

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071819\
 Data File : PR039410.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2019 21:17
 Operator : SM\AJ
 Sample : PB121519BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 PB121519BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 01:37:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 16 02:56:01 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...	3.759	4.605	28562090	117.9E6	18.440	18.226
2)	SA Decachlor...	8.695	10.338	46870475	167.8E6	19.168	19.602
Target Compounds							
3)	L1 AR-1016-1	4.826	5.760	13066815	55184468	217.290	220.612
4)	L1 AR-1016-2	4.843	5.782	20983600	79378054	213.611	217.560
5)	L1 AR-1016-3	5.017	5.844	10256980	47268205	206.472	214.735
6)	L1 AR-1016-4	5.057	5.943	8184511	40090149	204.692	214.306
7)	L1 AR-1016-5	5.267	6.231	11113330	38168879	204.302	207.956
9)	L2 AR-1221-2	4.128	0.000	5910742	0	465.646	N.D. #
10)	L2 AR-1221-3	4.128	4.973	5910742	22587571	149.210	149.829
11)	L3 AR-1232-1	4.128	4.973	5910742	22587571	199.028	205.458
12)	L3 AR-1232-2	4.843	5.496	20983600	35074499	568.445	585.179
13)	L3 AR-1232-3	5.017	5.782	10256980	79378054	561.785	612.049
14)	L3 AR-1232-4	5.098	5.943	10278467	40090149	645.102	598.620
15)	L3 AR-1232-5	5.267	6.027	11113330	31985022	616.539	701.818
16)	L4 AR-1242-1	4.826	5.760	13066815	55184468	247.309	256.823
17)	L4 AR-1242-2	4.843	5.782	20983600	79378054	240.780	253.952
18)	L4 AR-1242-3	5.017	5.844	10256980	47268205	235.647	247.988
19)	L4 AR-1242-4	5.098	5.943	10278467	40090149	238.691	249.803
20)	L4 AR-1242-5	5.612	0.000	8283450	0	132.563	N.D. #
21)	L5 AR-1248-1	4.826	5.760	13066815	55184468	301.909	322.780
22)	L5 AR-1248-2	5.057	6.027	8184511	31985022	130.476	136.187
23)	L5 AR-1248-3	5.098	6.231	10278467	38168879	157.443	138.107
24)	L5 AR-1248-4	5.267	6.603	11113330	35154934	135.568	104.759
25)	L5 AR-1248-5	5.612	0.000	8283450	0	94.806	N.D. #
26)	L6 AR-1254-1	5.612	6.603	8283450	35154934	62.632	109.790 #
27)	L6 AR-1254-2	5.756	6.816	8979266	32309691	76.655	63.139
28)	L6 AR-1254-3	6.167	7.183	20114018	23013553	97.342	38.349 #
29)	L6 AR-1254-4	6.407	7.464	5413872	11876233	35.363	27.442
30)	L6 AR-1254-5	6.789	7.877	37021660	116.8E6	198.722	248.452 #
31)	L7 AR-1260-1	6.281	7.342	24476614	76876844	213.578	211.706
32)	L7 AR-1260-2	6.465	7.594	32400698	92774347	214.843	212.102
33)	L7 AR-1260-3	6.617	7.949	28637961	59686030	212.790	175.868
34)	L7 AR-1260-4	7.082	8.178	21591924	74395433	180.398	183.070
35)	L7 AR-1260-5	7.321	8.504	53487985	153.5E6	177.977	179.458
36)	L8 AR-1262-1	6.879	7.949	11101023	59686030	117.105	85.947 #
37)	L8 AR-1262-2	7.321	8.504	53487985	153.5E6	109.944	111.957
38)	L8 AR-1262-3	7.600	8.840	10851498	98889960	59.750	109.781 #
39)	L8 AR-1262-4	7.663	8.894	40093118	53480985	112.690	79.656 #
40)	L8 AR-1262-5	8.154	9.580	12088907	39609427	74.129	80.915
41)	L9 AR-1268-1	7.600	8.840	10851498	98889960	20.099	62.758 #
42)	L9 AR-1268-2	7.663	8.894	40093118	53480985	80.943	36.458 #

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 Acq On : 18 Jul 2019 21:17
 Operator : SM\AJ
 Sample : PB121519BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

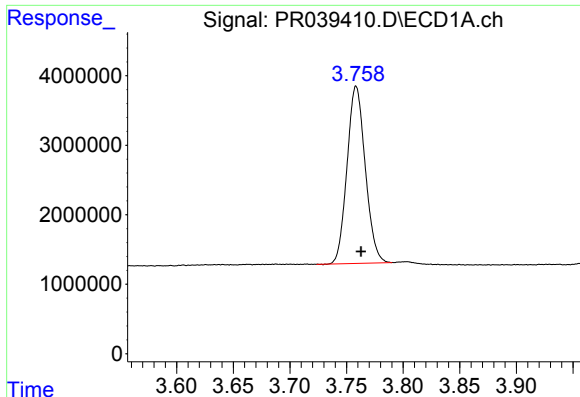
Instrument :
 ECD_R
 ClientSampleId :
 PB121519BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 01:37:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071519.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
44) L9	AR-1268-4	8.154	9.580	12088907	39609427	67.669	74.761
45) L9	AR-1268-5	8.444	9.999	3842859	14008554	2.830	3.266

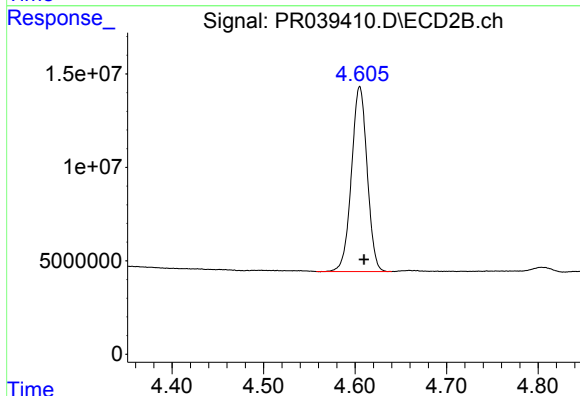
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

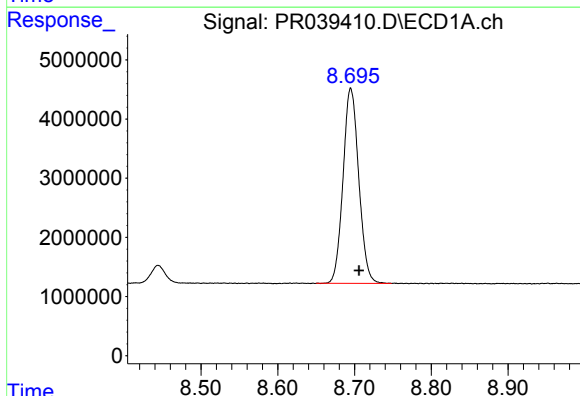
R.T.: 3.759 min
Delta R.T.: -0.004 min
Response: 28562090
Conc: 18.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
PB121519BS



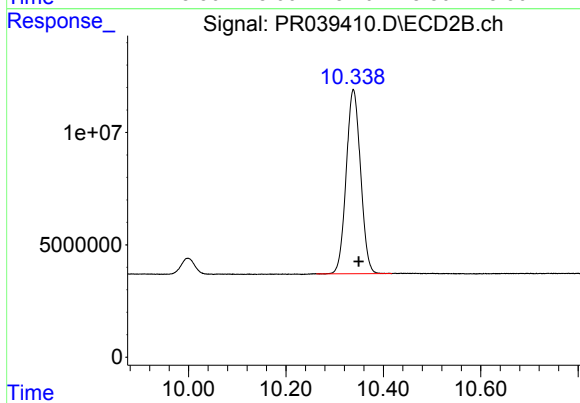
#1 Tetrachloro-m-xylene

R.T.: 4.605 min
Delta R.T.: -0.005 min
Response: 117873153
Conc: 18.23 ng/ml



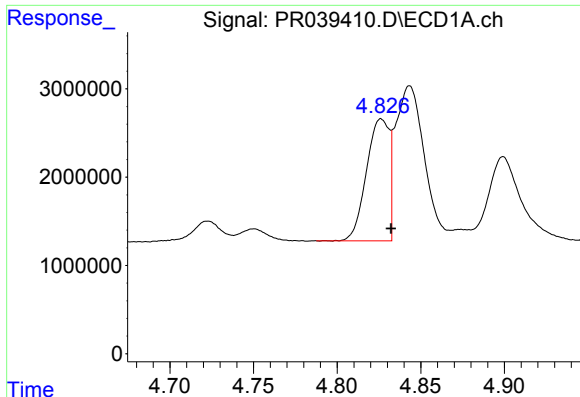
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: -0.011 min
Response: 46870475
Conc: 19.17 ng/ml



#2 Decachlorobiphenyl

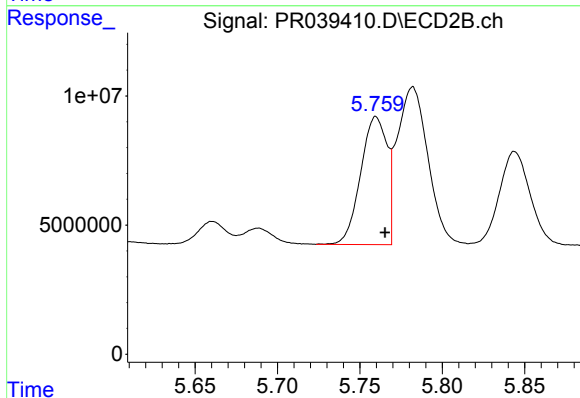
R.T.: 10.338 min
Delta R.T.: -0.011 min
Response: 167751613
Conc: 19.60 ng/ml



#3 AR-1016-1

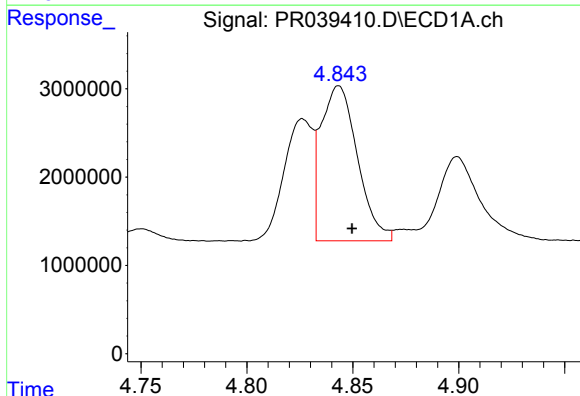
R.T.: 4.826 min
Delta R.T.: -0.006 min
Response: 13066815
Conc: 217.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
PB121519BS



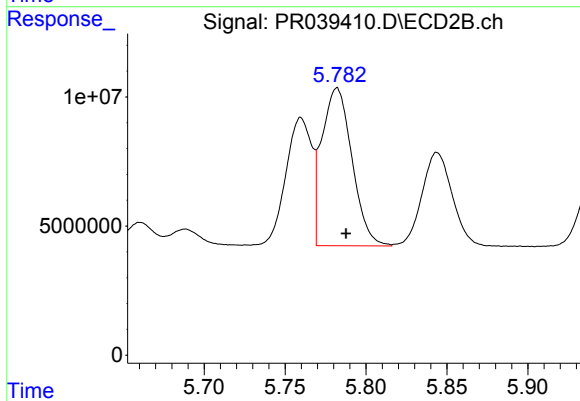
#3 AR-1016-1

R.T.: 5.760 min
Delta R.T.: -0.005 min
Response: 55184468
Conc: 220.61 ng/ml



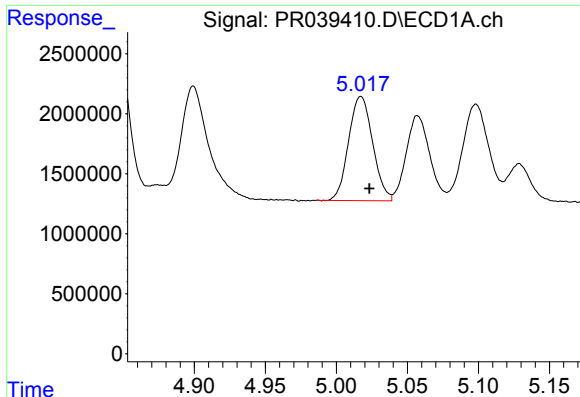
#4 AR-1016-2

R.T.: 4.843 min
Delta R.T.: -0.006 min
Response: 20983600
Conc: 213.61 ng/ml



#4 AR-1016-2

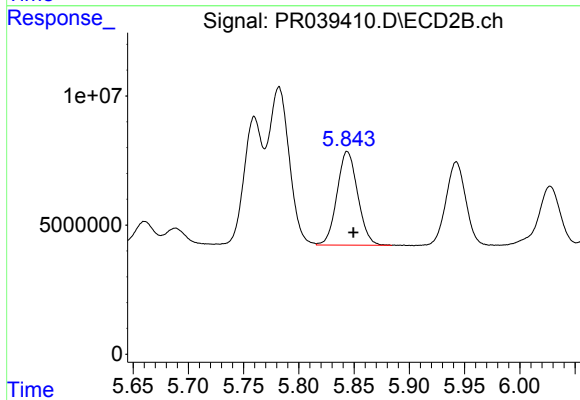
R.T.: 5.782 min
Delta R.T.: -0.006 min
Response: 79378054
Conc: 217.56 ng/ml



#5 AR-1016-3

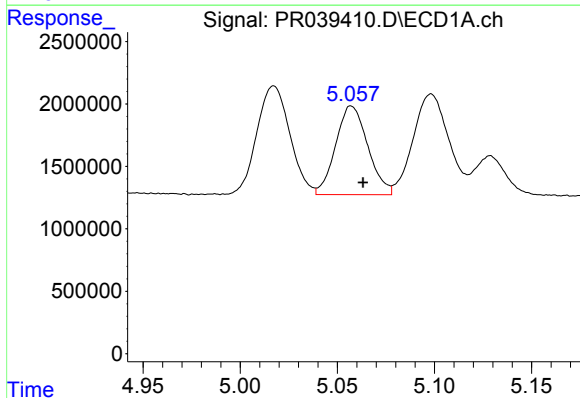
R.T.: 5.017 min
Delta R.T.: -0.006 min
Response: 10256980
Conc: 206.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
PB121519BS



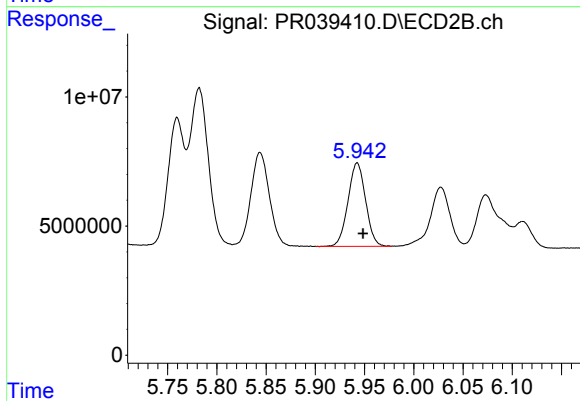
#5 AR-1016-3

R.T.: 5.844 min
Delta R.T.: -0.006 min
Response: 47268205
Conc: 214.73 ng/ml



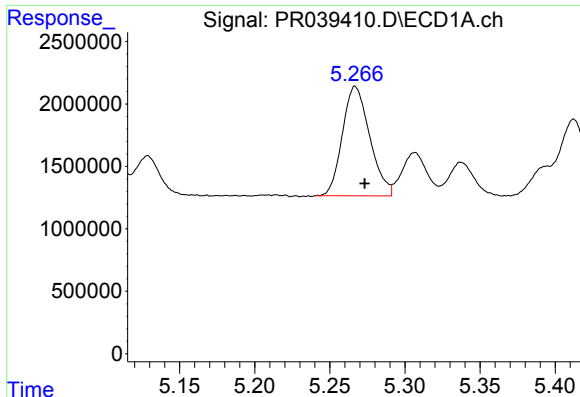
#6 AR-1016-4

R.T.: 5.057 min
Delta R.T.: -0.006 min
Response: 8184511
Conc: 204.69 ng/ml



#6 AR-1016-4

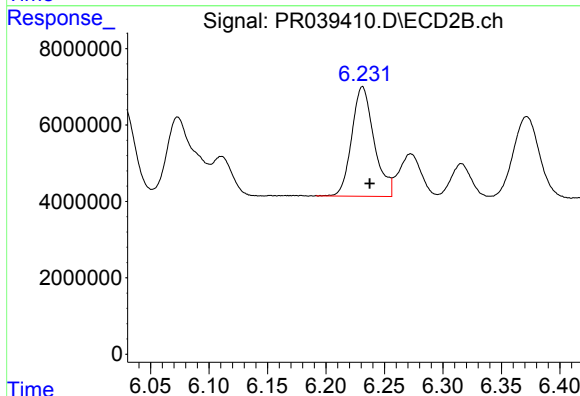
R.T.: 5.943 min
Delta R.T.: -0.006 min
Response: 40090149
Conc: 214.31 ng/ml



#7 AR-1016-5

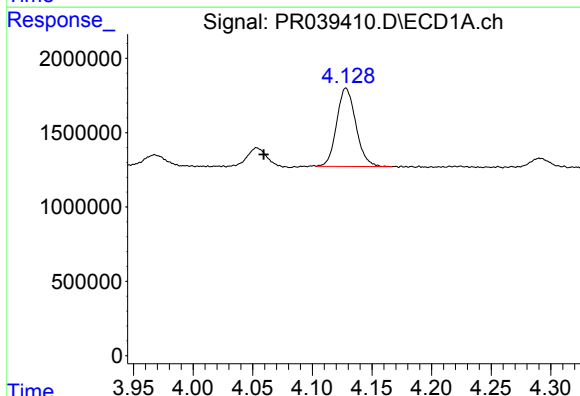
R.T.: 5.267 min
Delta R.T.: -0.006 min
Response: 11113330
Conc: 204.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
PB121519BS



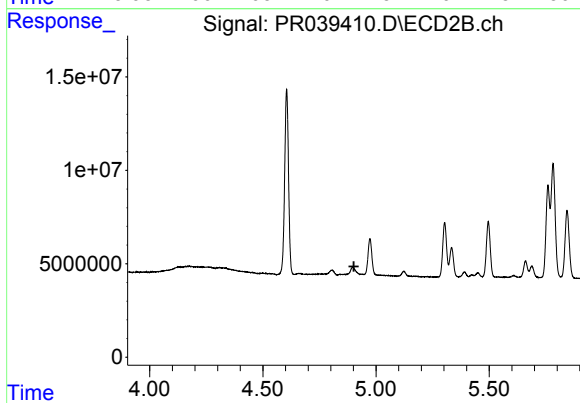
#7 AR-1016-5

R.T.: 6.231 min
Delta R.T.: -0.006 min
Response: 38168879
Conc: 207.96 ng/ml



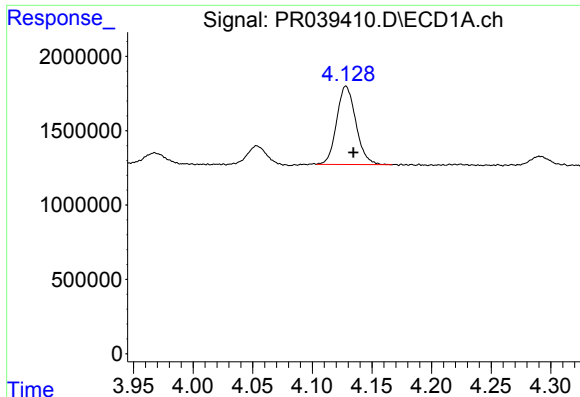
#9 AR-1221-2

R.T.: 4.128 min
Delta R.T.: 0.069 min
Response: 5910742
Conc: 465.65 ng/ml



#9 AR-1221-2

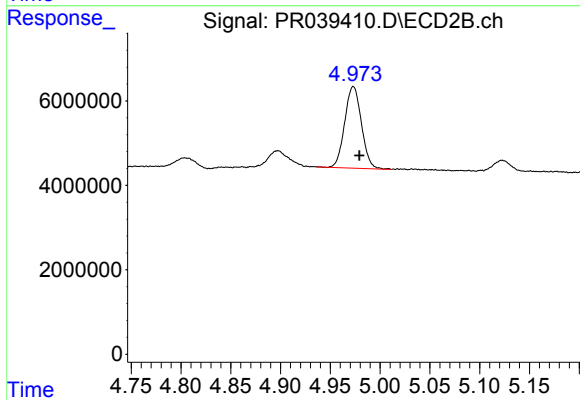
R.T.: 0.000 min
Exp R.T.: 4.902 min
Response: 0
Conc: N.D.



#10 AR-1221-3

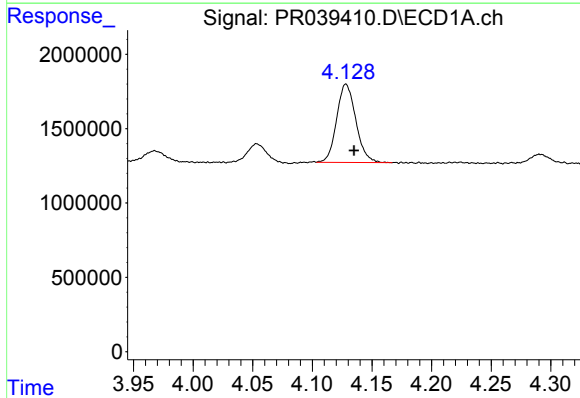
R.T.: 4.128 min
Delta R.T.: -0.006 min
Response: 5910742
Conc: 149.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
PB121519BS



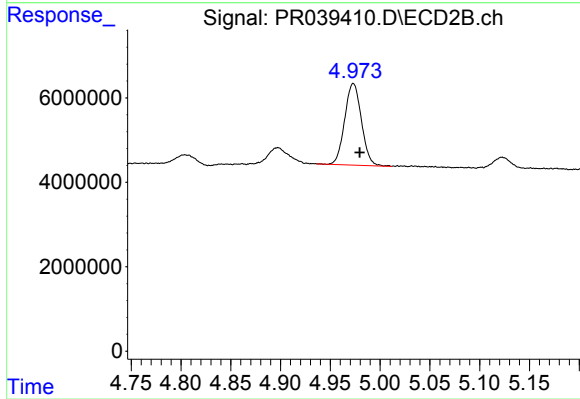
#10 AR-1221-3

R.T.: 4.973 min
Delta R.T.: -0.006 min
Response: 22587571
Conc: 149.83 ng/ml



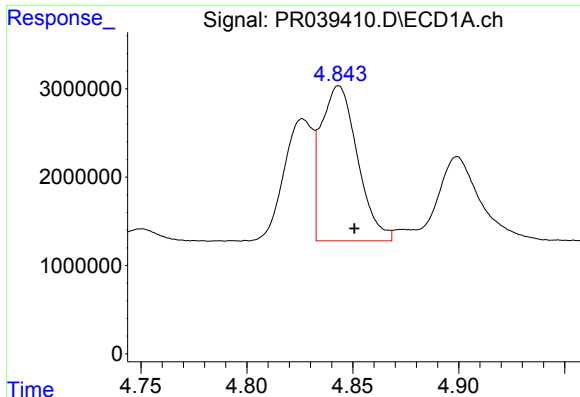
#11 AR-1232-1

R.T.: 4.128 min
Delta R.T.: -0.007 min
Response: 5910742
Conc: 199.03 ng/ml



#11 AR-1232-1

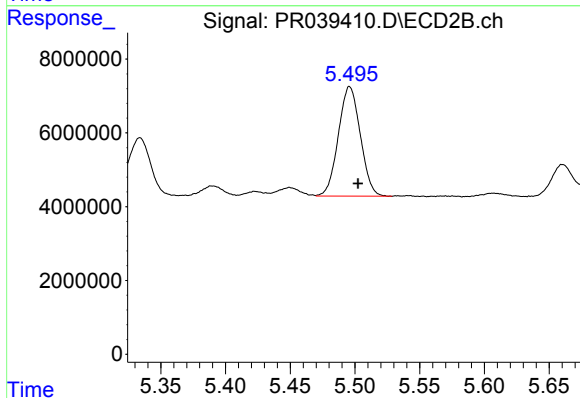
R.T.: 4.973 min
Delta R.T.: -0.006 min
Response: 22587571
Conc: 205.46 ng/ml



#12 AR-1232-2

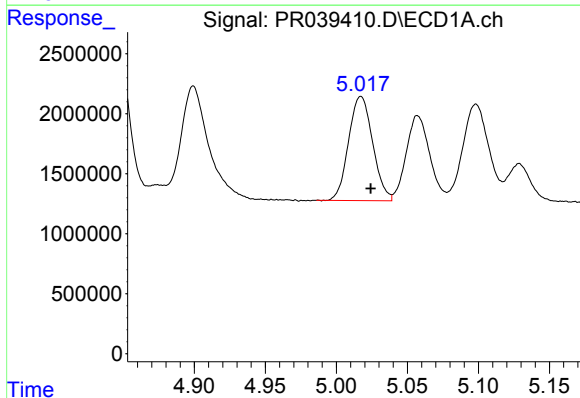
R.T.: 4.843 min
Delta R.T.: -0.007 min
Response: 20983600
Conc: 568.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
PB121519BS



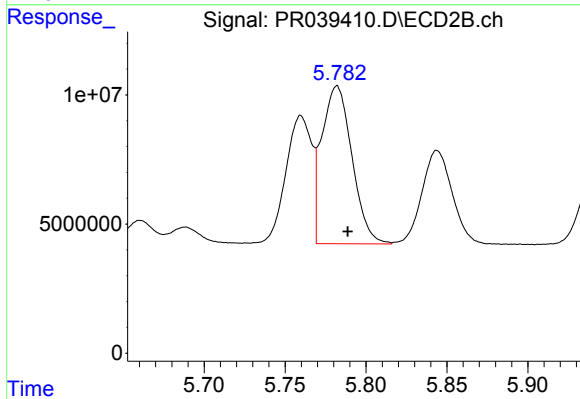
#12 AR-1232-2

R.T.: 5.496 min
Delta R.T.: -0.006 min
Response: 35074499
Conc: 585.18 ng/ml



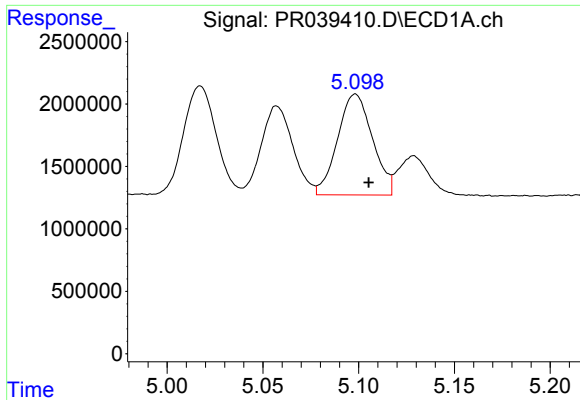
#13 AR-1232-3

R.T.: 5.017 min
Delta R.T.: -0.007 min
Response: 10256980
Conc: 561.78 ng/ml



#13 AR-1232-3

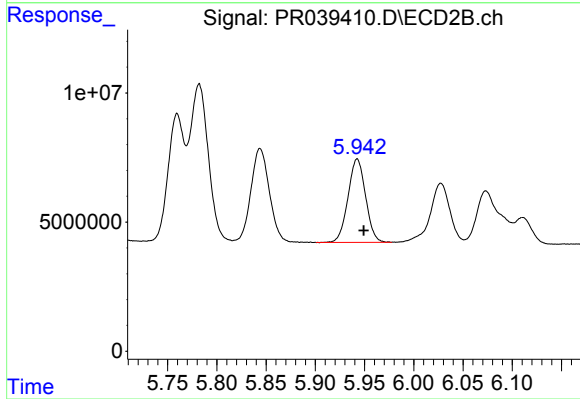
R.T.: 5.782 min
Delta R.T.: -0.007 min
Response: 79378054
Conc: 612.05 ng/ml



#14 AR-1232-4

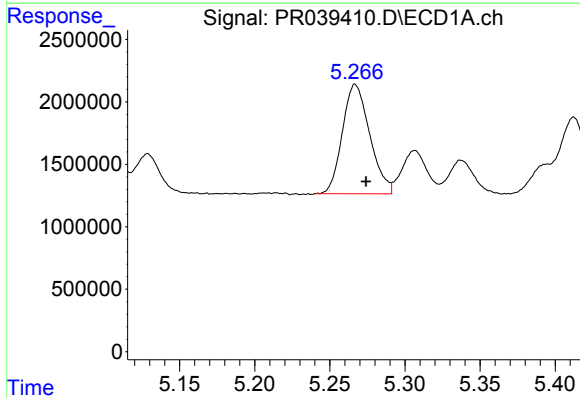
R.T.: 5.098 min
Delta R.T.: -0.007 min
Response: 10278467
Conc: 645.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
PB121519BS



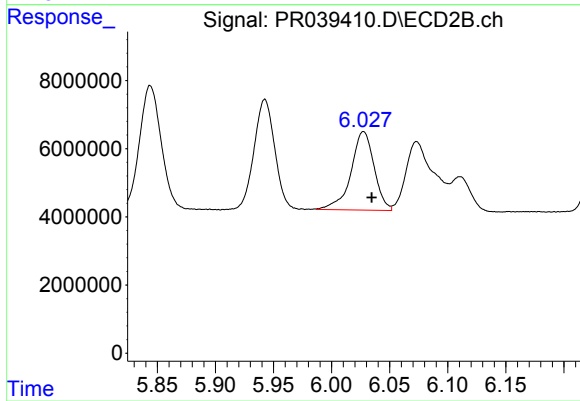
#14 AR-1232-4

R.T.: 5.943 min
Delta R.T.: -0.007 min
Response: 40090149
Conc: 598.62 ng/ml



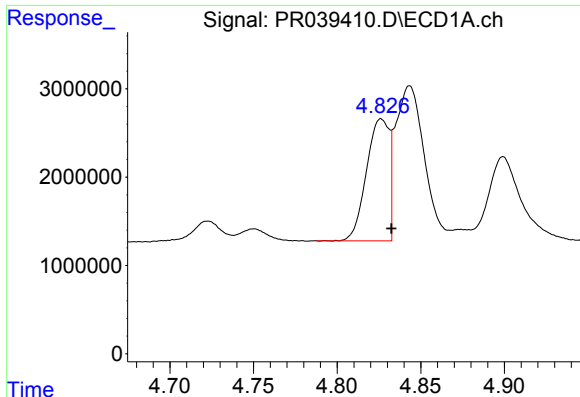
#15 AR-1232-5

R.T.: 5.267 min
Delta R.T.: -0.007 min
Response: 11113330
Conc: 616.54 ng/ml



#15 AR-1232-5

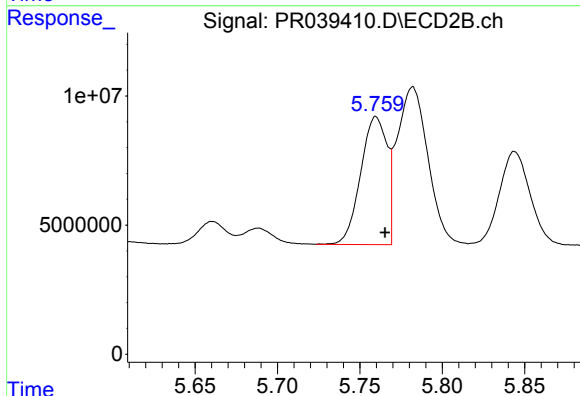
R.T.: 6.027 min
Delta R.T.: -0.007 min
Response: 31985022
Conc: 701.82 ng/ml



#16 AR-1242-1

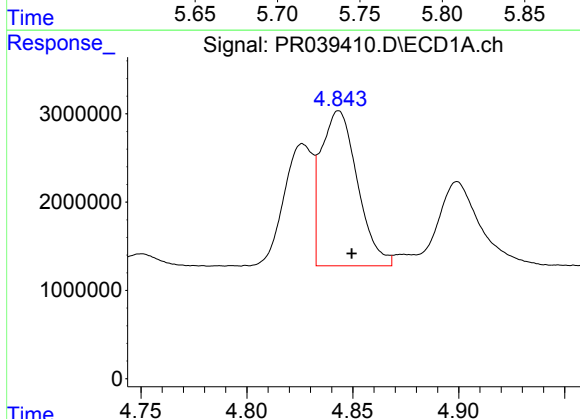
R.T.: 4.826 min
Delta R.T.: -0.006 min
Response: 13066815
Conc: 247.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
PB121519BS



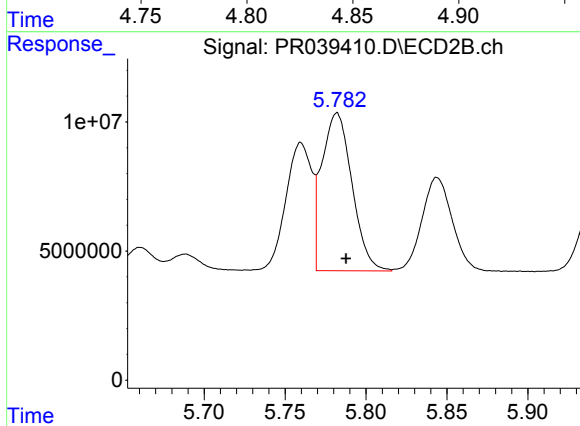
#16 AR-1242-1

R.T.: 5.760 min
Delta R.T.: -0.005 min
Response: 55184468
Conc: 256.82 ng/ml



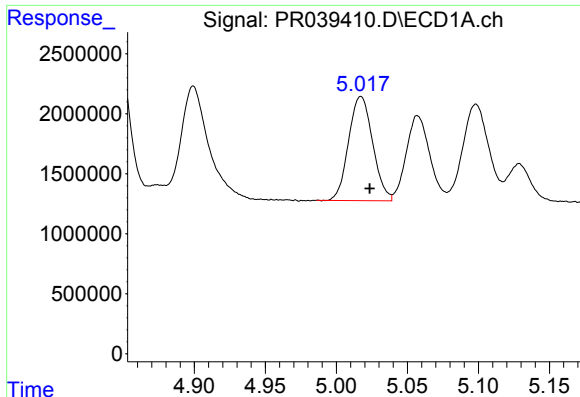
#17 AR-1242-2

R.T.: 4.843 min
Delta R.T.: -0.006 min
Response: 20983600
Conc: 240.78 ng/ml



#17 AR-1242-2

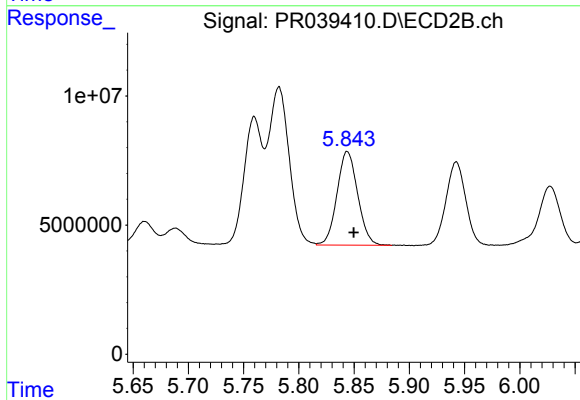
R.T.: 5.782 min
Delta R.T.: -0.006 min
Response: 79378054
Conc: 253.95 ng/ml



#18 AR-1242-3

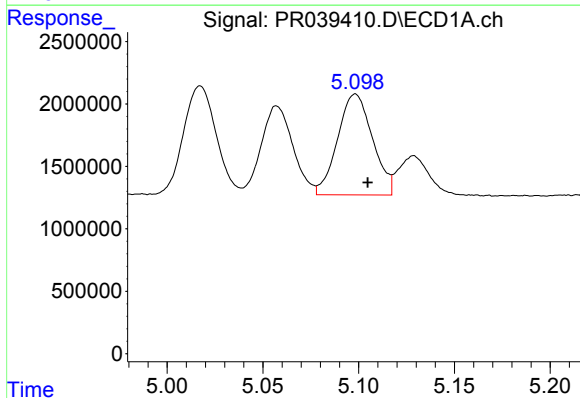
R.T.: 5.017 min
Delta R.T.: -0.006 min
Response: 10256980
Conc: 235.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
PB121519BS



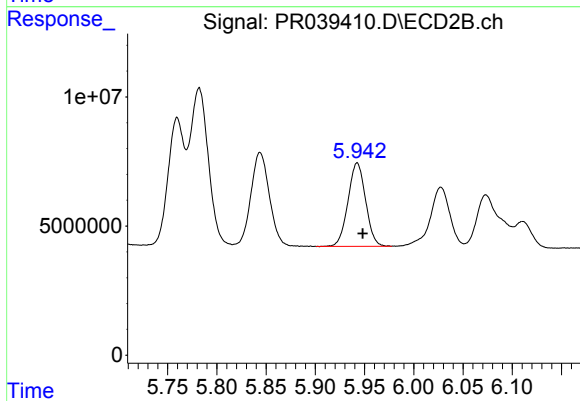
#18 AR-1242-3

R.T.: 5.844 min
Delta R.T.: -0.006 min
Response: 47268205
Conc: 247.99 ng/ml



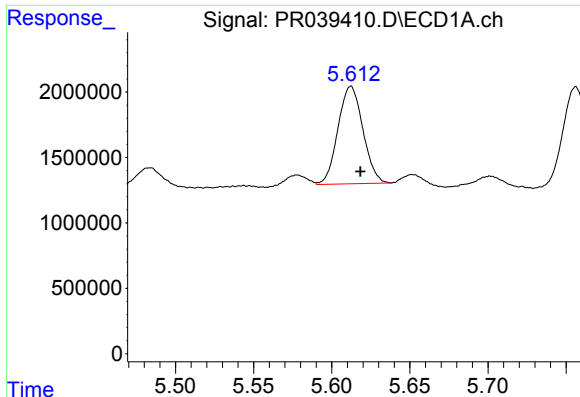
#19 AR-1242-4

R.T.: 5.098 min
Delta R.T.: -0.006 min
Response: 10278467
Conc: 238.69 ng/ml



#19 AR-1242-4

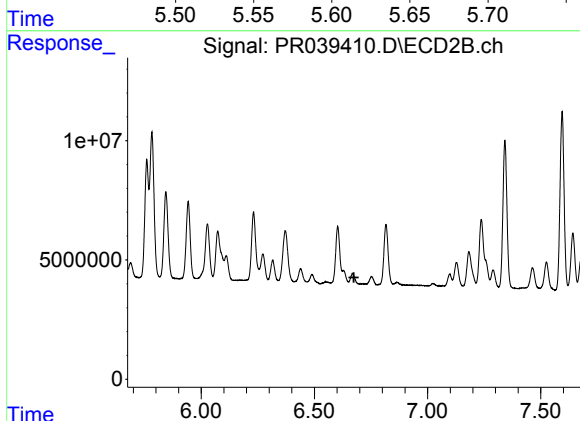
R.T.: 5.943 min
Delta R.T.: -0.006 min
Response: 40090149
Conc: 249.80 ng/ml



#20 AR-1242-5

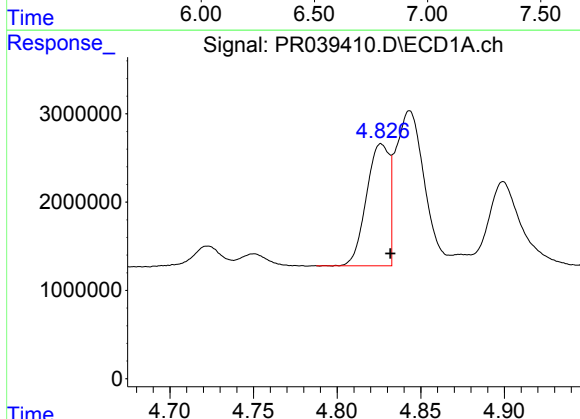
R.T.: 5.612 min
Delta R.T.: -0.006 min
Response: 8283450
Conc: 132.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
PB121519BS



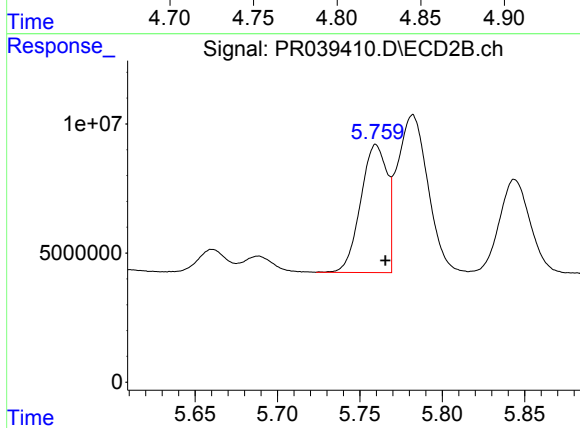
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.675 min
Response: 0
Conc: N.D.



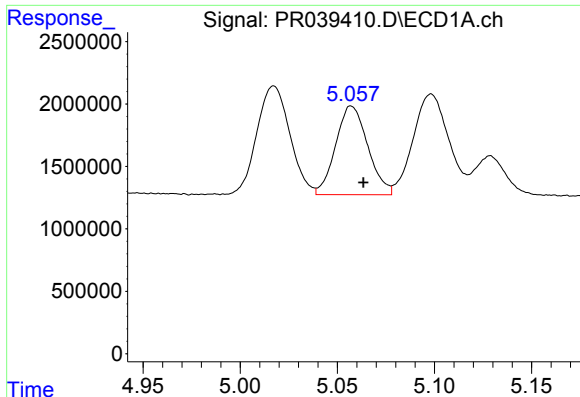
#21 AR-1248-1

R.T.: 4.826 min
Delta R.T.: -0.006 min
Response: 13066815
Conc: 301.91 ng/ml



#21 AR-1248-1

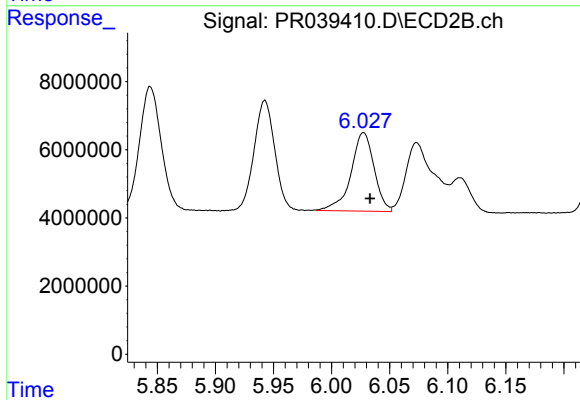
R.T.: 5.760 min
Delta R.T.: -0.006 min
Response: 55184468
Conc: 322.78 ng/ml



#22 AR-1248-2

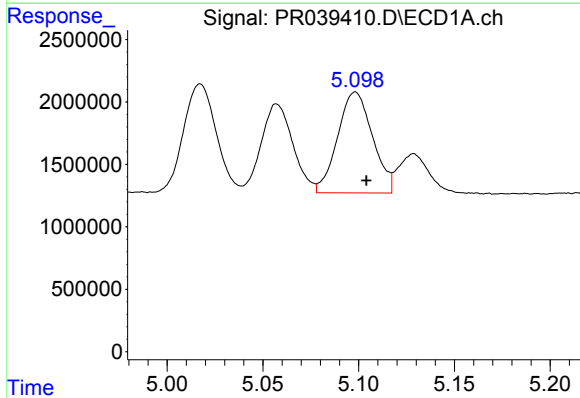
R.T.: 5.057 min
Delta R.T.: -0.006 min
Response: 8184511
Conc: 130.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
PB121519BS



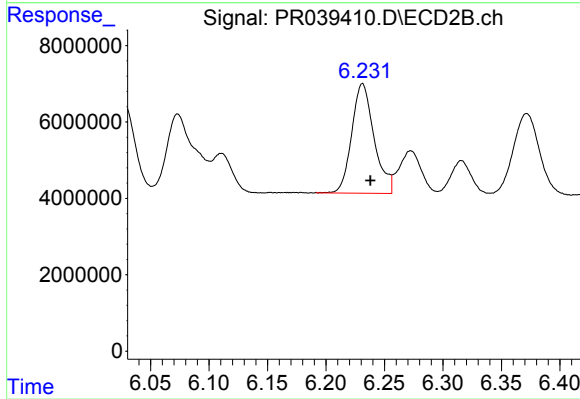
#22 AR-1248-2

R.T.: 6.027 min
Delta R.T.: -0.006 min
Response: 31985022
Conc: 136.19 ng/ml



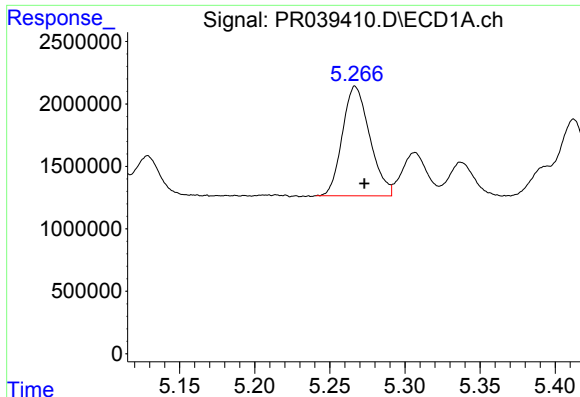
#23 AR-1248-3

R.T.: 5.098 min
Delta R.T.: -0.006 min
Response: 10278467
Conc: 157.44 ng/ml



#23 AR-1248-3

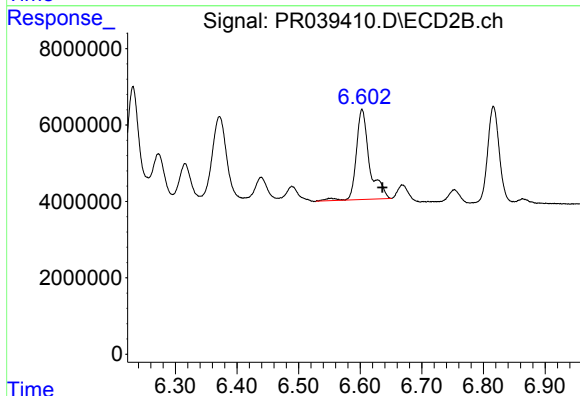
R.T.: 6.231 min
Delta R.T.: -0.007 min
Response: 38168879
Conc: 138.11 ng/ml



#24 AR-1248-4

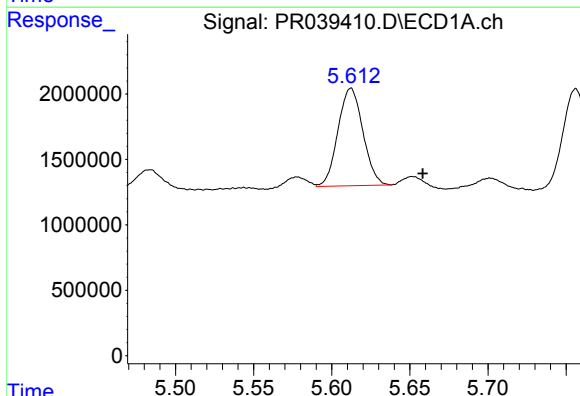
R.T.: 5.267 min
Delta R.T.: -0.006 min
Response: 11113330
Conc: 135.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
PB121519BS



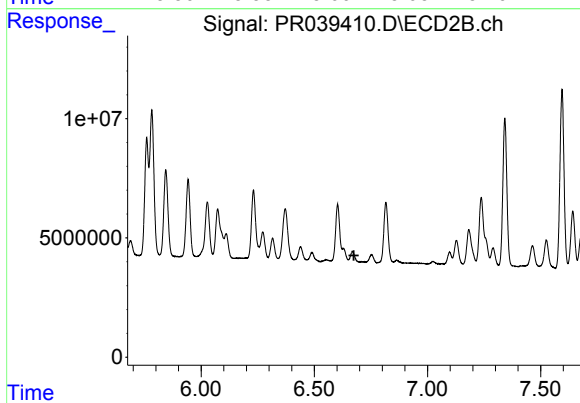
#24 AR-1248-4

R.T.: 6.603 min
Delta R.T.: -0.033 min
Response: 35154934
Conc: 104.76 ng/ml



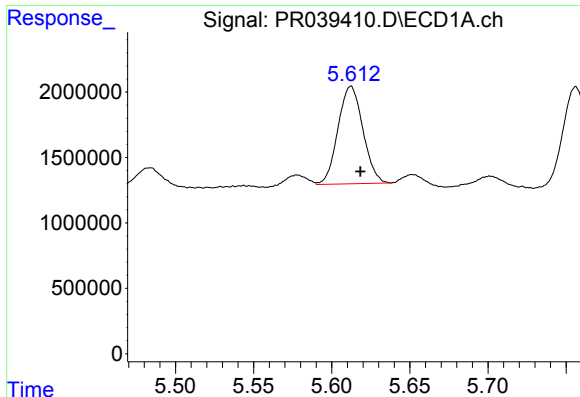
#25 AR-1248-5

R.T.: 5.612 min
Delta R.T.: -0.046 min
Response: 8283450
Conc: 94.81 ng/ml



#25 AR-1248-5

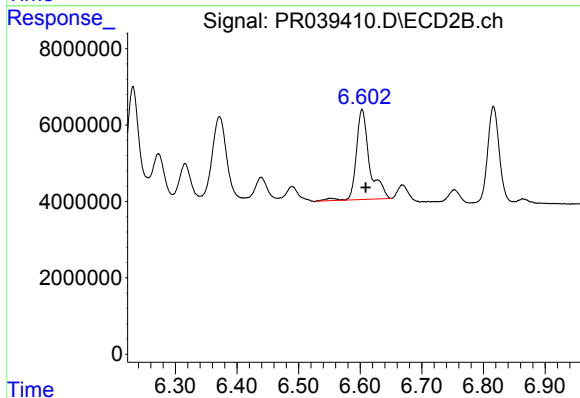
R.T.: 0.000 min
Exp R.T.: 6.675 min
Response: 0
Conc: N.D.



#26 AR-1254-1

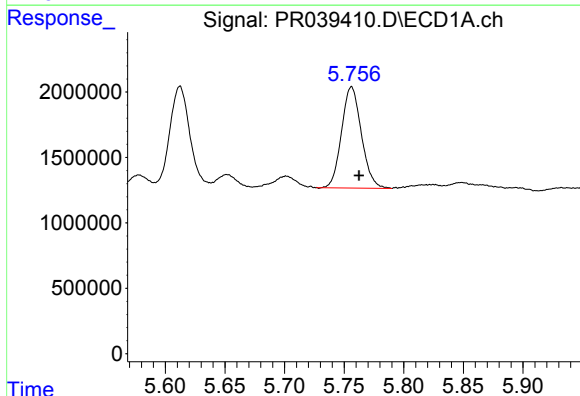
R.T.: 5.612 min
Delta R.T.: -0.006 min
Response: 8283450
Conc: 62.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
PB121519BS



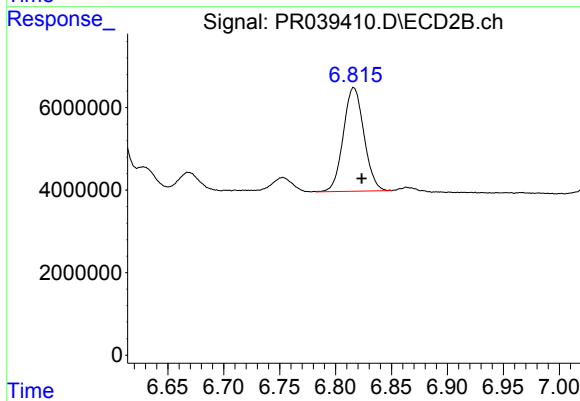
#26 AR-1254-1

R.T.: 6.603 min
Delta R.T.: -0.006 min
Response: 35154934
Conc: 109.79 ng/ml



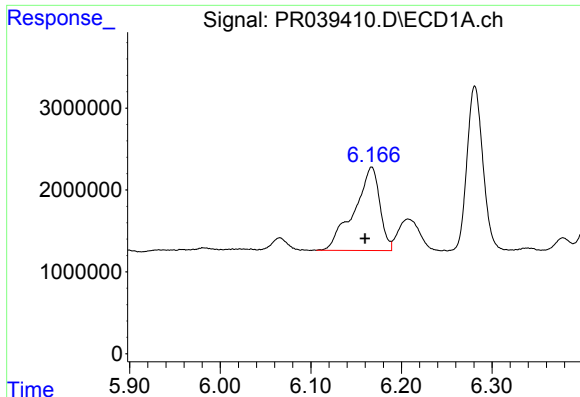
#27 AR-1254-2

R.T.: 5.756 min
Delta R.T.: -0.006 min
Response: 8979266
Conc: 76.65 ng/ml



#27 AR-1254-2

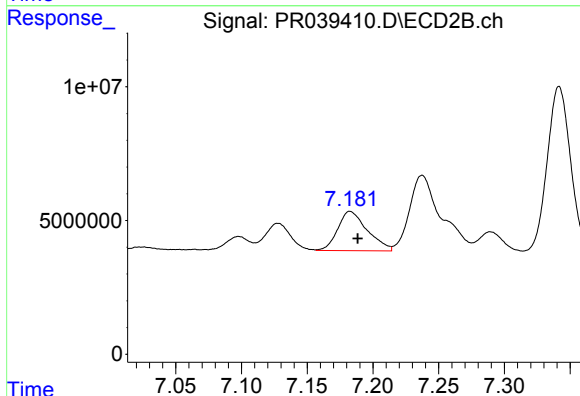
R.T.: 6.816 min
Delta R.T.: -0.007 min
Response: 32309691
Conc: 63.14 ng/ml



#28 AR-1254-3

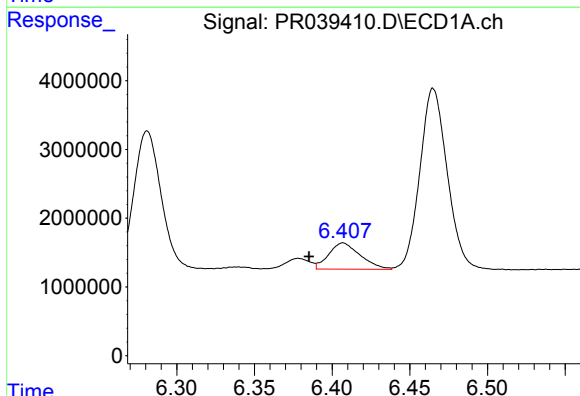
R.T.: 6.167 min
Delta R.T.: 0.007 min
Response: 20114018
Conc: 97.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
PB121519BS



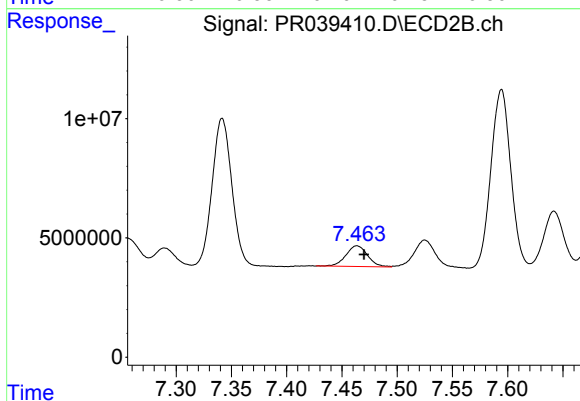
#28 AR-1254-3

R.T.: 7.183 min
Delta R.T.: -0.006 min
Response: 23013553
Conc: 38.35 ng/ml



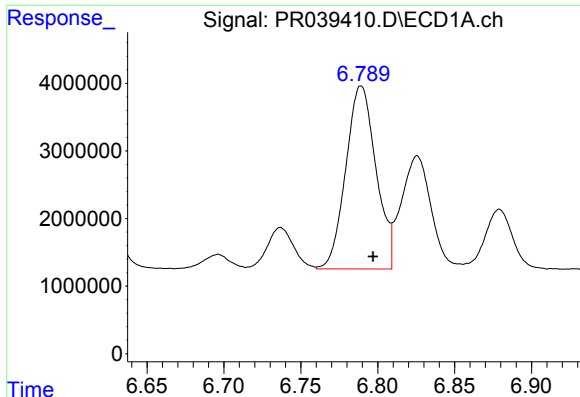
#29 AR-1254-4

R.T.: 6.407 min
Delta R.T.: 0.022 min
Response: 5413872
Conc: 35.36 ng/ml



#29 AR-1254-4

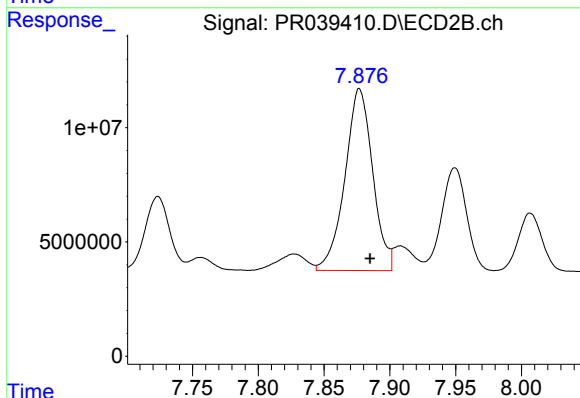
R.T.: 7.464 min
Delta R.T.: -0.007 min
Response: 11876233
Conc: 27.44 ng/ml



#30 AR-1254-5

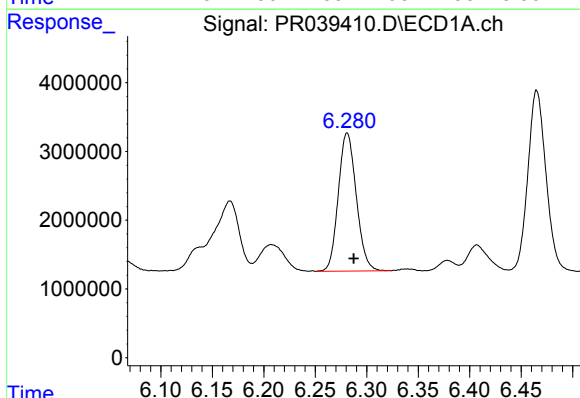
R.T.: 6.789 min
Delta R.T.: -0.008 min
Response: 37021660
Conc: 198.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
PB121519BS



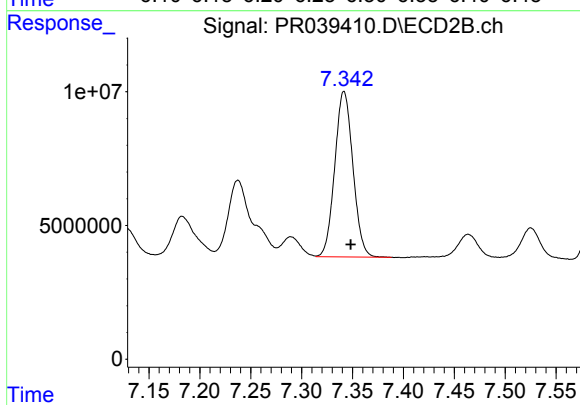
#30 AR-1254-5

R.T.: 7.877 min
Delta R.T.: -0.008 min
Response: 116765943
Conc: 248.45 ng/ml



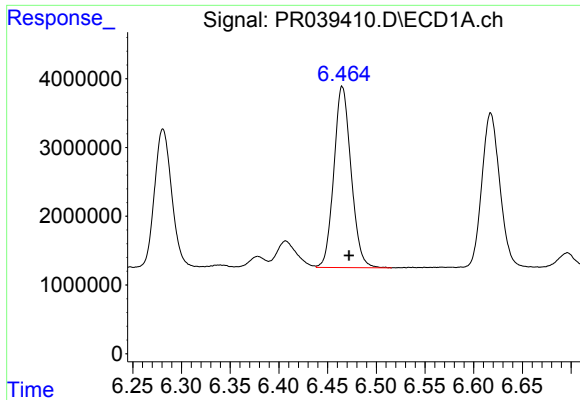
#31 AR-1260-1

R.T.: 6.281 min
Delta R.T.: -0.007 min
Response: 24476614
Conc: 213.58 ng/ml



#31 AR-1260-1

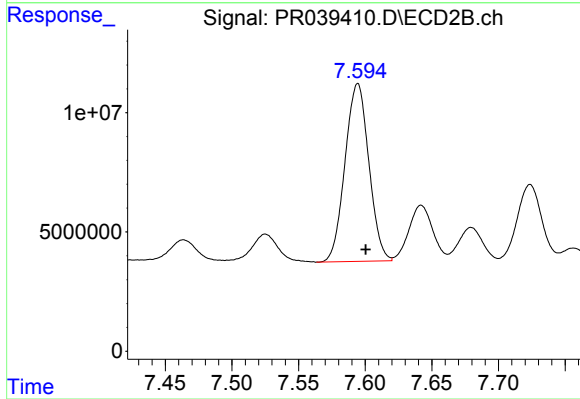
R.T.: 7.342 min
Delta R.T.: -0.007 min
Response: 76876844
Conc: 211.71 ng/ml



#32 AR-1260-2

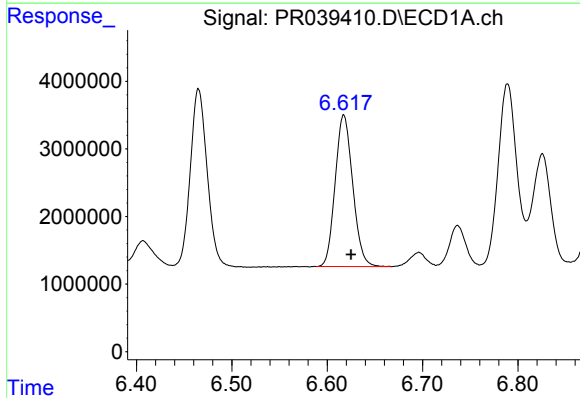
R.T.: 6.465 min
Delta R.T.: -0.007 min
Response: 32400698
Conc: 214.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
PB121519BS



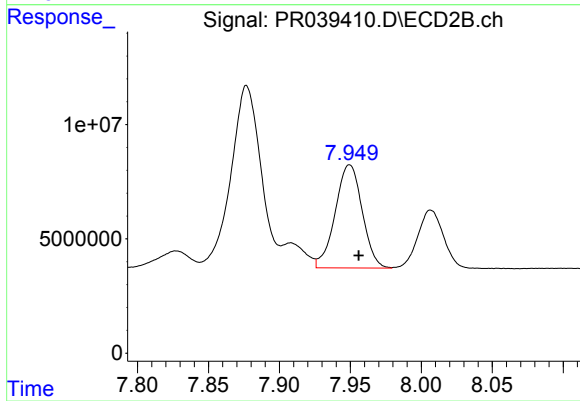
#32 AR-1260-2

R.T.: 7.594 min
Delta R.T.: -0.006 min
Response: 92774347
Conc: 212.10 ng/ml



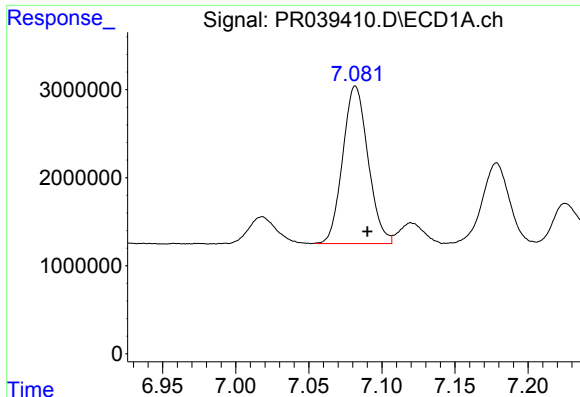
#33 AR-1260-3

R.T.: 6.617 min
Delta R.T.: -0.008 min
Response: 28637961
Conc: 212.79 ng/ml



#33 AR-1260-3

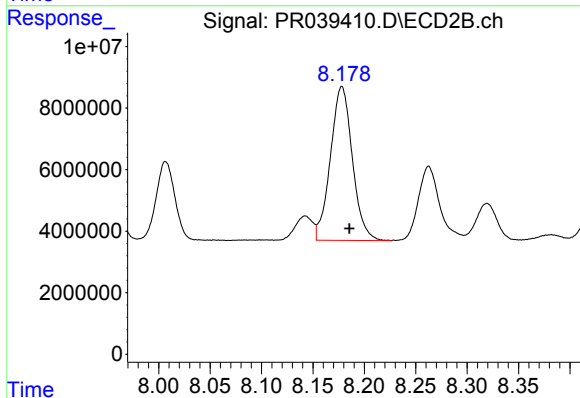
R.T.: 7.949 min
Delta R.T.: -0.006 min
Response: 59686030
Conc: 175.87 ng/ml



#34 AR-1260-4

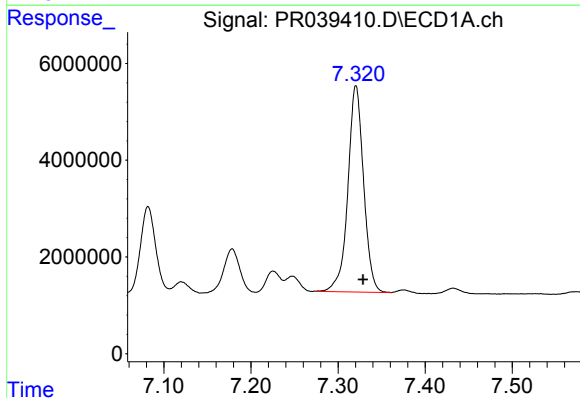
R.T.: 7.082 min
Delta R.T.: -0.008 min
Response: 21591924
Conc: 180.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
PB121519BS



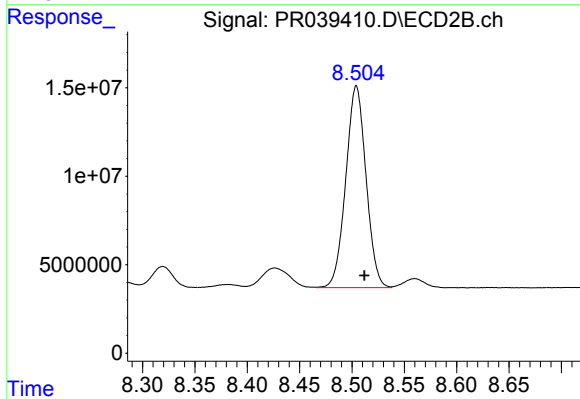
#34 AR-1260-4

R.T.: 8.178 min
Delta R.T.: -0.007 min
Response: 74395433
Conc: 183.07 ng/ml



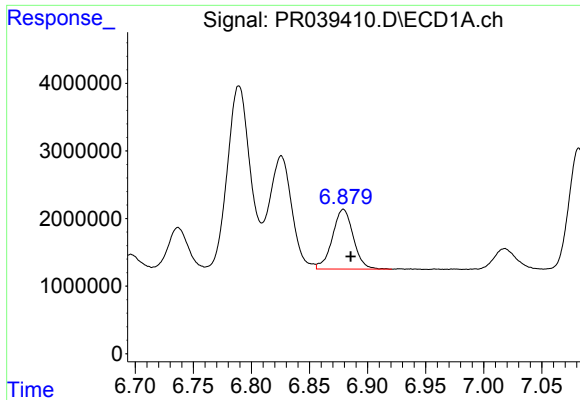
#35 AR-1260-5

R.T.: 7.321 min
Delta R.T.: -0.008 min
Response: 53487985
Conc: 177.98 ng/ml



#35 AR-1260-5

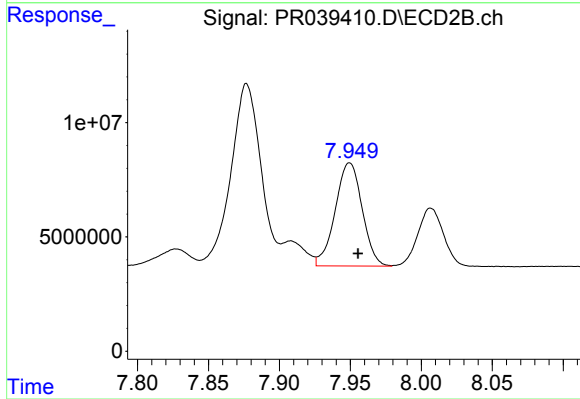
R.T.: 8.504 min
Delta R.T.: -0.008 min
Response: 153462997
Conc: 179.46 ng/ml



#36 AR-1262-1

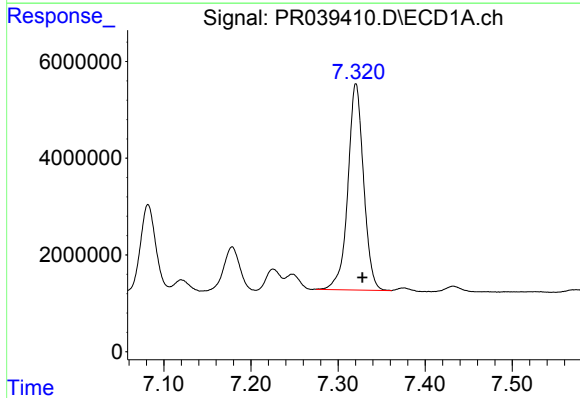
R.T.: 6.879 min
Delta R.T.: -0.006 min
Response: 11101023
Conc: 117.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
PB121519BS



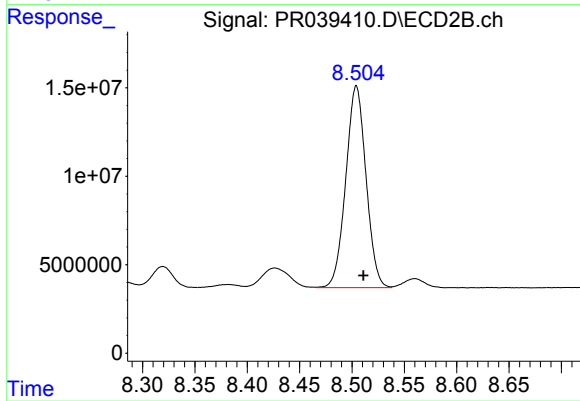
#36 AR-1262-1

R.T.: 7.949 min
Delta R.T.: -0.006 min
Response: 59686030
Conc: 85.95 ng/ml



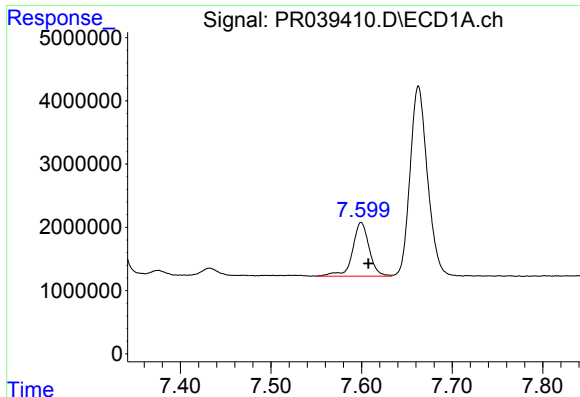
#37 AR-1262-2

R.T.: 7.321 min
Delta R.T.: -0.007 min
Response: 53487985
Conc: 109.94 ng/ml



#37 AR-1262-2

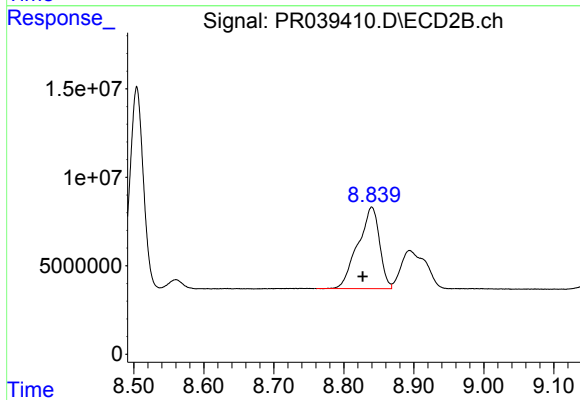
R.T.: 8.504 min
Delta R.T.: -0.007 min
Response: 153462997
Conc: 111.96 ng/ml



#38 AR-1262-3

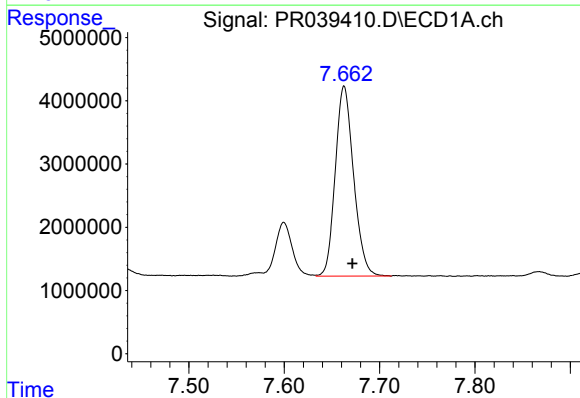
R.T.: 7.600 min
Delta R.T.: -0.008 min
Response: 10851498
Conc: 59.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
PB121519BS



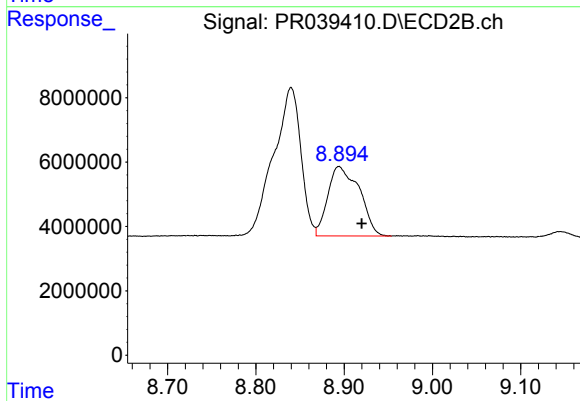
#38 AR-1262-3

R.T.: 8.840 min
Delta R.T.: 0.013 min
Response: 98889960
Conc: 109.78 ng/ml



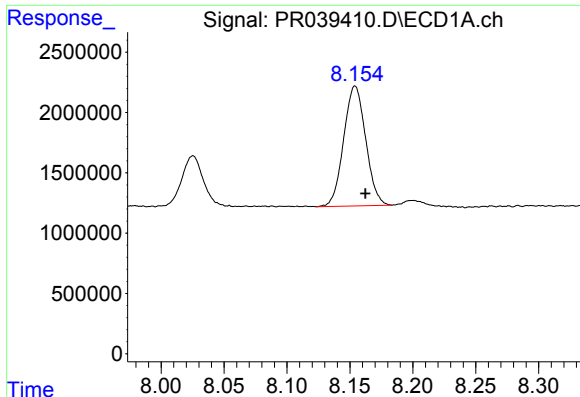
#39 AR-1262-4

R.T.: 7.663 min
Delta R.T.: -0.009 min
Response: 40093118
Conc: 112.69 ng/ml



#39 AR-1262-4

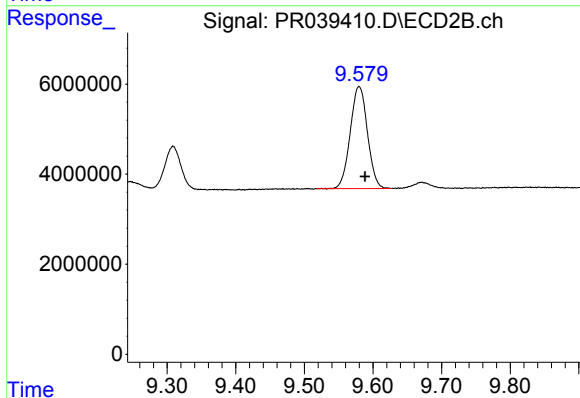
R.T.: 8.894 min
Delta R.T.: -0.026 min
Response: 53480985
Conc: 79.66 ng/ml



#40 AR-1262-5

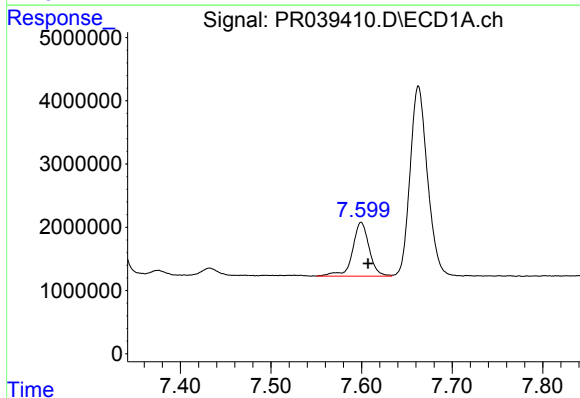
R.T.: 8.154 min
Delta R.T.: -0.008 min
Response: 12088907
Conc: 74.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
PB121519BS



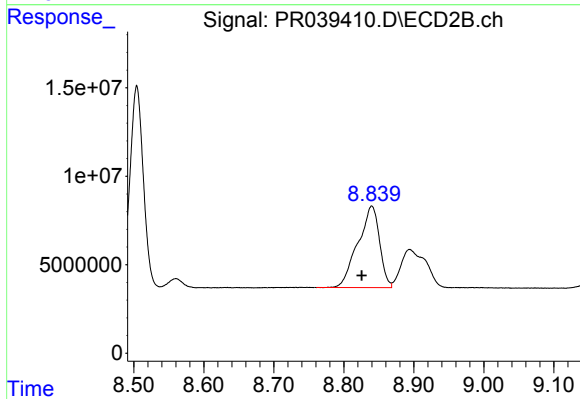
#40 AR-1262-5

R.T.: 9.580 min
Delta R.T.: -0.009 min
Response: 39609427
Conc: 80.91 ng/ml



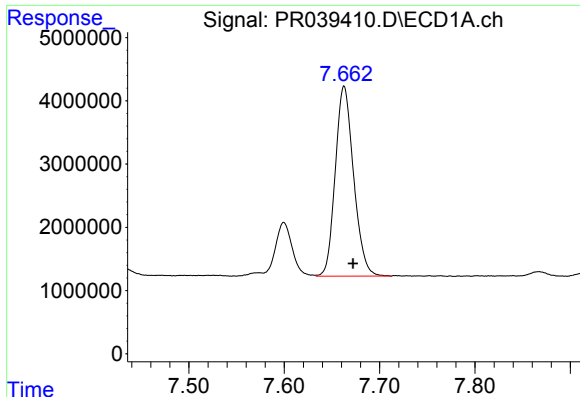
#41 AR-1268-1

R.T.: 7.600 min
Delta R.T.: -0.008 min
Response: 10851498
Conc: 20.10 ng/ml



#41 AR-1268-1

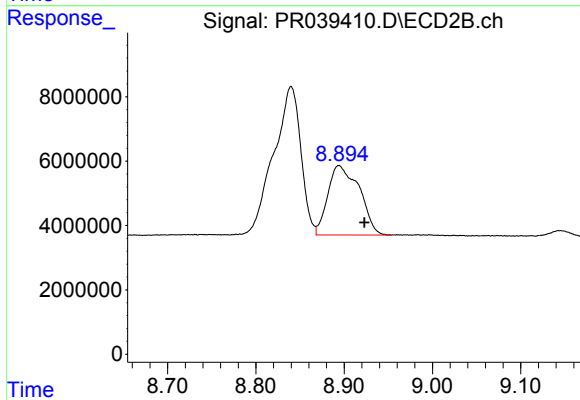
R.T.: 8.840 min
Delta R.T.: 0.014 min
Response: 98889960
Conc: 62.76 ng/ml



#42 AR-1268-2

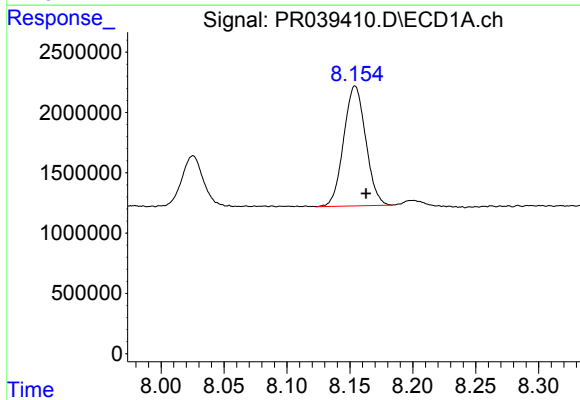
R.T.: 7.663 min
Delta R.T.: -0.009 min
Response: 40093118
Conc: 80.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
PB121519BS



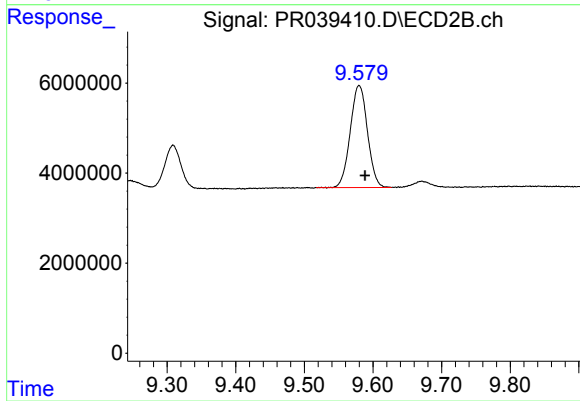
#42 AR-1268-2

R.T.: 8.894 min
Delta R.T.: -0.029 min
Response: 53480985
Conc: 36.46 ng/ml



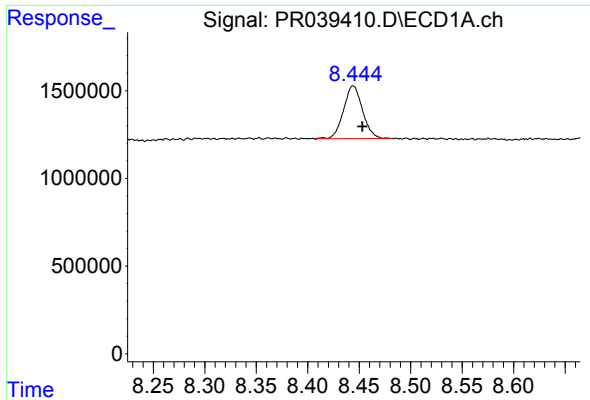
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: -0.009 min
Response: 12088907
Conc: 67.67 ng/ml



#44 AR-1268-4

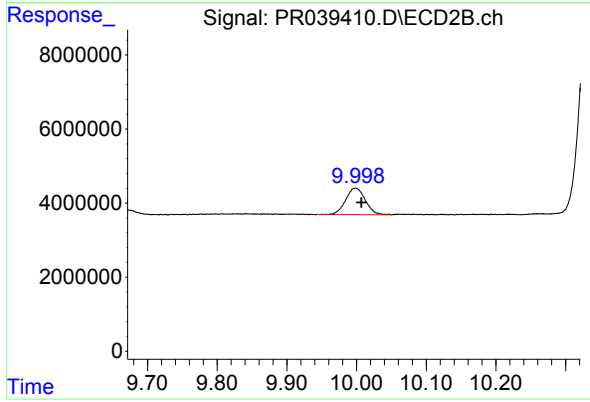
R.T.: 9.580 min
Delta R.T.: -0.009 min
Response: 39609427
Conc: 74.76 ng/ml



#45 AR-1268-5

R.T.: 8.444 min
Delta R.T.: -0.009 min
Response: 3842859
Conc: 2.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
PB121519BS



#45 AR-1268-5

R.T.: 9.999 min
Delta R.T.: -0.008 min
Response: 14008554
Conc: 3.27 ng/ml