

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040319\
 Data File : PR036850.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2019 22:27
 Operator : SM\SJ
 Sample : K2231-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 RICH-REC-ROAD-STONE-13

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 07:24:16 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	26668775	104.3E6	16.740	17.799
2)	SA Decachlor...	10.036	8.324	23866690	96334450	12.739	12.069
Target Compounds							
3)	L1 AR-1016-1	5.492	4.538	3435902	3747331	53.009	15.517 #
4)	L1 AR-1016-2	0.000	4.538	0	3747331	N.D.	9.599 #
5)	L1 AR-1016-3	0.000	4.704	0	3360933	N.D.	17.230 #
6)	L1 AR-1016-4	5.709	4.704	6000163	3360933	113.918	22.133 #
7)	L1 AR-1016-5	5.988	4.958	6235689	4122290	114.543	19.835 #
10)	L2 AR-1221-3	0.000	3.873	0	16865493	N.D.	112.028 #
11)	L3 AR-1232-1	0.000	3.873	0	16865493	N.D.	178.381 #
12)	L3 AR-1232-2	0.000	4.538	0	3747331	N.D.	31.373 #
13)	L3 AR-1232-3	0.000	4.704	0	3360933	N.D.	58.495 #
14)	L3 AR-1232-4	5.709	4.807	6000163	5639535	377.205	114.006 #
15)	L3 AR-1232-5	0.000	4.958	0	4122290	N.D.	71.927 #
16)	L4 AR-1242-1	5.492	4.538	3435902	3747331	109.404	32.795 #
17)	L4 AR-1242-2	0.000	4.538	0	3747331	N.D.	19.703 #
18)	L4 AR-1242-3	0.000	4.704	0	3360933	N.D.	35.152 #
19)	L4 AR-1242-4	5.709	4.807	6000163	5639535	230.839	62.461 #
20)	L4 AR-1242-5	6.414	5.303	3770535	38485979	122.710	278.773 #
21)	L5 AR-1248-1	5.492	4.538	3435902	3747331	133.284	38.587 #
22)	L5 AR-1248-2	0.000	4.704	0	3360933	N.D.	24.889 #
23)	L5 AR-1248-3	5.988	4.807	6235689	5639535	137.644	40.522 #
24)	L5 AR-1248-4	6.414	4.958	3770535	4122290	70.173	23.374 #
25)	L5 AR-1248-5	6.414	5.340	3770535	6574529	72.758	33.818 #
26)	L6 AR-1254-1	6.414	5.303	3770535	38485979	65.054	117.018 #
27)	L6 AR-1254-2	6.629	5.440	7940106	10897484	85.028	36.809 #
28)	L6 AR-1254-3	6.991	5.833	5862369	7671948	56.441	15.081 #
29)	L6 AR-1254-4	7.304	6.059	2658097	7525115	34.017	19.636 #
30)	L6 AR-1254-5	7.704	6.466	6035816	26236749	59.080	51.604 #
31)	L7 AR-1260-1	0.000	5.960	0	7828186	N.D.	17.898 #
32)	L7 AR-1260-2	7.395	6.144	16512501	9954221	134.568	15.219 #
33)	L7 AR-1260-3	7.704	6.295	6035816	5325809	62.878	10.070 #
34)	L7 AR-1260-4	0.000	6.759	0	11904479	N.D.	25.527 #
35)	L7 AR-1260-5	0.000	6.999	0	7060766	N.D.	5.303 #
36)	L8 AR-1262-1	7.704	6.574	6035816	15565451	51.471	56.784
37)	L8 AR-1262-2	0.000	6.999	0	7060766	N.D.	5.151 #
38)	L8 AR-1262-3	0.000	7.318	0	19108975	N.D.	35.006 #
39)	L8 AR-1262-4	0.000	7.318	0	19108975	N.D.	20.802 #
41)	L9 AR-1268-1	0.000	7.318	0	19108975	N.D.	12.912 #
42)	L9 AR-1268-2	0.000	7.318	0	19108975	N.D.	15.221 #
45)	L9 AR-1268-5	0.000	8.092	0	2599815	N.D.	0.861 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040319\
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Operator : SM\SJ
Sample : K2231-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

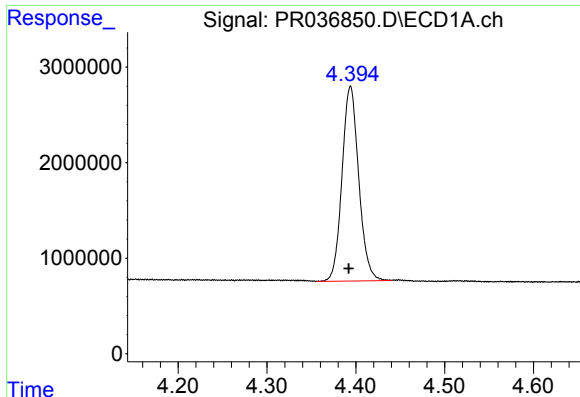
Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-13

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 07:24:16 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040219.M
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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
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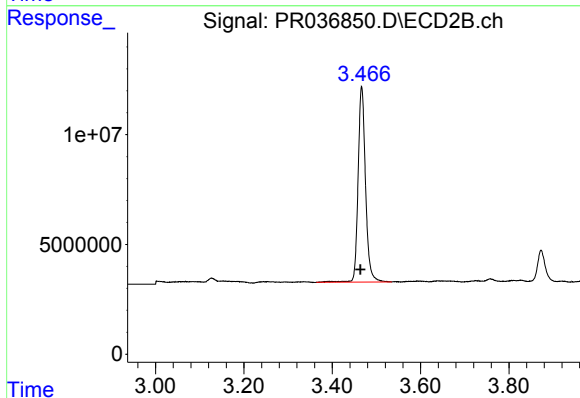
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

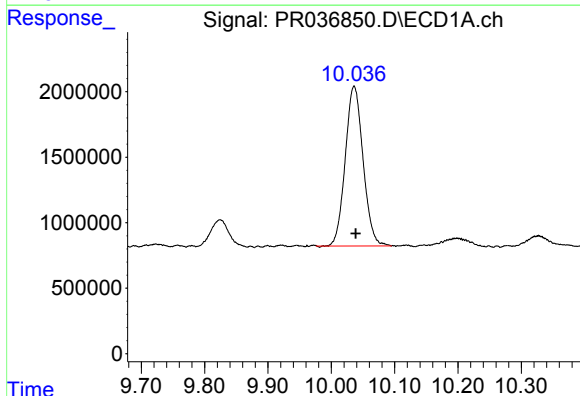
R.T.: 4.394 min
Delta R.T.: 0.002 min
Response: 26668775
Conc: 16.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-13



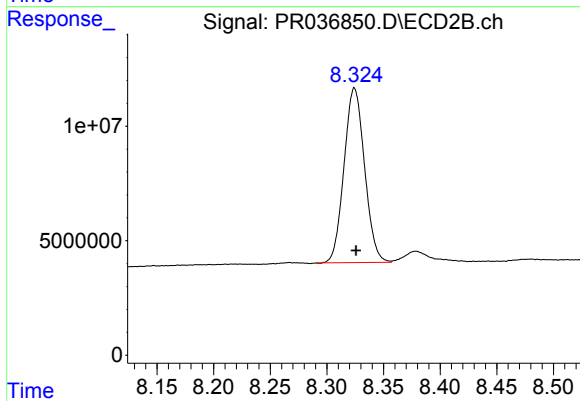
#1 Tetrachloro-m-xylene

R.T.: 3.467 min
Delta R.T.: 0.003 min
Response: 104267898
Conc: 17.80 ng/ml



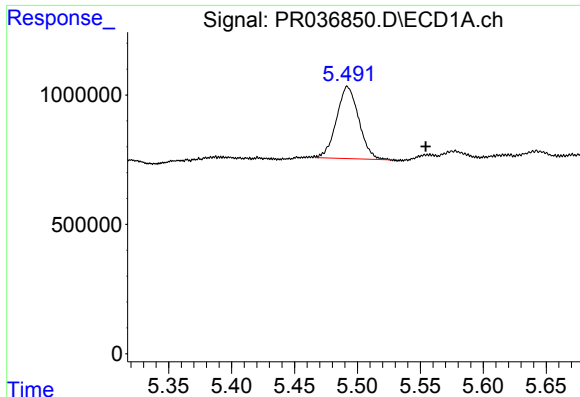
#2 Decachlorobiphenyl

R.T.: 10.036 min
Delta R.T.: -0.003 min
Response: 23866690
Conc: 12.74 ng/ml



#2 Decachlorobiphenyl

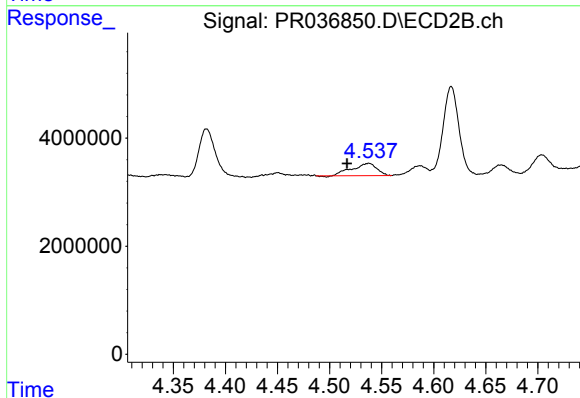
R.T.: 8.324 min
Delta R.T.: -0.001 min
Response: 96334450
Conc: 12.07 ng/ml



#3 AR-1016-1

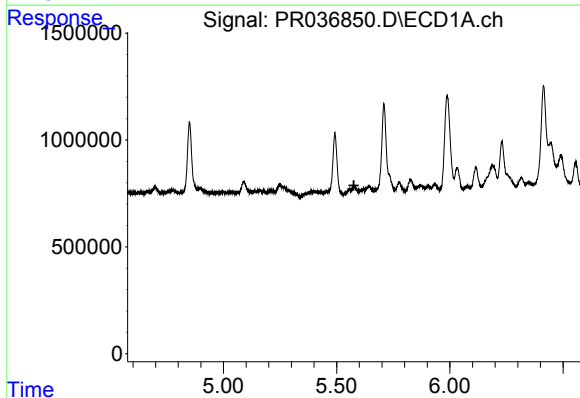
R.T.: 5.492 min
Delta R.T.: -0.062 min
Response: 3435902
Conc: 53.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-13



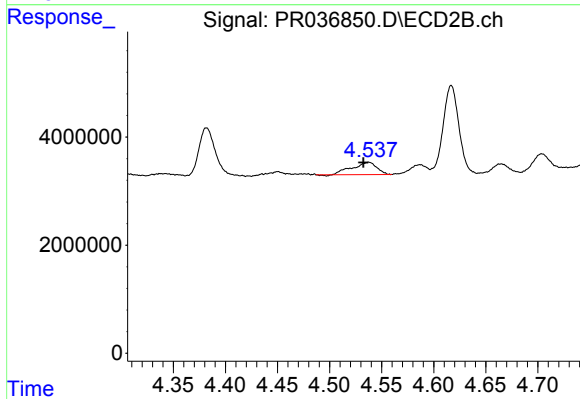
#3 AR-1016-1

R.T.: 4.538 min
Delta R.T.: 0.021 min
Response: 3747331
Conc: 15.52 ng/ml



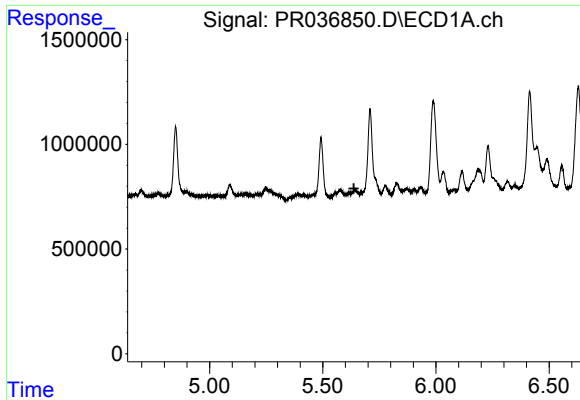
#4 AR-1016-2

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



#4 AR-1016-2

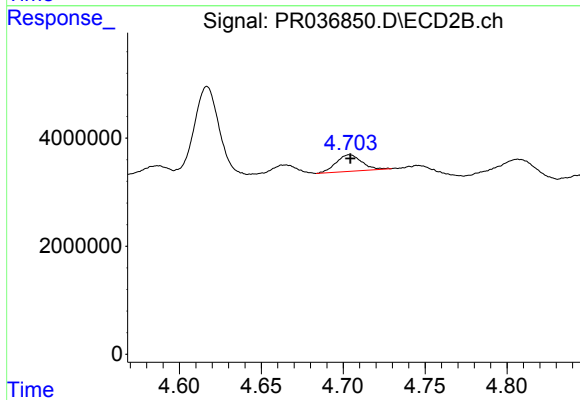
R.T.: 4.538 min
Delta R.T.: 0.005 min
Response: 3747331
Conc: 9.60 ng/ml



#5 AR-1016-3

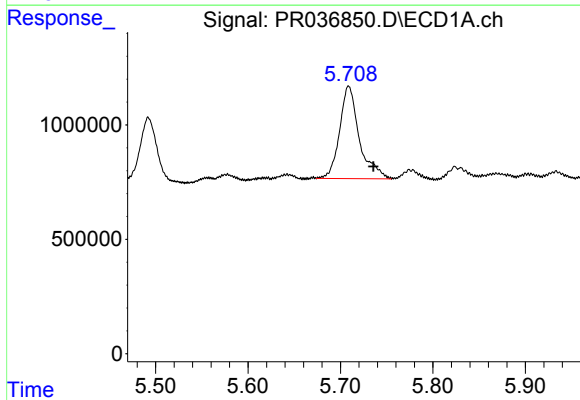
R.T.: 0.000 min
Exp R.T.: 5.638 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-13



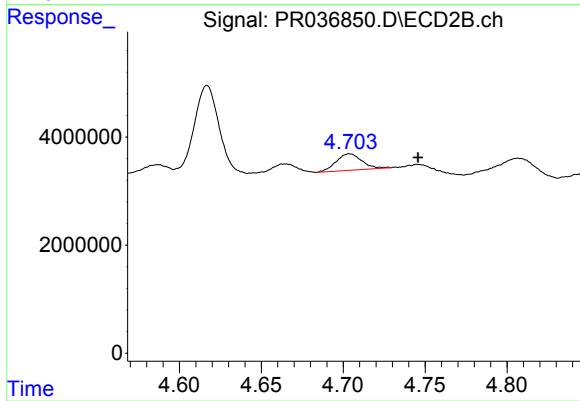
#5 AR-1016-3

R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 3360933
Conc: 17.23 ng/ml



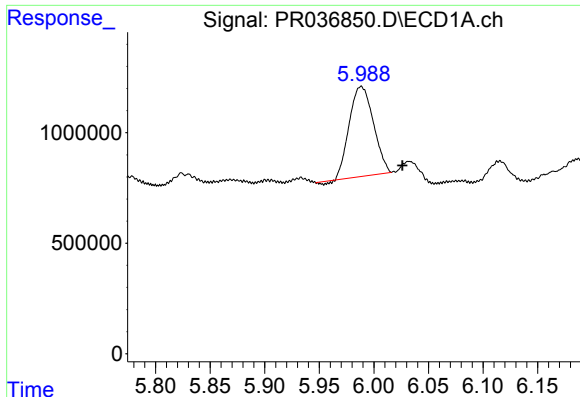
#6 AR-1016-4

R.T.: 5.709 min
Delta R.T.: -0.027 min
Response: 6000163
Conc: 113.92 ng/ml



#6 AR-1016-4

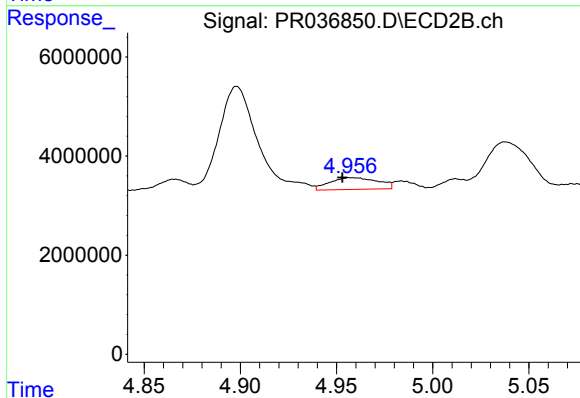
R.T.: 4.704 min
Delta R.T.: -0.042 min
Response: 3360933
Conc: 22.13 ng/ml



#7 AR-1016-5

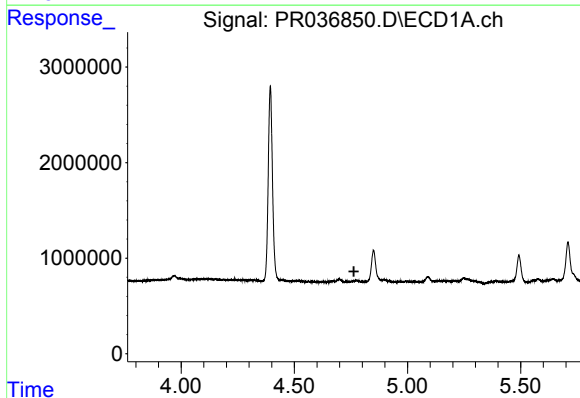
R.T.: 5.988 min
Delta R.T.: -0.038 min
Response: 6235689
Conc: 114.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-13



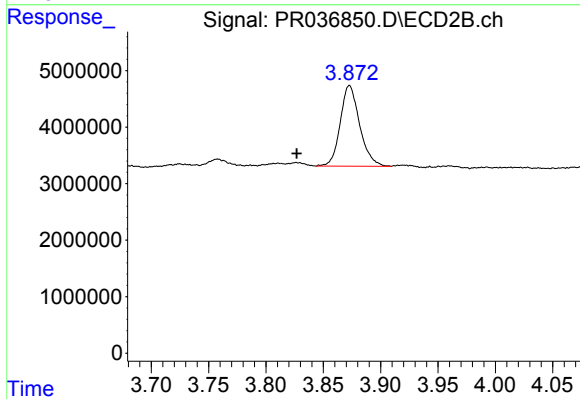
#7 AR-1016-5

R.T.: 4.958 min
Delta R.T.: 0.005 min
Response: 4122290
Conc: 19.84 ng/ml



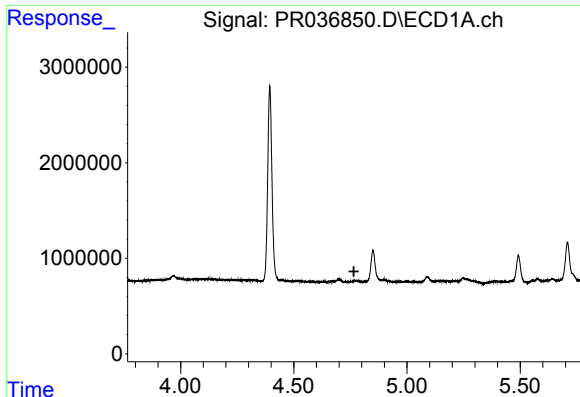
#10 AR-1221-3

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



#10 AR-1221-3

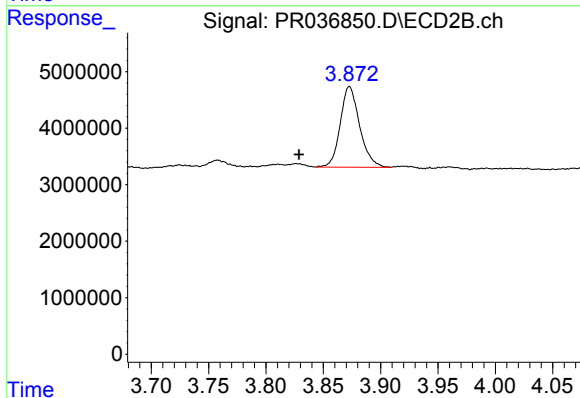
R.T.: 3.873 min
Delta R.T.: 0.046 min
Response: 16865493
Conc: 112.03 ng/ml



#11 AR-1232-1

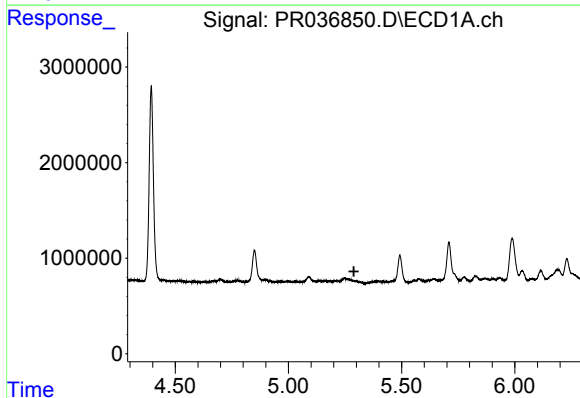
R.T.: 0.000 min
Exp R.T.: 4.766 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-13



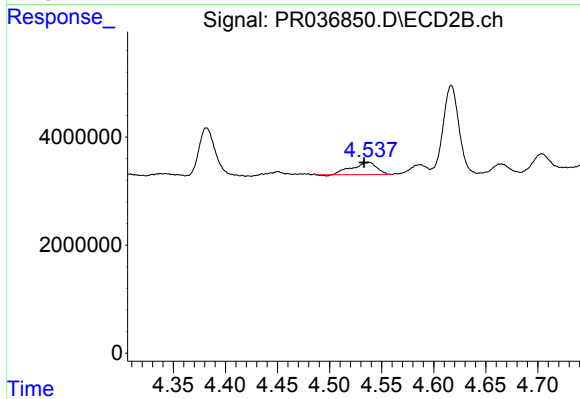
#11 AR-1232-1

R.T.: 3.873 min
Delta R.T.: 0.044 min
Response: 16865493
Conc: 178.38 ng/ml



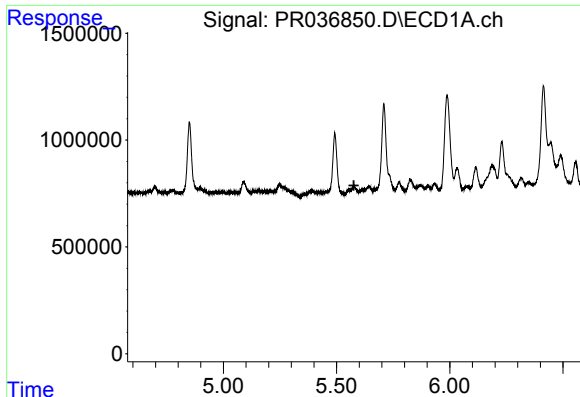
#12 AR-1232-2

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



#12 AR-1232-2

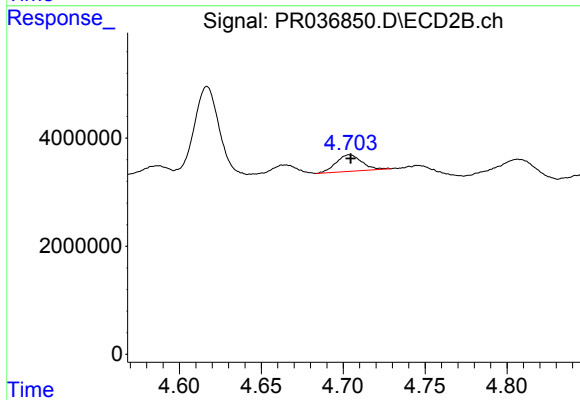
R.T.: 4.538 min
Delta R.T.: 0.004 min
Response: 3747331
Conc: 31.37 ng/ml



#13 AR-1232-3

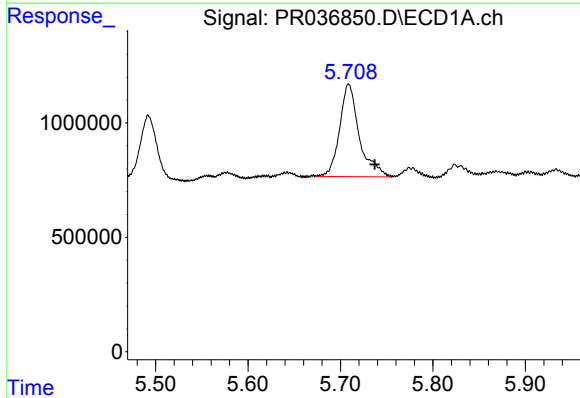
R.T.: 0.000 min
Exp R.T.: 5.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-13



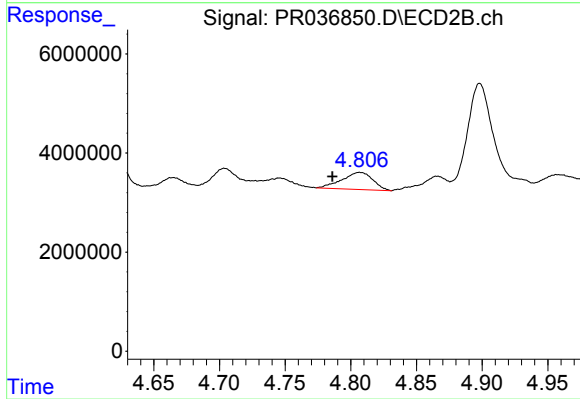
#13 AR-1232-3

R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 3360933
Conc: 58.50 ng/ml



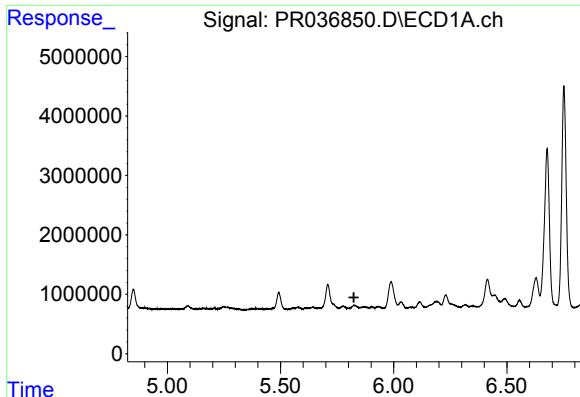
#14 AR-1232-4

R.T.: 5.709 min
Delta R.T.: -0.028 min
Response: 6000163
Conc: 377.21 ng/ml



#14 AR-1232-4

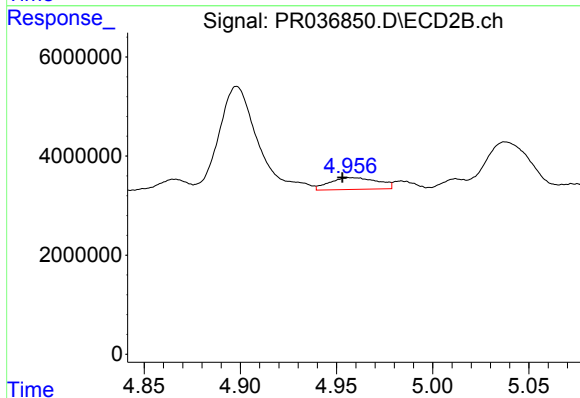
R.T.: 4.807 min
Delta R.T.: 0.021 min
Response: 5639535
Conc: 114.01 ng/ml



#15 AR-1232-5

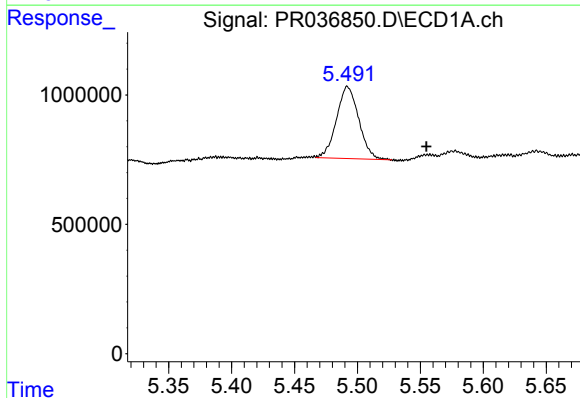
R.T.: 0.000 min
Exp R.T.: 5.824 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-13



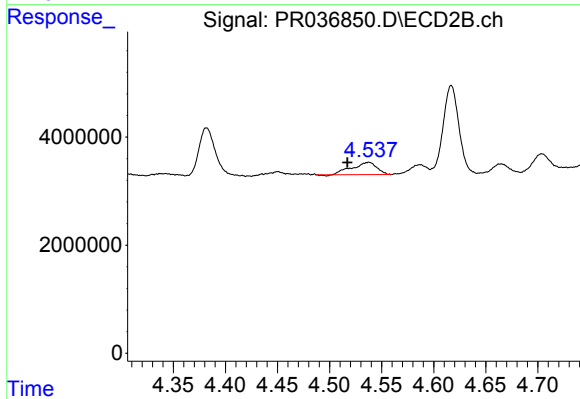
#15 AR-1232-5

R.T.: 4.958 min
Delta R.T.: 0.005 min
Response: 4122290
Conc: 71.93 ng/ml



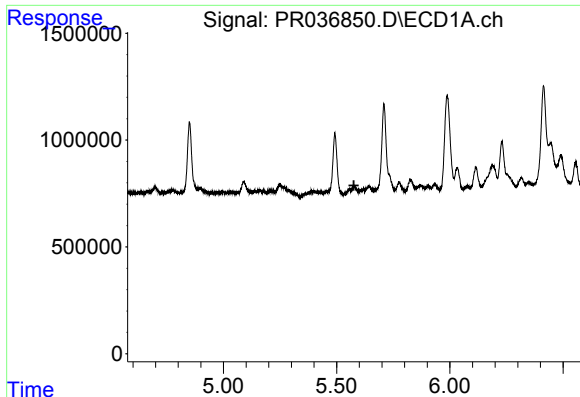
#16 AR-1242-1

R.T.: 5.492 min
Delta R.T.: -0.063 min
Response: 3435902
Conc: 109.40 ng/ml



#16 AR-1242-1

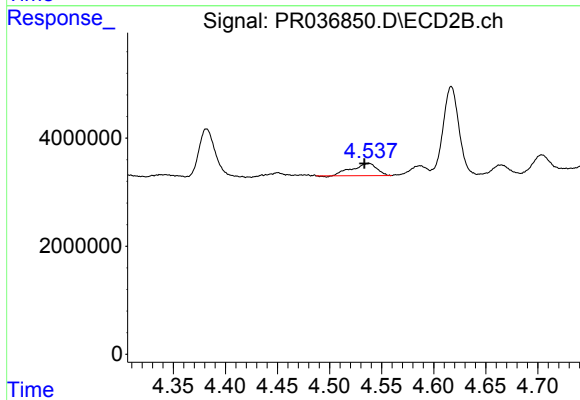
R.T.: 4.538 min
Delta R.T.: 0.021 min
Response: 3747331
Conc: 32.79 ng/ml



#17 AR-1242-2

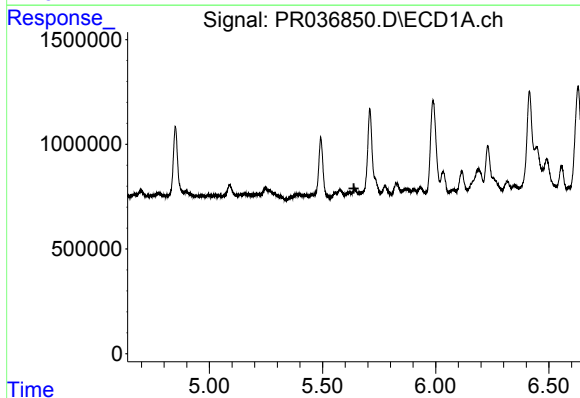
R.T.: 0.000 min
Exp R.T.: 5.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-13



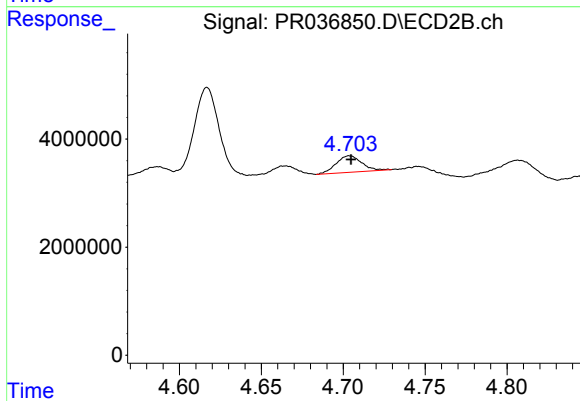
#17 AR-1242-2

R.T.: 4.538 min
Delta R.T.: 0.004 min
Response: 3747331
Conc: 19.70 ng/ml



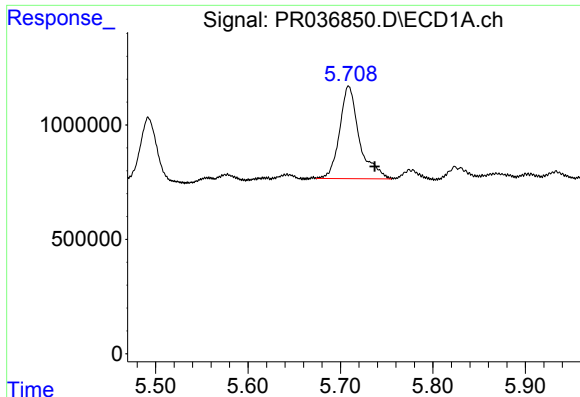
#18 AR-1242-3

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



#18 AR-1242-3

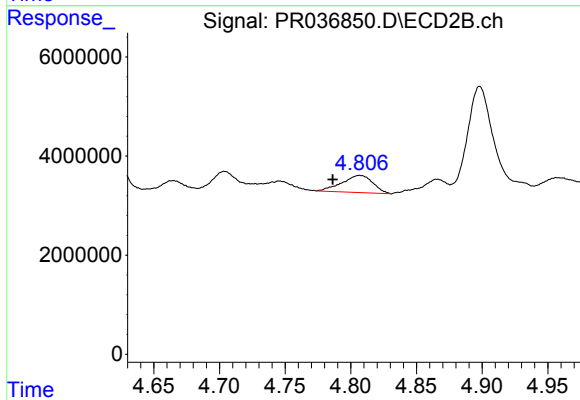
R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 3360933
Conc: 35.15 ng/ml



#19 AR-1242-4

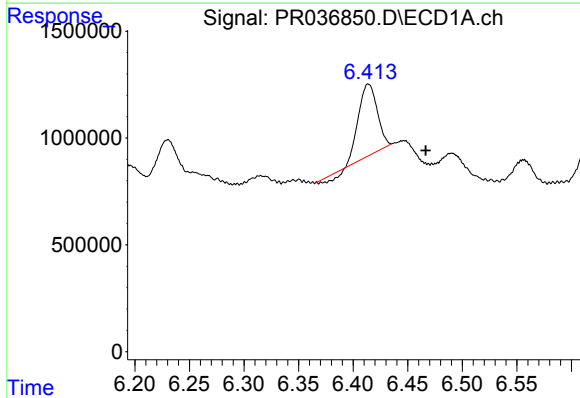
R.T.: 5.709 min
Delta R.T.: -0.028 min
Response: 6000163
Conc: 230.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-13



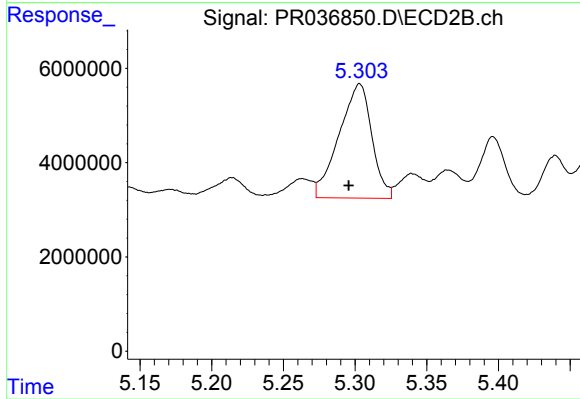
#19 AR-1242-4

R.T.: 4.807 min
Delta R.T.: 0.021 min
Response: 5639535
Conc: 62.46 ng/ml



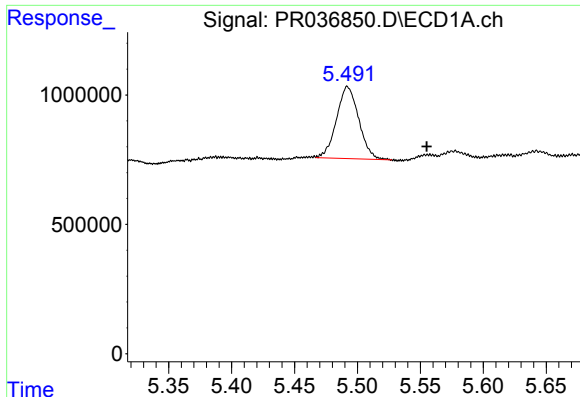
#20 AR-1242-5

R.T.: 6.414 min
Delta R.T.: -0.053 min
Response: 3770535
Conc: 122.71 ng/ml



#20 AR-1242-5

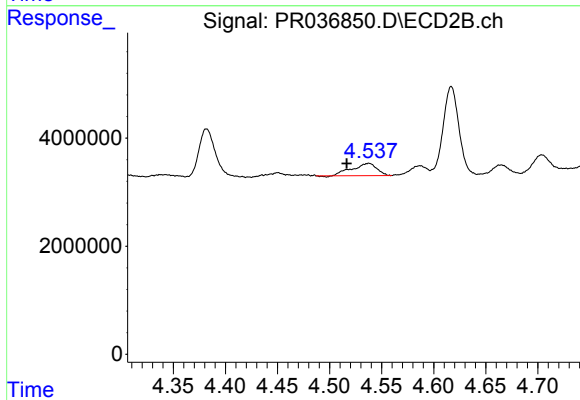
R.T.: 5.303 min
Delta R.T.: 0.008 min
Response: 38485979
Conc: 278.77 ng/ml



#21 AR-1248-1

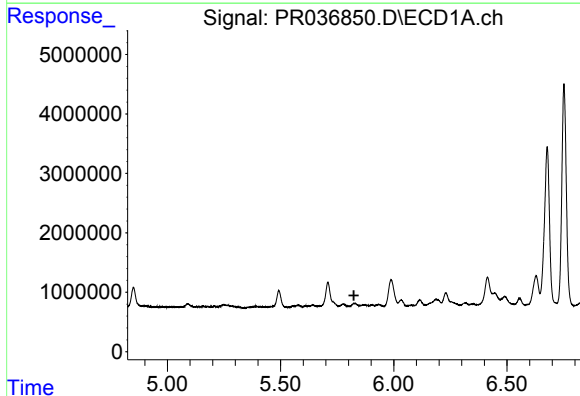
R.T.: 5.492 min
Delta R.T.: -0.063 min
Response: 3435902
Conc: 133.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-13



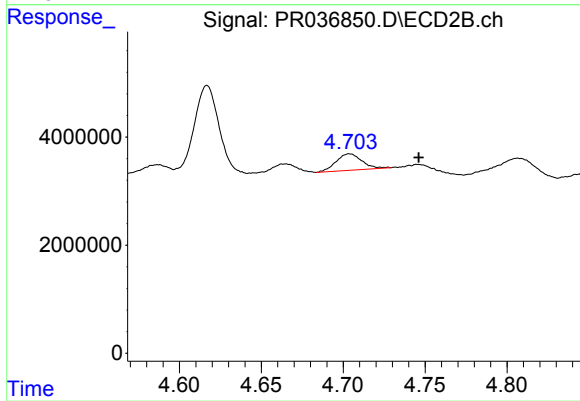
#21 AR-1248-1

R.T.: 4.538 min
Delta R.T.: 0.021 min
Response: 3747331
Conc: 38.59 ng/ml



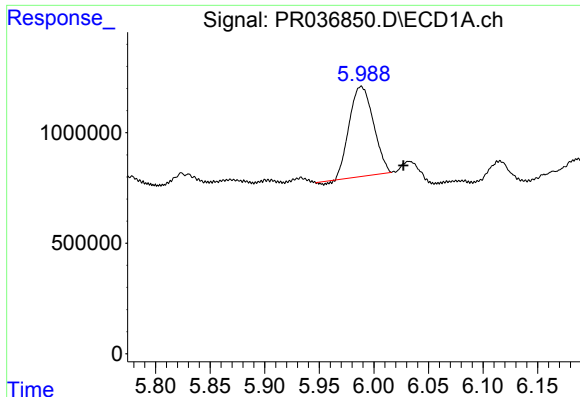
#22 AR-1248-2

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



#22 AR-1248-2

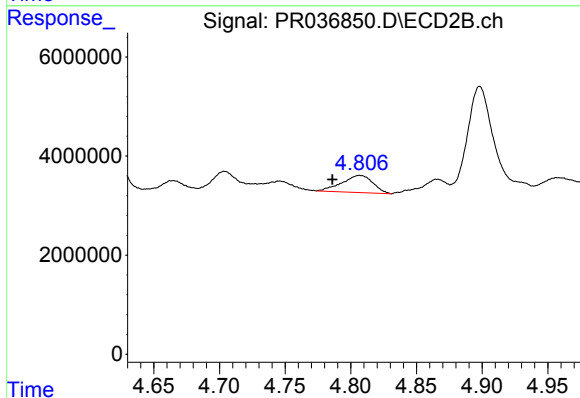
R.T.: 4.704 min
Delta R.T.: -0.042 min
Response: 3360933
Conc: 24.89 ng/ml



#23 AR-1248-3

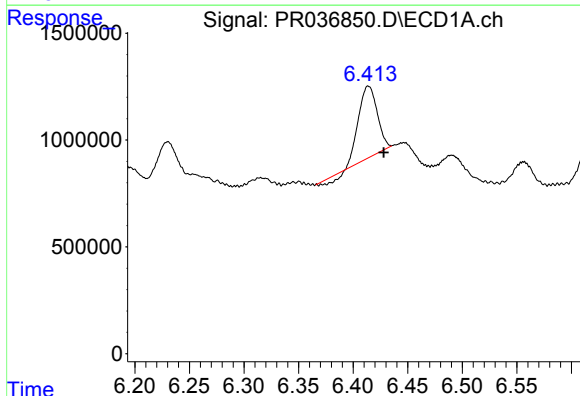
R.T.: 5.988 min
Delta R.T.: -0.039 min
Response: 6235689
Conc: 137.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-13



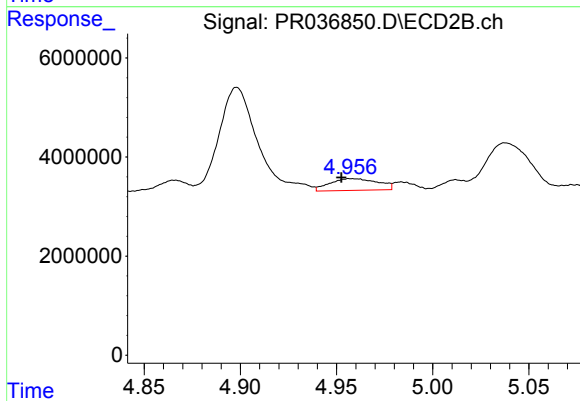
#23 AR-1248-3

R.T.: 4.807 min
Delta R.T.: 0.021 min
Response: 5639535
Conc: 40.52 ng/ml



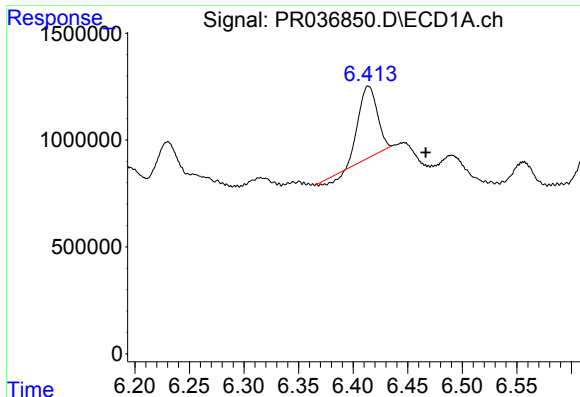
#24 AR-1248-4

R.T.: 6.414 min
Delta R.T.: -0.014 min
Response: 3770535
Conc: 70.17 ng/ml



#24 AR-1248-4

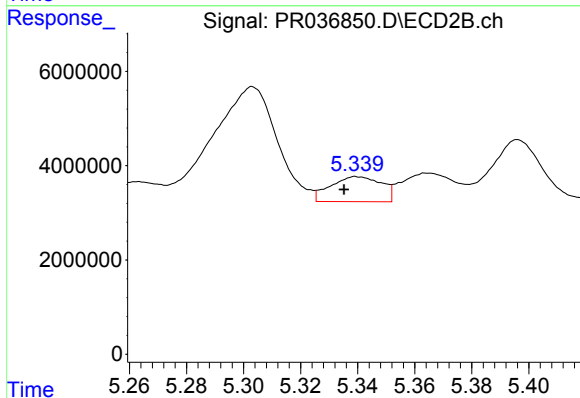
R.T.: 4.958 min
Delta R.T.: 0.005 min
Response: 4122290
Conc: 23.37 ng/ml



#25 AR-1248-5

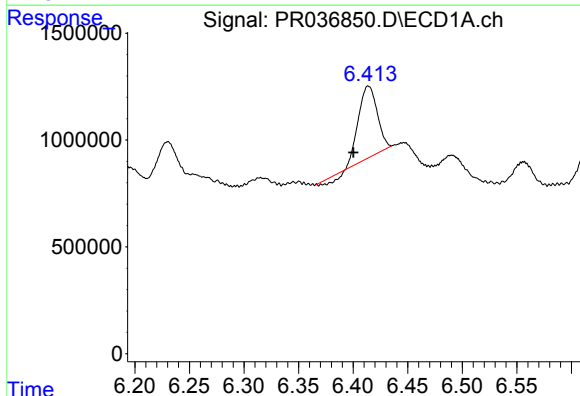
R.T.: 6.414 min
Delta R.T.: -0.052 min
Response: 3770535
Conc: 72.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-13



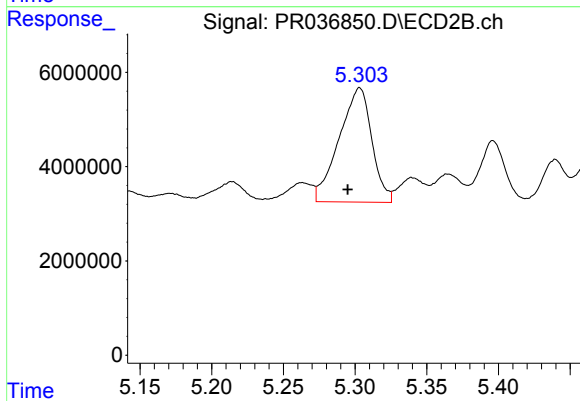
#25 AR-1248-5

R.T.: 5.340 min
Delta R.T.: 0.004 min
Response: 6574529
Conc: 33.82 ng/ml



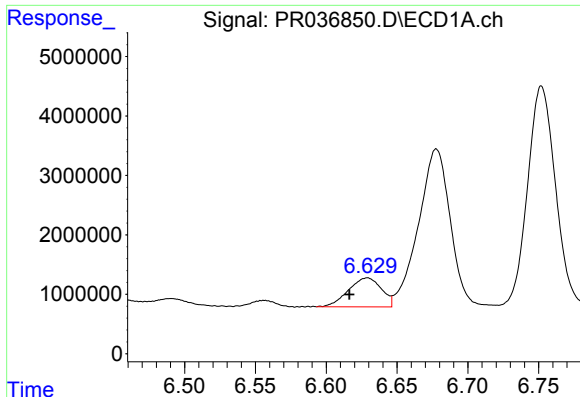
#26 AR-1254-1

R.T.: 6.414 min
Delta R.T.: 0.014 min
Response: 3770535
Conc: 65.05 ng/ml



#26 AR-1254-1

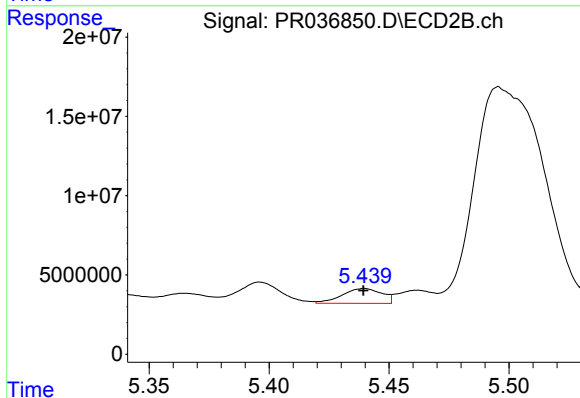
R.T.: 5.303 min
Delta R.T.: 0.008 min
Response: 38485979
Conc: 117.02 ng/ml



#27 AR-1254-2

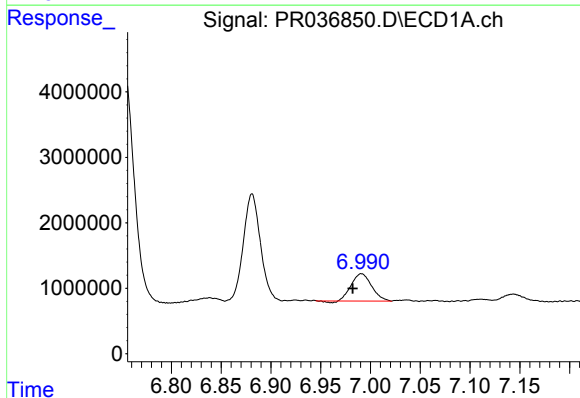
R.T.: 6.629 min
Delta R.T.: 0.013 min
Response: 7940106
Conc: 85.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-13



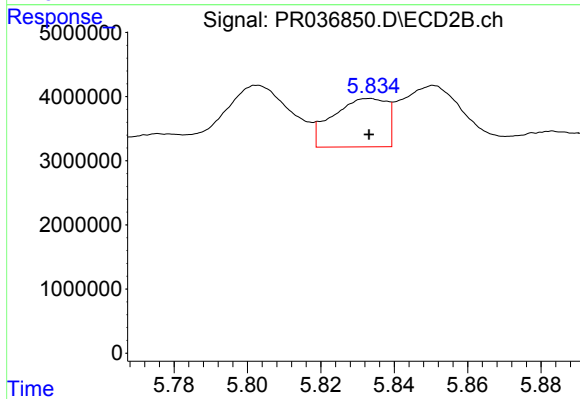
#27 AR-1254-2

R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 10897484
Conc: 36.81 ng/ml



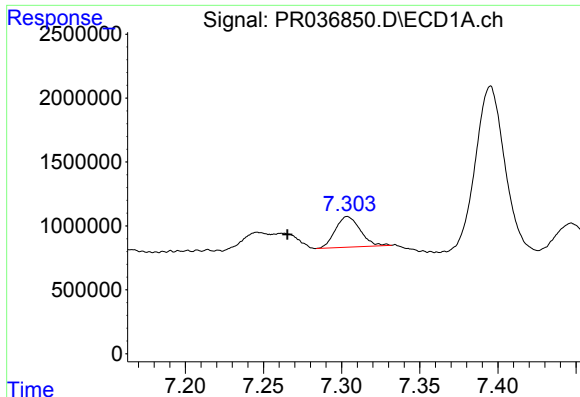
#28 AR-1254-3

R.T.: 6.991 min
Delta R.T.: 0.009 min
Response: 5862369
Conc: 56.44 ng/ml



#28 AR-1254-3

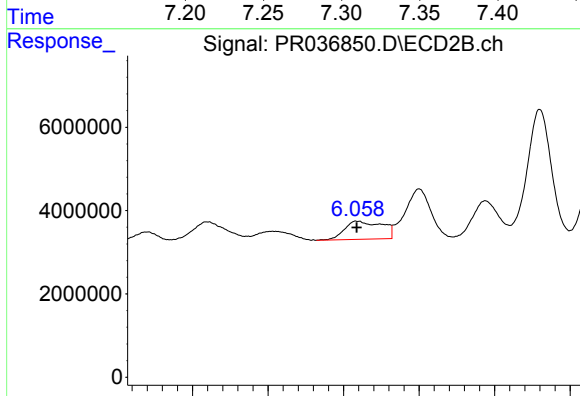
R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 7671948
Conc: 15.08 ng/ml



#29 AR-1254-4

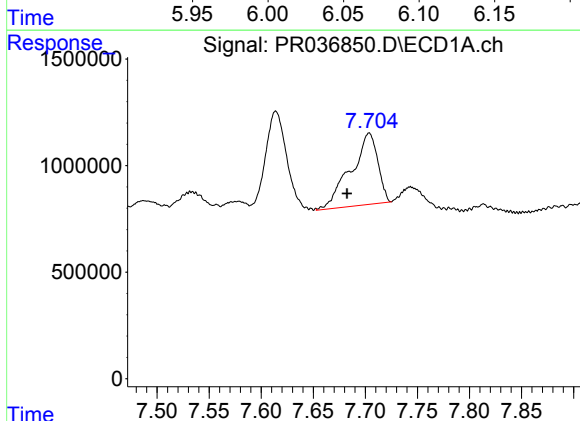
R.T.: 7.304 min
Delta R.T.: 0.038 min
Response: 2658097
Conc: 34.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-13



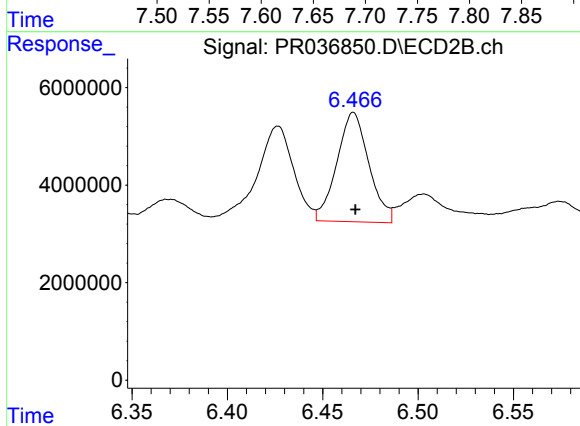
#29 AR-1254-4

R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 7525115
Conc: 19.64 ng/ml



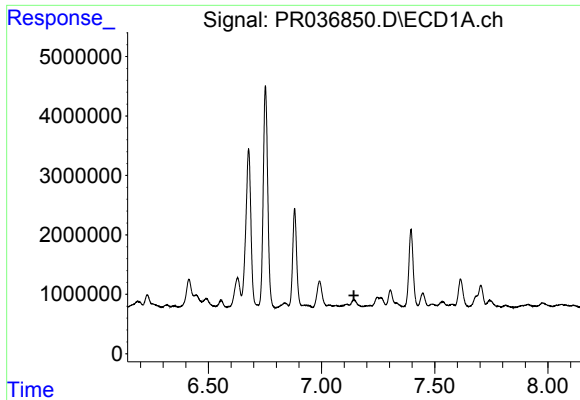
#30 AR-1254-5

R.T.: 7.704 min
Delta R.T.: 0.021 min
Response: 6035816
Conc: 59.08 ng/ml



#30 AR-1254-5

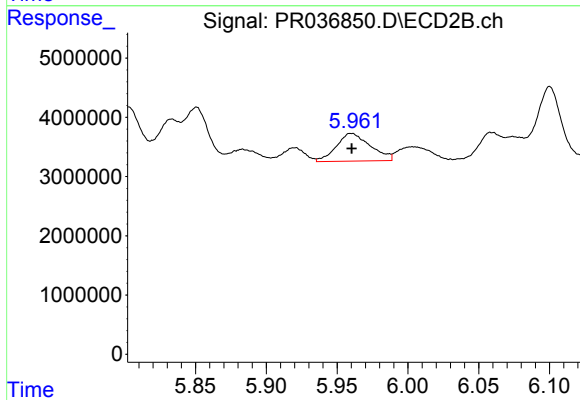
R.T.: 6.466 min
Delta R.T.: -0.001 min
Response: 26236749
Conc: 51.60 ng/ml



#31 AR-1260-1

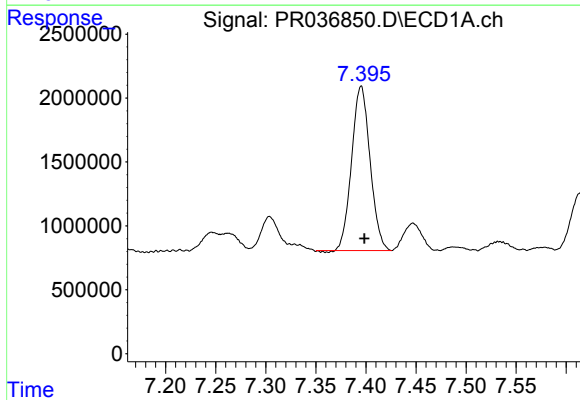
R.T.: 0.000 min
Exp R.T.: 7.143 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-13



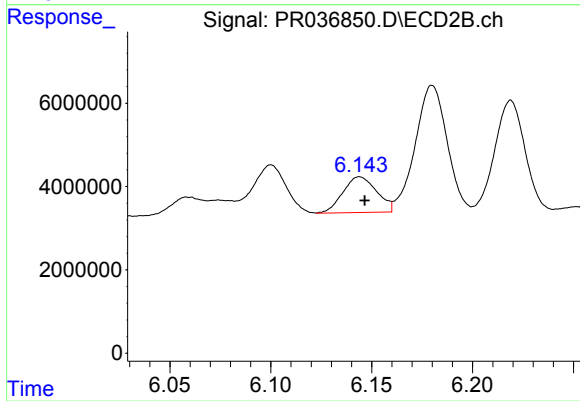
#31 AR-1260-1

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 7828186
Conc: 17.90 ng/ml



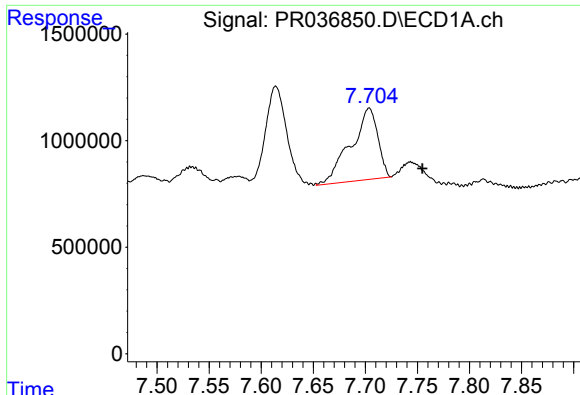
#32 AR-1260-2

R.T.: 7.395 min
Delta R.T.: -0.003 min
Response: 16512501
Conc: 134.57 ng/ml



#32 AR-1260-2

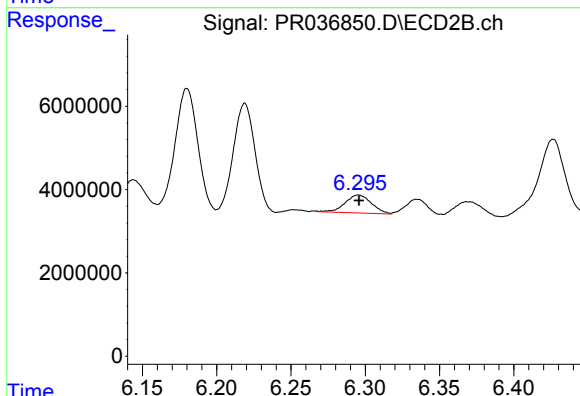
R.T.: 6.144 min
Delta R.T.: -0.002 min
Response: 9954221
Conc: 15.22 ng/ml



#33 AR-1260-3

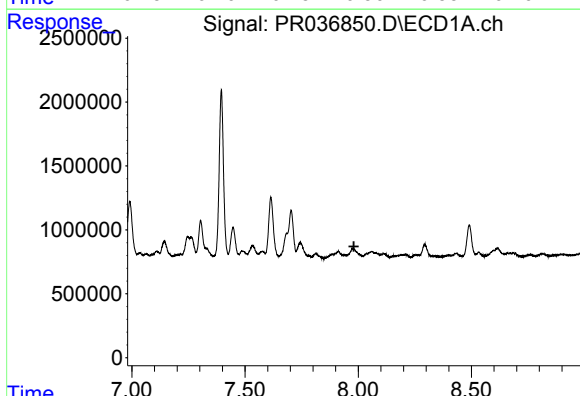
R.T.: 7.704 min
Delta R.T.: -0.051 min
Response: 6035816
Conc: 62.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-13



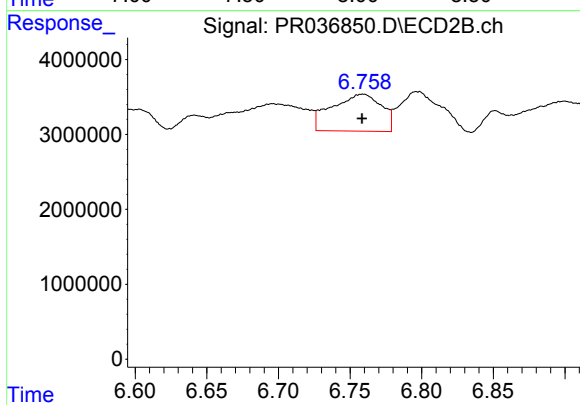
#33 AR-1260-3

R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 5325809
Conc: 10.07 ng/ml



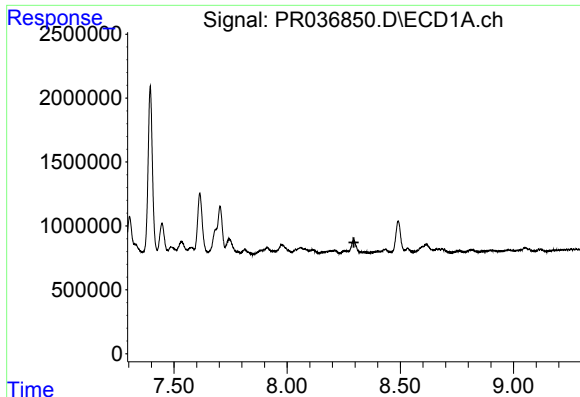
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.981 min
Response: 0
Conc: N.D.



#34 AR-1260-4

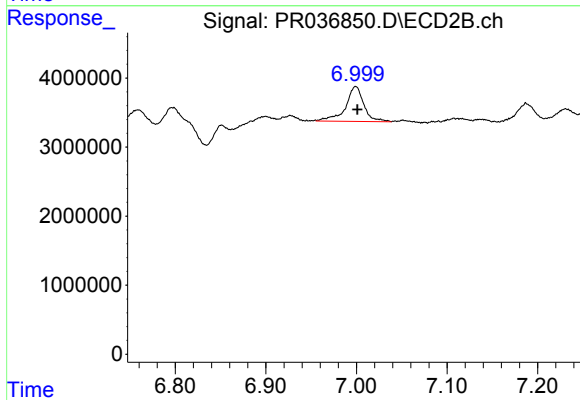
R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 11904479
Conc: 25.53 ng/ml



#35 AR-1260-5

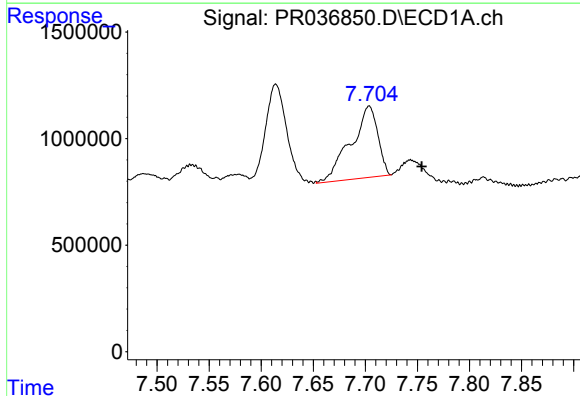
R.T.: 0.000 min
Exp R.T.: 8.295 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-13



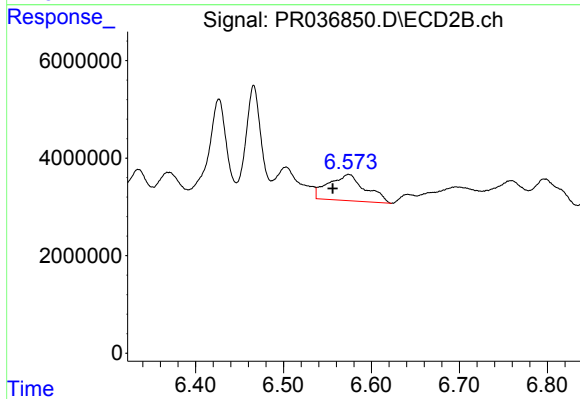
#35 AR-1260-5

R.T.: 6.999 min
Delta R.T.: -0.002 min
Response: 7060766
Conc: 5.30 ng/ml



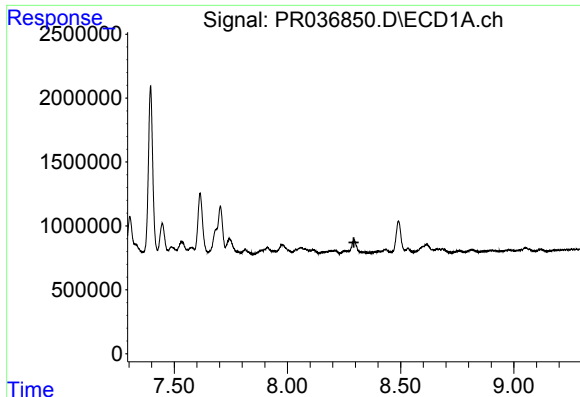
#36 AR-1262-1

R.T.: 7.704 min
Delta R.T.: -0.050 min
Response: 6035816
Conc: 51.47 ng/ml



#36 AR-1262-1

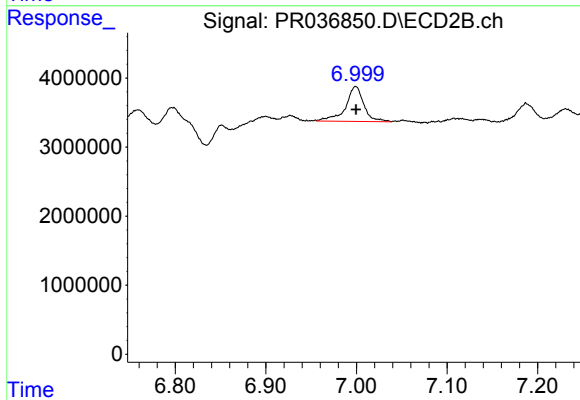
R.T.: 6.574 min
Delta R.T.: 0.018 min
Response: 15565451
Conc: 56.78 ng/ml



#37 AR-1262-2

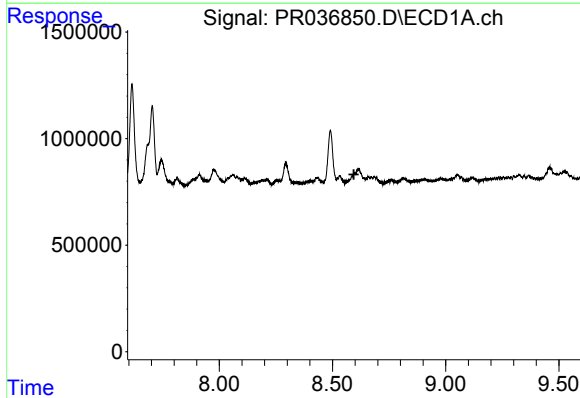
R.T.: 0.000 min
Exp R.T.: 8.294 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-13



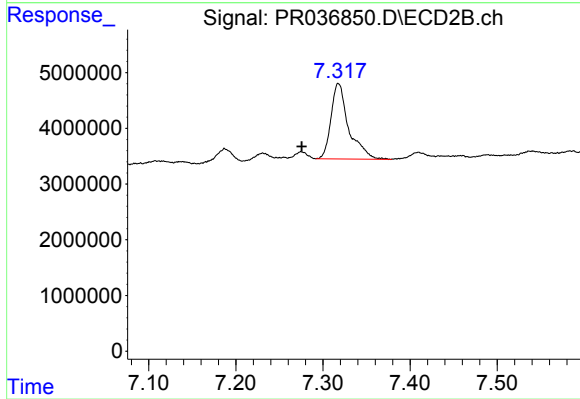
#37 AR-1262-2

R.T.: 6.999 min
Delta R.T.: 0.000 min
Response: 7060766
Conc: 5.15 ng/ml



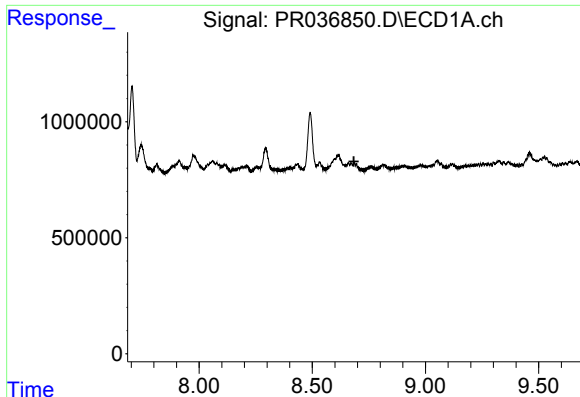
#38 AR-1262-3

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



#38 AR-1262-3

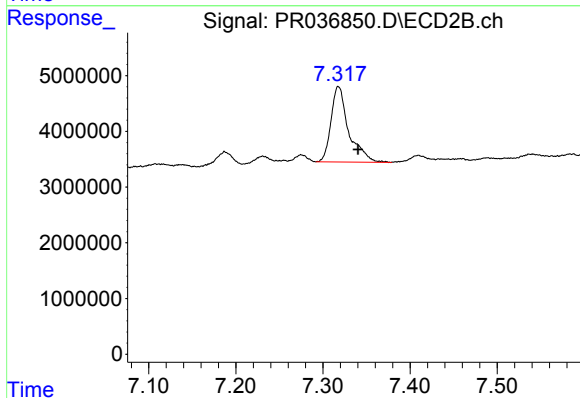
R.T.: 7.318 min
Delta R.T.: 0.042 min
Response: 19108975
Conc: 35.01 ng/ml



#39 AR-1262-4

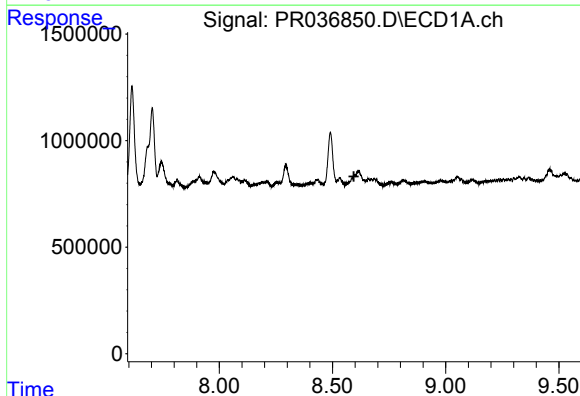
R.T.: 0.000 min
Exp R.T.: 8.684 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-13



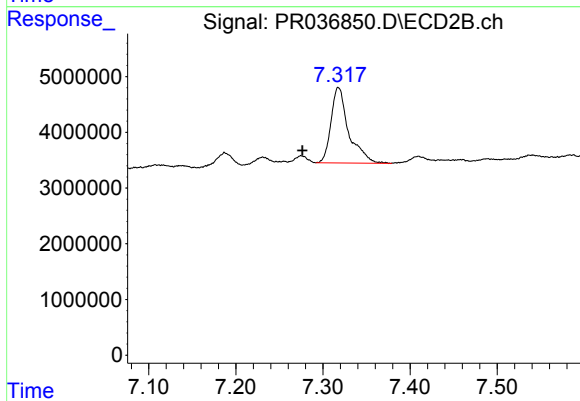
#39 AR-1262-4

R.T.: 7.318 min
Delta R.T.: -0.023 min
Response: 19108975
Conc: 20.80 ng/ml



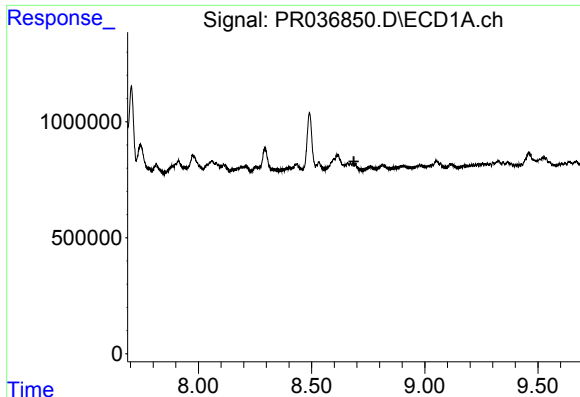
#41 AR-1268-1

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



#41 AR-1268-1

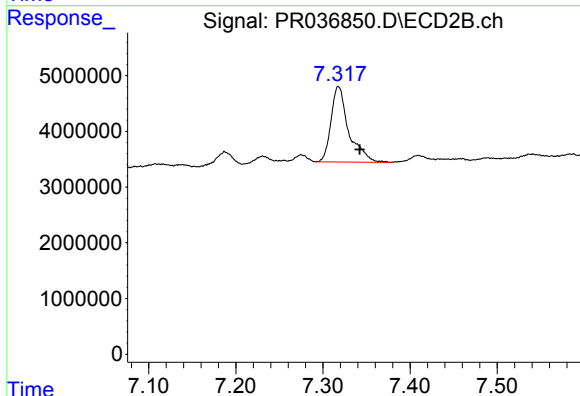
R.T.: 7.318 min
Delta R.T.: 0.042 min
Response: 19108975
Conc: 12.91 ng/ml



#42 AR-1268-2

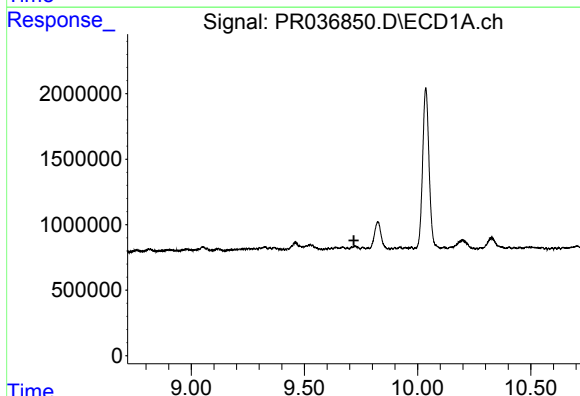
R.T.: 0.000 min
Exp R.T.: 8.687 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
RICH-REC-ROAD-STONE-13



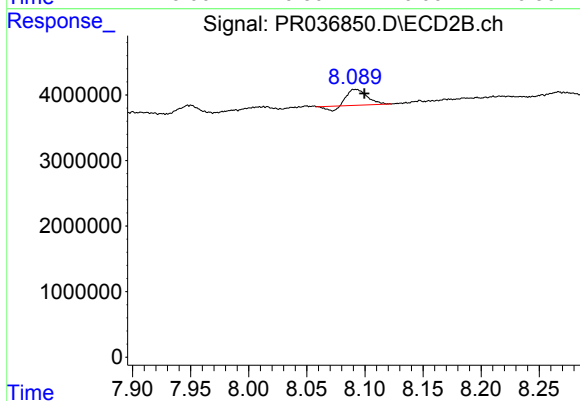
#42 AR-1268-2

R.T.: 7.318 min
Delta R.T.: -0.024 min
Response: 19108975
Conc: 15.22 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.: 8.092 min
Delta R.T.: -0.008 min
Response: 2599815
Conc: 0.86 ng/ml