

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR051219\
 Data File : PR037815.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2019 12:28
 Operator : SM\MA
 Sample : K2760-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 FK-0D015-03-005RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 21:54:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR051119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun May 12 00:51:44 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...	3.783	4.629	50330659	136.9E6	27.929	27.154
2)	SA Decachlor...	8.774	10.387	30105958	73247416	15.780	16.105
Target Compounds							
3)	L1 AR-1016-1	4.875	5.782	2147858	1958999	27.547	10.415 #
4)	L1 AR-1016-2	4.875	5.806	2147858	1893441	19.927	6.990 #
5)	L1 AR-1016-3	5.053	5.806	3019060	1893441	53.228	11.630 #
6)	L1 AR-1016-4	5.090	5.985	8528773	9227096	186.608	67.019 #
7)	L1 AR-1016-5	5.303	6.256	8486024	16135419	136.824	118.784
8)	L2 AR-1221-1	4.048	0.000	572629	0	27.428	N.D. #
9)	L2 AR-1221-2	4.048	4.932	572629	456705	36.328	11.772 #
10)	L2 AR-1221-3	4.198	4.932	1711045	456705	33.928	3.541 #
11)	L3 AR-1232-1	4.198	4.932	1711045	456705	31.059	3.163 #
12)	L3 AR-1232-2	4.875	0.000	2147858	0	31.576	N.D. #
13)	L3 AR-1232-3	5.053	5.806	3019060	1893441	85.426	11.156 #
14)	L3 AR-1232-4	5.131	5.985	4484722	9227096	145.367	108.279 #
15)	L3 AR-1232-5	5.303	6.052	8486024	15843328	241.608	262.839
16)	L4 AR-1242-1	4.875	5.782	2147858	1958999	35.397	13.470 #
17)	L4 AR-1242-2	4.875	5.806	2147858	1893441	25.783	9.007 #
18)	L4 AR-1242-3	5.053	5.806	3019060	1893441	67.893	14.851 #
19)	L4 AR-1242-4	5.131	5.985	4484722	9227096	104.642	86.287
20)	L4 AR-1242-5	5.651	6.695	21681148	17835846	348.423	144.182 #
21)	L5 AR-1248-1	4.875	5.782	2147858	1958999	45.035	17.213 #
22)	L5 AR-1248-2	5.090	6.052	8528773	15843328	138.220	102.227 #
23)	L5 AR-1248-3	5.131	6.256	4484722	16135419	70.809	88.531 #
24)	L5 AR-1248-4	5.303	6.652	8486024	18970967	105.307	86.799
25)	L5 AR-1248-5	5.677	6.695	24382795	17835846	286.948	85.683 #
26)	L6 AR-1254-1	5.651	6.629	21681148	71048336	146.455	294.995 #
27)	L6 AR-1254-2	5.796	6.843	22170129	54740352	172.171	143.381
28)	L6 AR-1254-3	6.196	7.210	32217104	95037555	145.944	224.882 #
29)	L6 AR-1254-4	6.423	7.490	26696182	72146005	176.339	233.512 #
30)	L6 AR-1254-5	6.839	7.905	25575237	60704716	130.527	181.703 #
31)	L7 AR-1260-1	6.326	7.369	16389750	30888803	136.572	124.810
32)	L7 AR-1260-2	6.510	7.621	24842209	44398569	158.478	150.946
33)	L7 AR-1260-3	6.664	7.971	14760193	9039049	111.645	41.400 #
34)	L7 AR-1260-4	7.135	8.199	2344146	26156811	22.001	102.367 #
35)	L7 AR-1260-5	7.373	8.535	3913142	11293290	13.929	21.738 #
36)	L8 AR-1262-1	6.930	7.971	850135	9039049	12.717	28.609 #
37)	L8 AR-1262-2	7.373	8.535	3913142	11293290	11.981	18.125 #
38)	L8 AR-1262-3	7.690	8.873	14275910	8564403	113.959	20.433 #
39)	L8 AR-1262-4	7.717	8.926	12964541	4213431	55.757	13.204 #
40)	L8 AR-1262-5	8.220	0.000	762493	0	7.107	N.D. #
41)	L9 AR-1268-1	7.690	8.873	14275910	8564403	32.764	8.548 #

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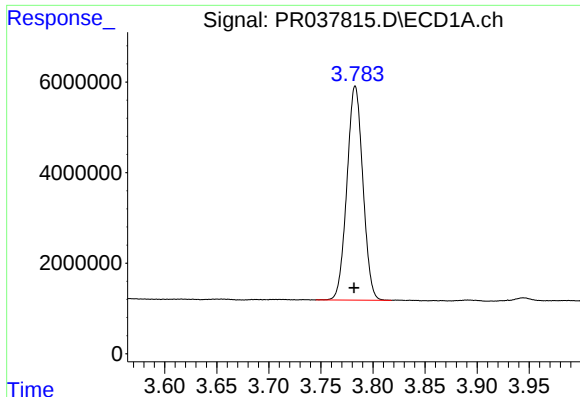
Instrument :
 ECD_R
 ClientSampleId :
 FK-0D015-03-005RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 21:54:08 2019
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 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	7.717	8.926	12964541	4213431	32.966	4.661 #
44) L9	AR-1268-4	8.220	0.000	762493	0	5.943	N.D. #
45) L9	AR-1268-5	8.513	0.000	2307756	0	2.476	N.D. #

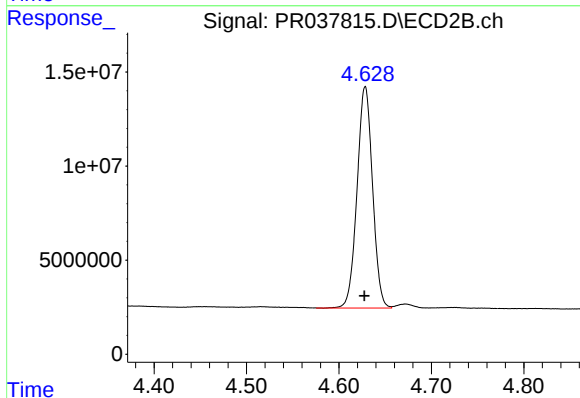
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

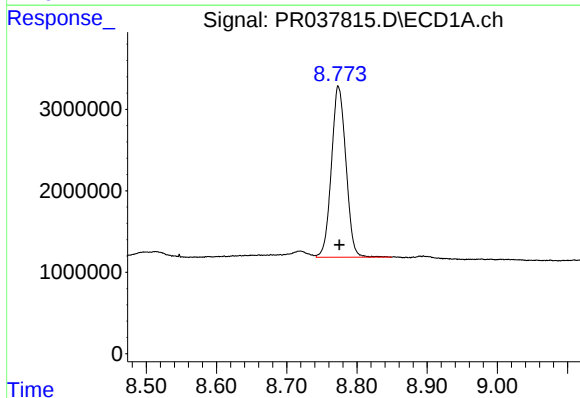
R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 50330659
Conc: 27.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
FK-0D015-03-005RE



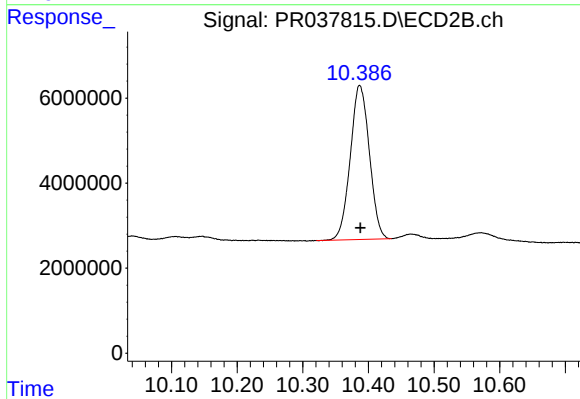
#1 Tetrachloro-m-xylene

R.T.: 4.629 min
Delta R.T.: 0.000 min
Response: 136932773
Conc: 27.15 ng/ml



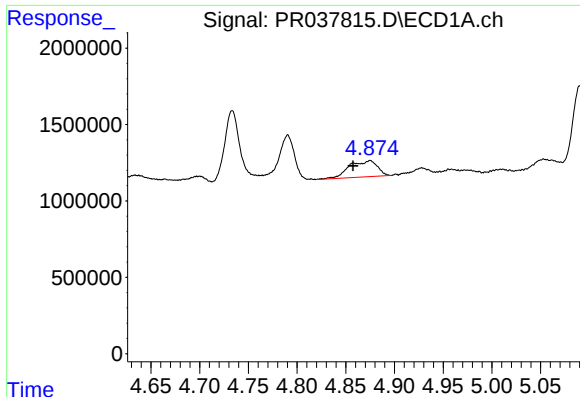
#2 Decachlorobiphenyl

R.T.: 8.774 min
Delta R.T.: -0.002 min
Response: 30105958
Conc: 15.78 ng/ml



#2 Decachlorobiphenyl

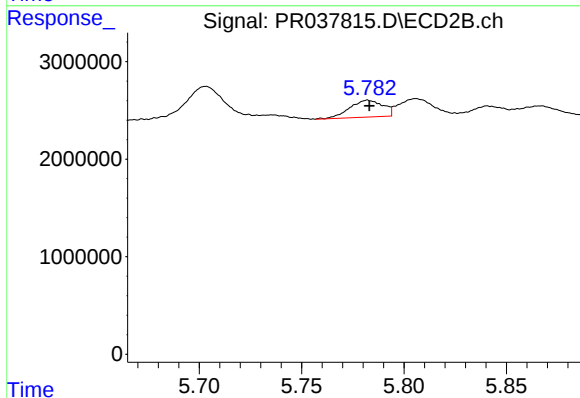
R.T.: 10.387 min
Delta R.T.: 0.000 min
Response: 73247416
Conc: 16.11 ng/ml



#3 AR-1016-1

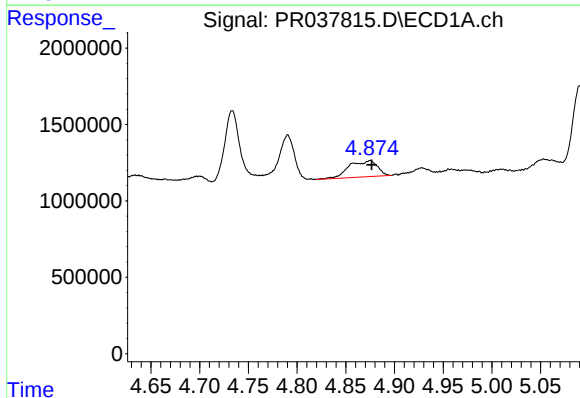
R.T.: 4.875 min
Delta R.T.: 0.018 min
Response: 2147858
Conc: 27.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
FK-0D015-03-005RE



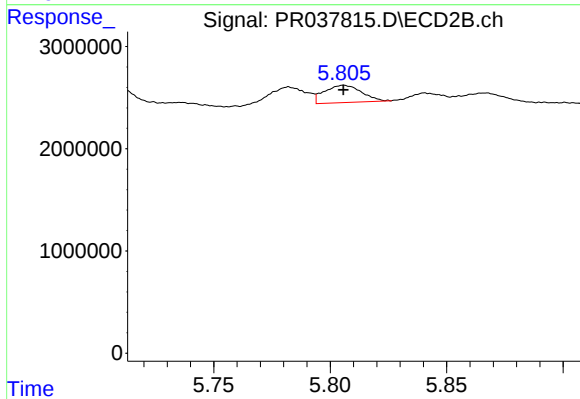
#3 AR-1016-1

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 1958999
Conc: 10.42 ng/ml



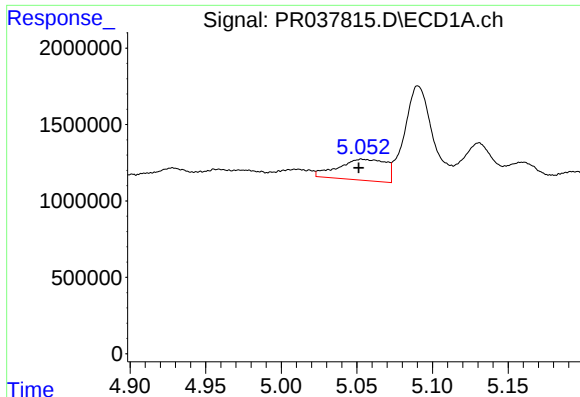
#4 AR-1016-2

R.T.: 4.875 min
Delta R.T.: -0.001 min
Response: 2147858
Conc: 19.93 ng/ml



#4 AR-1016-2

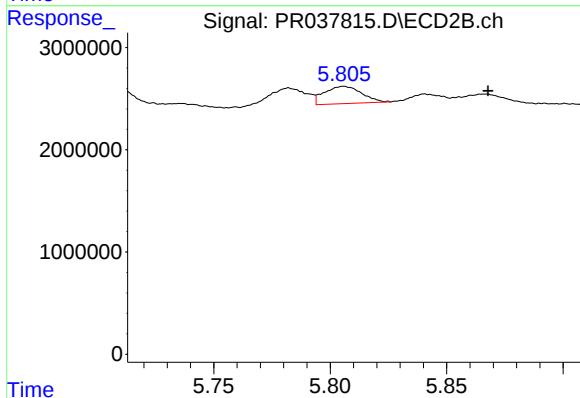
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 1893441
Conc: 6.99 ng/ml



#5 AR-1016-3

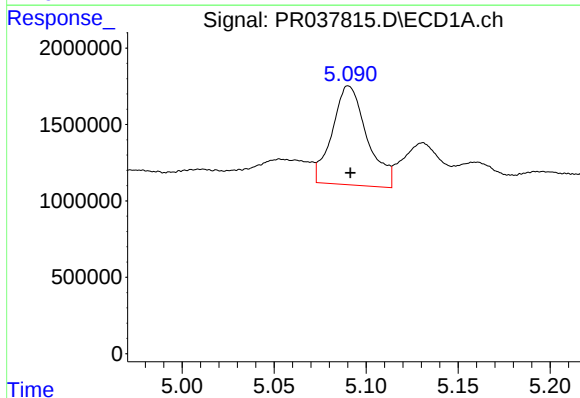
R.T.: 5.053 min
Delta R.T.: 0.002 min
Response: 3019060
Conc: 53.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
FK-0D015-03-005RE



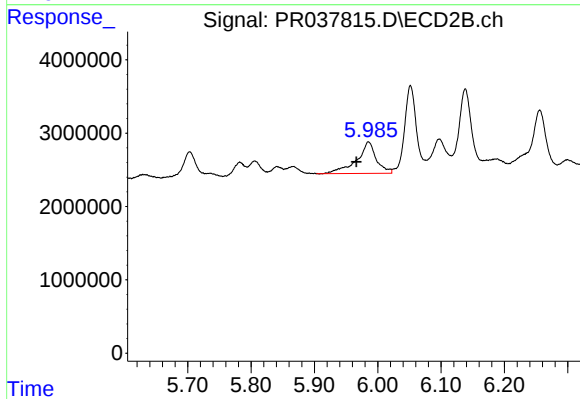
#5 AR-1016-3

R.T.: 5.806 min
Delta R.T.: -0.062 min
Response: 1893441
Conc: 11.63 ng/ml



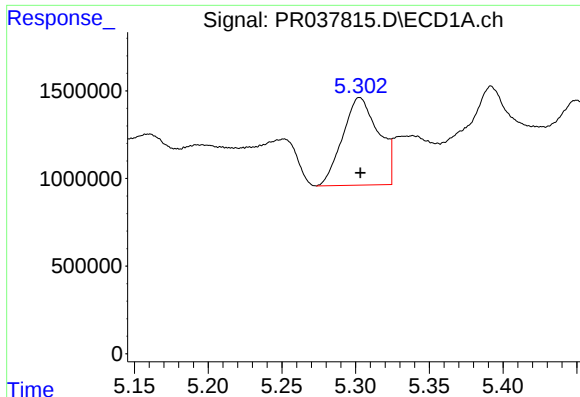
#6 AR-1016-4

R.T.: 5.090 min
Delta R.T.: -0.001 min
Response: 8528773
Conc: 186.61 ng/ml



#6 AR-1016-4

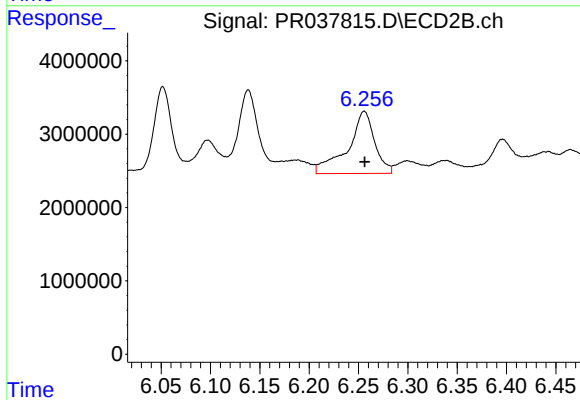
R.T.: 5.985 min
Delta R.T.: 0.019 min
Response: 9227096
Conc: 67.02 ng/ml



#7 AR-1016-5

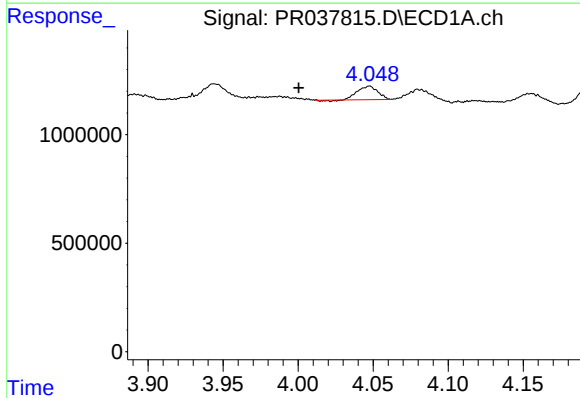
R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 8486024
Conc: 136.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
FK-0D015-03-005RE



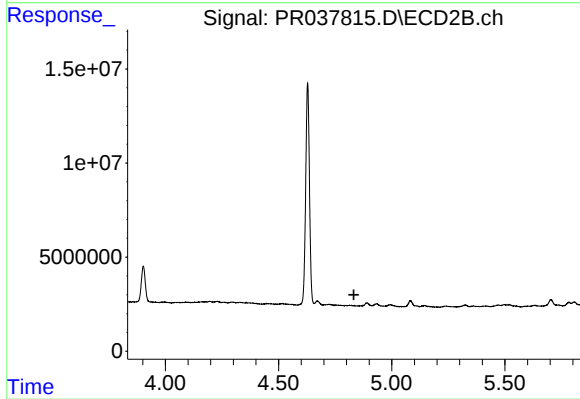
#7 AR-1016-5

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 16135419
Conc: 118.78 ng/ml



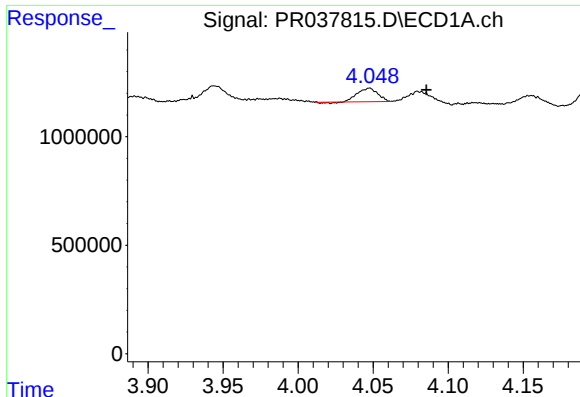
#8 AR-1221-1

R.T.: 4.048 min
Delta R.T.: 0.047 min
Response: 572629
Conc: 27.43 ng/ml



#8 AR-1221-1

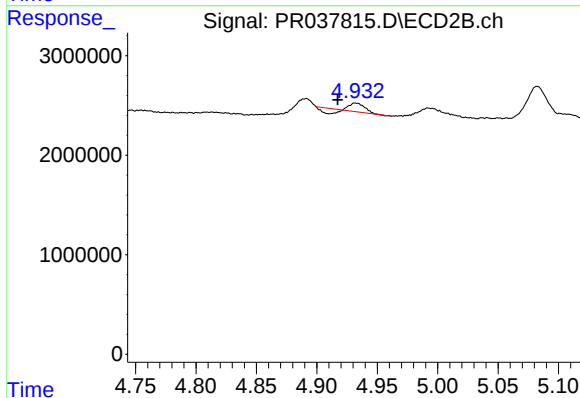
R.T.: 0.000 min
Exp R.T. : 4.833 min
Response: 0
Conc: N.D.



#9 AR-1221-2

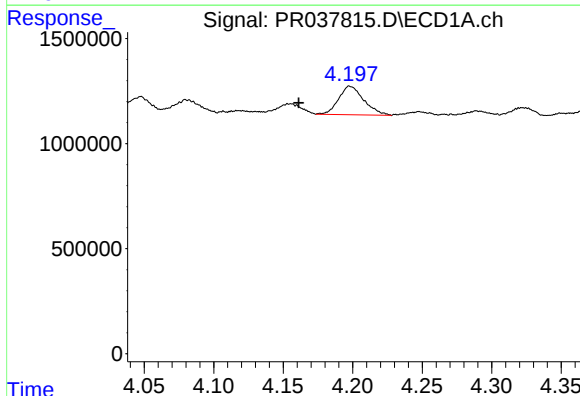
R.T.: 4.048 min
Delta R.T.: -0.038 min
Response: 572629
Conc: 36.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
FK-0D015-03-005RE



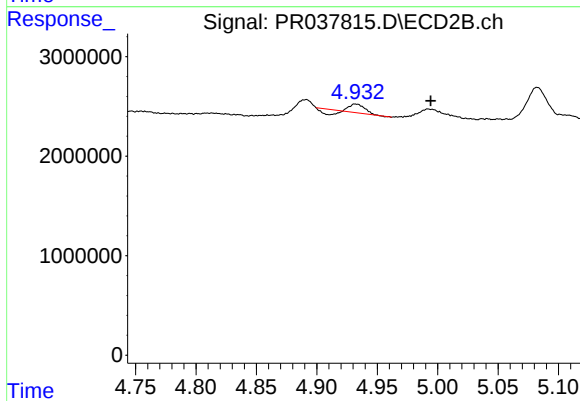
#9 AR-1221-2

R.T.: 4.932 min
Delta R.T.: 0.014 min
Response: 456705
Conc: 11.77 ng/ml



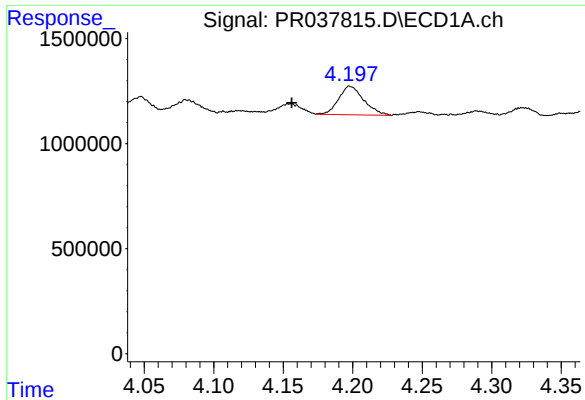
#10 AR-1221-3

R.T.: 4.198 min
Delta R.T.: 0.036 min
Response: 1711045
Conc: 33.93 ng/ml



#10 AR-1221-3

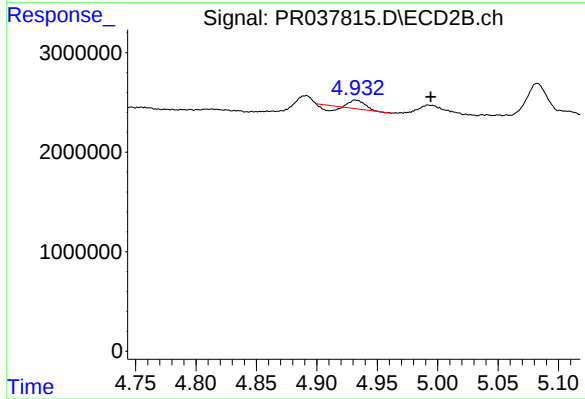
R.T.: 4.932 min
Delta R.T.: -0.063 min
Response: 456705
Conc: 3.54 ng/ml



#11 AR-1232-1

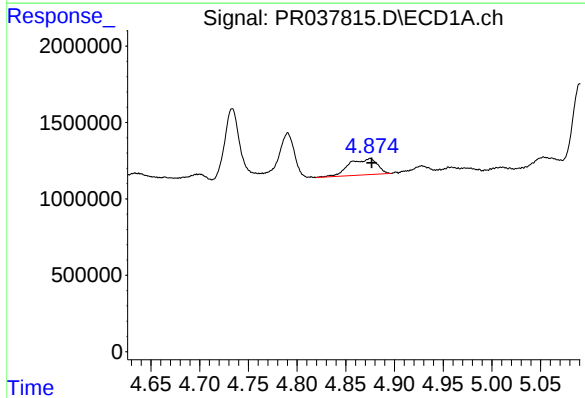
R.T.: 4.198 min
Delta R.T.: 0.041 min
Response: 1711045
Conc: 31.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
FK-0D015-03-005RE



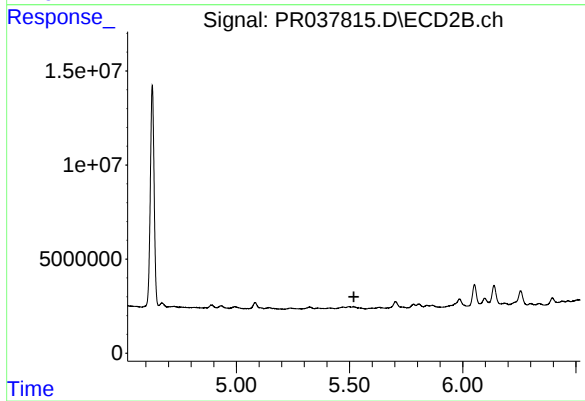
#11 AR-1232-1

R.T.: 4.932 min
Delta R.T.: -0.063 min
Response: 456705
Conc: 3.16 ng/ml



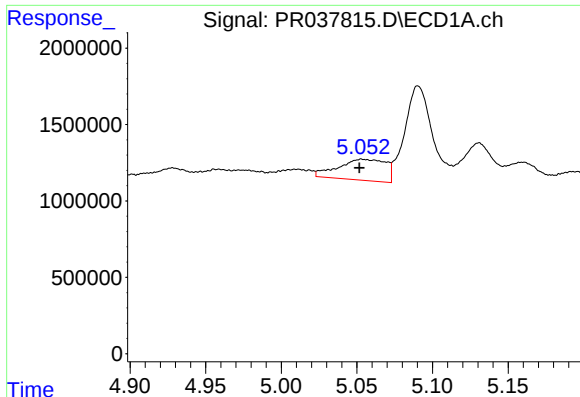
#12 AR-1232-2

R.T.: 4.875 min
Delta R.T.: -0.002 min
Response: 2147858
Conc: 31.58 ng/ml



#12 AR-1232-2

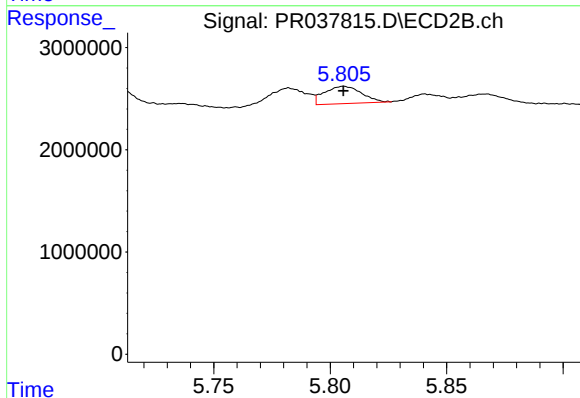
R.T.: 0.000 min
Exp R.T.: 5.519 min
Response: 0
Conc: N.D.



#13 AR-1232-3

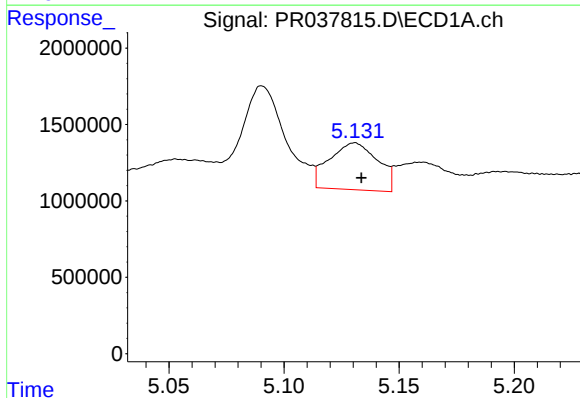
R.T.: 5.053 min
Delta R.T.: 0.001 min
Response: 3019060
Conc: 85.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
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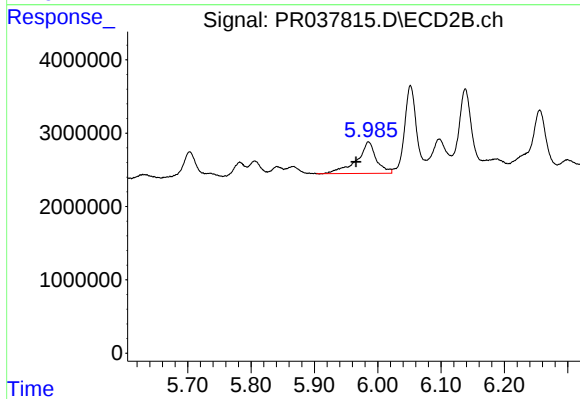
#13 AR-1232-3

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 1893441
Conc: 11.16 ng/ml



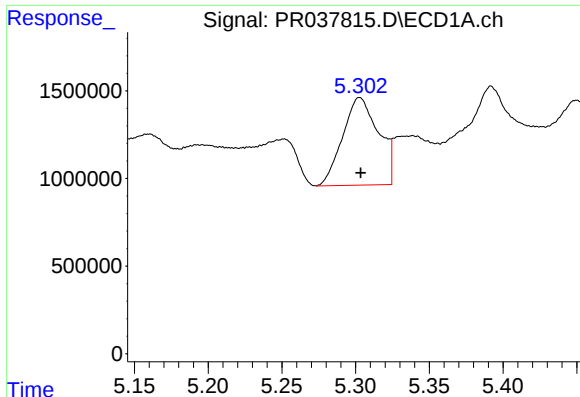
#14 AR-1232-4

R.T.: 5.131 min
Delta R.T.: -0.003 min
Response: 4484722
Conc: 145.37 ng/ml



#14 AR-1232-4

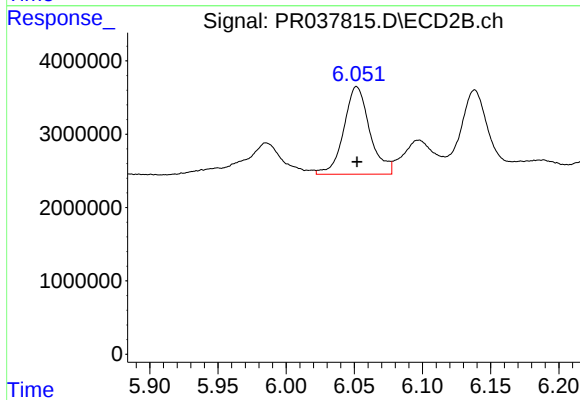
R.T.: 5.985 min
Delta R.T.: 0.019 min
Response: 9227096
Conc: 108.28 ng/ml



#15 AR-1232-5

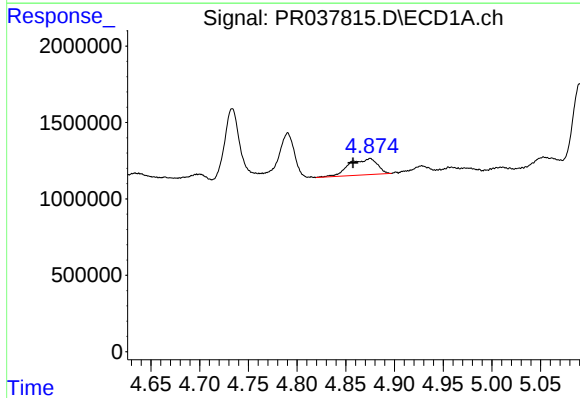
R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 8486024
Conc: 241.61 ng/ml

Instrument :
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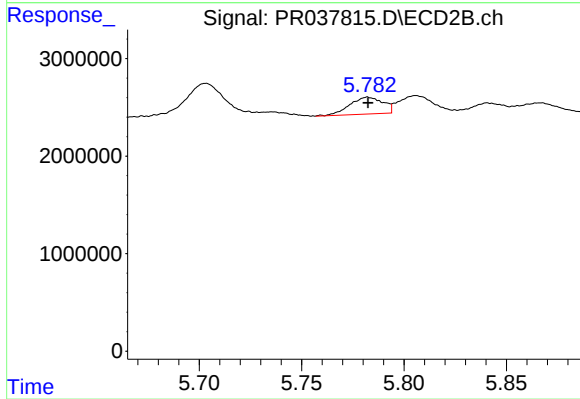
#15 AR-1232-5

R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 15843328
Conc: 262.84 ng/ml



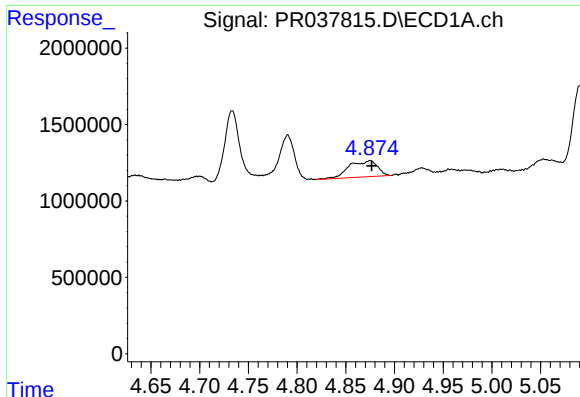
#16 AR-1242-1

R.T.: 4.875 min
Delta R.T.: 0.018 min
Response: 2147858
Conc: 35.40 ng/ml



#16 AR-1242-1

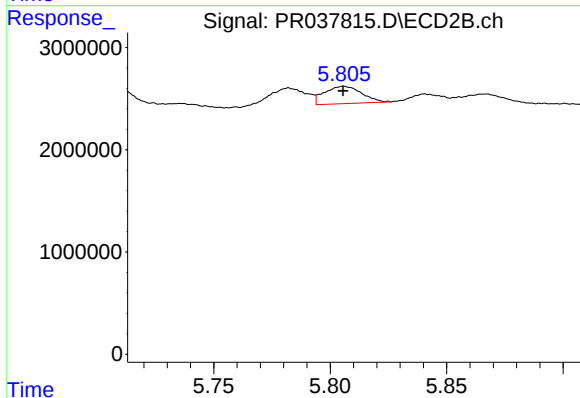
R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 1958999
Conc: 13.47 ng/ml



#17 AR-1242-2

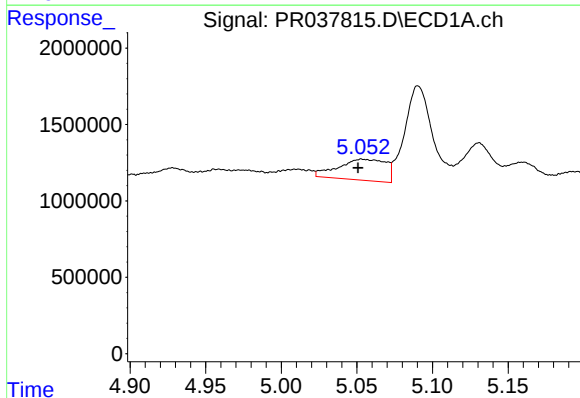
R.T.: 4.875 min
Delta R.T.: -0.001 min
Response: 2147858
Conc: 25.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
FK-0D015-03-005RE



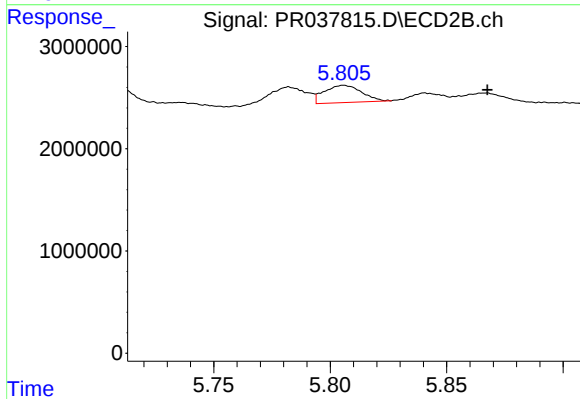
#17 AR-1242-2

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 1893441
Conc: 9.01 ng/ml



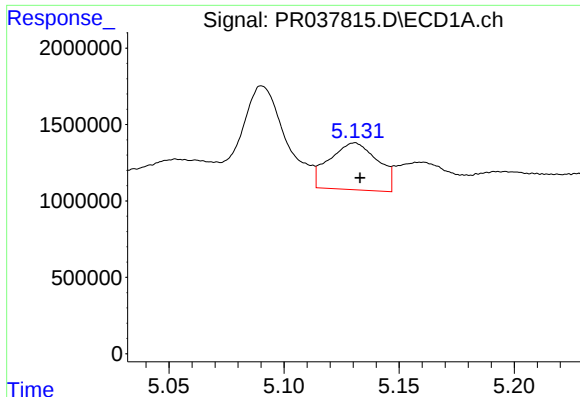
#18 AR-1242-3

R.T.: 5.053 min
Delta R.T.: 0.002 min
Response: 3019060
Conc: 67.89 ng/ml



#18 AR-1242-3

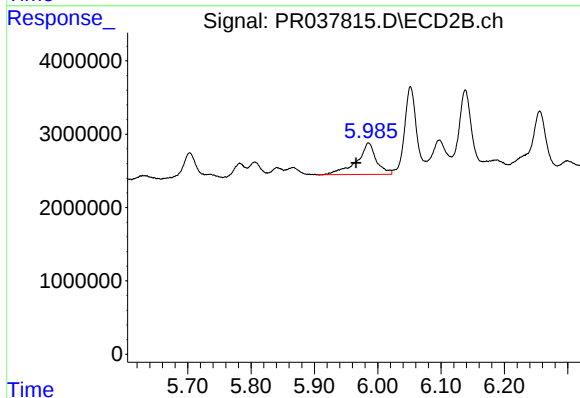
R.T.: 5.806 min
Delta R.T.: -0.062 min
Response: 1893441
Conc: 14.85 ng/ml



#19 AR-1242-4

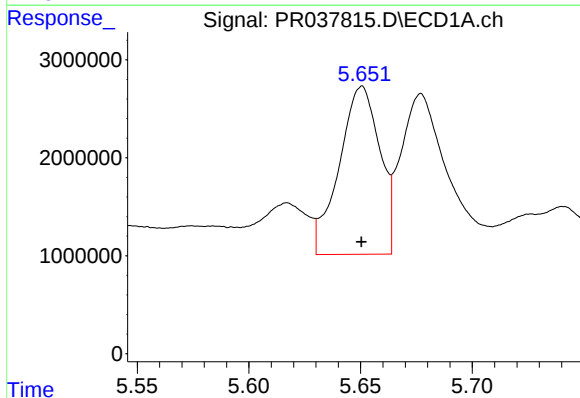
R.T.: 5.131 min
Delta R.T.: -0.002 min
Response: 4484722
Conc: 104.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
FK-0D015-03-005RE



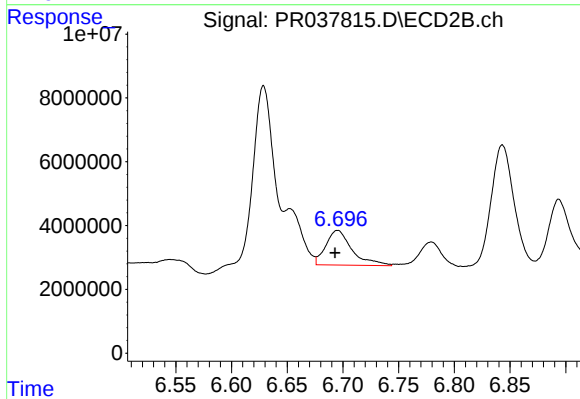
#19 AR-1242-4

R.T.: 5.985 min
Delta R.T.: 0.019 min
Response: 9227096
Conc: 86.29 ng/ml



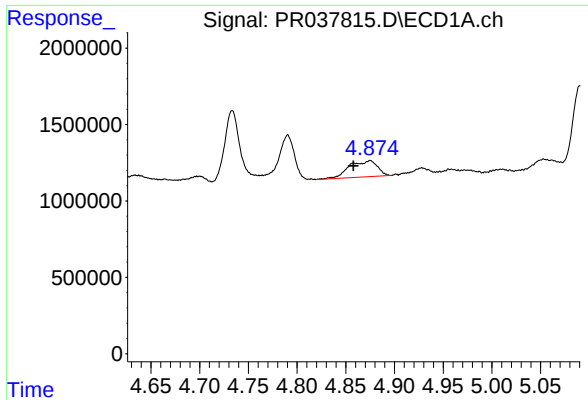
#20 AR-1242-5

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 21681148
Conc: 348.42 ng/ml



#20 AR-1242-5

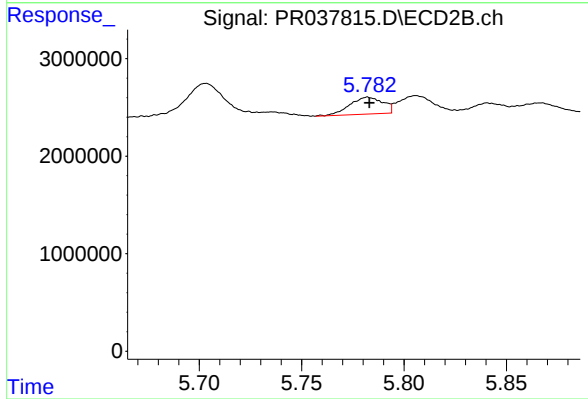
R.T.: 6.695 min
Delta R.T.: 0.002 min
Response: 17835846
Conc: 144.18 ng/ml



#21 AR-1248-1

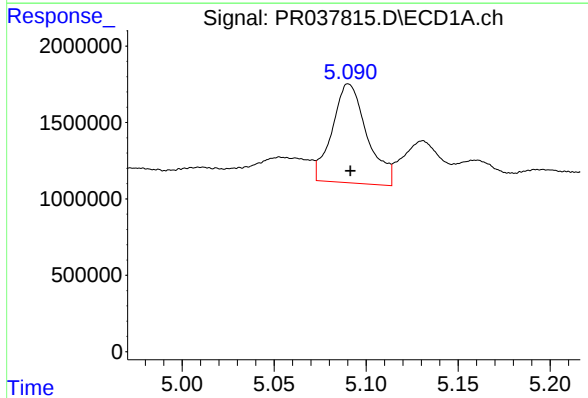
R.T.: 4.875 min
Delta R.T.: 0.017 min
Response: 2147858
Conc: 45.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
FK-0D015-03-005RE



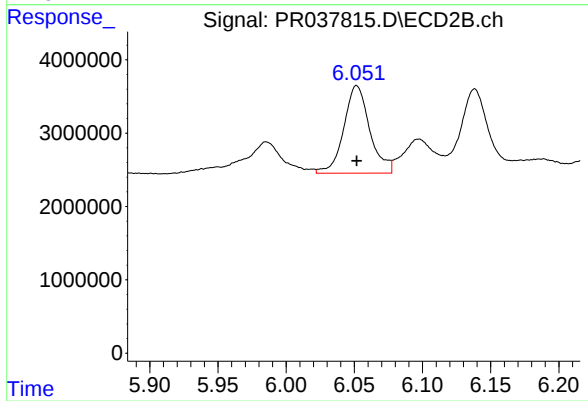
#21 AR-1248-1

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 1958999
Conc: 17.21 ng/ml



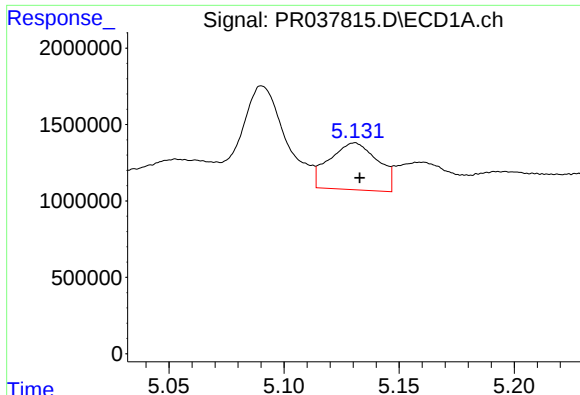
#22 AR-1248-2

R.T.: 5.090 min
Delta R.T.: -0.001 min
Response: 8528773
Conc: 138.22 ng/ml



#22 AR-1248-2

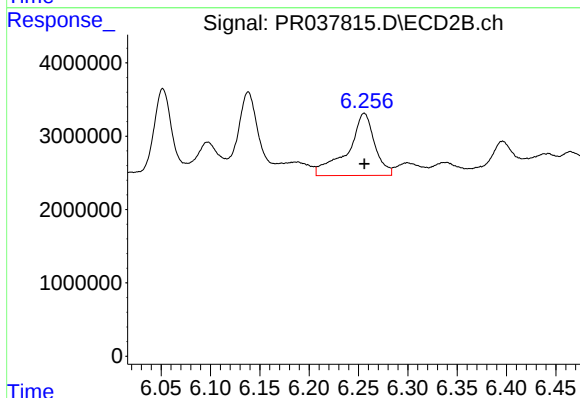
R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 15843328
Conc: 102.23 ng/ml



#23 AR-1248-3

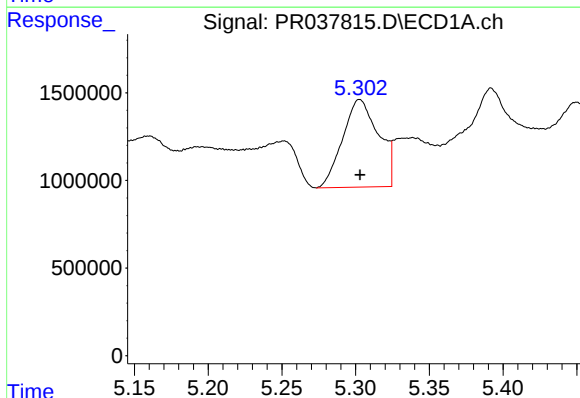
R.T.: 5.131 min
Delta R.T.: -0.002 min
Response: 4484722
Conc: 70.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
FK-0D015-03-005RE



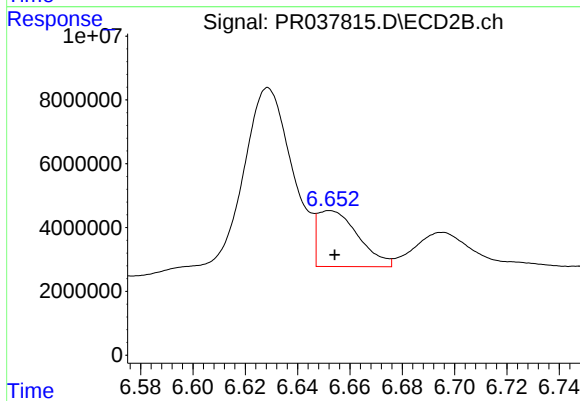
#23 AR-1248-3

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 16135419
Conc: 88.53 ng/ml



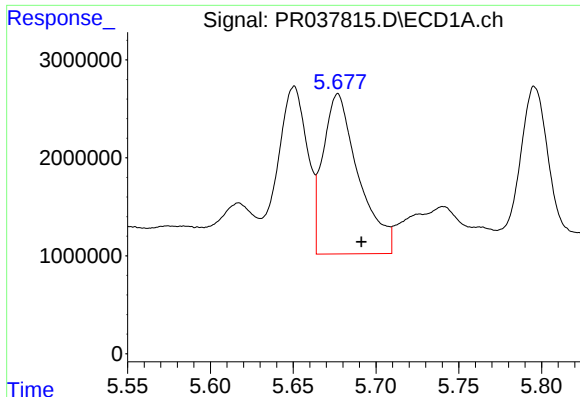
#24 AR-1248-4

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 8486024
Conc: 105.31 ng/ml



#24 AR-1248-4

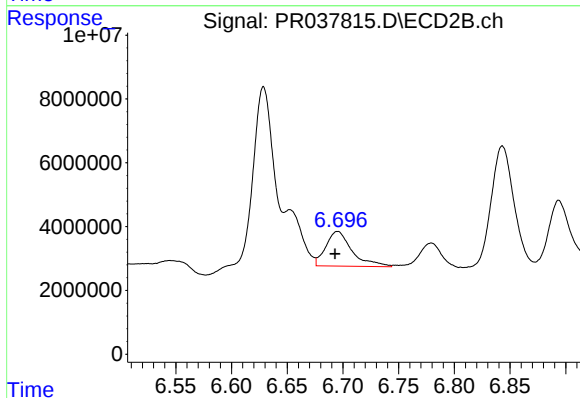
R.T.: 6.652 min
Delta R.T.: -0.002 min
Response: 18970967
Conc: 86.80 ng/ml



#25 AR-1248-5

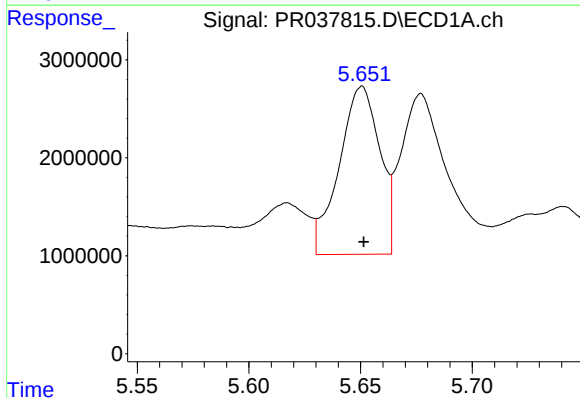
R.T.: 5.677 min
Delta R.T.: -0.014 min
Response: 24382795
Conc: 286.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
FK-0D015-03-005RE



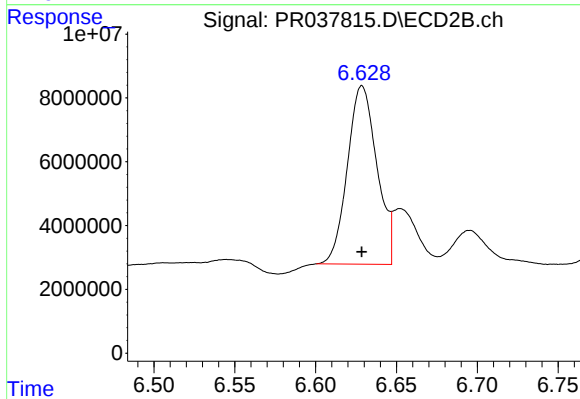
#25 AR-1248-5

R.T.: 6.695 min
Delta R.T.: 0.003 min
Response: 17835846
Conc: 85.68 ng/ml



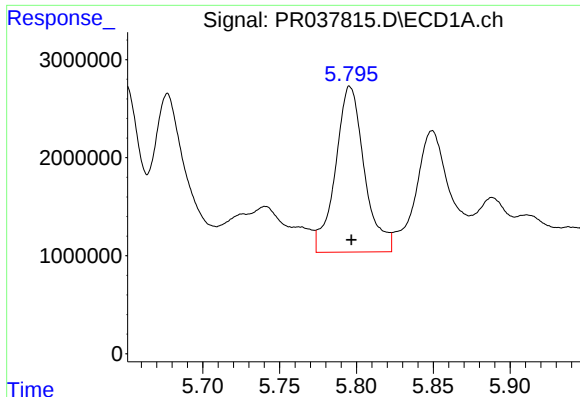
#26 AR-1254-1

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 21681148
Conc: 146.46 ng/ml



#26 AR-1254-1

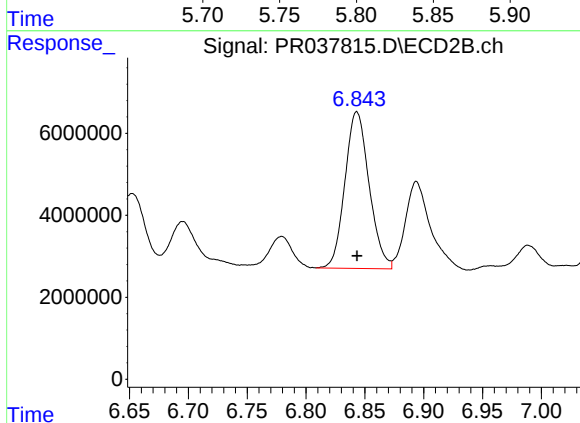
R.T.: 6.629 min
Delta R.T.: 0.000 min
Response: 71048336
Conc: 294.99 ng/ml



#27 AR-1254-2

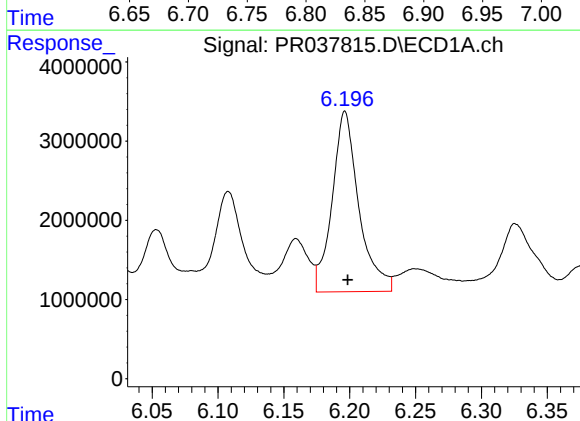
R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 22170129
Conc: 172.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
FK-0D015-03-005RE



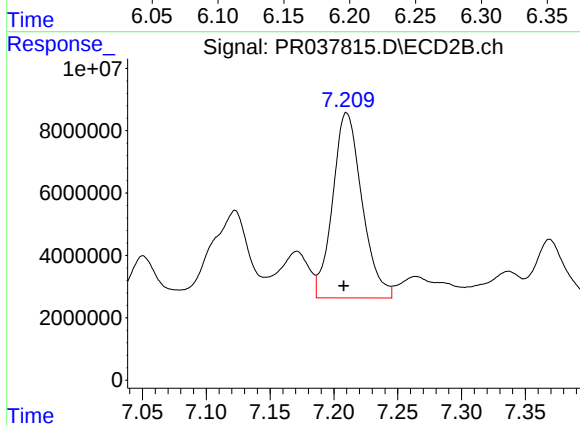
#27 AR-1254-2

R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 54740352
Conc: 143.38 ng/ml



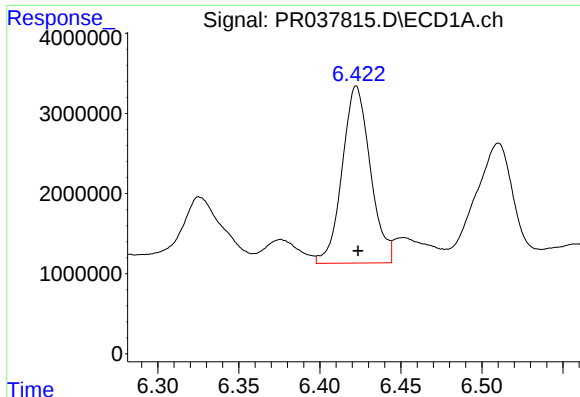
#28 AR-1254-3

R.T.: 6.196 min
Delta R.T.: -0.002 min
Response: 32217104
Conc: 145.94 ng/ml



#28 AR-1254-3

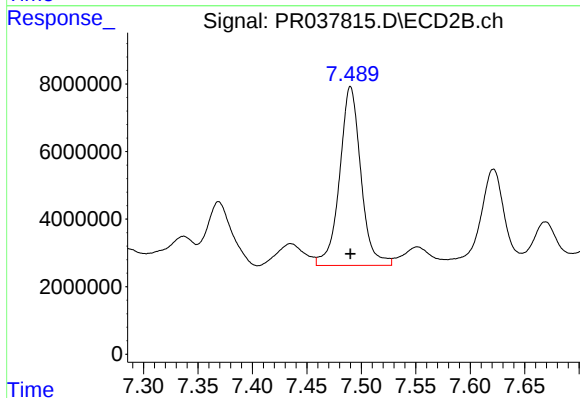
R.T.: 7.210 min
Delta R.T.: 0.002 min
Response: 95037555
Conc: 224.88 ng/ml



#29 AR-1254-4

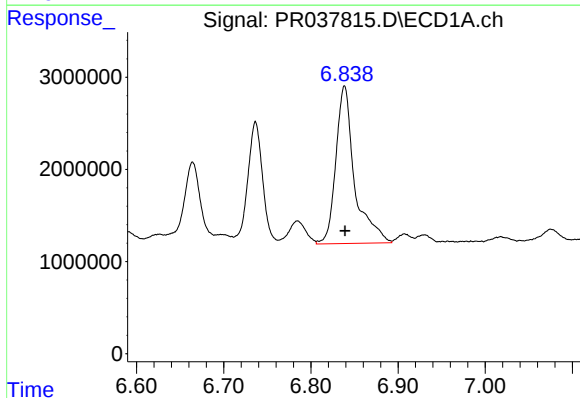
R.T.: 6.423 min
Delta R.T.: -0.001 min
Response: 26696182
Conc: 176.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
FK-0D015-03-005RE



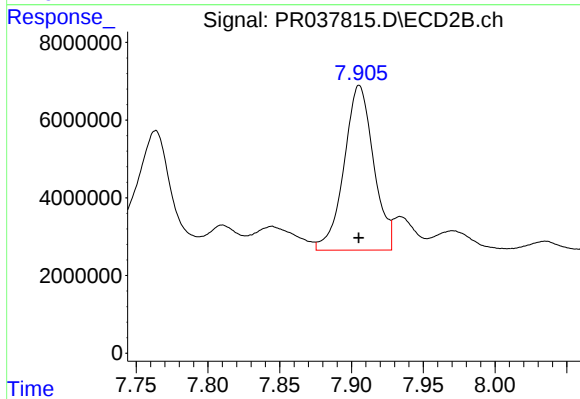
#29 AR-1254-4

R.T.: 7.490 min
Delta R.T.: 0.000 min
Response: 72146005
Conc: 233.51 ng/ml



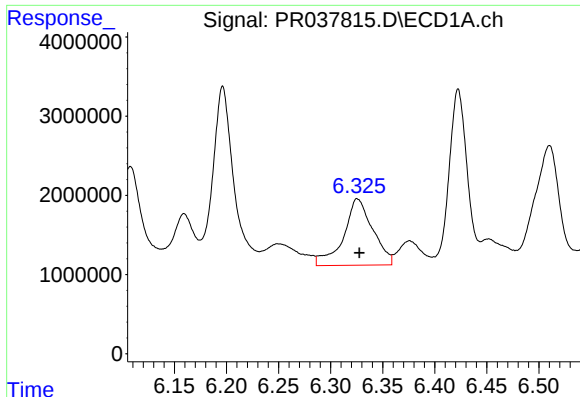
#30 AR-1254-5

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 25575237
Conc: 130.53 ng/ml



#30 AR-1254-5

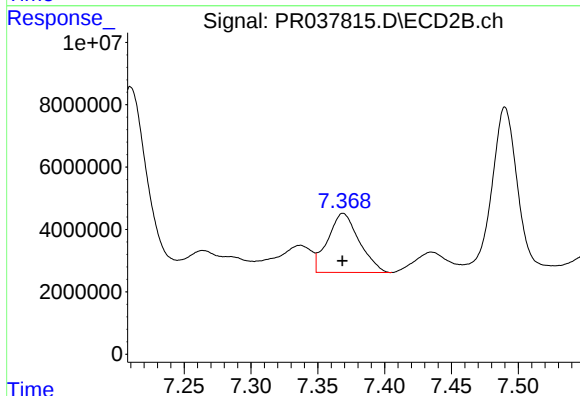
R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 60704716
Conc: 181.70 ng/ml



#31 AR-1260-1

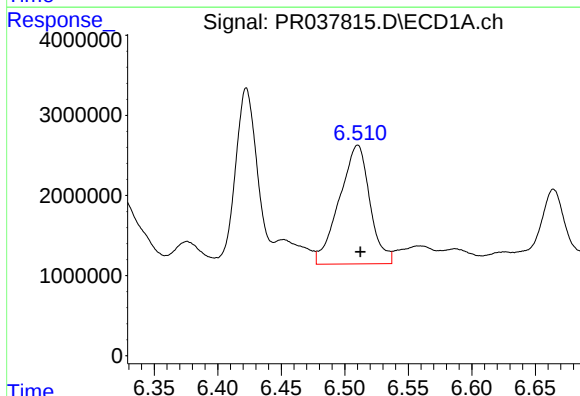
R.T.: 6.326 min
Delta R.T.: -0.002 min
Response: 16389750
Conc: 136.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
FK-0D015-03-005RE



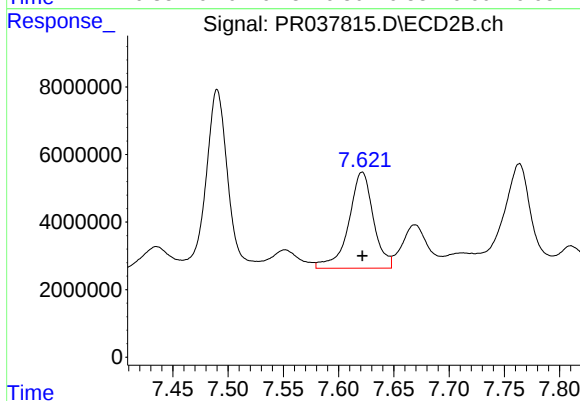
#31 AR-1260-1

R.T.: 7.369 min
Delta R.T.: 0.000 min
Response: 30888803
Conc: 124.81 ng/ml



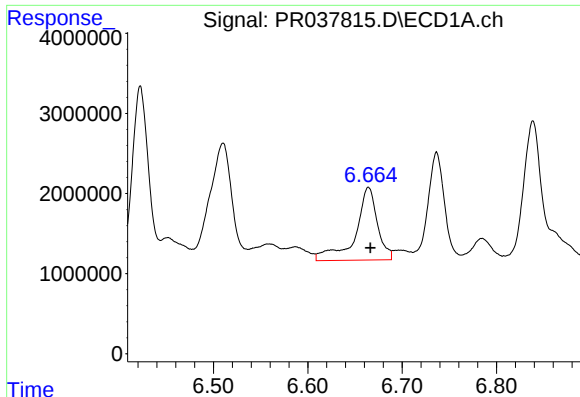
#32 AR-1260-2

R.T.: 6.510 min
Delta R.T.: -0.002 min
Response: 24842209
Conc: 158.48 ng/ml



#32 AR-1260-2

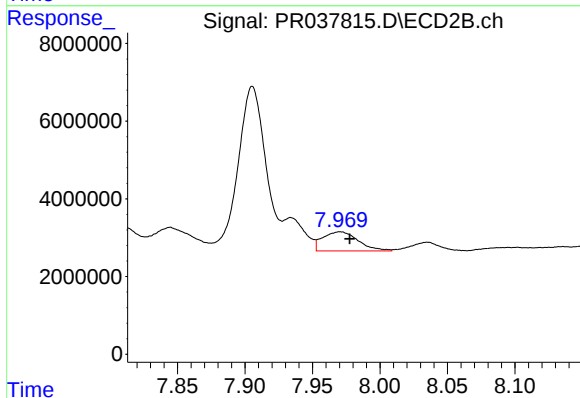
R.T.: 7.621 min
Delta R.T.: 0.000 min
Response: 44398569
Conc: 150.95 ng/ml



#33 AR-1260-3

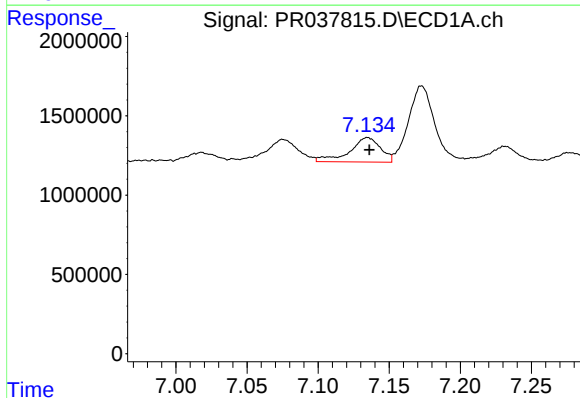
R.T.: 6.664 min
Delta R.T.: -0.002 min
Response: 14760193
Conc: 111.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
FK-0D015-03-005RE



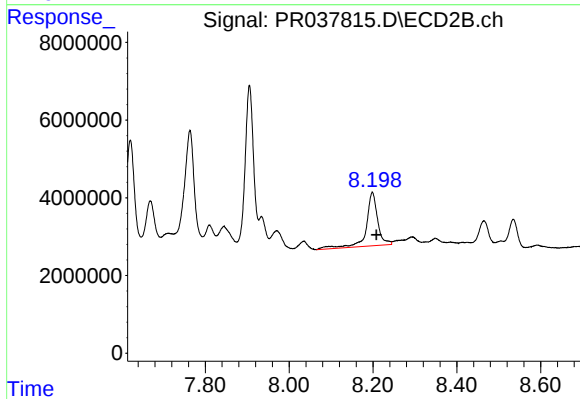
#33 AR-1260-3

R.T.: 7.971 min
Delta R.T.: -0.007 min
Response: 9039049
Conc: 41.40 ng/ml



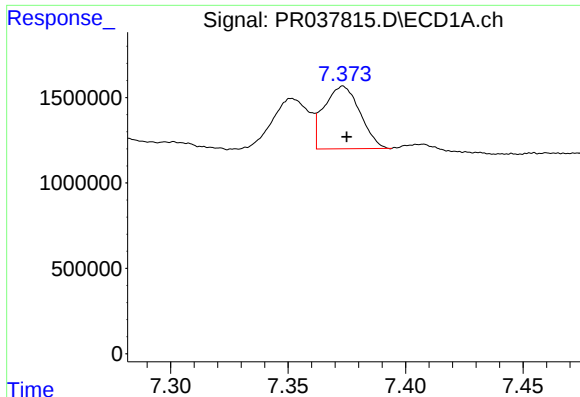
#34 AR-1260-4

R.T.: 7.135 min
Delta R.T.: -0.001 min
Response: 2344146
Conc: 22.00 ng/ml



#34 AR-1260-4

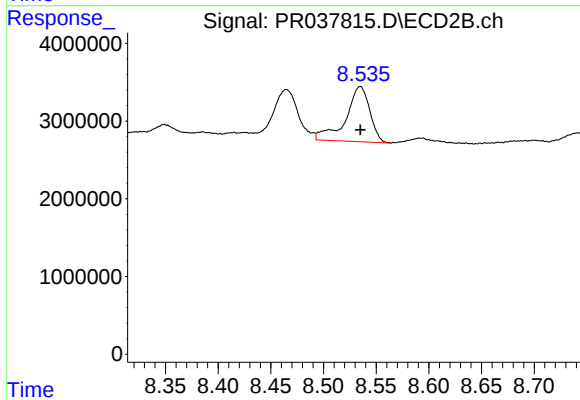
R.T.: 8.199 min
Delta R.T.: -0.009 min
Response: 26156811
Conc: 102.37 ng/ml



#35 AR-1260-5

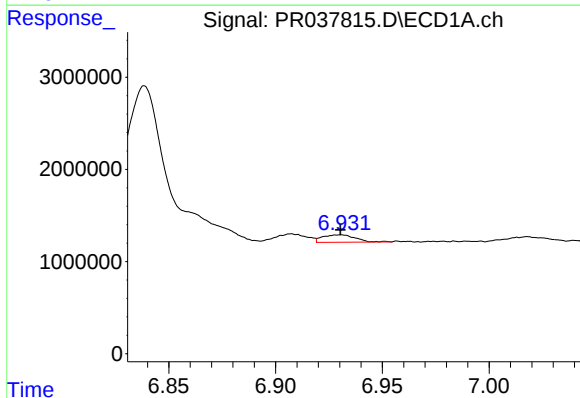
R.T.: 7.373 min
Delta R.T.: -0.002 min
Response: 3913142
Conc: 13.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
FK-0D015-03-005RE



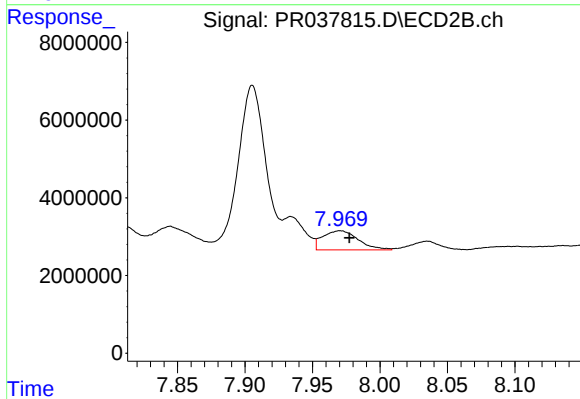
#35 AR-1260-5

R.T.: 8.535 min
Delta R.T.: 0.000 min
Response: 11293290
Conc: 21.74 ng/ml



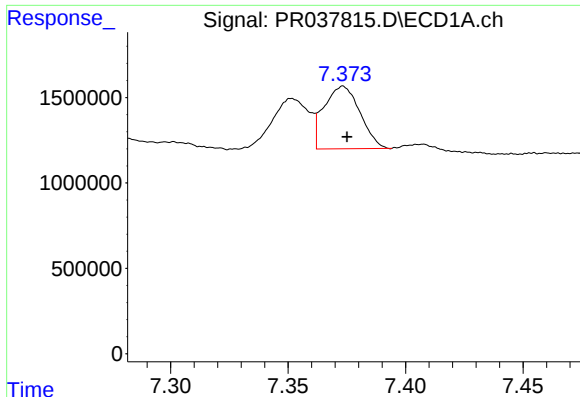
#36 AR-1262-1

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 850135
Conc: 12.72 ng/ml



#36 AR-1262-1

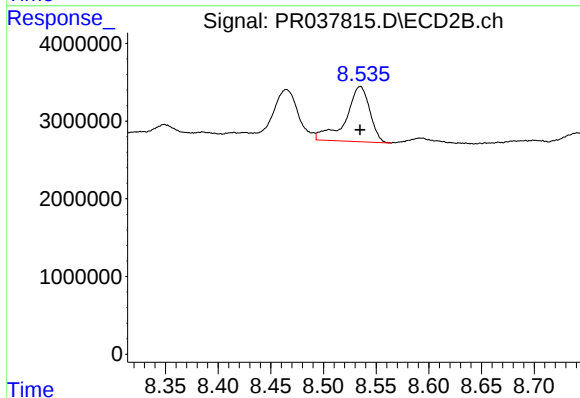
R.T.: 7.971 min
Delta R.T.: -0.007 min
Response: 9039049
Conc: 28.61 ng/ml



#37 AR-1262-2

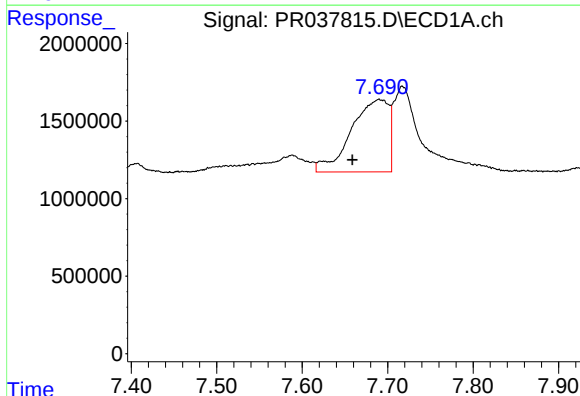
R.T.: 7.373 min
Delta R.T.: -0.002 min
Response: 3913142
Conc: 11.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
FK-0D015-03-005RE



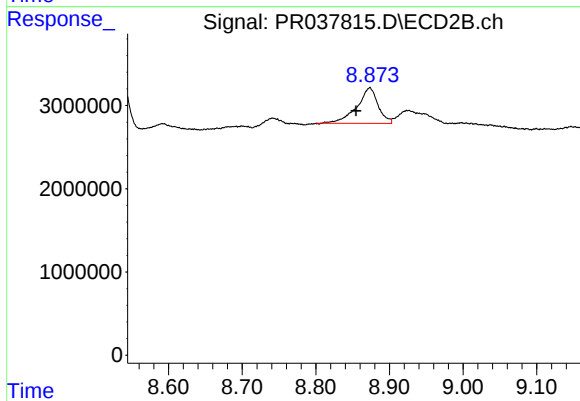
#37 AR-1262-2

R.T.: 8.535 min
Delta R.T.: 0.000 min
Response: 11293290
Conc: 18.13 ng/ml



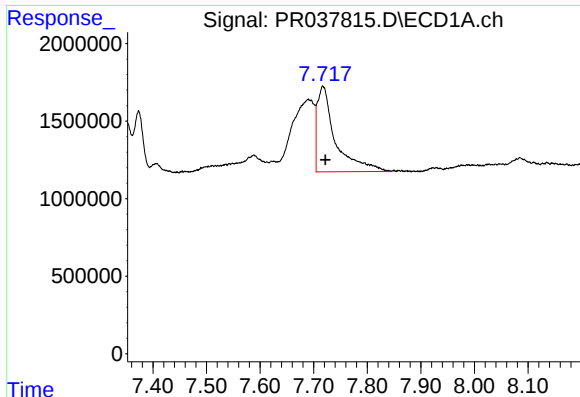
#38 AR-1262-3

R.T.: 7.690 min
Delta R.T.: 0.031 min
Response: 14275910
Conc: 113.96 ng/ml



#38 AR-1262-3

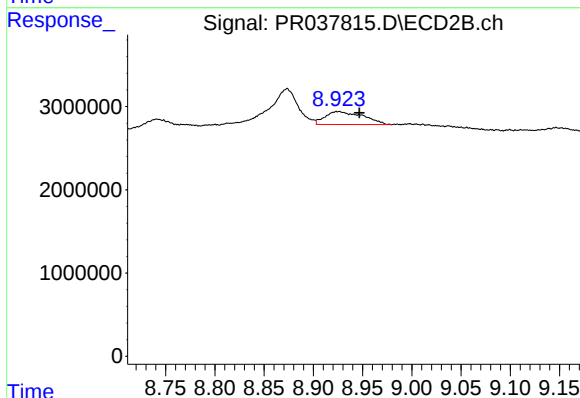
R.T.: 8.873 min
Delta R.T.: 0.019 min
Response: 8564403
Conc: 20.43 ng/ml



#39 AR-1262-4

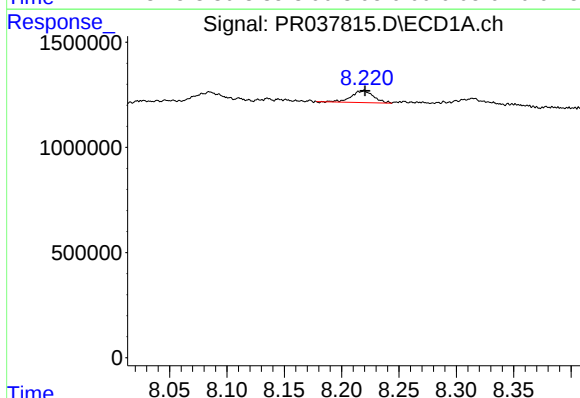
R.T.: 7.717 min
Delta R.T.: -0.005 min
Response: 12964541
Conc: 55.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
FK-0D015-03-005RE



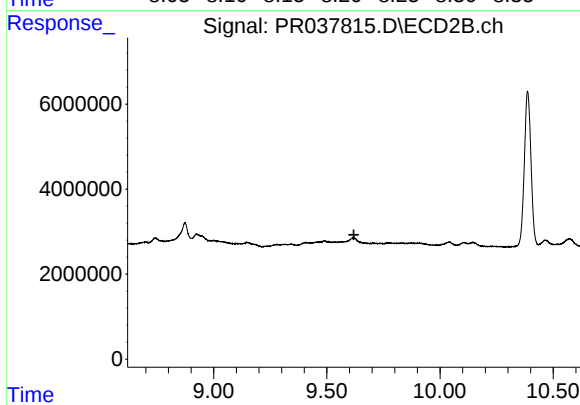
#39 AR-1262-4

R.T.: 8.926 min
Delta R.T.: -0.021 min
Response: 4213431
Conc: 13.20 ng/ml



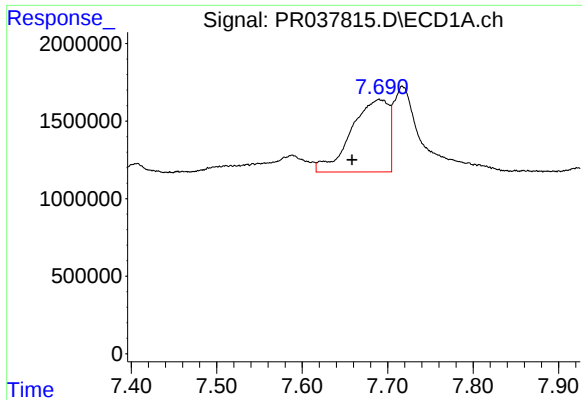
#40 AR-1262-5

R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 762493
Conc: 7.11 ng/ml



#40 AR-1262-5

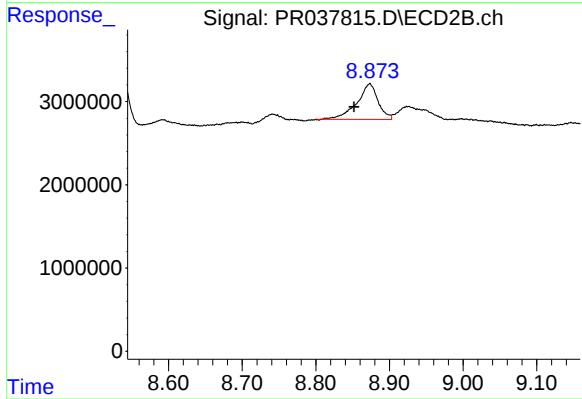
R.T.: 0.000 min
Exp R.T.: 9.620 min
Response: 0
Conc: N.D.



#41 AR-1268-1

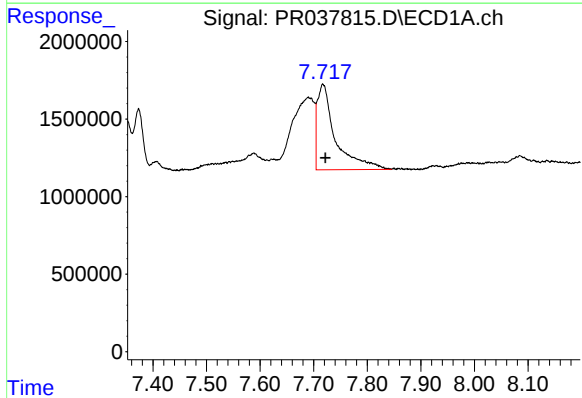
R.T.: 7.690 min
Delta R.T.: 0.032 min
Response: 14275910
Conc: 32.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
FK-0D015-03-005RE



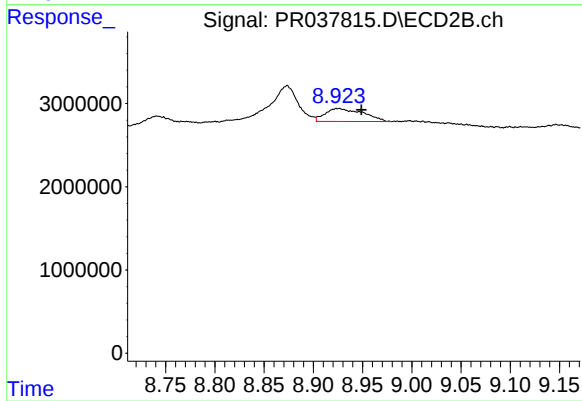
#41 AR-1268-1

R.T.: 8.873 min
Delta R.T.: 0.021 min
Response: 8564403
Conc: 8.55 ng/ml



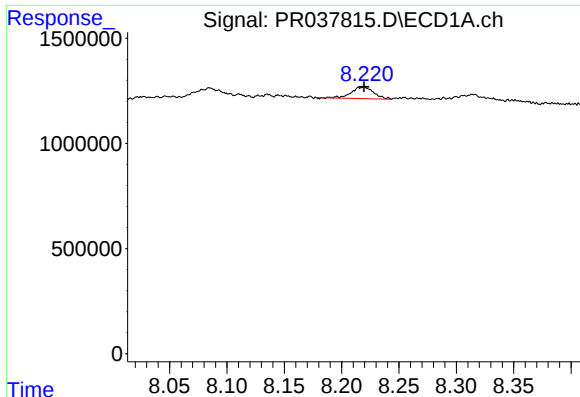
#42 AR-1268-2

R.T.: 7.717 min
Delta R.T.: -0.005 min
Response: 12964541
Conc: 32.97 ng/ml



#42 AR-1268-2

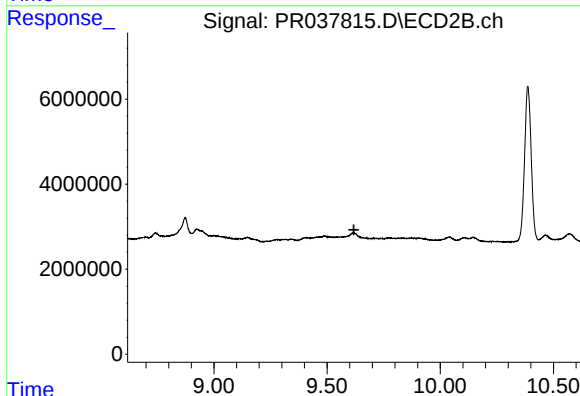
R.T.: 8.926 min
Delta R.T.: -0.023 min
Response: 4213431
Conc: 4.66 ng/ml



#44 AR-1268-4

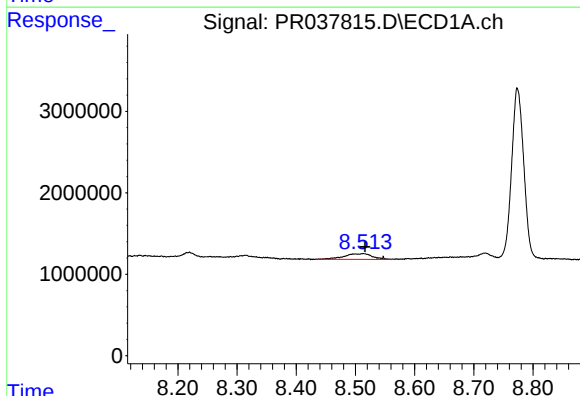
R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 762493
Conc: 5.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
FK-0D015-03-005RE



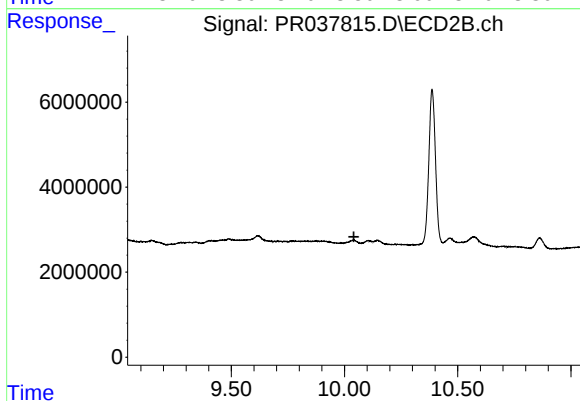
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.618 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.513 min
Delta R.T.: -0.003 min
Response: 2307756
Conc: 2.48 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.042 min
Response: 0
Conc: N.D.