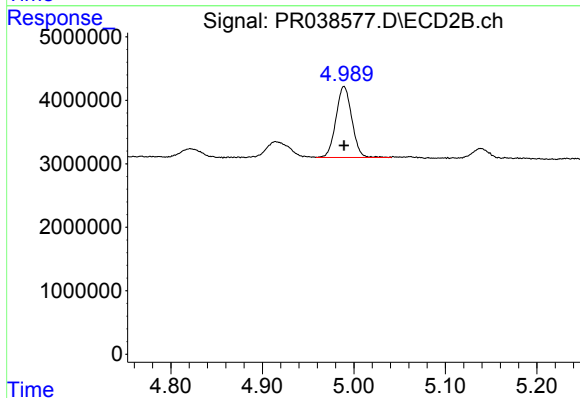
R.T.: 4.914 min
Delta R.T.: 0.002 min
Response: 4451081
Conc: 48.36 ng/ml



#10 AR-1221-3

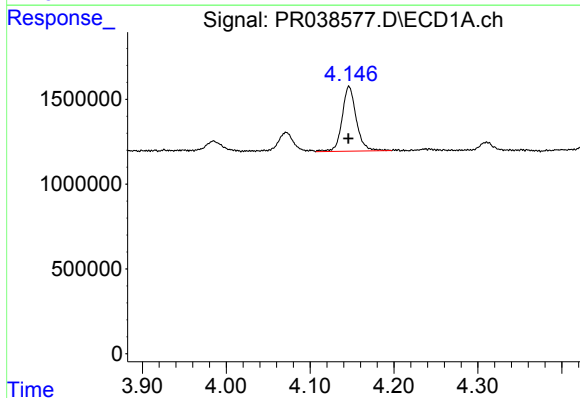
R.T.: 4.146 min
Delta R.T.: 0.000 min
Response: 4483561
Conc: 45.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



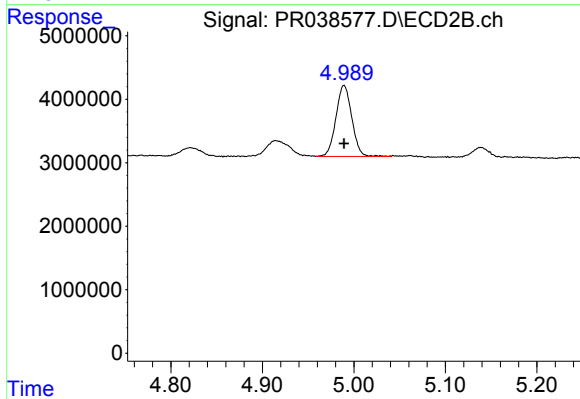
#10 AR-1221-3

R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 13453190
Conc: 45.05 ng/ml



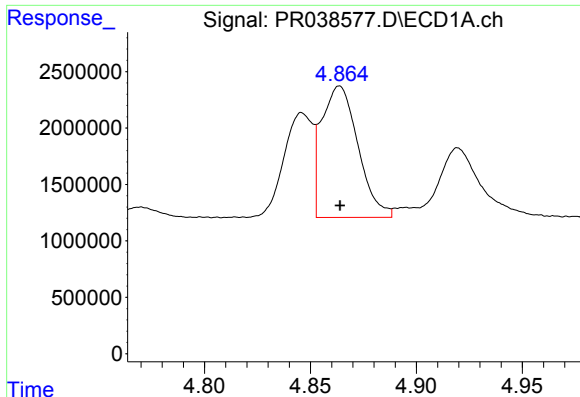
#11 AR-1232-1

R.T.: 4.146 min
Delta R.T.: 0.000 min
Response: 4483561
Conc: 63.12 ng/ml



#11 AR-1232-1

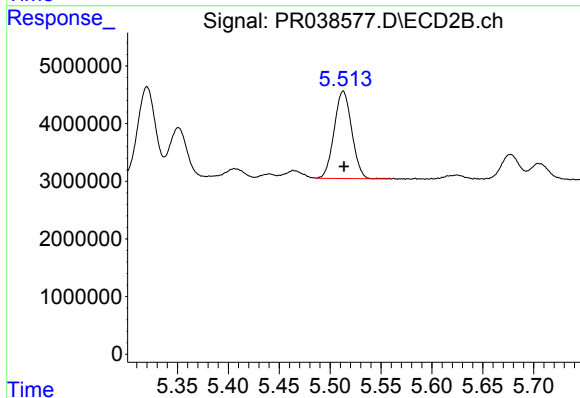
R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 13453190
Conc: 63.14 ng/ml



#12 AR-1232-2

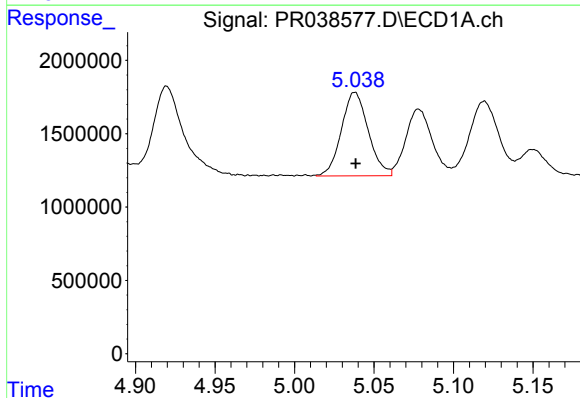
R.T.: 4.864 min
Delta R.T.: 0.000 min
Response: 13973353
Conc: 160.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



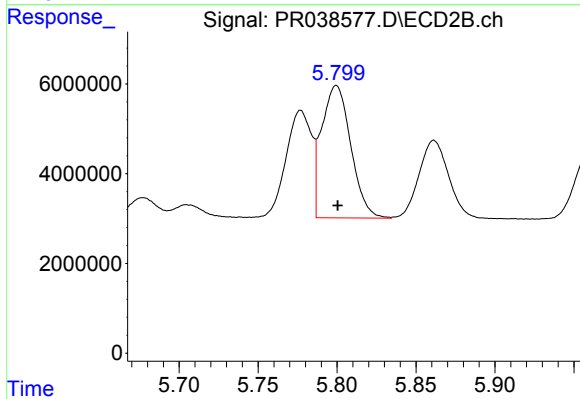
#12 AR-1232-2

R.T.: 5.513 min
Delta R.T.: 0.000 min
Response: 18250945
Conc: 160.27 ng/ml



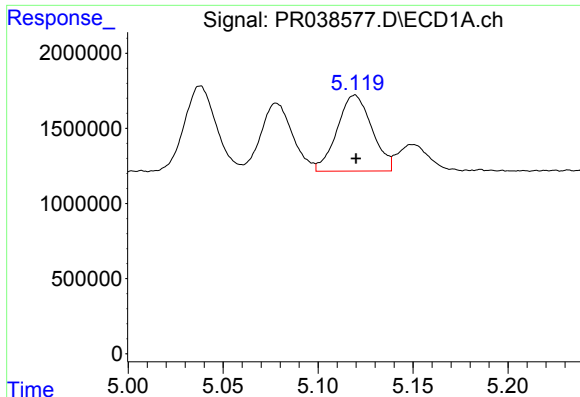
#13 AR-1232-3

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 6712855
Conc: 161.92 ng/ml



#13 AR-1232-3

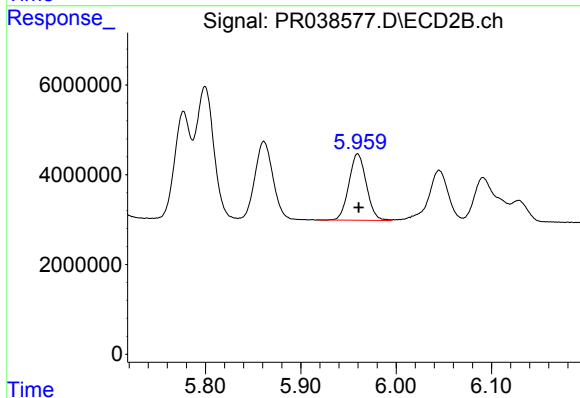
R.T.: 5.800 min
Delta R.T.: 0.000 min
Response: 37959321
Conc: 153.19 ng/ml



#14 AR-1232-4

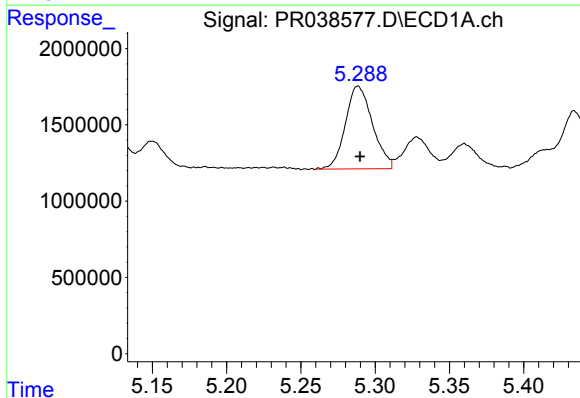
R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 6453567
Conc: 179.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



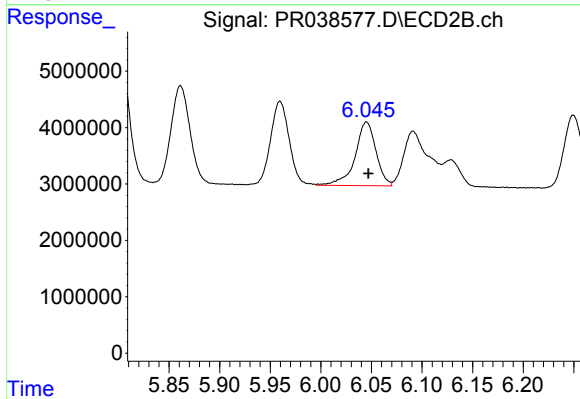
#14 AR-1232-4

R.T.: 5.960 min
Delta R.T.: -0.001 min
Response: 18852818
Conc: 155.91 ng/ml



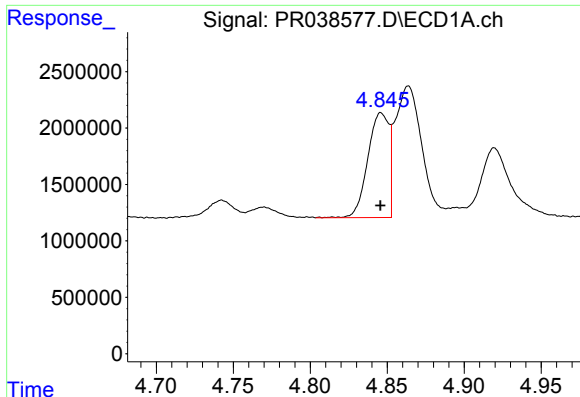
#15 AR-1232-5

R.T.: 5.288 min
Delta R.T.: -0.001 min
Response: 6876999
Conc: 168.93 ng/ml



#15 AR-1232-5

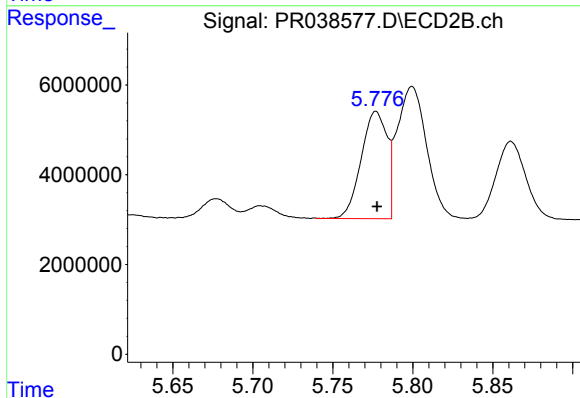
R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 16277910
Conc: 187.53 ng/ml



#16 AR-1242-1

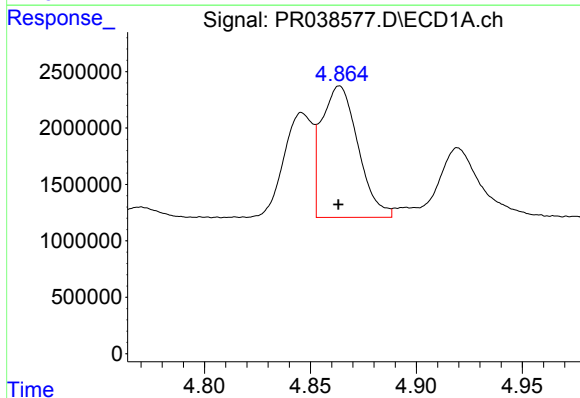
R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 8860534
Conc: 83.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



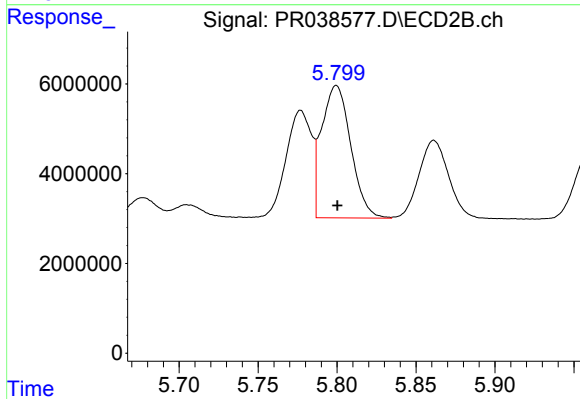
#16 AR-1242-1

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 26919038
Conc: 75.98 ng/ml



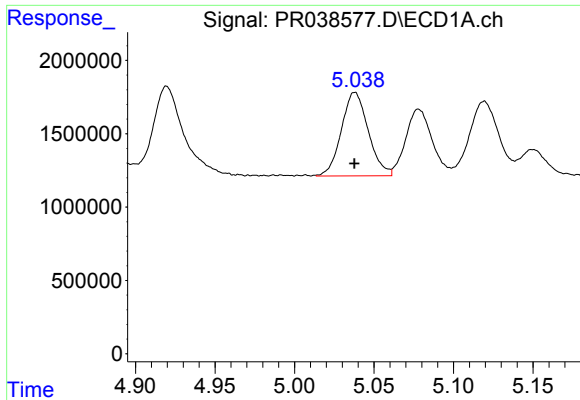
#17 AR-1242-2

R.T.: 4.864 min
Delta R.T.: 0.000 min
Response: 13973353
Conc: 79.10 ng/ml



#17 AR-1242-2

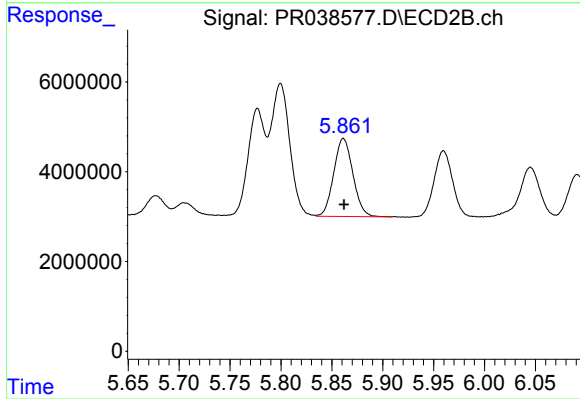
R.T.: 5.800 min
Delta R.T.: 0.000 min
Response: 37959321
Conc: 74.57 ng/ml



#18 AR-1242-3

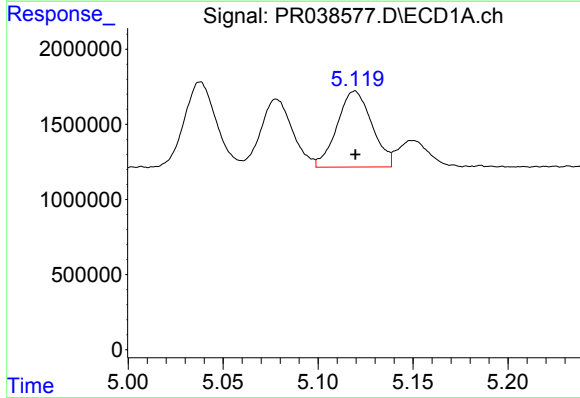
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 6712855
Conc: 79.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



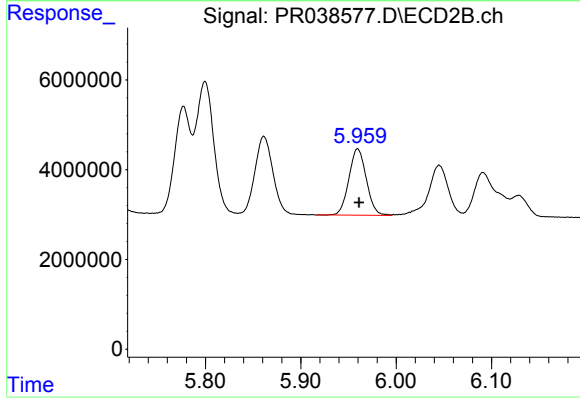
#18 AR-1242-3

R.T.: 5.861 min
Delta R.T.: 0.000 min
Response: 22804604
Conc: 75.80 ng/ml



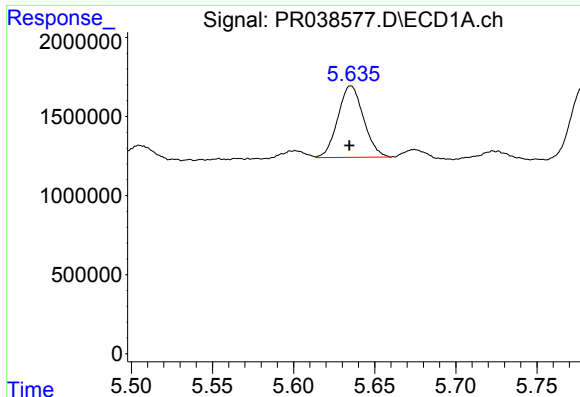
#19 AR-1242-4

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 6453567
Conc: 79.88 ng/ml



#19 AR-1242-4

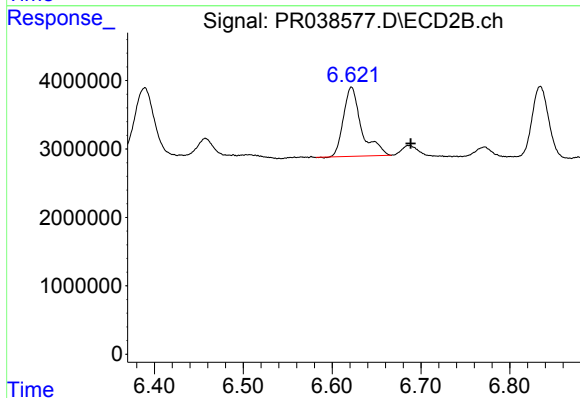
R.T.: 5.960 min
Delta R.T.: -0.001 min
Response: 18852818
Conc: 75.03 ng/ml



#20 AR-1242-5

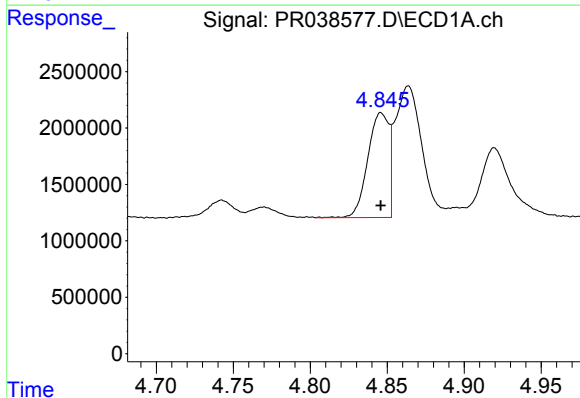
R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 4975827
Conc: 42.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



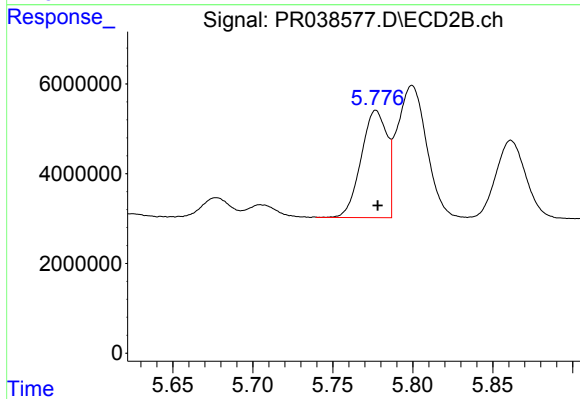
#20 AR-1242-5

R.T.: 6.622 min
Delta R.T.: -0.067 min
Response: 14292594
Conc: 49.51 ng/ml



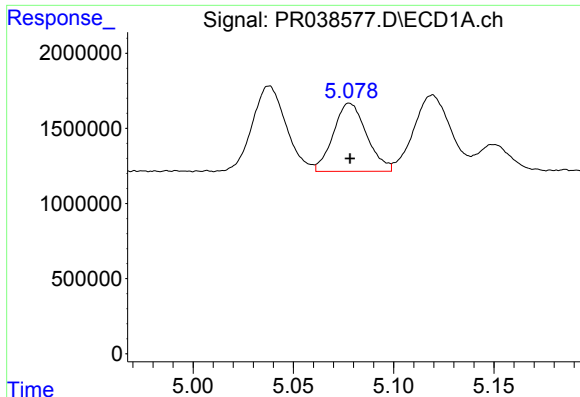
#21 AR-1248-1

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 8860534
Conc: 100.96 ng/ml



#21 AR-1248-1

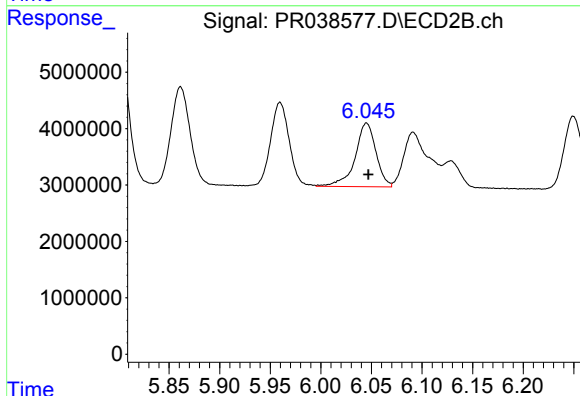
R.T.: 5.777 min
Delta R.T.: -0.001 min
Response: 26919038
Conc: 96.41 ng/ml



#22 AR-1248-2

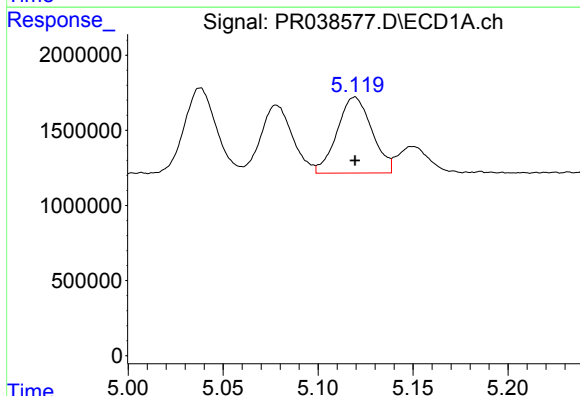
R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 5231736
Conc: 44.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



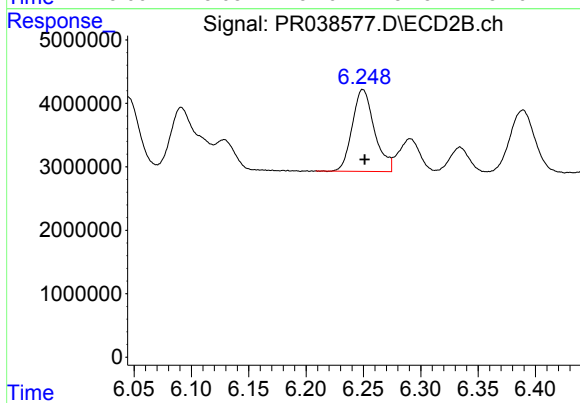
#22 AR-1248-2

R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 16277910
Conc: 44.59 ng/ml



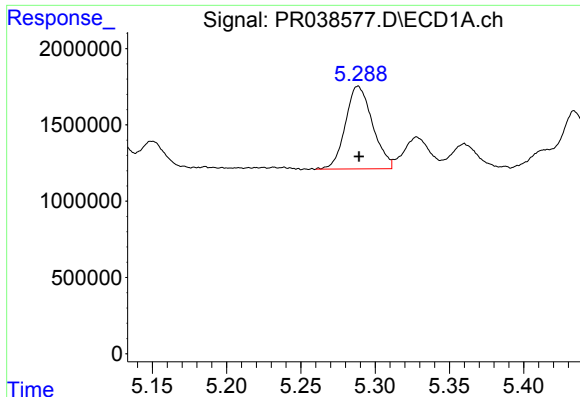
#23 AR-1248-3

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 6453567
Conc: 53.37 ng/ml



#23 AR-1248-3

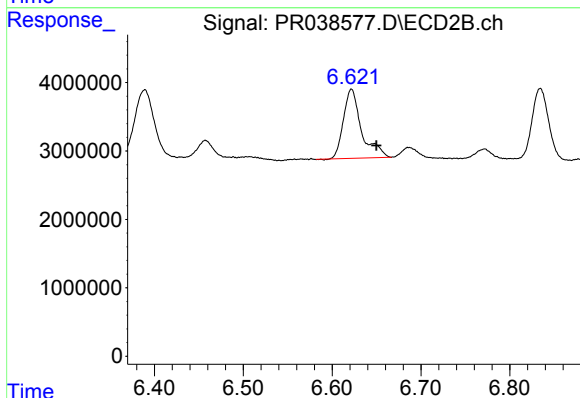
R.T.: 6.250 min
Delta R.T.: -0.002 min
Response: 17391098
Conc: 40.95 ng/ml



#24 AR-1248-4

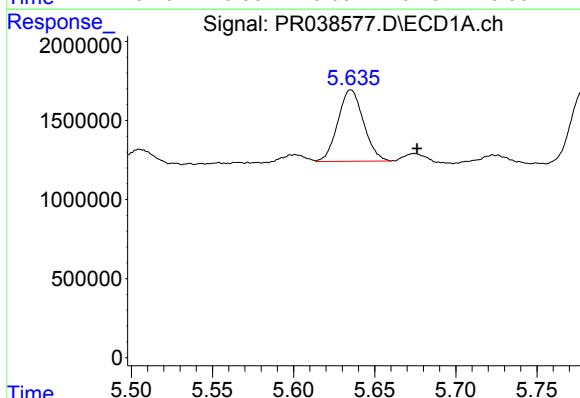
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 6876999
Conc: 45.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



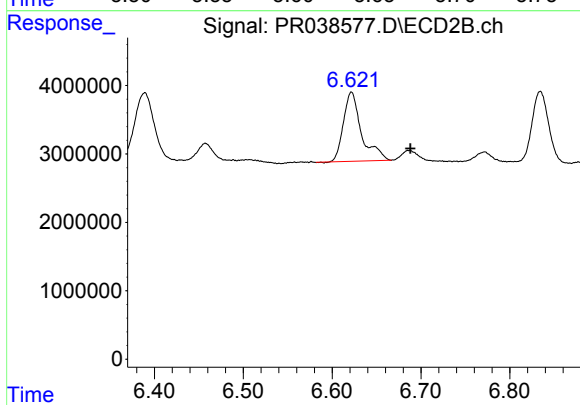
#24 AR-1248-4

R.T.: 6.622 min
Delta R.T.: -0.028 min
Response: 14292594
Conc: 28.32 ng/ml



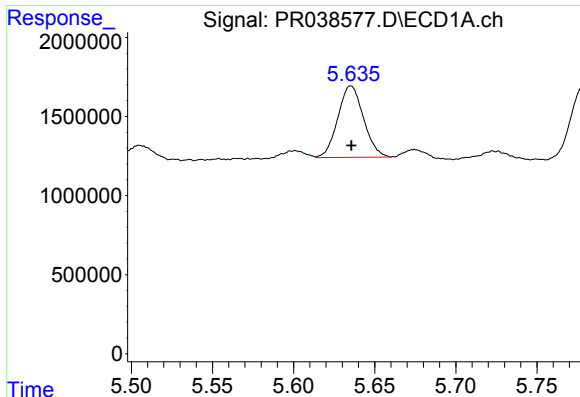
#25 AR-1248-5

R.T.: 5.635 min
Delta R.T.: -0.041 min
Response: 4975827
Conc: 30.72 ng/ml



#25 AR-1248-5

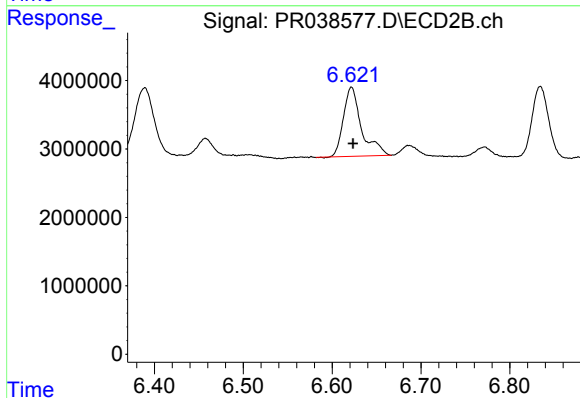
R.T.: 6.622 min
Delta R.T.: -0.066 min
Response: 14292594
Conc: 29.93 ng/ml



#26 AR-1254-1

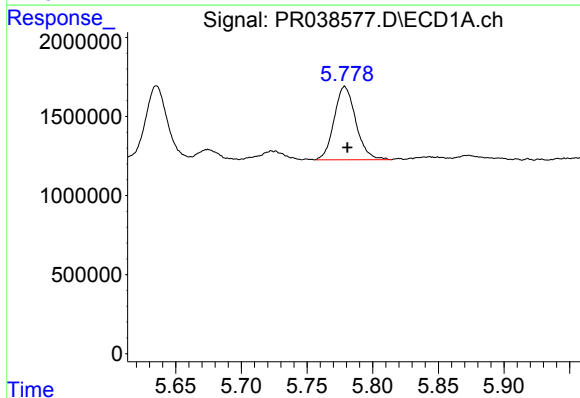
R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 4975827
Conc: 22.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



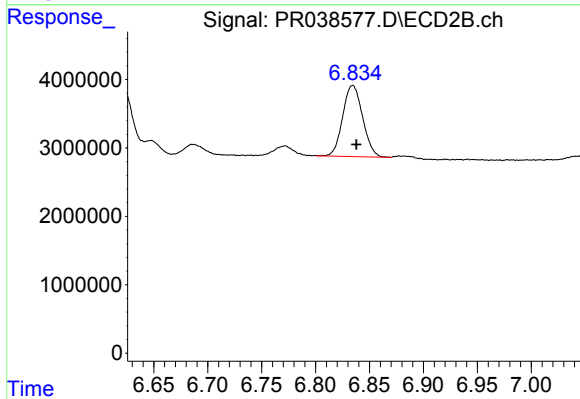
#26 AR-1254-1

R.T.: 6.622 min
Delta R.T.: -0.002 min
Response: 14292594
Conc: 30.73 ng/ml



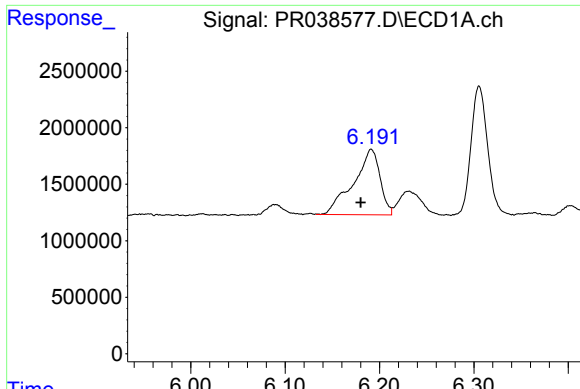
#27 AR-1254-2

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 5306979
Conc: 28.00 ng/ml



#27 AR-1254-2

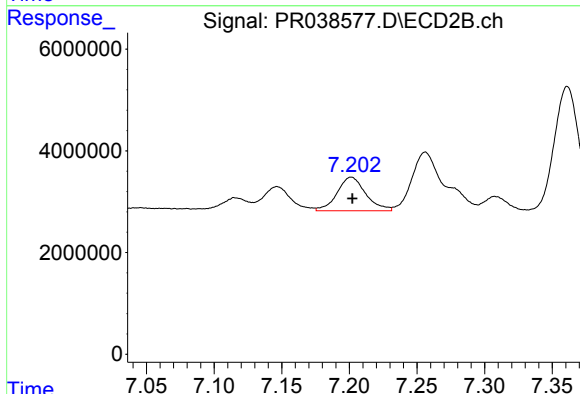
R.T.: 6.834 min
Delta R.T.: -0.003 min
Response: 13412616
Conc: 20.21 ng/ml



#28 AR-1254-3

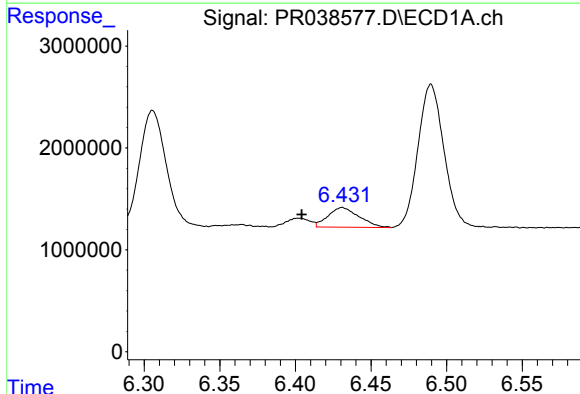
R.T.: 6.191 min
Delta R.T.: 0.011 min
Response: 11315578
Conc: 35.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



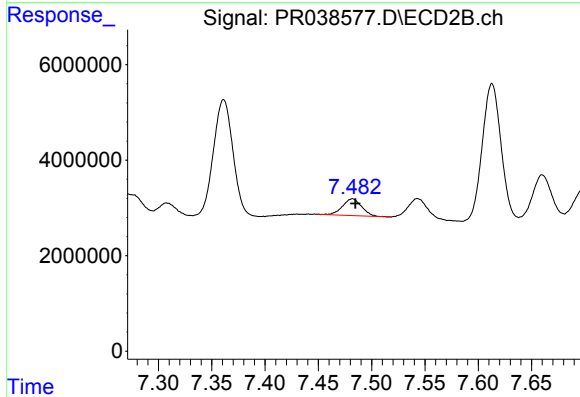
#28 AR-1254-3

R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 9742992
Conc: 12.87 ng/ml



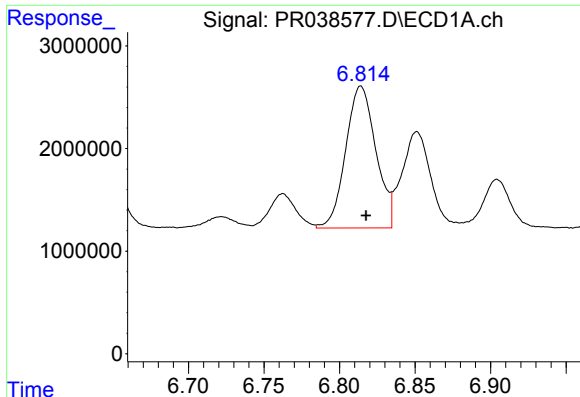
#29 AR-1254-4

R.T.: 6.431 min
Delta R.T.: 0.027 min
Response: 2746911
Conc: 12.77 ng/ml



#29 AR-1254-4

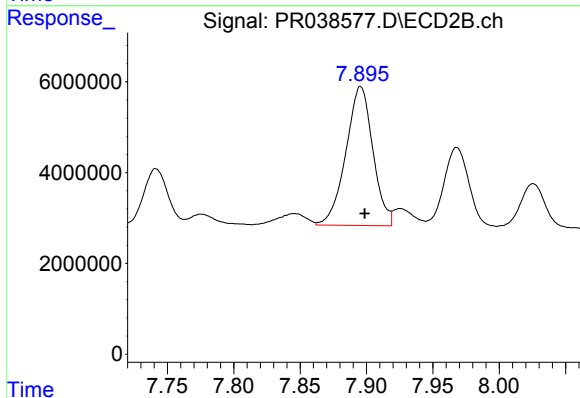
R.T.: 7.482 min
Delta R.T.: -0.003 min
Response: 4410314
Conc: 7.65 ng/ml



#30 AR-1254-5

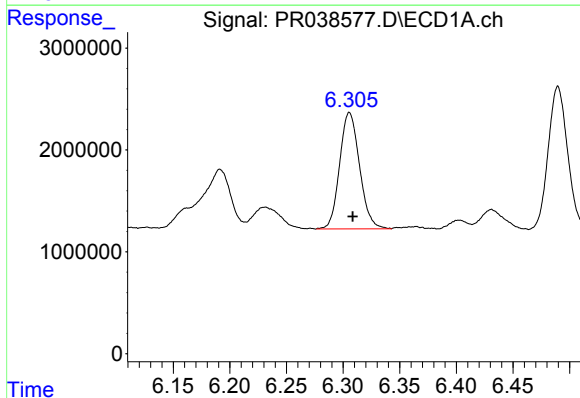
R.T.: 6.814 min
Delta R.T.: -0.003 min
Response: 19228188
Conc: 67.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



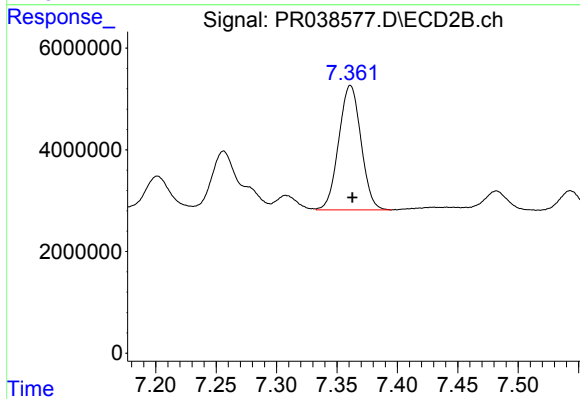
#30 AR-1254-5

R.T.: 7.896 min
Delta R.T.: -0.003 min
Response: 43378989
Conc: 71.14 ng/ml



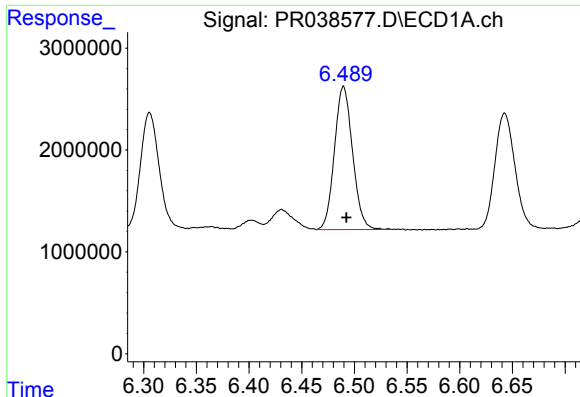
#31 AR-1260-1

R.T.: 6.306 min
Delta R.T.: -0.003 min
Response: 13982883
Conc: 105.78 ng/ml



#31 AR-1260-1

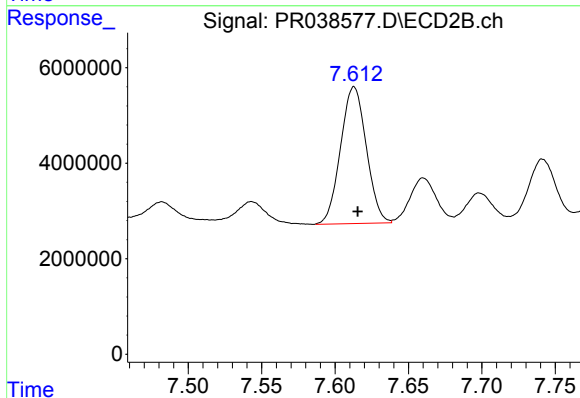
R.T.: 7.361 min
Delta R.T.: -0.002 min
Response: 31366485
Conc: 91.28 ng/ml



#32 AR-1260-2

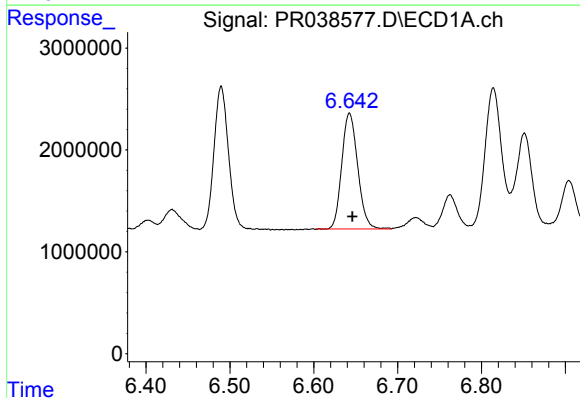
R.T.: 6.490 min
Delta R.T.: -0.003 min
Response: 16815077
Conc: 98.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



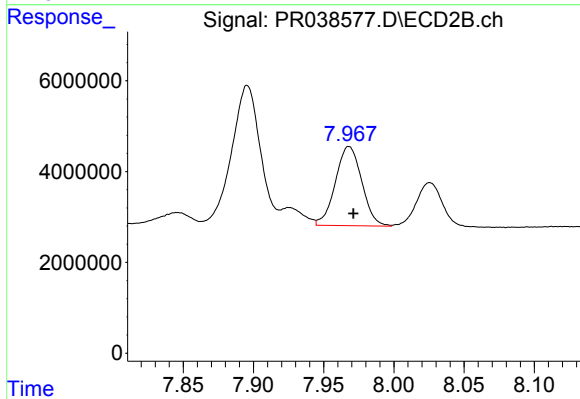
#32 AR-1260-2

R.T.: 7.613 min
Delta R.T.: -0.003 min
Response: 34997089
Conc: 86.35 ng/ml



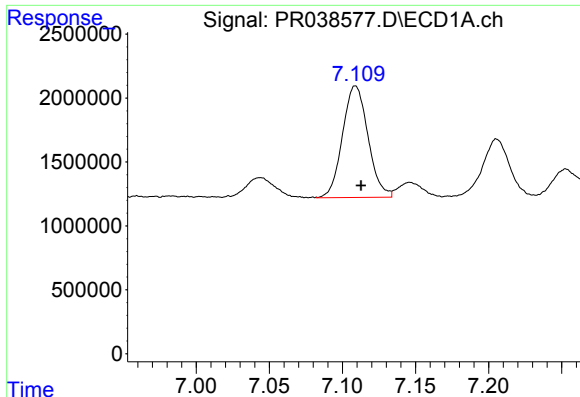
#33 AR-1260-3

R.T.: 6.643 min
Delta R.T.: -0.003 min
Response: 15029972
Conc: 99.55 ng/ml



#33 AR-1260-3

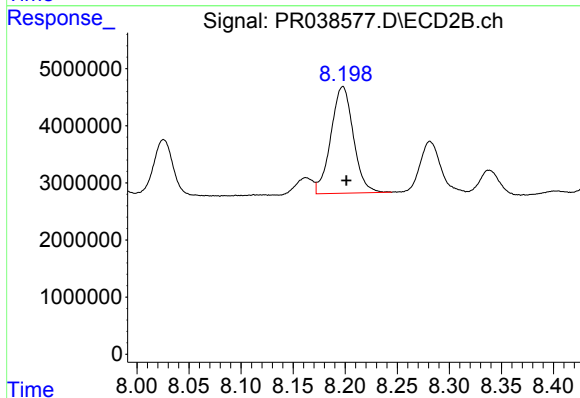
R.T.: 7.968 min
Delta R.T.: -0.003 min
Response: 22788452
Conc: 74.86 ng/ml



#34 AR-1260-4

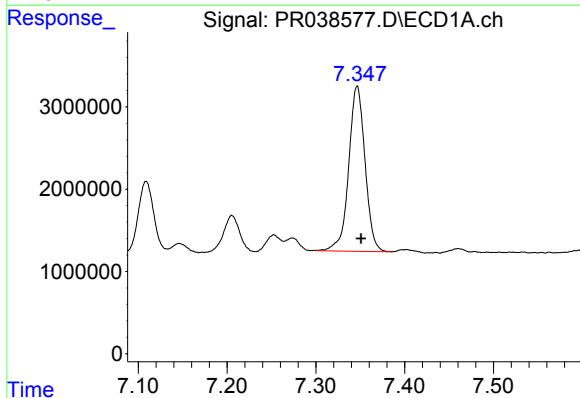
R.T.: 7.109 min
Delta R.T.: -0.004 min
Response: 10596884
Conc: 81.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



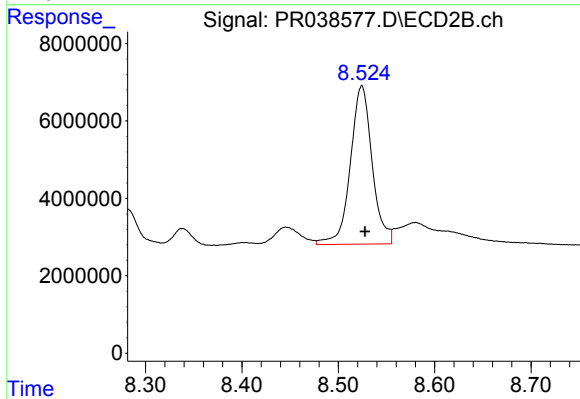
#34 AR-1260-4

R.T.: 8.198 min
Delta R.T.: -0.003 min
Response: 28062270
Conc: 78.83 ng/ml



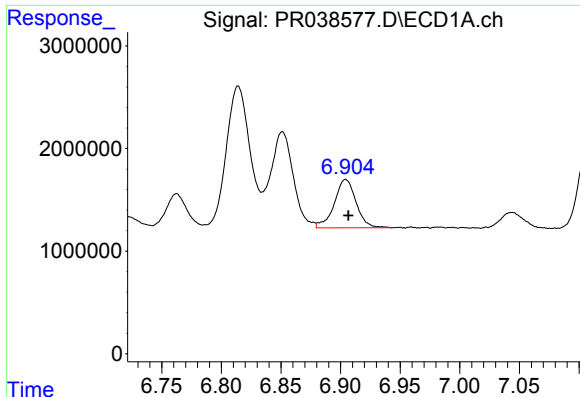
#35 AR-1260-5

R.T.: 7.347 min
Delta R.T.: -0.004 min
Response: 25677199
Conc: 75.35 ng/ml



#35 AR-1260-5

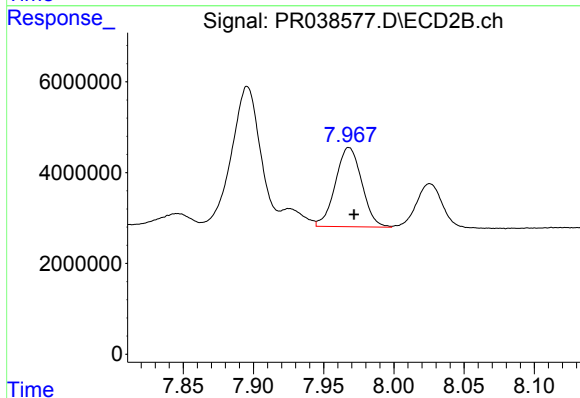
R.T.: 8.524 min
Delta R.T.: -0.004 min
Response: 64292233
Conc: 88.46 ng/ml



#36 AR-1262-1

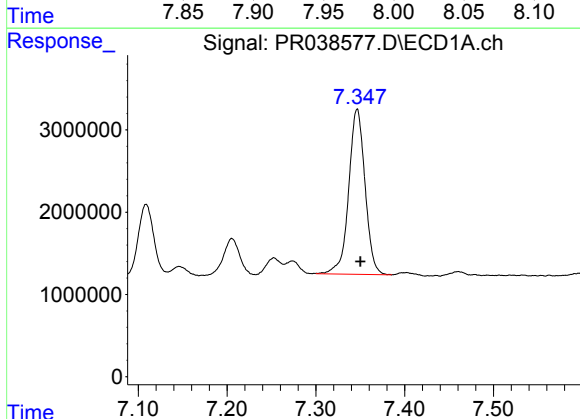
R.T.: 6.904 min
Delta R.T.: -0.002 min
Response: 6022596
Conc: 50.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



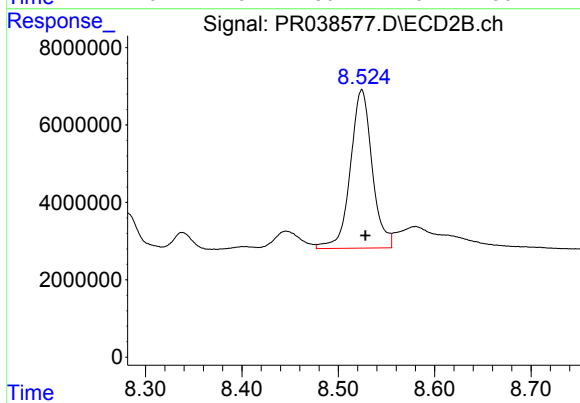
#36 AR-1262-1

R.T.: 7.968 min
Delta R.T.: -0.004 min
Response: 22788452
Conc: 32.22 ng/ml



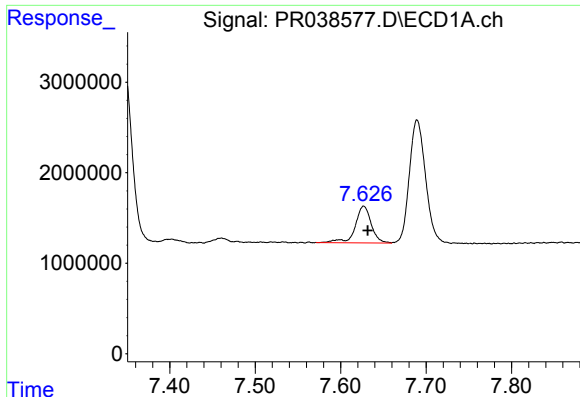
#37 AR-1262-2

R.T.: 7.347 min
Delta R.T.: -0.003 min
Response: 25677199
Conc: 39.81 ng/ml



#37 AR-1262-2

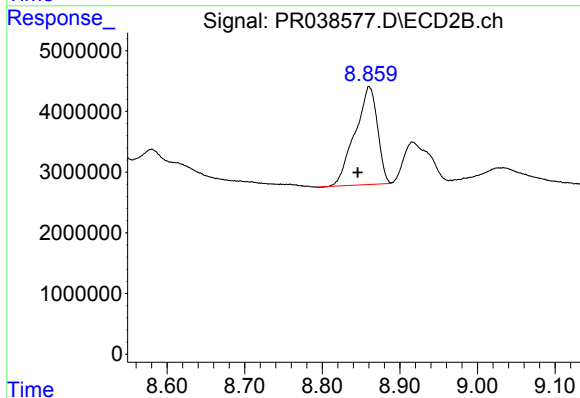
R.T.: 8.524 min
Delta R.T.: -0.004 min
Response: 64292233
Conc: 45.39 ng/ml



#38 AR-1262-3

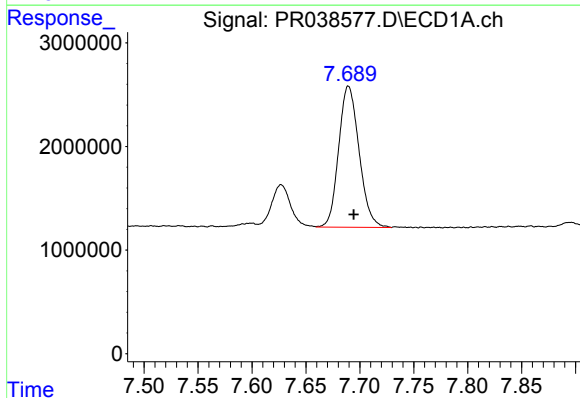
R.T.: 7.627 min
Delta R.T.: -0.004 min
Response: 5271834
Conc: 19.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



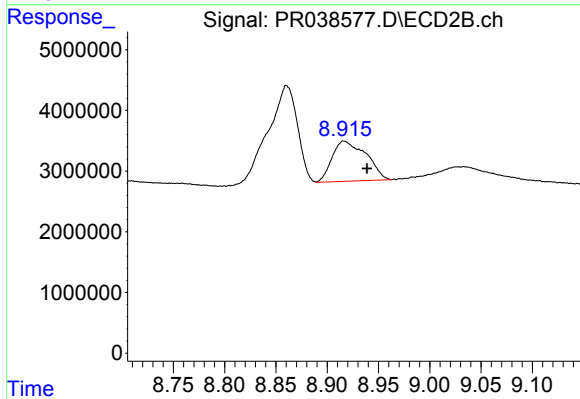
#38 AR-1262-3

R.T.: 8.860 min
Delta R.T.: 0.015 min
Response: 32332575
Conc: 35.70 ng/ml



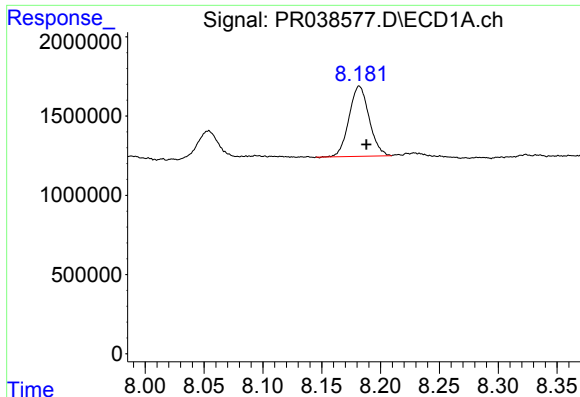
#39 AR-1262-4

R.T.: 7.690 min
Delta R.T.: -0.005 min
Response: 17959661
Conc: 36.69 ng/ml



#39 AR-1262-4

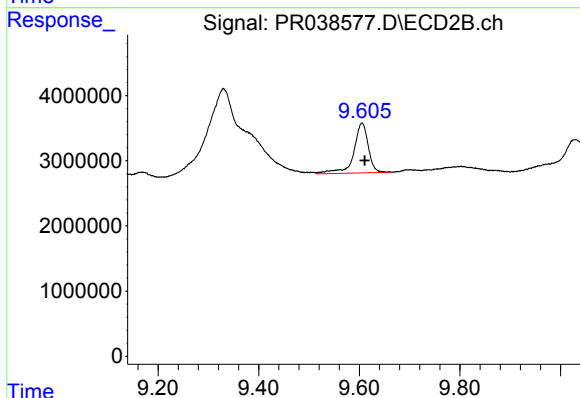
R.T.: 8.916 min
Delta R.T.: -0.023 min
Response: 15288254
Conc: 22.59 ng/ml



#40 AR-1262-5

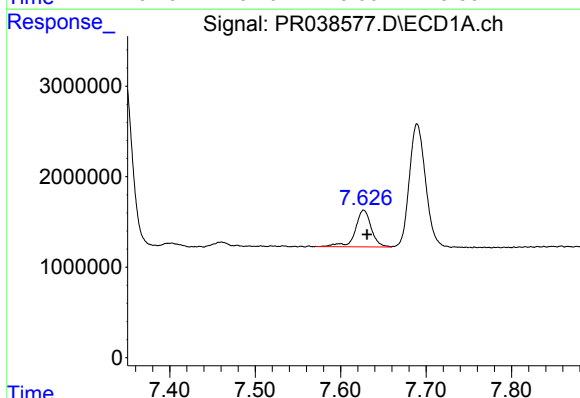
R.T.: 8.182 min
Delta R.T.: -0.006 min
Response: 5259119
Conc: 23.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



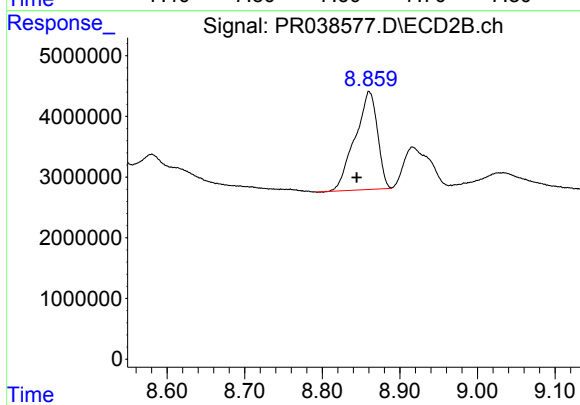
#40 AR-1262-5

R.T.: 9.605 min
Delta R.T.: -0.005 min
Response: 15459192
Conc: 31.43 ng/ml



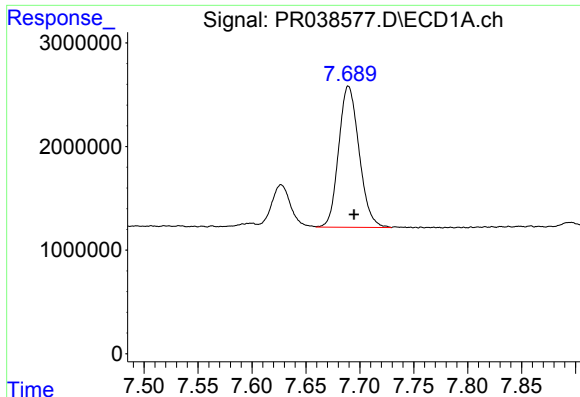
#41 AR-1268-1

R.T.: 7.627 min
Delta R.T.: -0.004 min
Response: 5271834
Conc: 10.18 ng/ml



#41 AR-1268-1

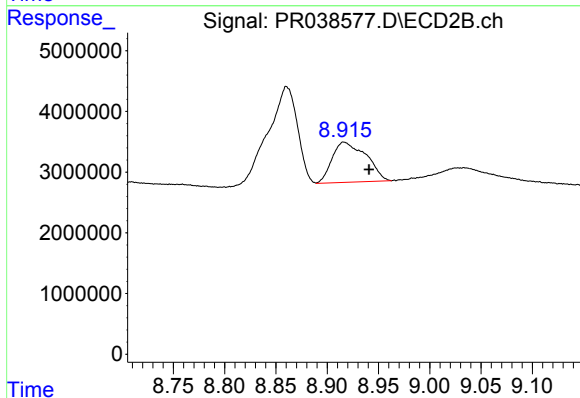
R.T.: 8.860 min
Delta R.T.: 0.016 min
Response: 32332575
Conc: 29.60 ng/ml



#42 AR-1268-2

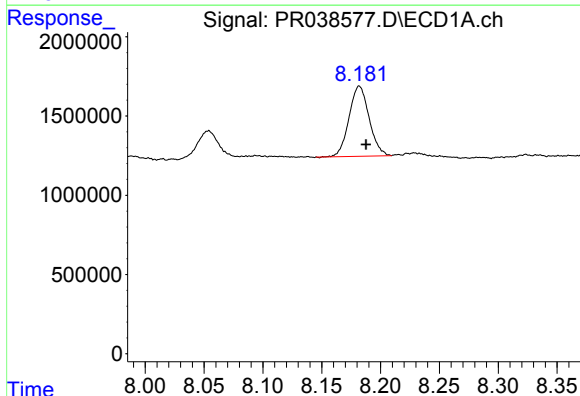
R.T.: 7.690 min
Delta R.T.: -0.005 min
Response: 17959661
Conc: 38.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



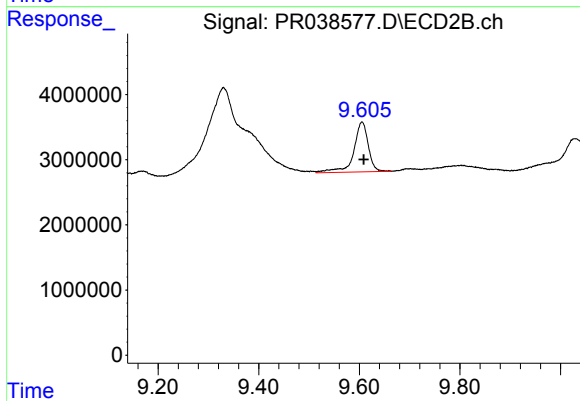
#42 AR-1268-2

R.T.: 8.916 min
Delta R.T.: -0.025 min
Response: 15288254
Conc: 15.20 ng/ml



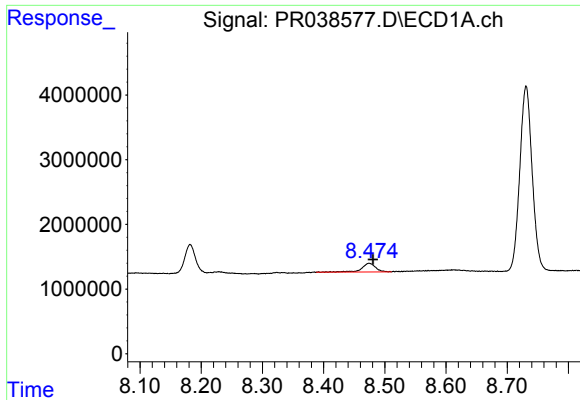
#44 AR-1268-4

R.T.: 8.182 min
Delta R.T.: -0.006 min
Response: 5259119
Conc: 32.52 ng/ml



#44 AR-1268-4

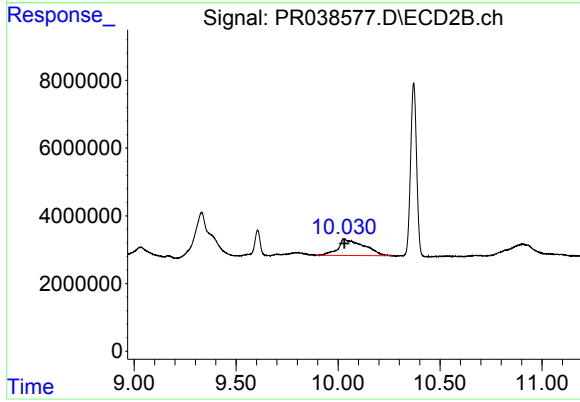
R.T.: 9.605 min
Delta R.T.: -0.003 min
Response: 15459192
Conc: 43.34 ng/ml



#45 AR-1268-5

R.T.: 8.474 min
Delta R.T.: -0.007 min
Response: 2110917
Conc: 1.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 10.029 min
Delta R.T.: -0.002 min
Response: 43027705
Conc: 15.80 ng/ml