

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040319\
 Data File : PR036849.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2019 22:13
 Operator : SM\SJ
 Sample : K2230-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 RICH-REC-ROAD-STONE-14

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 07:23:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 03 03:09:33 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...	4.394	3.467	37770805	139.6E6	23.708	23.834
2)	SA Decachlor...	10.036	8.326	29998446	142.8E6	16.012	17.893
Target Compounds							
3)	L1 AR-1016-1	5.493	4.540	10791252	10391274	166.488	43.029 #
4)	L1 AR-1016-2	0.000	4.540	0	10391274	N.D.	26.617 #
5)	L1 AR-1016-3	0.000	4.704	0	18868271	N.D.	96.732 #
6)	L1 AR-1016-4	5.709	4.746	21974815	8460271	417.211	55.713 #
7)	L1 AR-1016-5	5.988	4.958	23101173	13185486	424.343	63.445 #
10)	L2 AR-1221-3	0.000	3.873	0	37442934	N.D.	248.713 #
11)	L3 AR-1232-1	0.000	3.873	0	37442934	N.D.	396.022 #
12)	L3 AR-1232-2	0.000	4.540	0	10391274	N.D.	86.997 #
13)	L3 AR-1232-3	0.000	4.704	0	18868271	N.D.	328.391 #
14)	L3 AR-1232-4	5.709	4.805	21974815	16641182	1381.465	336.410 #
15)	L3 AR-1232-5	0.000	4.958	0	13185486	N.D.	230.064 #
16)	L4 AR-1242-1	5.493	4.540	10791252	10391274	343.608	90.939 #
17)	L4 AR-1242-2	0.000	4.540	0	10391274	N.D.	54.637 #
18)	L4 AR-1242-3	0.000	4.704	0	18868271	N.D.	197.341 #
19)	L4 AR-1242-4	5.709	4.805	21974815	16641182	845.418	184.312 #
20)	L4 AR-1242-5	6.446	5.304	12242082	131.8E6	398.411	954.806 #
21)	L5 AR-1248-1	5.493	4.540	10791252	10391274	418.609	107.001 #
22)	L5 AR-1248-2	0.000	4.746	0	8460271	N.D.	62.651 #
23)	L5 AR-1248-3	5.988	4.805	23101173	16641182	509.924	119.572 #
24)	L5 AR-1248-4	6.414	4.958	26534386	13185486	493.828	74.764 #
25)	L5 AR-1248-5	6.446	5.342	12242082	18322539	236.229	94.246 #
26)	L6 AR-1254-1	6.414	5.304	26534386	131.8E6	457.807	400.792
27)	L6 AR-1254-2	6.630	5.440	26393869	26759311	282.645	90.386 #
28)	L6 AR-1254-3	6.992	5.803	16579176	53058044	159.618	104.298 #
29)	L6 AR-1254-4	7.246	6.076	12290022	26530629	157.281	69.230 #
30)	L6 AR-1254-5	7.741	6.466	6862032	9383378	67.167	18.456 #
31)	L7 AR-1260-1	0.000	5.970	0	4998510	N.D.	11.428 #
32)	L7 AR-1260-2	7.396	6.142	50896955	20885073	414.784	31.931 #
33)	L7 AR-1260-3	7.741	6.303	6862032	7747072	71.485	14.648 #
34)	L7 AR-1260-4	7.911	6.766	4347660	11126240	39.234	23.858 #
35)	L7 AR-1260-5	0.000	7.001	0	1809848	N.D.	1.359 #
36)	L8 AR-1262-1	7.741	6.575	6862032	38722238	58.517	141.262 #
37)	L8 AR-1262-2	0.000	7.001	0	1809848	N.D.	1.320 #
38)	L8 AR-1262-3	0.000	7.318	0	49479291	N.D.	90.643 #
39)	L8 AR-1262-4	0.000	7.318	0	49479291	N.D.	53.864 #
41)	L9 AR-1268-1	0.000	7.318	0	49479291	N.D.	33.432 #
42)	L9 AR-1268-2	0.000	7.318	0	49479291	N.D.	39.412 #
45)	L9 AR-1268-5	0.000	8.090	0	7880034	N.D.	2.610 #

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Apr 2019 22:13
Operator : SM\SJ
Sample : K2230-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-14

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 07:23:42 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040219.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 03 03:09:33 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
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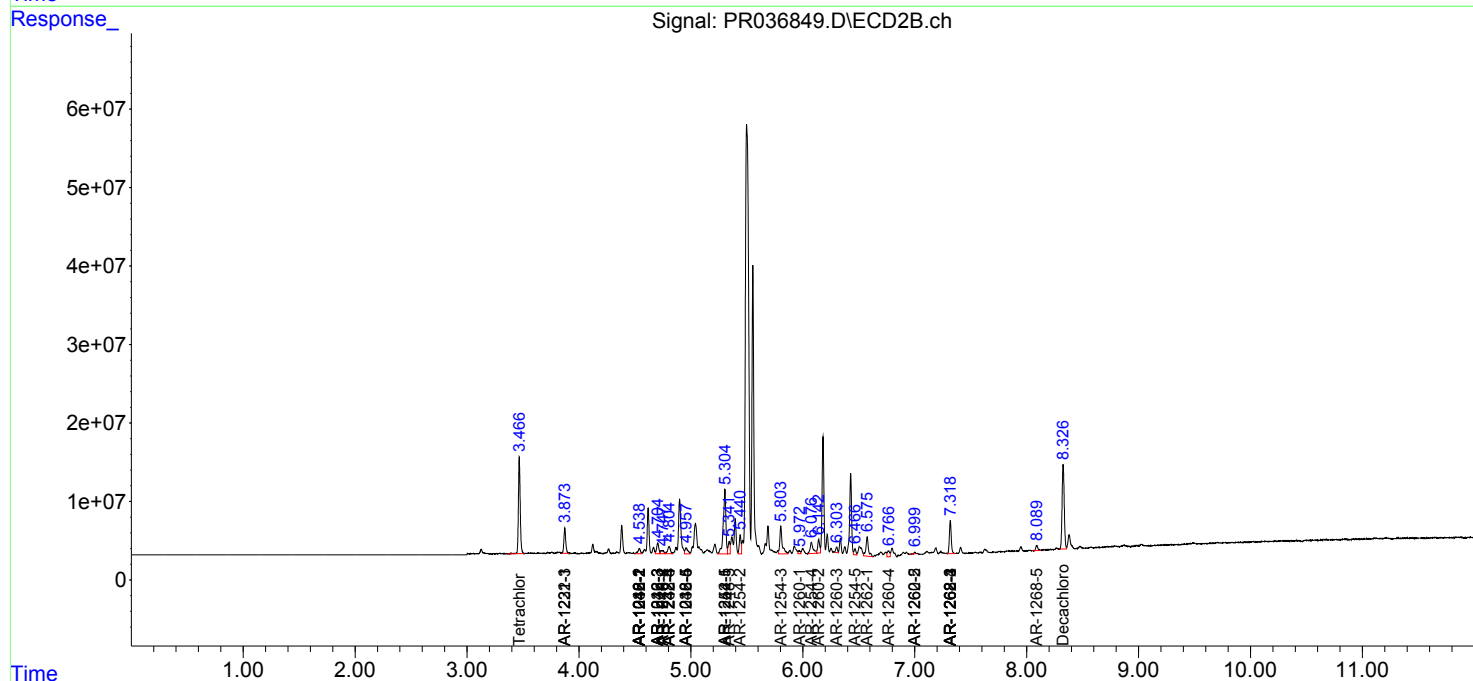
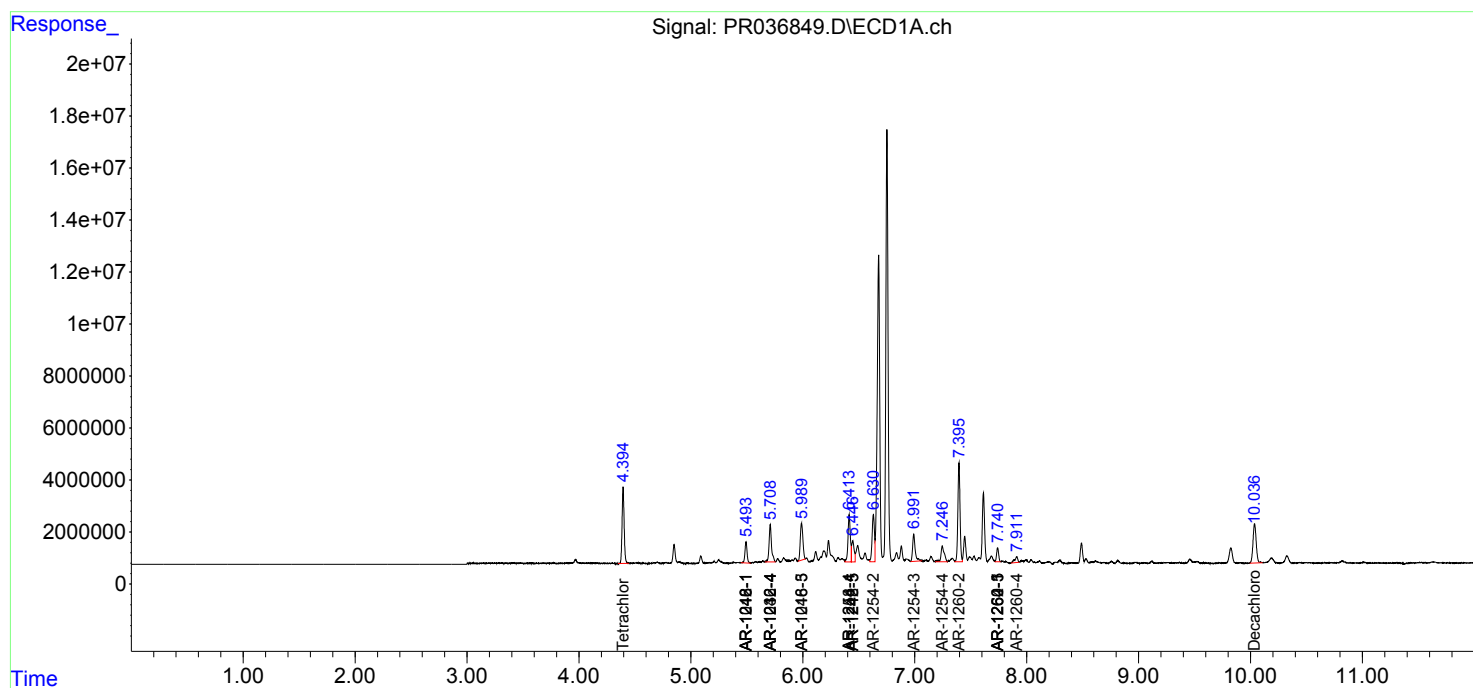
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

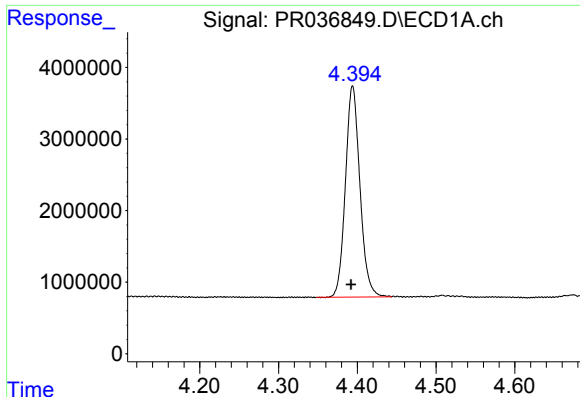
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040319\
Data File : PR036849.D
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ECD_R
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 07:23:42 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040219.M
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QLast Update : Wed Apr 03 03:09:33 2019
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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

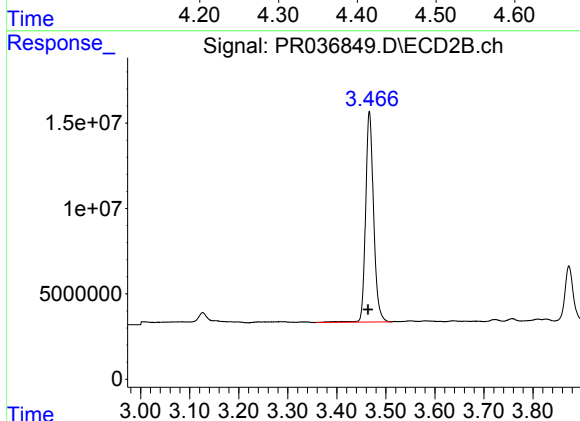




#1 Tetrachloro-m-xylene

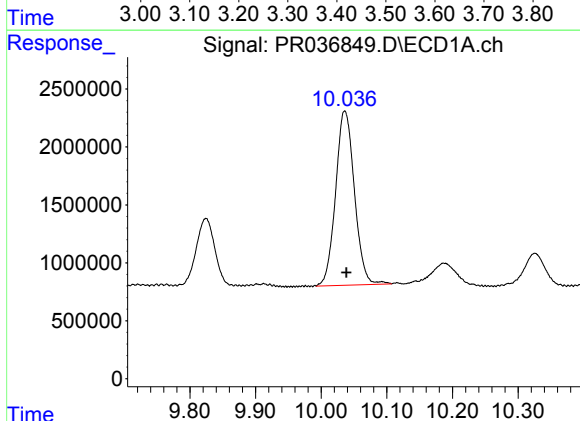
R.T.: 4.394 min
Delta R.T.: 0.002 min
Response: 37770805
Conc: 23.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-14



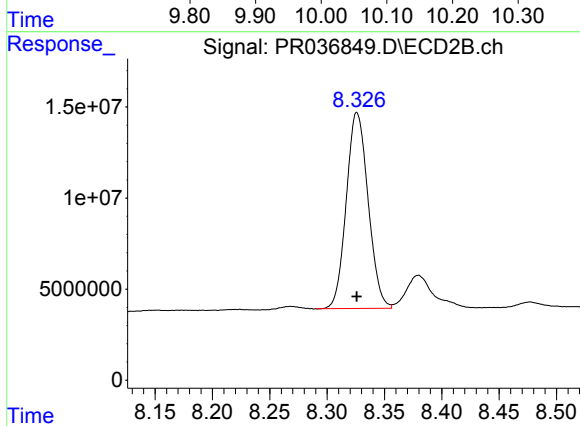
#1 Tetrachloro-m-xylene

R.T.: 3.467 min
Delta R.T.: 0.003 min
Response: 139620830
Conc: 23.83 ng/ml



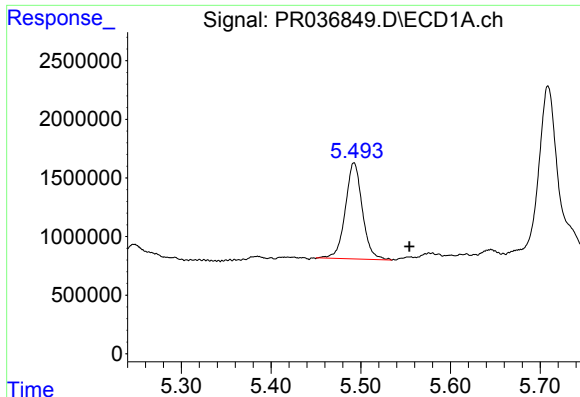
#2 Decachlorobiphenyl

R.T.: 10.036 min
Delta R.T.: -0.003 min
Response: 29998446
Conc: 16.01 ng/ml



#2 Decachlorobiphenyl

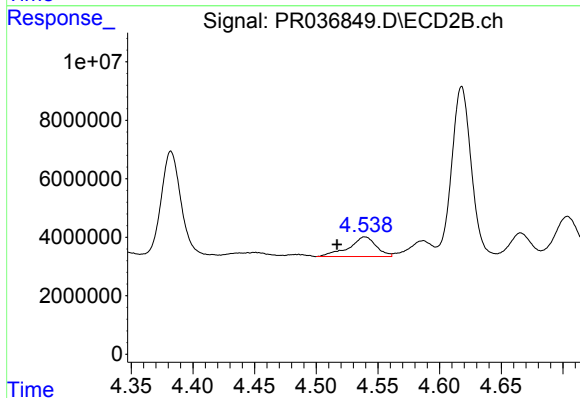
R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 142822959
Conc: 17.89 ng/ml



#3 AR-1016-1

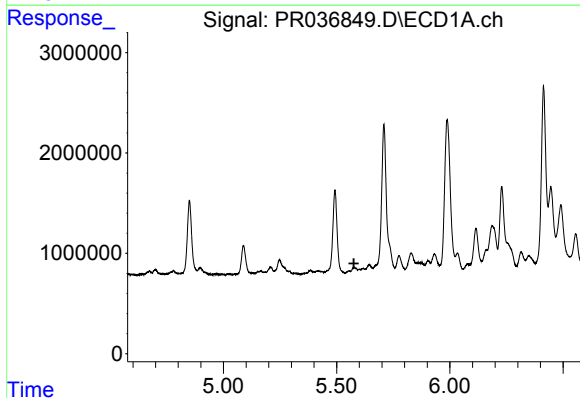
R.T.: 5.493 min
Delta R.T.: -0.062 min
Response: 10791252
Conc: 166.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-14



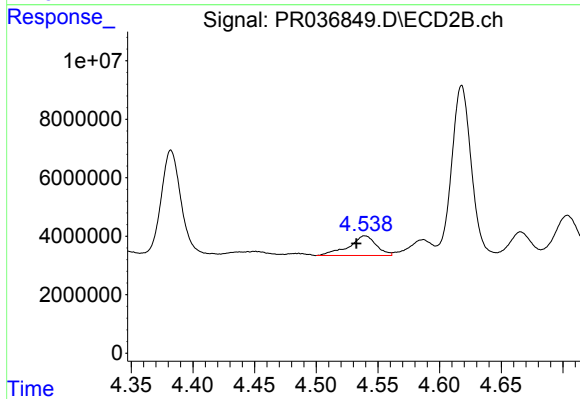
#3 AR-1016-1

R.T.: 4.540 min
Delta R.T.: 0.023 min
Response: 10391274
Conc: 43.03 ng/ml



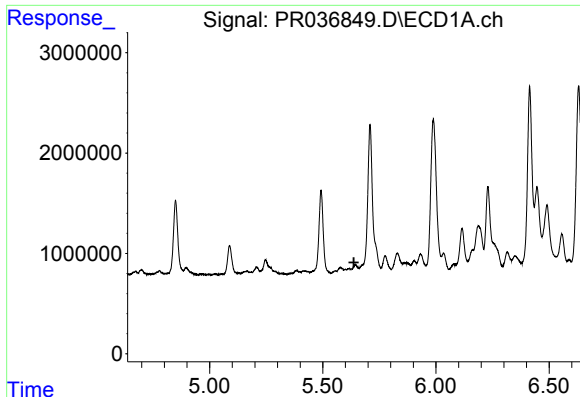
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.576 min
Response: 0
Conc: N.D.



#4 AR-1016-2

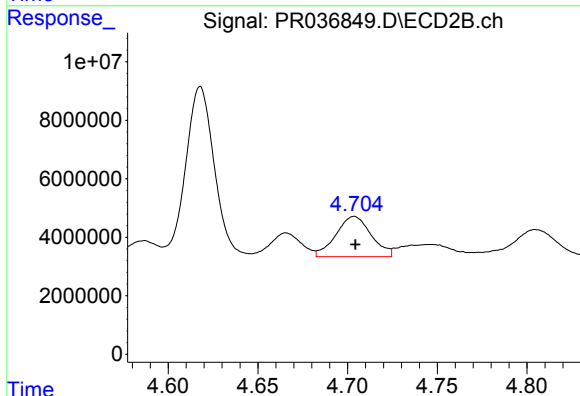
R.T.: 4.540 min
Delta R.T.: 0.007 min
Response: 10391274
Conc: 26.62 ng/ml



#5 AR-1016-3

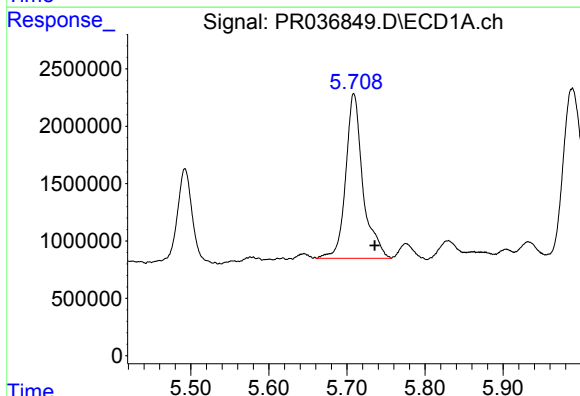
R.T.: 0.000 min
Exp R.T.: 5.638 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-14



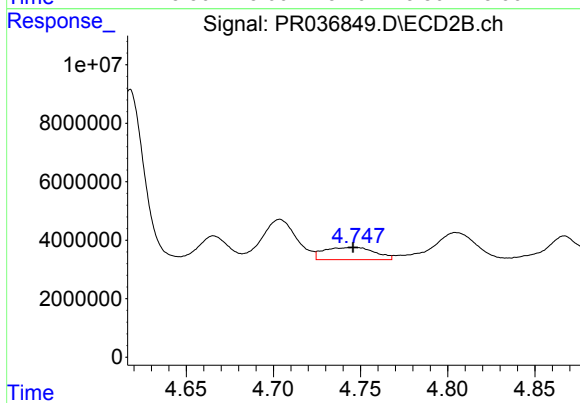
#5 AR-1016-3

R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 18868271
Conc: 96.73 ng/ml



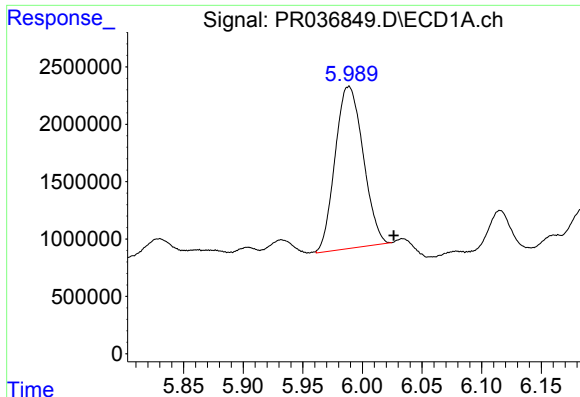
#6 AR-1016-4

R.T.: 5.709 min
Delta R.T.: -0.027 min
Response: 21974815
Conc: 417.21 ng/ml



#6 AR-1016-4

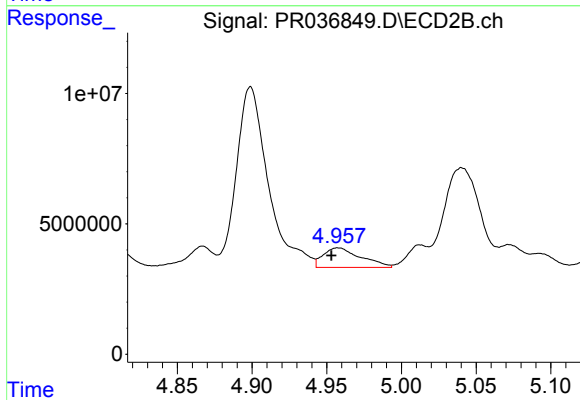
R.T.: 4.746 min
Delta R.T.: 0.000 min
Response: 8460271
Conc: 55.71 ng/ml



#7 AR-1016-5

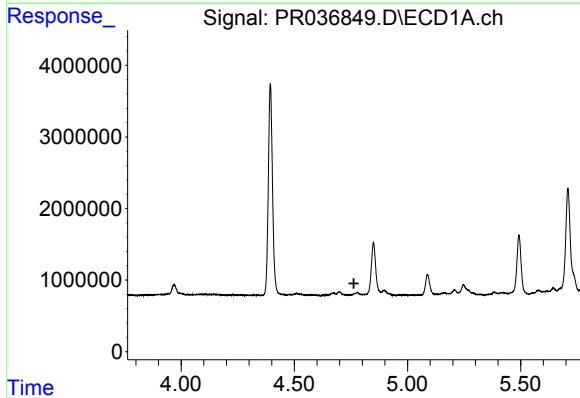
R.T.: 5.988 min
Delta R.T.: -0.038 min
Response: 23101173
Conc: 424.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-14



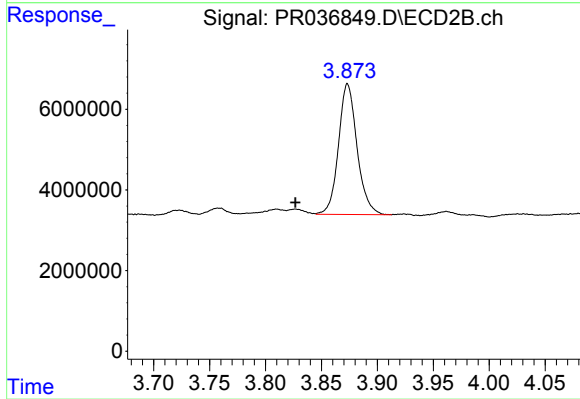
#7 AR-1016-5

R.T.: 4.958 min
Delta R.T.: 0.005 min
Response: 13185486
Conc: 63.44 ng/ml



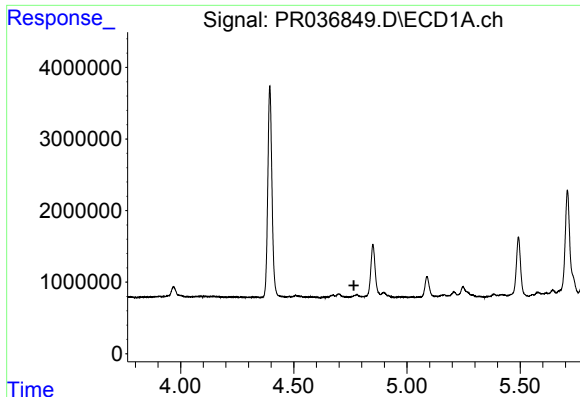
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.763 min
Response: 0
Conc: N.D.



#10 AR-1221-3

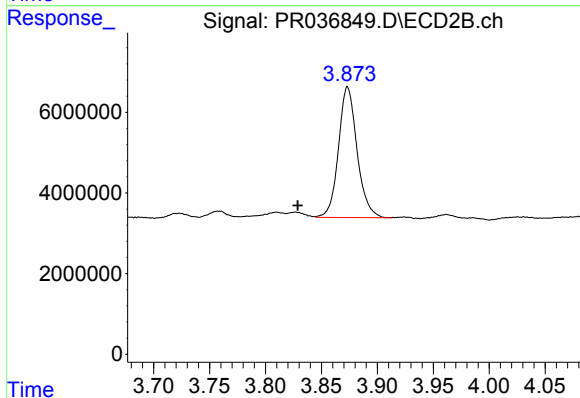
R.T.: 3.873 min
Delta R.T.: 0.047 min
Response: 37442934
Conc: 248.71 ng/ml



#11 AR-1232-1

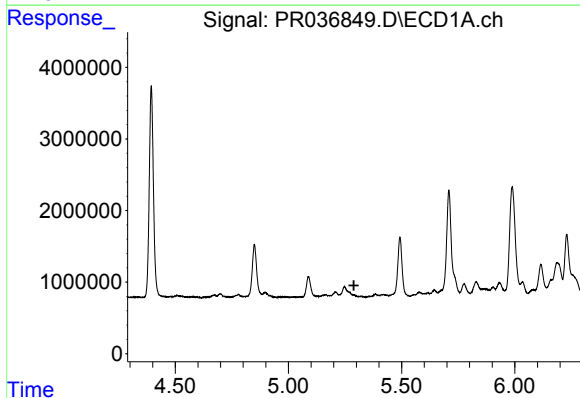
R.T.: 0.000 min
Exp R.T.: 4.766 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-14



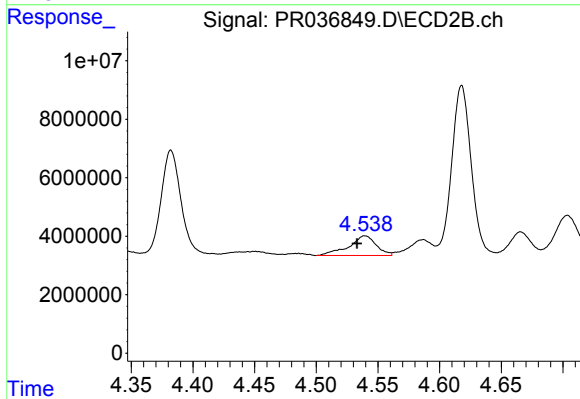
#11 AR-1232-1

R.T.: 3.873 min
Delta R.T.: 0.044 min
Response: 37442934
Conc: 396.02 ng/ml



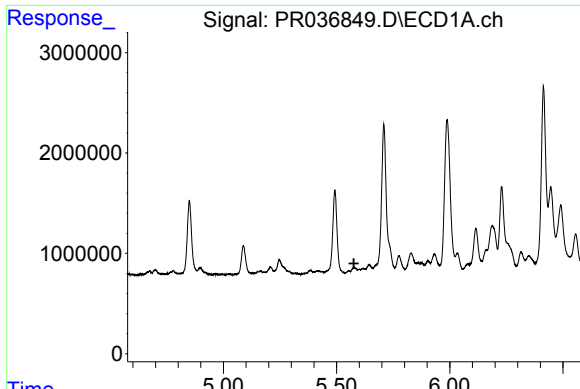
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.289 min
Response: 0
Conc: N.D.



#12 AR-1232-2

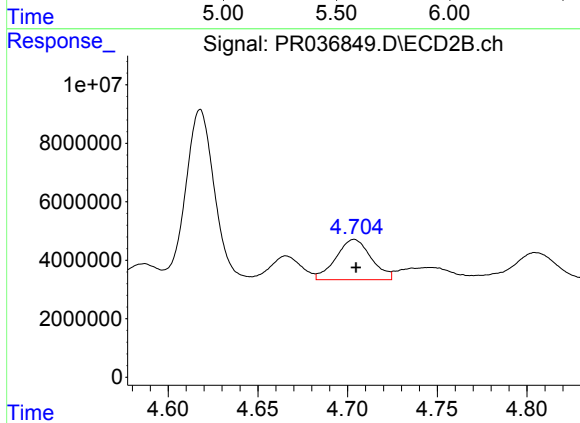
R.T.: 4.540 min
Delta R.T.: 0.006 min
Response: 10391274
Conc: 87.00 ng/ml



#13 AR-1232-3

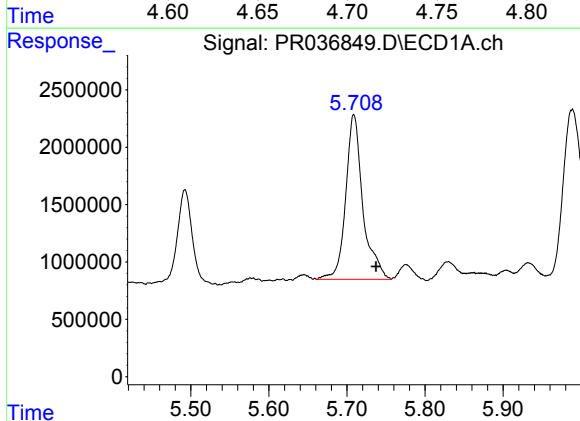
R.T.: 0.000 min
Exp R.T.: 5.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-14



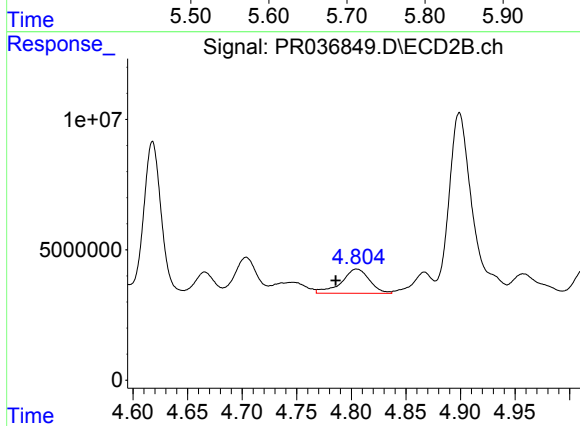
#13 AR-1232-3

R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 18868271
Conc: 328.39 ng/ml



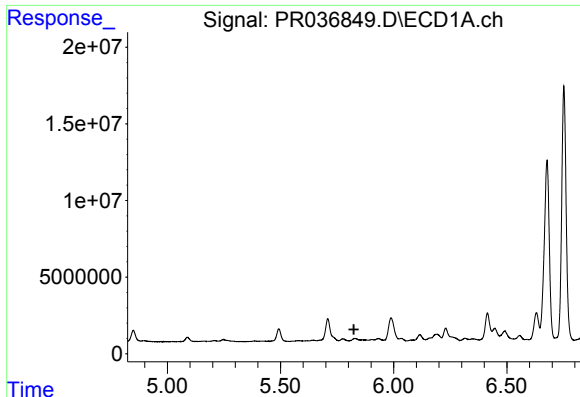
#14 AR-1232-4

R.T.: 5.709 min
Delta R.T.: -0.028 min
Response: 21974815
Conc: 1381.47 ng/ml



#14 AR-1232-4

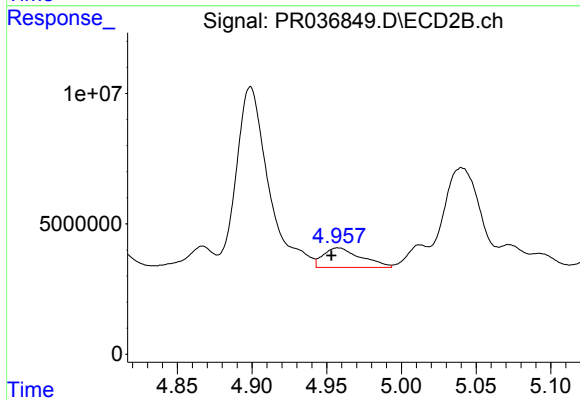
R.T.: 4.805 min
Delta R.T.: 0.019 min
Response: 16641182
Conc: 336.41 ng/ml



#15 AR-1232-5

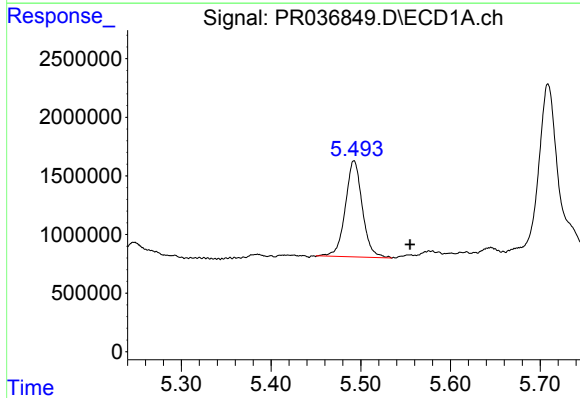
R.T.: 0.000 min
Exp R.T.: 5.824 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-14



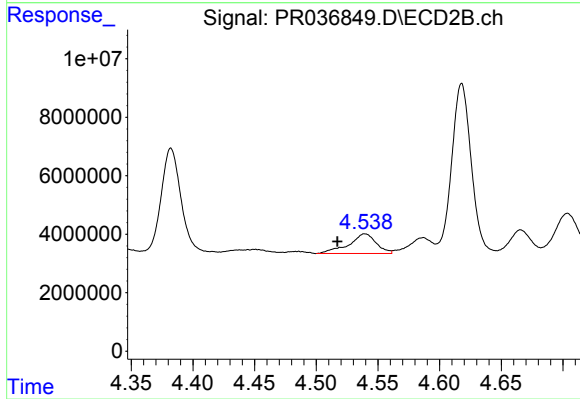
#15 AR-1232-5

R.T.: 4.958 min
Delta R.T.: 0.005 min
Response: 13185486
Conc: 230.06 ng/ml



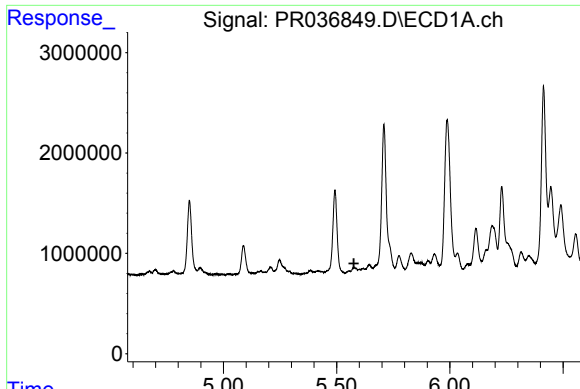
#16 AR-1242-1

R.T.: 5.493 min
Delta R.T.: -0.062 min
Response: 10791252
Conc: 343.61 ng/ml



#16 AR-1242-1

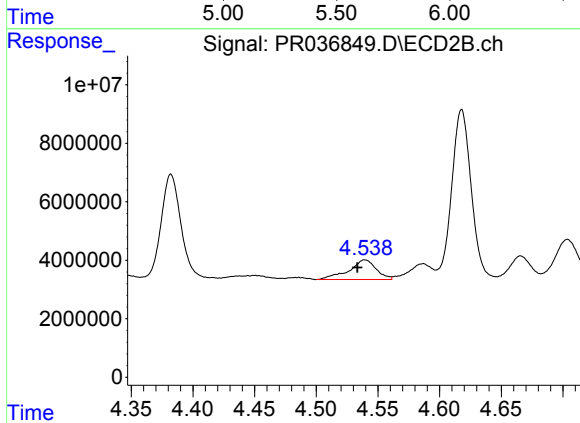
R.T.: 4.540 min
Delta R.T.: 0.023 min
Response: 10391274
Conc: 90.94 ng/ml



#17 AR-1242-2

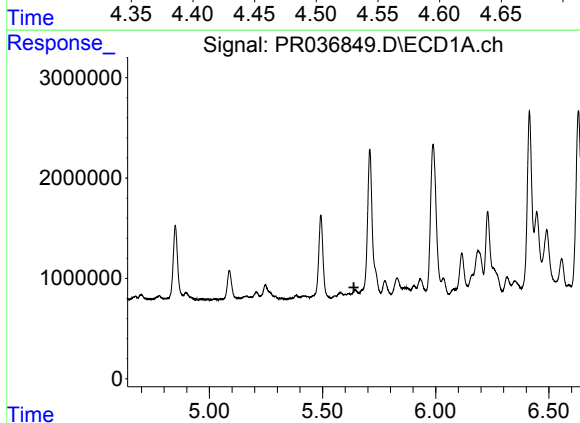
R.T.: 0.000 min
Exp R.T.: 5.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-14



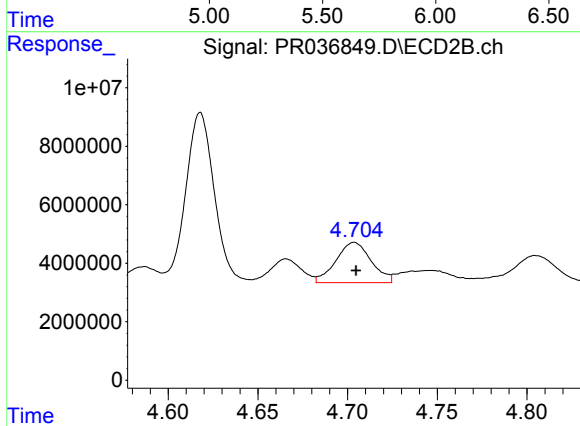
#17 AR-1242-2

R.T.: 4.540 min
Delta R.T.: 0.006 min
Response: 10391274
Conc: 54.64 ng/ml



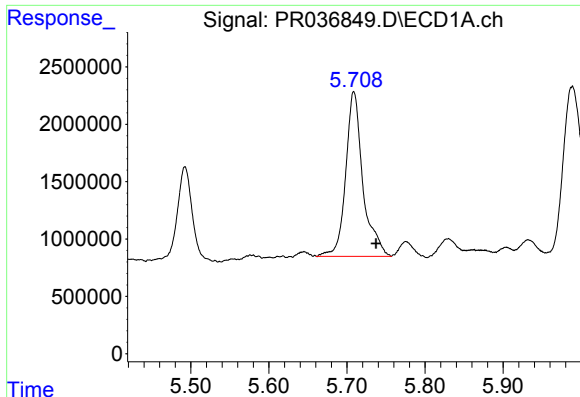
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.639 min
Response: 0
Conc: N.D.



#18 AR-1242-3

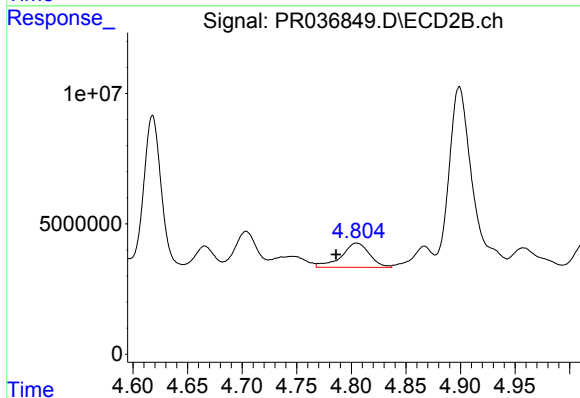
R.T.: 4.704 min
Delta R.T.: -0.001 min
Response: 18868271
Conc: 197.34 ng/ml



#19 AR-1242-4

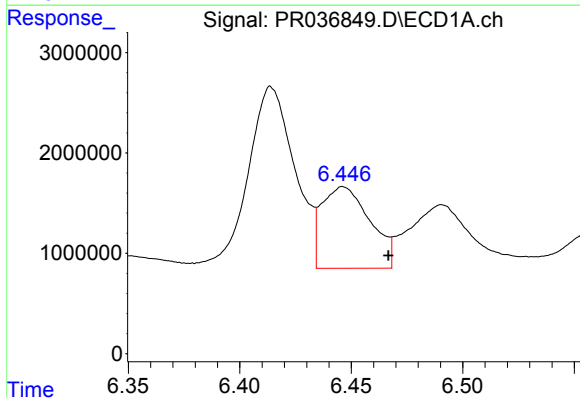
R.T.: 5.709 min
Delta R.T.: -0.028 min
Response: 21974815
Conc: 845.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-14



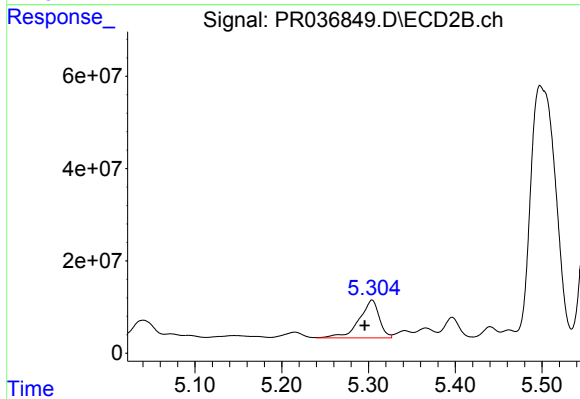
#19 AR-1242-4

R.T.: 4.805 min
Delta R.T.: 0.019 min
Response: 16641182
Conc: 184.31 ng/ml



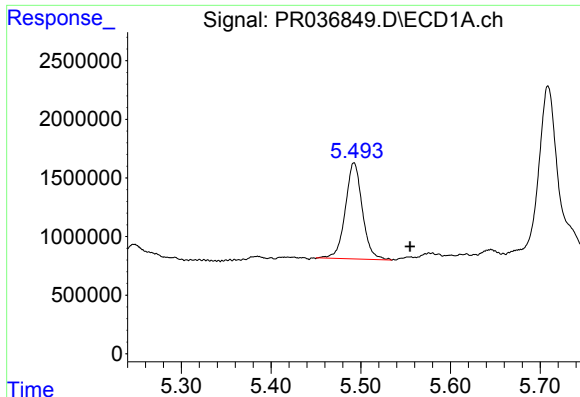
#20 AR-1242-5

R.T.: 6.446 min
Delta R.T.: -0.020 min
Response: 12242082
Conc: 398.41 ng/ml



#20 AR-1242-5

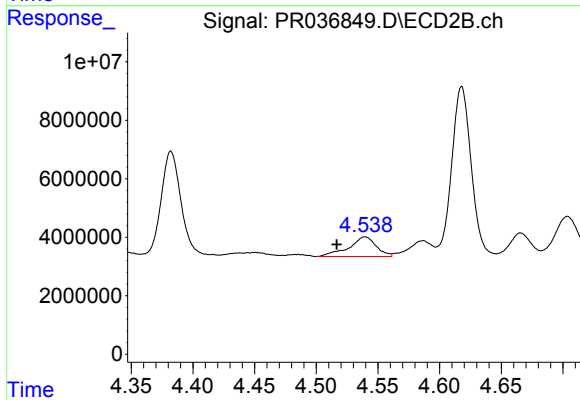
R.T.: 5.304 min
Delta R.T.: 0.009 min
Response: 131815732
Conc: 954.81 ng/ml



#21 AR-1248-1

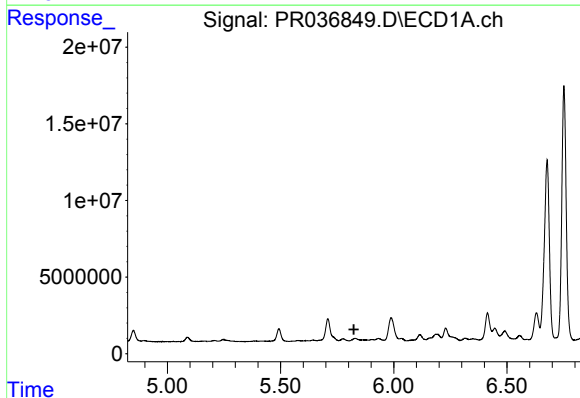
R.T.: 5.493 min
Delta R.T.: -0.063 min
Response: 10791252
Conc: 418.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-14



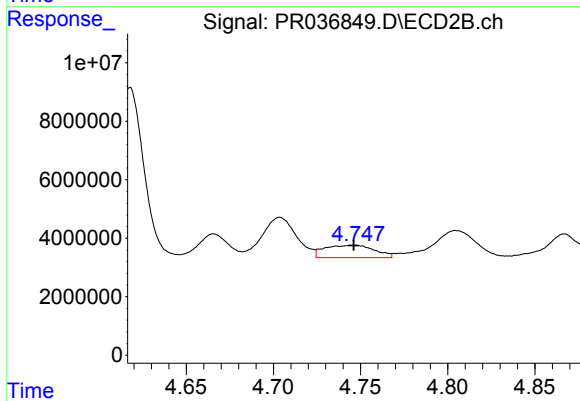
#21 AR-1248-1

R.T.: 4.540 min
Delta R.T.: 0.023 min
Response: 10391274
Conc: 107.00 ng/ml



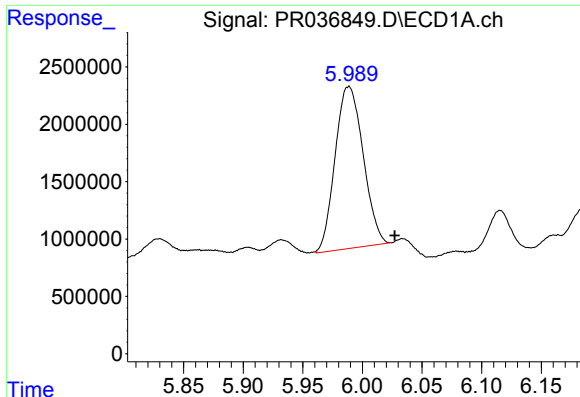
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.824 min
Response: 0
Conc: N.D.



#22 AR-1248-2

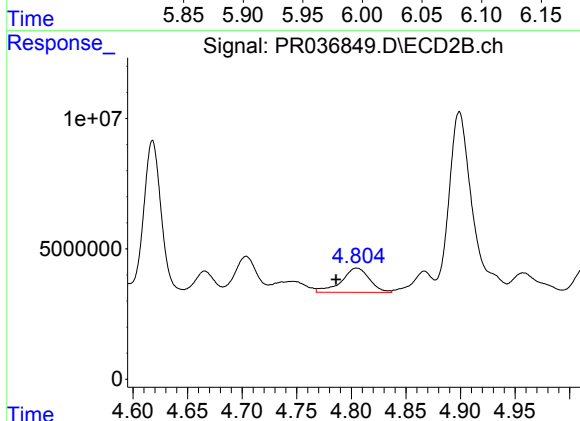
R.T.: 4.746 min
Delta R.T.: 0.000 min
Response: 8460271
Conc: 62.65 ng/ml



#23 AR-1248-3

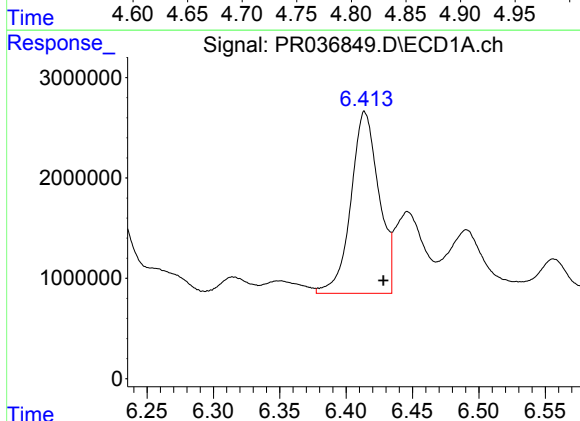
R.T.: 5.988 min
Delta R.T.: -0.039 min
Response: 23101173
Conc: 509.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-14



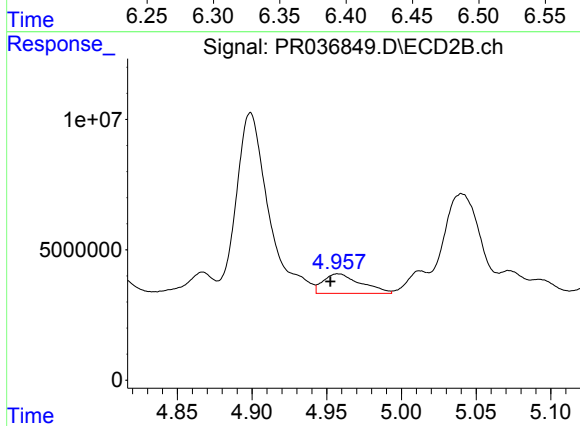
#23 AR-1248-3

R.T.: 4.805 min
Delta R.T.: 0.019 min
Response: 16641182
Conc: 119.57 ng/ml



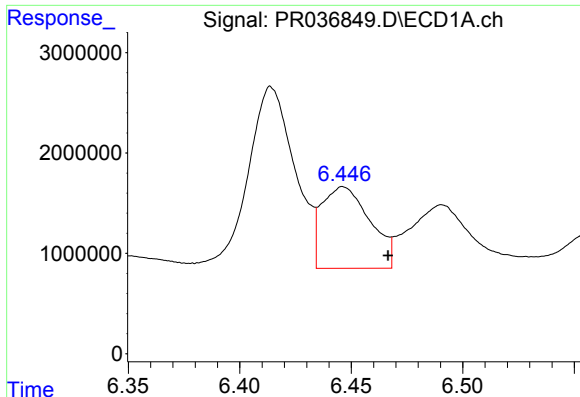
#24 AR-1248-4

R.T.: 6.414 min
Delta R.T.: -0.014 min
Response: 26534386
Conc: 493.83 ng/ml



#24 AR-1248-4

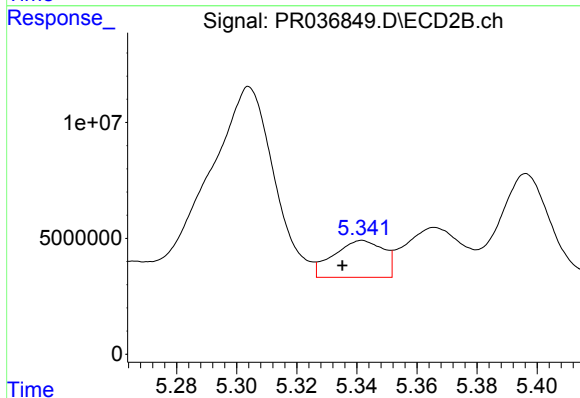
R.T.: 4.958 min
Delta R.T.: 0.005 min
Response: 13185486
Conc: 74.76 ng/ml



#25 AR-1248-5

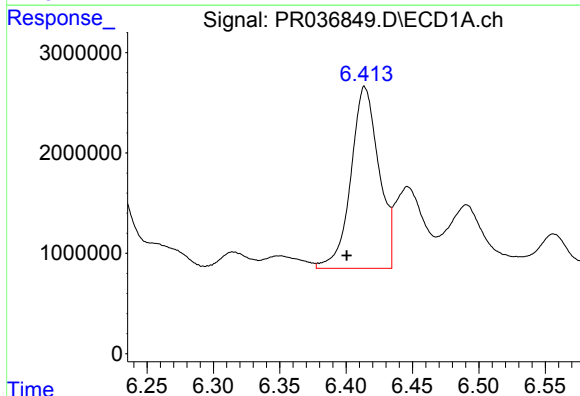
R.T.: 6.446 min
Delta R.T.: -0.020 min
Response: 12242082
Conc: 236.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-14



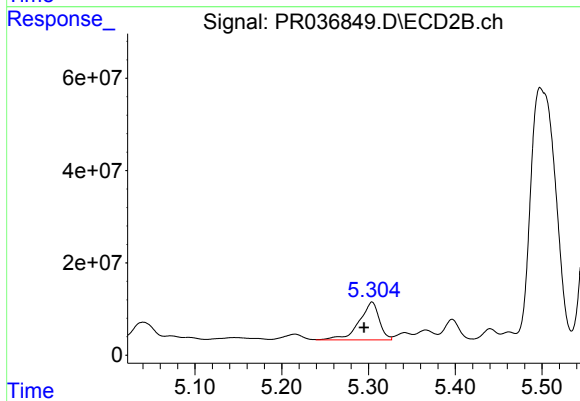
#25 AR-1248-5

R.T.: 5.342 min
Delta R.T.: 0.007 min
Response: 18322539
Conc: 94.25 ng/ml



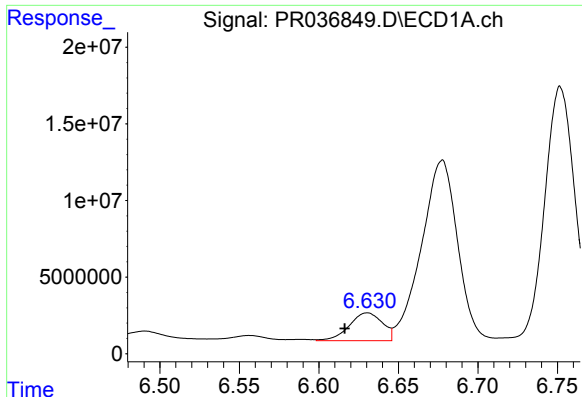
#26 AR-1254-1

R.T.: 6.414 min
Delta R.T.: 0.014 min
Response: 26534386
Conc: 457.81 ng/ml



#26 AR-1254-1

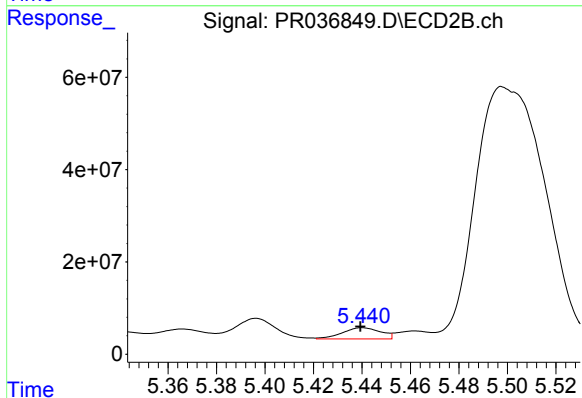
R.T.: 5.304 min
Delta R.T.: 0.009 min
Response: 131815732
Conc: 400.79 ng/ml



#27 AR-1254-2

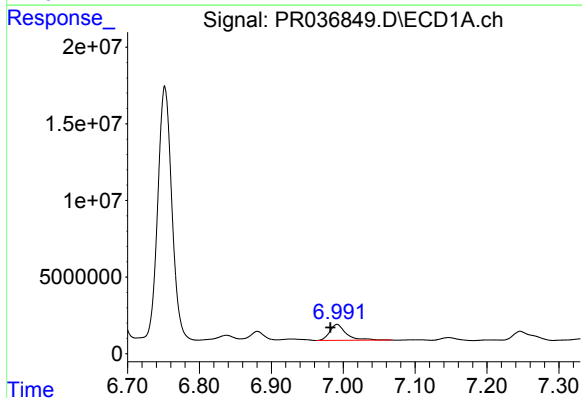
R.T.: 6.630 min
Delta R.T.: 0.014 min
Response: 26393869
Conc: 282.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-14



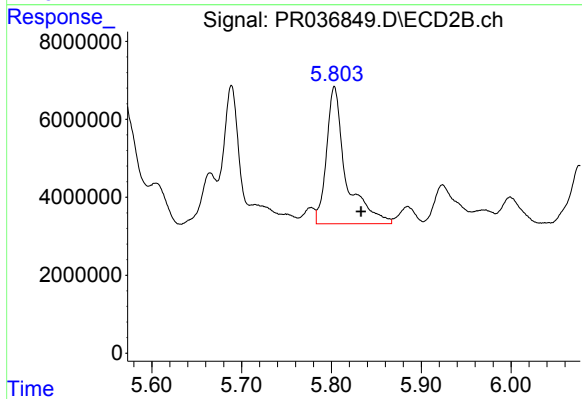
#27 AR-1254-2

R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 26759311
Conc: 90.39 ng/ml



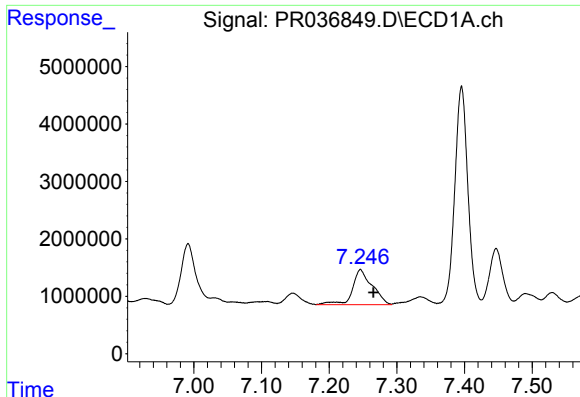
#28 AR-1254-3

R.T.: 6.992 min
Delta R.T.: 0.009 min
Response: 16579176
Conc: 159.62 ng/ml



#28 AR-1254-3

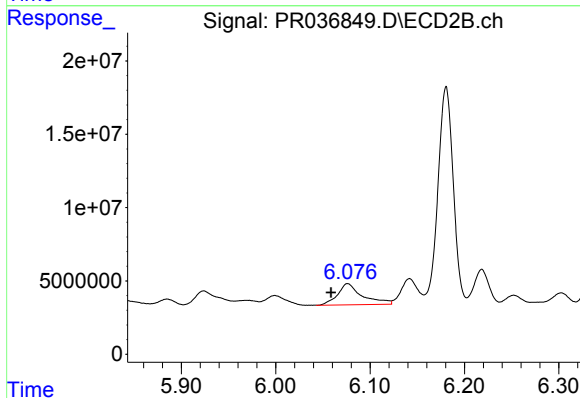
R.T.: 5.803 min
Delta R.T.: -0.030 min
Response: 53058044
Conc: 104.30 ng/ml



#29 AR-1254-4

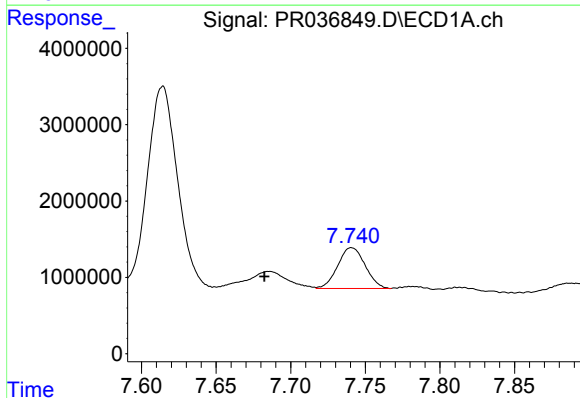
R.T.: 7.246 min
Delta R.T.: -0.019 min
Response: 12290022
Conc: 157.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-14



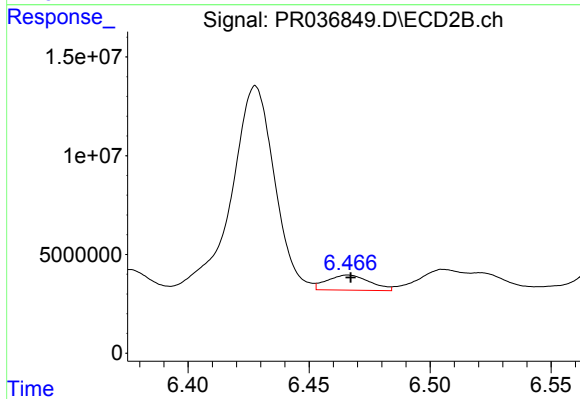
#29 AR-1254-4

R.T.: 6.076 min
Delta R.T.: 0.018 min
Response: 26530629
Conc: 69.23 ng/ml



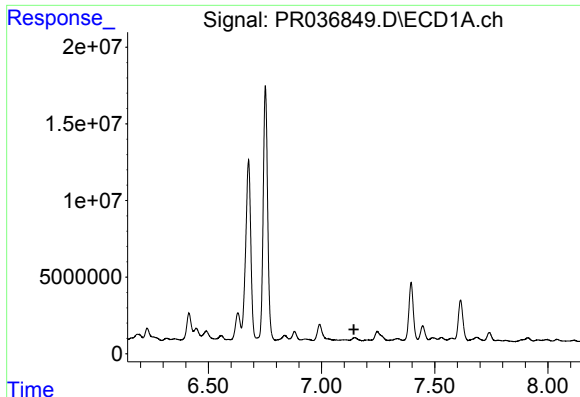
#30 AR-1254-5

R.T.: 7.741 min
Delta R.T.: 0.058 min
Response: 6862032
Conc: 67.17 ng/ml



#30 AR-1254-5

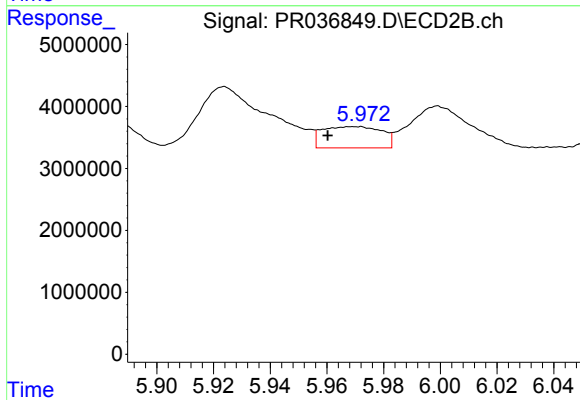
R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 9383378
Conc: 18.46 ng/ml



#31 AR-1260-1

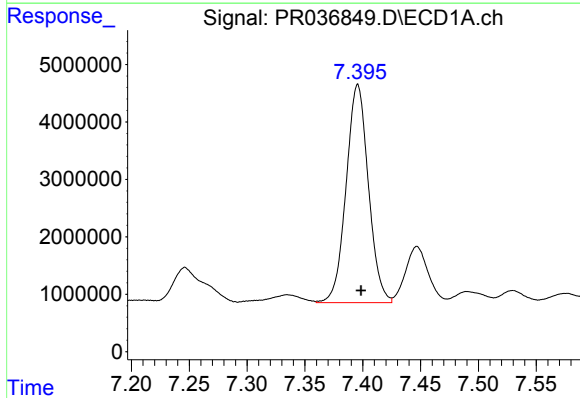
R.T.: 0.000 min
Exp R.T.: 7.143 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-14



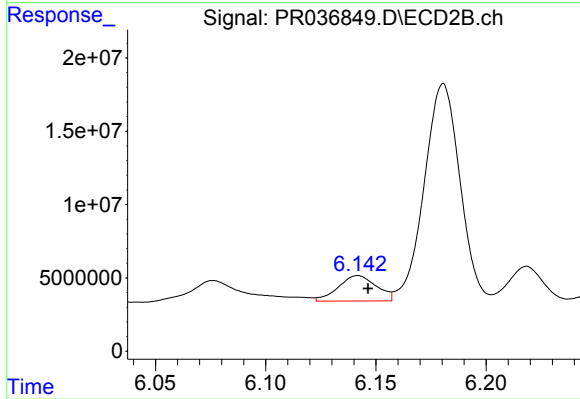
#31 AR-1260-1

R.T.: 5.970 min
Delta R.T.: 0.010 min
Response: 4998510
Conc: 11.43 ng/ml



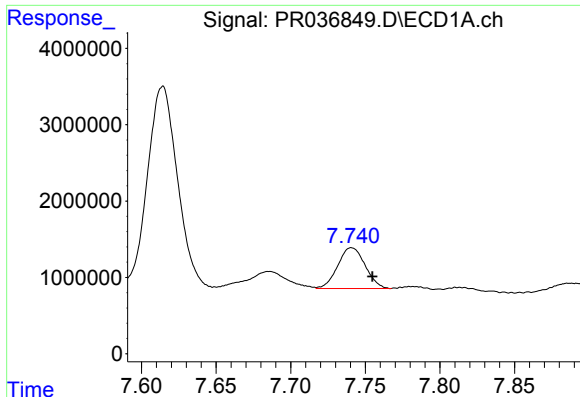
#32 AR-1260-2

R.T.: 7.396 min
Delta R.T.: -0.003 min
Response: 50896955
Conc: 414.78 ng/ml



#32 AR-1260-2

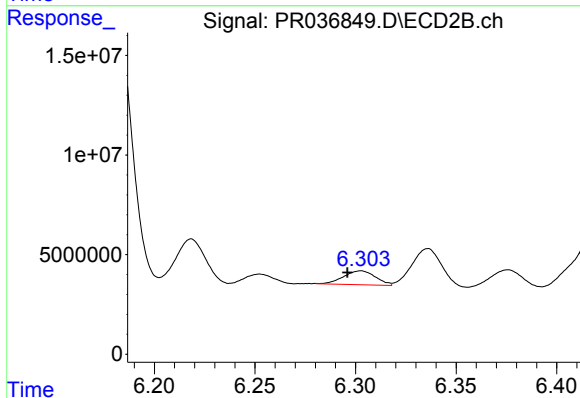
R.T.: 6.142 min
Delta R.T.: -0.005 min
Response: 20885073
Conc: 31.93 ng/ml



#33 AR-1260-3

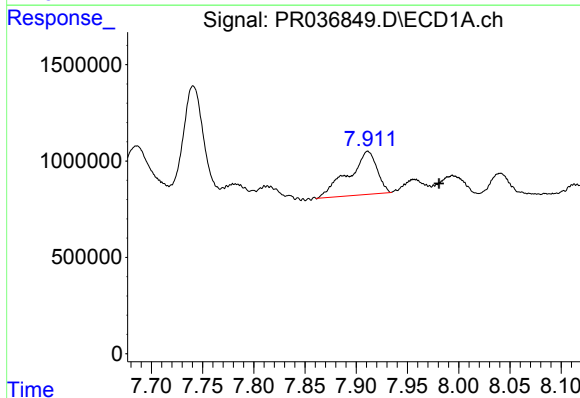
R.T.: 7.741 min
Delta R.T.: -0.014 min
Response: 6862032
Conc: 71.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-14



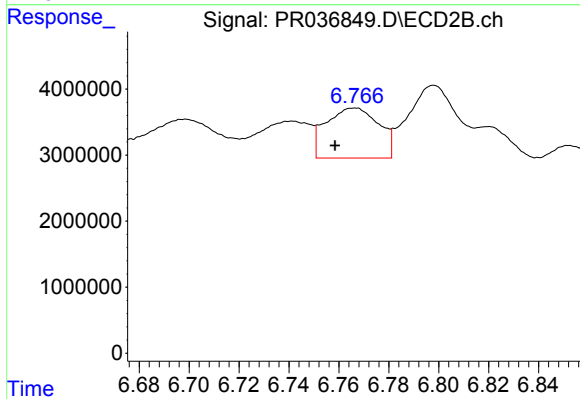
#33 AR-1260-3

R.T.: 6.303 min
Delta R.T.: 0.007 min
Response: 7747072
Conc: 14.65 ng/ml



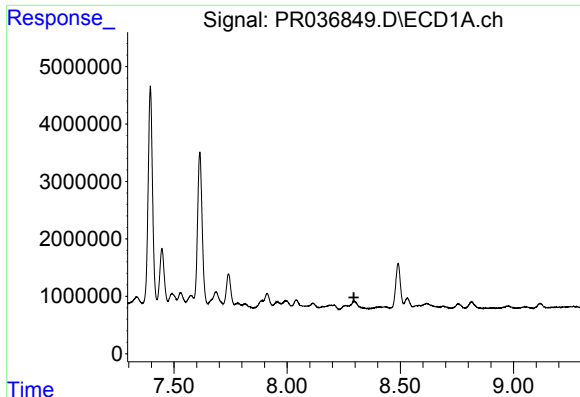
#34 AR-1260-4

R.T.: 7.911 min
Delta R.T.: -0.069 min
Response: 4347660
Conc: 39.23 ng/ml



#34 AR-1260-4

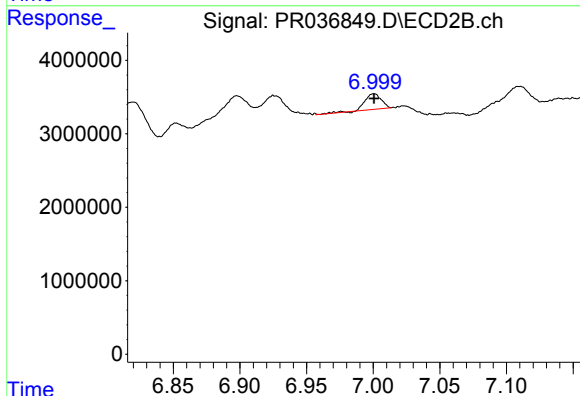
R.T.: 6.766 min
Delta R.T.: 0.008 min
Response: 11126240
Conc: 23.86 ng/ml



#35 AR-1260-5

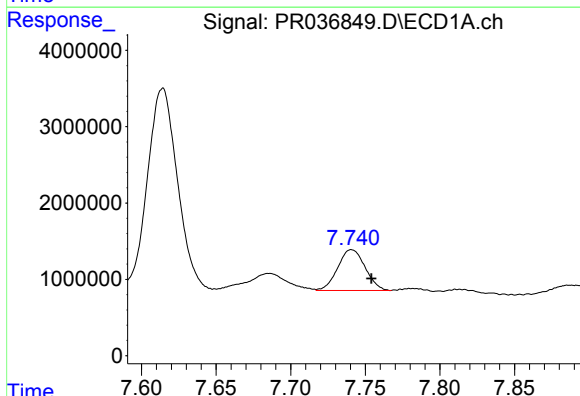
R.T.: 0.000 min
Exp R.T.: 8.295 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-14



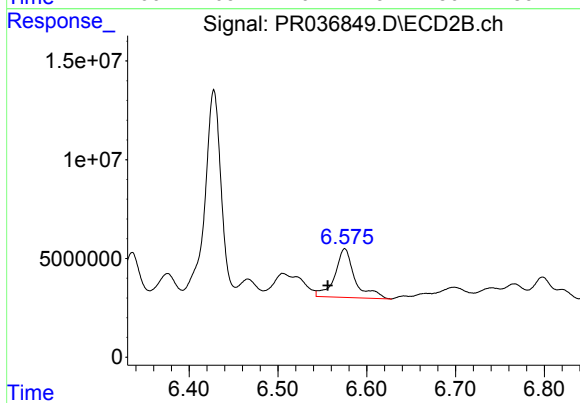
#35 AR-1260-5

R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 1809848
Conc: 1.36 ng/ml



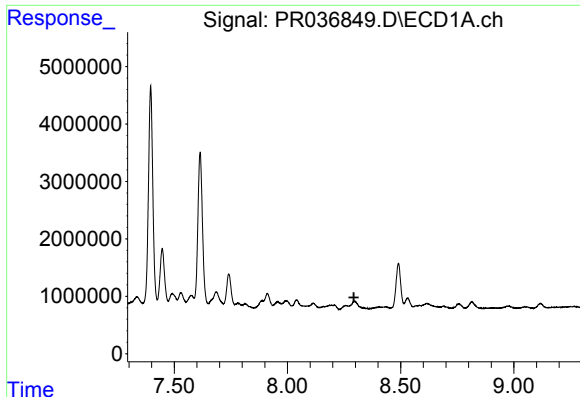
#36 AR-1262-1

R.T.: 7.741 min
Delta R.T.: -0.013 min
Response: 6862032
Conc: 58.52 ng/ml



#36 AR-1262-1

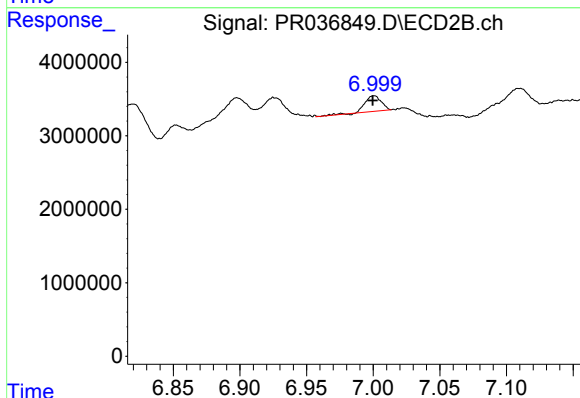
R.T.: 6.575 min
Delta R.T.: 0.019 min
Response: 38722238
Conc: 141.26 ng/ml



#37 AR-1262-2

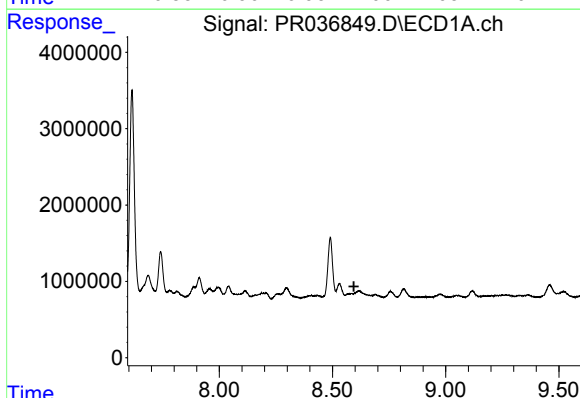
R.T.: 0.000 min
Exp R.T.: 8.294 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-14



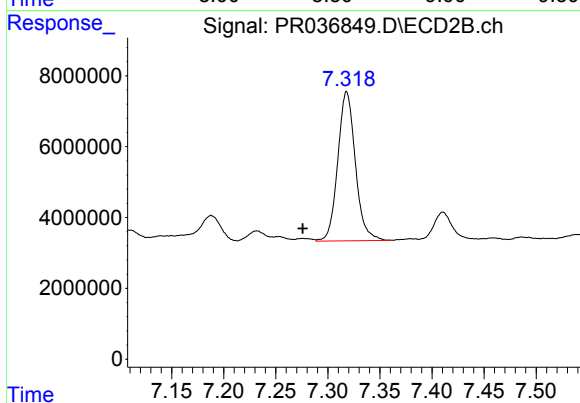
#37 AR-1262-2

R.T.: 7.001 min
Delta R.T.: 0.001 min
Response: 1809848
Conc: 1.32 ng/ml



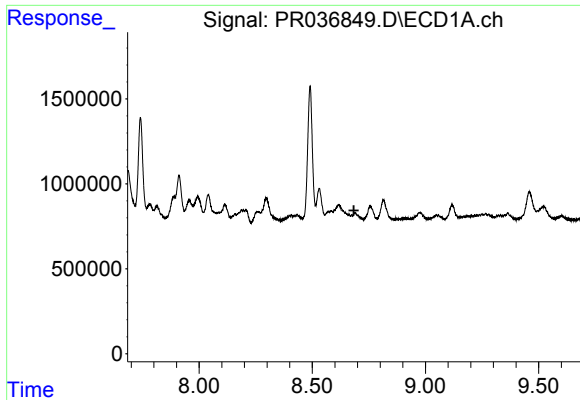
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.595 min
Response: 0
Conc: N.D.



#38 AR-1262-3

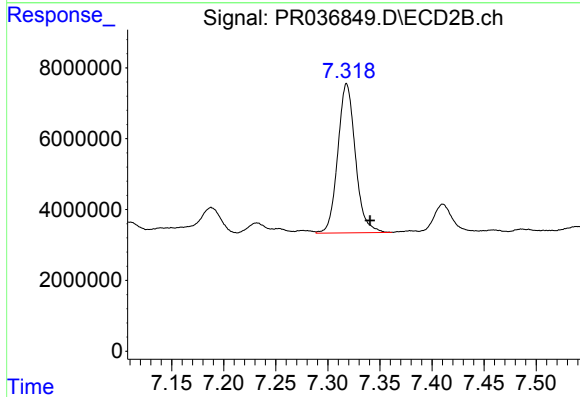
R.T.: 7.318 min
Delta R.T.: 0.042 min
Response: 49479291
Conc: 90.64 ng/ml



#39 AR-1262-4

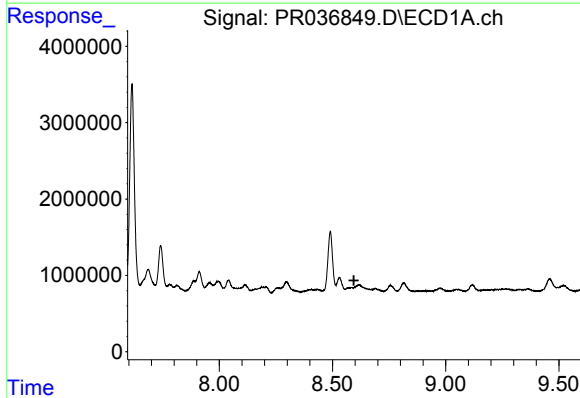
R.T.: 0.000 min
Exp R.T.: 8.684 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-14



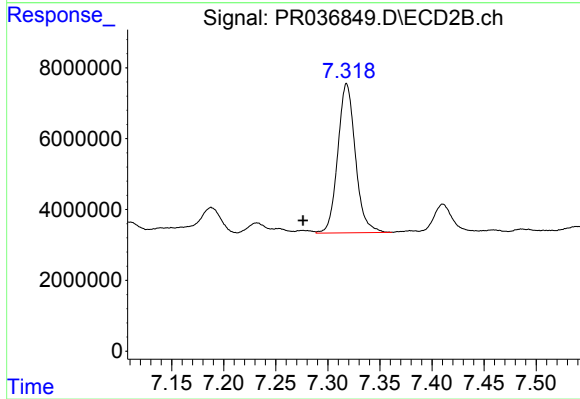
#39 AR-1262-4

R.T.: 7.318 min
Delta R.T.: -0.022 min
Response: 49479291
Conc: 53.86 ng/ml



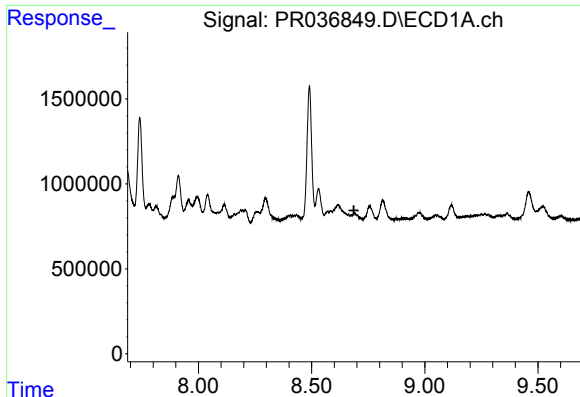
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.595 min
Response: 0
Conc: N.D.



#41 AR-1268-1

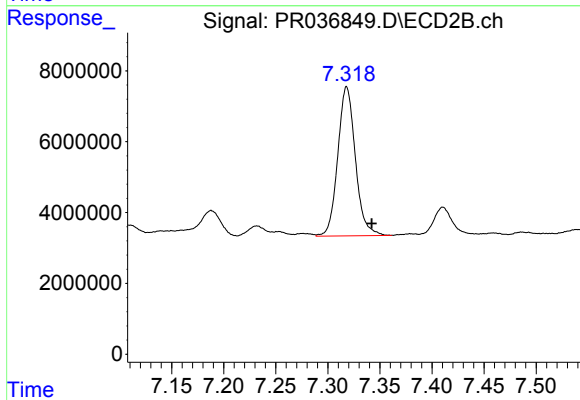
R.T.: 7.318 min
Delta R.T.: 0.042 min
Response: 49479291
Conc: 33.43 ng/ml



#42 AR-1268-2

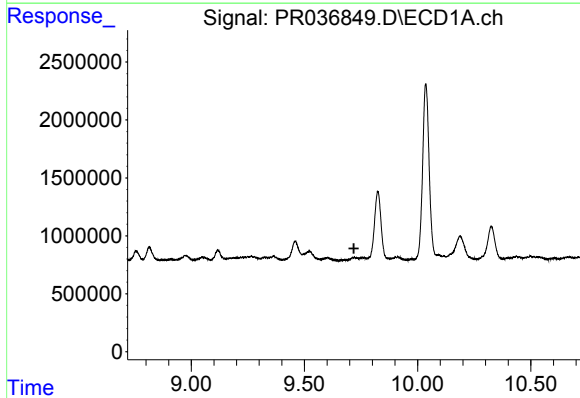
R.T.: 0.000 min
Exp R.T.: 8.687 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-14



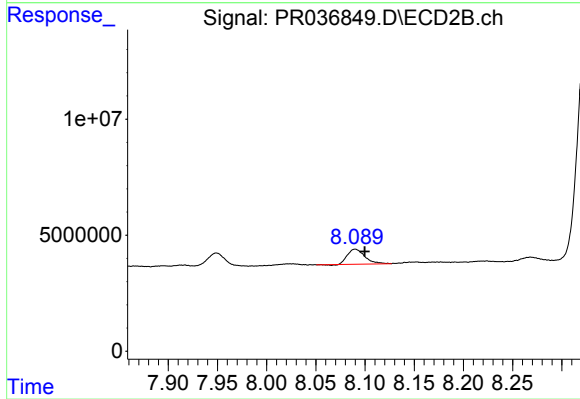
#42 AR-1268-2

R.T.: 7.318 min
Delta R.T.: -0.024 min
Response: 49479291
Conc: 39.41 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.719 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.090 min
Delta R.T.: -0.010 min
Response: 7880034
Conc: 2.61 ng/ml