

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112119\
 Data File : PL054520.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2019 14:31
 Operator : SG\AJ
 Sample : K5951-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 IRONBOUND-4FTMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 00:35:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL111819.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 19 01:04:14 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.538	4.042	242.8E6	58791896	23.348	24.132
28)	SA Decachlor...	8.319	9.120	194.9E6	54793316	22.024	22.662
Target Compounds							
2)	A alpha-BHC	3.981	4.433	1140.9E6	232.9E6	66.968	69.175
3)	MA gamma-BHC...	4.268	4.719	1033.8E6	215.2E6	68.811	69.979
4)	MA Heptachlor	4.574	5.228	1020.0E6	184.9E6	66.612	64.340
5)	MB Aldrin	4.825	5.534	963.7E6	250.3E6	68.774	94.817 #
6)	B beta-BHC	4.518	4.890	437.7E6	88200621	68.081	58.868
7)	B delta-BHC	4.726	5.107	874.4E6	151.8E6	62.435	60.250
8)	B Heptachlor...	5.270	5.920	947.9E6	168.3E6	73.390	70.804
9)	A Endosulfan I	5.612	6.277	796.4E6	145.6E6	67.231	62.089
10)	B gamma-Chl...	5.498	6.154	965.5E6	170.8E6	75.193	68.638
11)	B alpha-Chl...	5.557	6.227	901.5E6	165.6E6	71.835	66.544
12)	B 4,4'-DDE	5.720	6.383	810.9E6	158.6E6	70.109	66.414
13)	MA Dieldrin	5.856	6.534	791.5E6	155.0E6	64.719	63.985
14)	MA Endrin	6.115	6.752	594.6E6	113.1E6	53.826	53.339
15)	B Endosulfa...	6.388	6.961	609.1E6	133.8E6	58.150	61.535
16)	A 4,4'-DDD	6.237	6.873	538.5E6	122.1E6	65.286	68.973
17)	MA 4,4'-DDT	6.480	7.172	562.7E6	120.6E6	62.061	61.459
18)	B Endrin al...	6.556	7.085	496.0E6	113.0E6	57.912	59.747
19)	B Endosulfa...	6.770	7.308	513.0E6	118.2E6	54.778	57.224
20)	A Methoxychlor	7.024	7.630	241.1E6	58798166	52.678	52.694
21)	B Endrin ke...	7.263	7.779	616.8E6	144.5E6	61.398	63.791
22)	Mirex	7.455	8.234	490.9E6	117.1E6	64.445	69.102
23)	Chlordane-1	4.439f	0.000	21772127	0	56.055	N.D. #
24)	Chlordane-2	0.000	5.534f	0	250.3E6	N.D.	2639.903 #
25)	Chlordane-3	5.498	6.154	965.5E6	170.8E6	784.155	512.663 #
26)	Chlordane-4	5.557	6.227	901.5E6	165.6E6	889.225	408.860 #
27)	Chlordane-5	6.388	0.000	609.1E6	0	1651.339	N.D. #

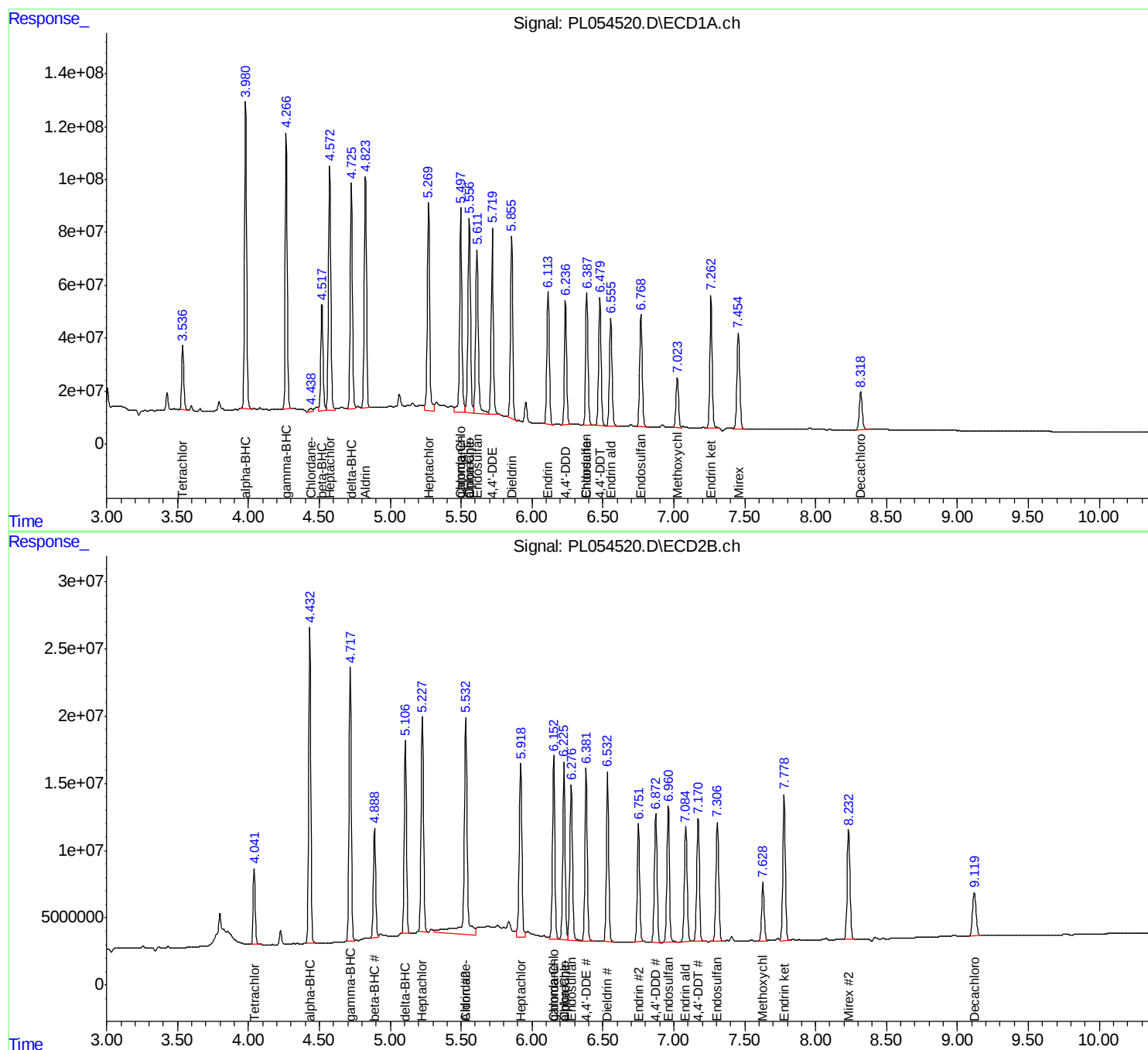
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

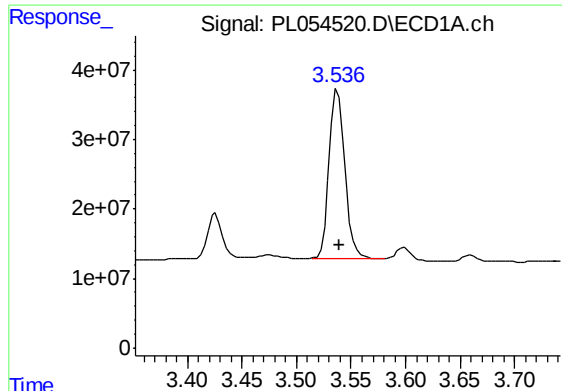
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112119\
Data File : PL054520.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2019 14:31
Operator : SG\AJ
Sample : K5951-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
IRONBOUND-4FTMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 22 00:35:17 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL111819.M
Quant Title : GC Extractables
QLast Update : Tue Nov 19 01:04:14 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

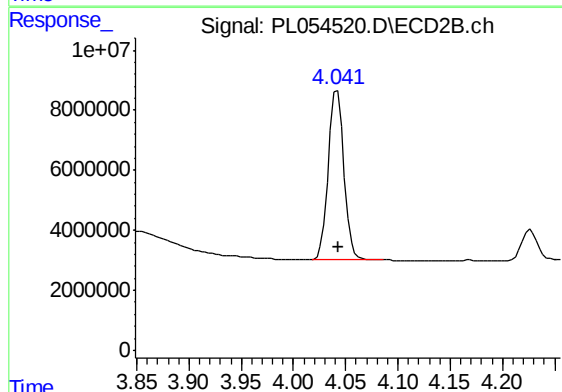




#1 Tetrachloro-m-xylene

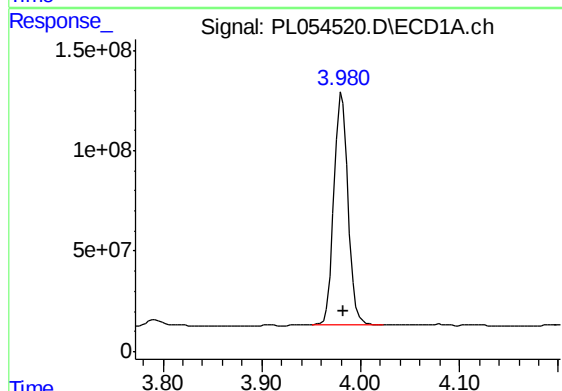
R.T.: 3.538 min
Delta R.T.: -0.001 min
Response: 242752637
Conc: 23.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
IRONBOUND-4FTMSD



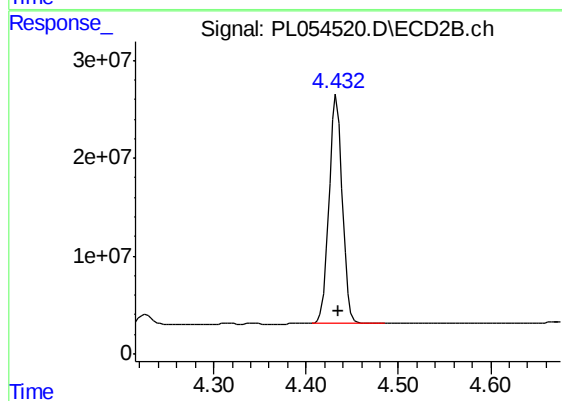
#1 Tetrachloro-m-xylene

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 58791896
Conc: 24.13 ng/ml



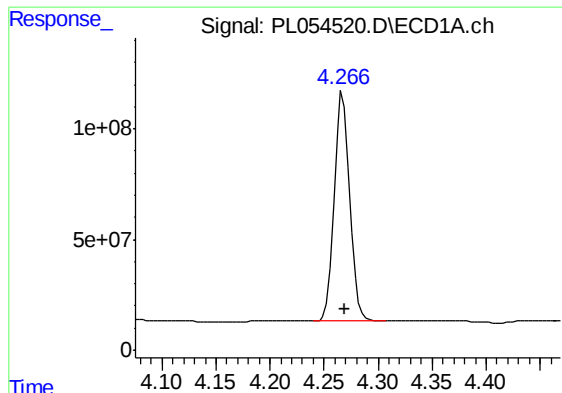
#2 alpha-BHC

R.T.: 3.981 min
Delta R.T.: -0.001 min
Response: 1140856306
Conc: 66.97 ng/ml



#2 alpha-BHC

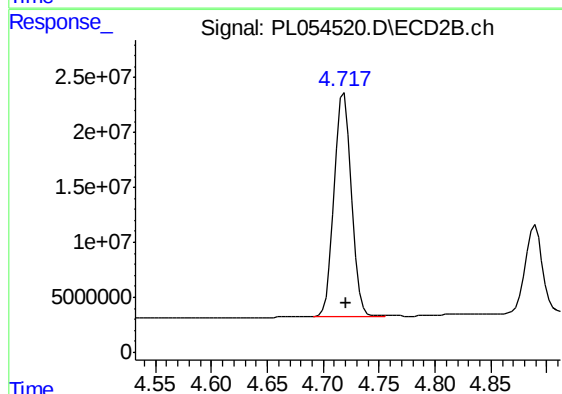
R.T.: 4.433 min
Delta R.T.: -0.002 min
Response: 232913060
Conc: 69.17 ng/ml



#3 gamma-BHC (Lindane)

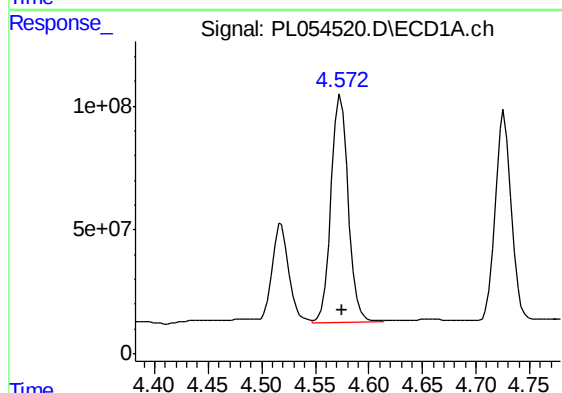
R.T.: 4.268 min
Delta R.T.: -0.002 min
Response: 1033848282
Conc: 68.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
IRONBOUND-4FTMSD



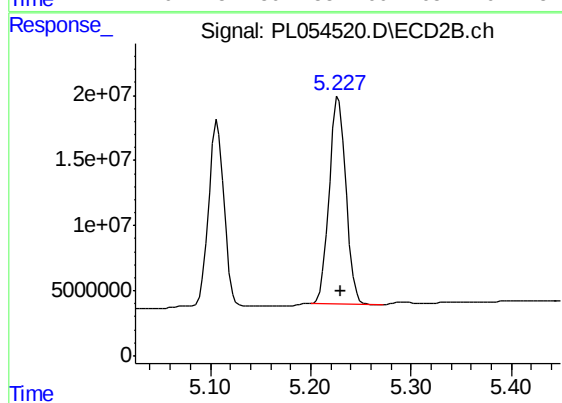
#3 gamma-BHC (Lindane)

R.T.: 4.719 min
Delta R.T.: -0.002 min
Response: 215173002
Conc: 69.98 ng/ml



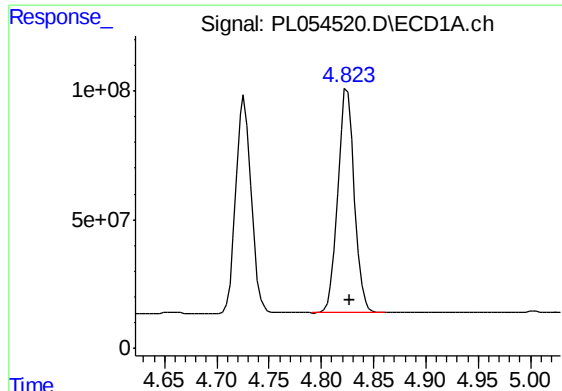
#4 Heptachlor

R.T.: 4.574 min
Delta R.T.: -0.001 min
Response: 1020017269
Conc: 66.61 ng/ml



#4 Heptachlor

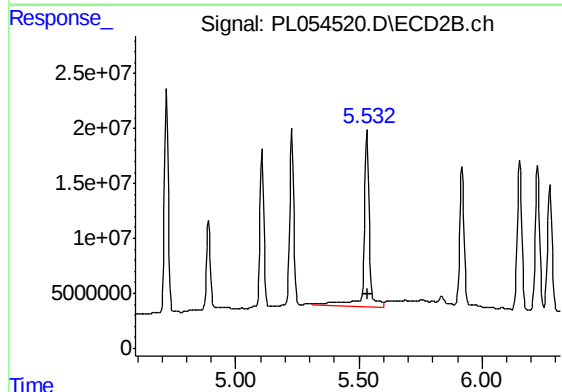
R.T.: 5.228 min
Delta R.T.: -0.002 min
Response: 184893476
Conc: 64.34 ng/ml



#5 Aldrin

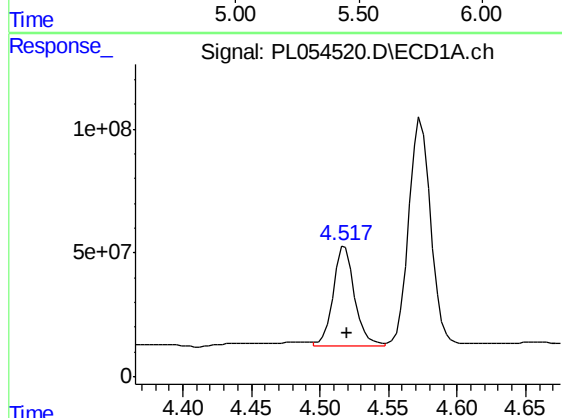
R.T.: 4.825 min
Delta R.T.: -0.002 min
Response: 963704361
Conc: 68.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
IRONBOUND-4FTMSD



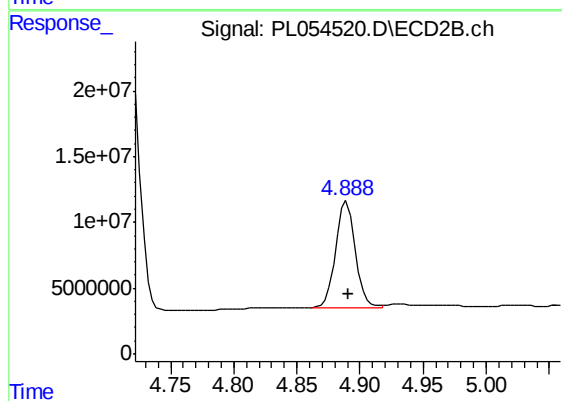
#5 Aldrin

R.T.: 5.534 min
Delta R.T.: -0.002 min
Response: 250267861
Conc: 94.82 ng/ml



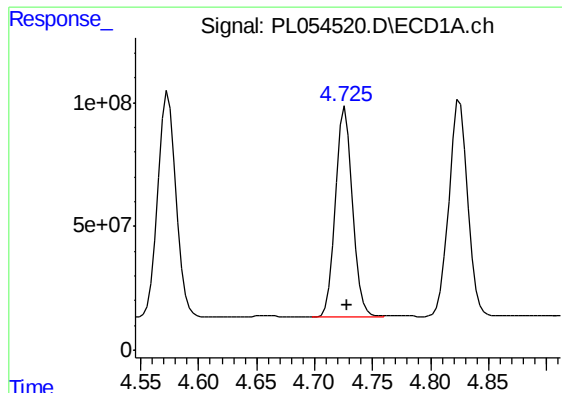
#6 beta-BHC

R.T.: 4.518 min
Delta R.T.: -0.001 min
Response: 437690898
Conc: 68.08 ng/ml



#6 beta-BHC

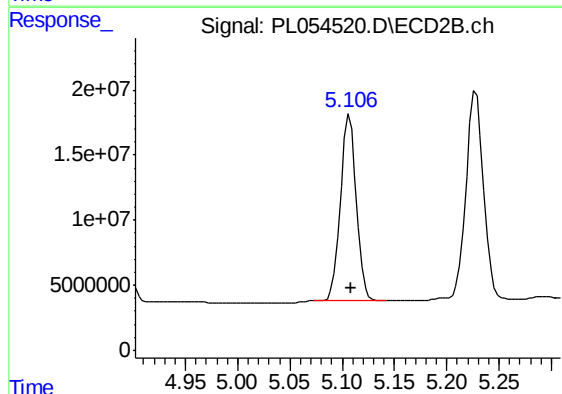
R.T.: 4.890 min
Delta R.T.: -0.001 min
Response: 88200621
Conc: 58.87 ng/ml



#7 delta-BHC

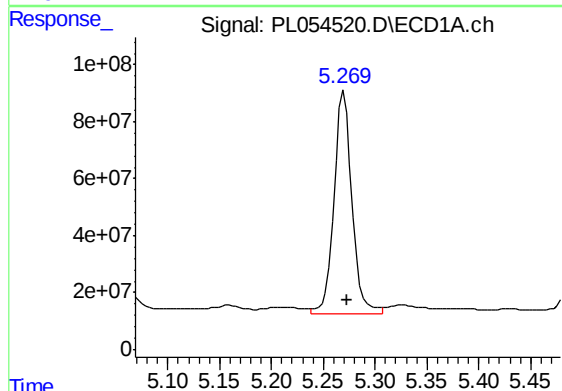
R.T.: 4.726 min
Delta R.T.: -0.002 min
Response: 874447427
Conc: 62.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
IRONBOUND-4FTMSD



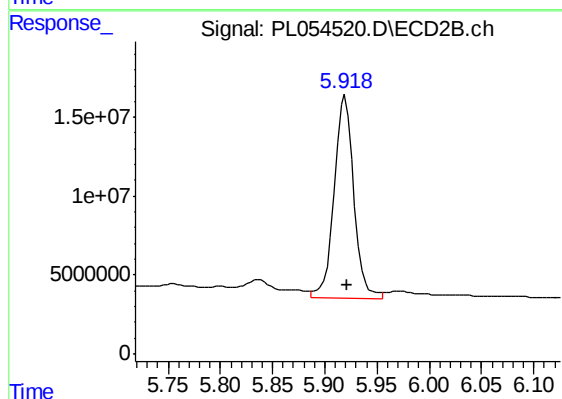
#7 delta-BHC

R.T.: 5.107 min
Delta R.T.: -0.001 min
Response: 151771437
Conc: 60.25 ng/ml



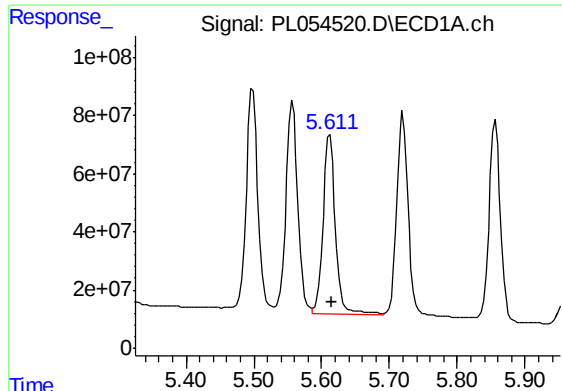
#8 Heptachlor epoxide

R.T.: 5.270 min
Delta R.T.: -0.003 min
Response: 947870198
Conc: 73.39 ng/ml



#8 Heptachlor epoxide

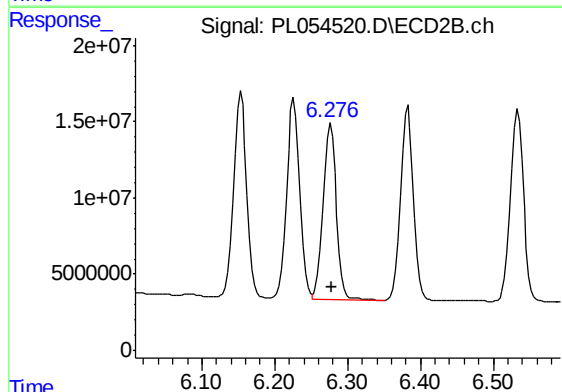
R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 168276501
Conc: 70.80 ng/ml



#9 Endosulfan I

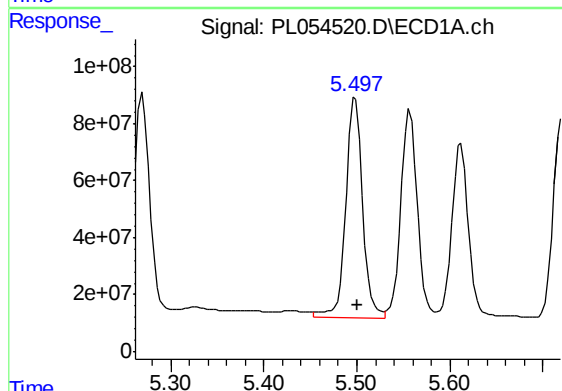
R.T.: 5.612 min
Delta R.T.: -0.003 min
Response: 796424493
Conc: 67.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
IRONBOUND-4FTMSD



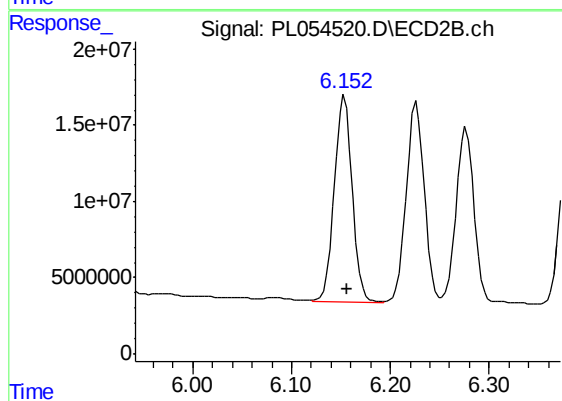
#9 Endosulfan I

R.T.: 6.277 min
Delta R.T.: -0.002 min
Response: 145560793
Conc: 62.09 ng/ml



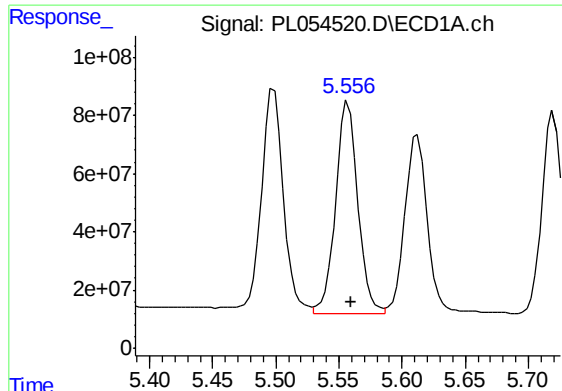
#10 gamma-Chlordane

R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 965456486
Conc: 75.19 ng/ml



#10 gamma-Chlordane

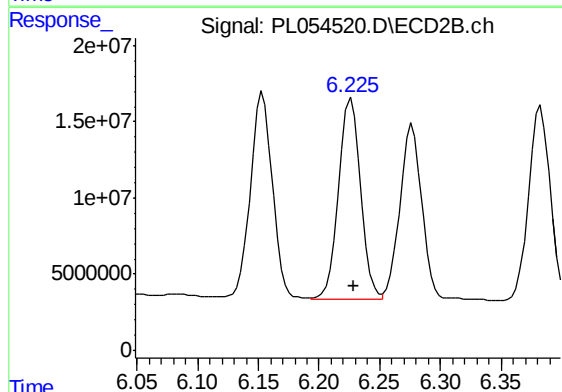
R.T.: 6.154 min
Delta R.T.: -0.003 min
Response: 170801648
Conc: 68.64 ng/ml



#11 alpha-Chlordane

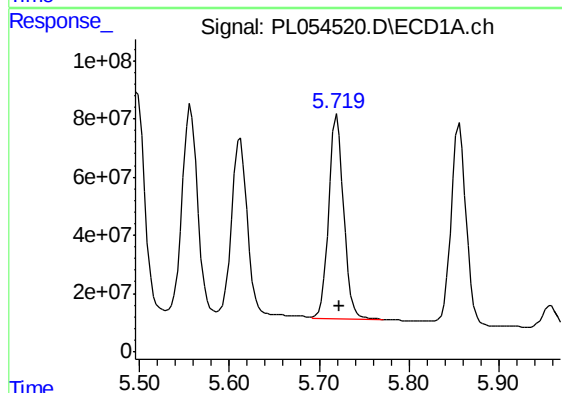
R.T.: 5.557 min
Delta R.T.: -0.002 min
Response: 901482901
Conc: 71.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
IRONBOUND-4FTMSD



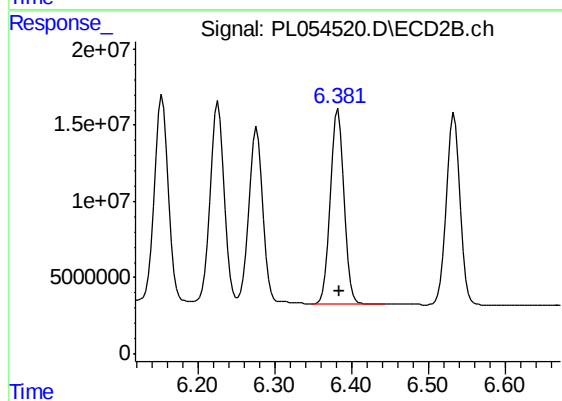
#11 alpha-Chlordane

R.T.: 6.227 min
Delta R.T.: -0.002 min
Response: 165634288
Conc: 66.54 ng/ml



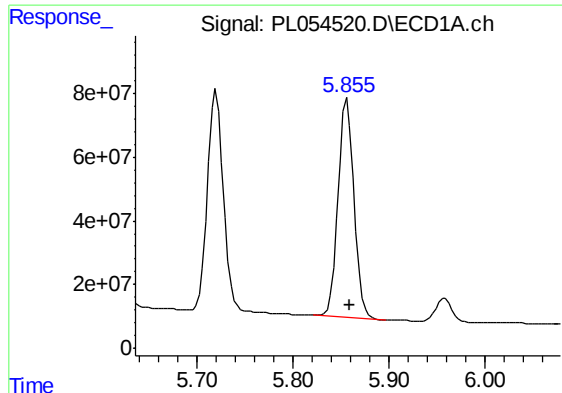
#12 4,4'-DDE

R.T.: 5.720 min
Delta R.T.: -0.002 min
Response: 810922325
Conc: 70.11 ng/ml



#12 4,4'-DDE

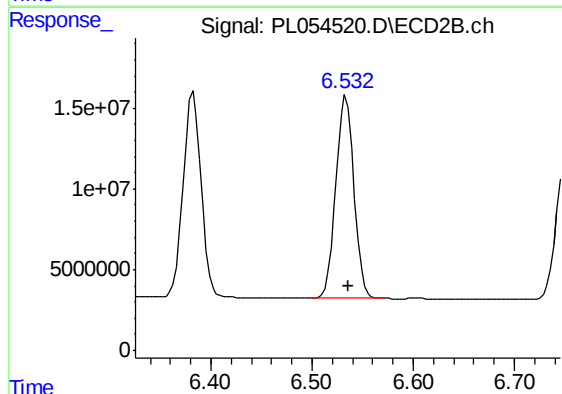
R.T.: 6.383 min
Delta R.T.: -0.002 min
Response: 158648392
Conc: 66.41 ng/ml



#13 Dielldrin

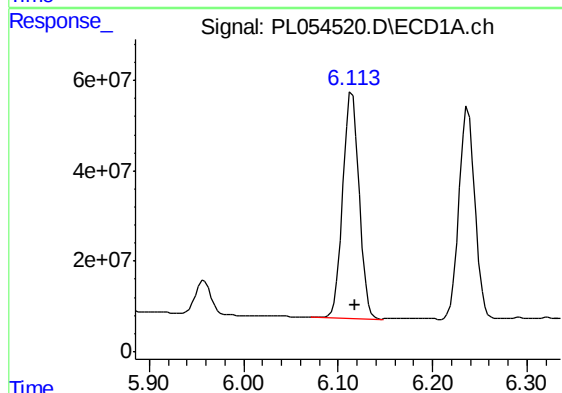
R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 791456643
Conc: 64.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
IRONBOUND-4FTMSD



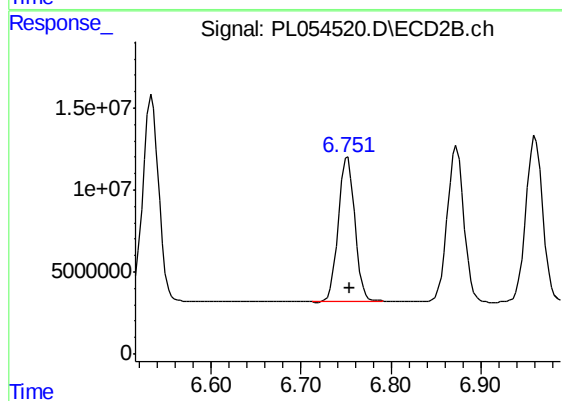
#13 Dielldrin

R.T.: 6.534 min
Delta R.T.: -0.003 min
Response: 154956884
Conc: 63.98 ng/ml



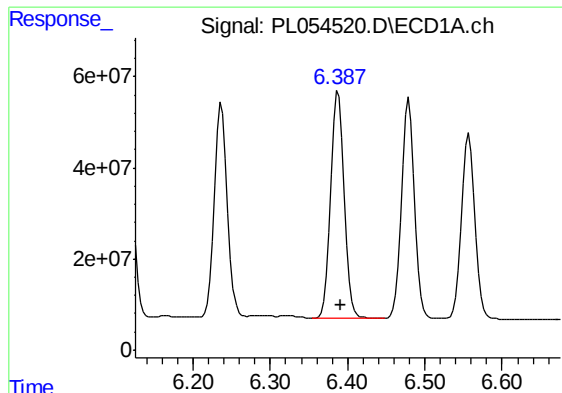
#14 Endrin

R.T.: 6.115 min
Delta R.T.: -0.003 min
Response: 594561613
Conc: 53.83 ng/ml



#14 Endrin

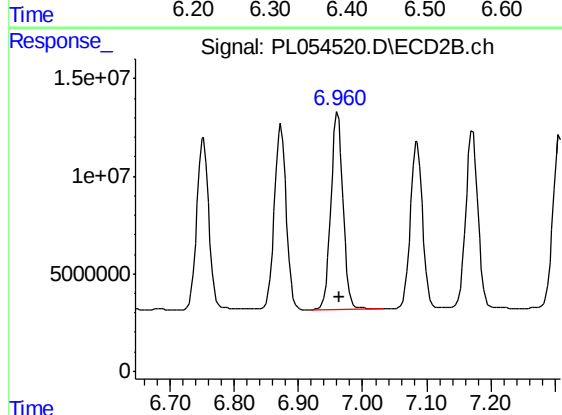
R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 113061703
Conc: 53.34 ng/ml



#15 Endosulfan II

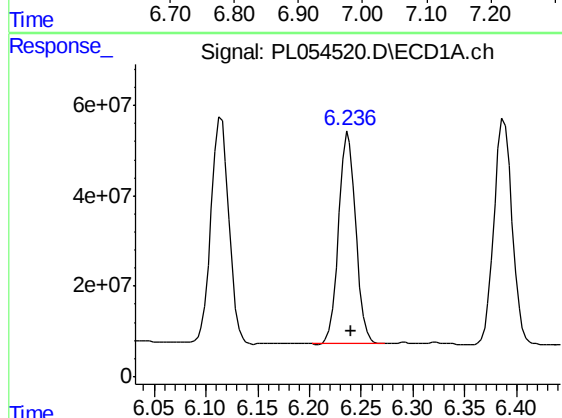
R.T.: 6.388 min
Delta R.T.: -0.003 min
Response: 609073640
Conc: 58.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
IRONBOUND-4FTMSD



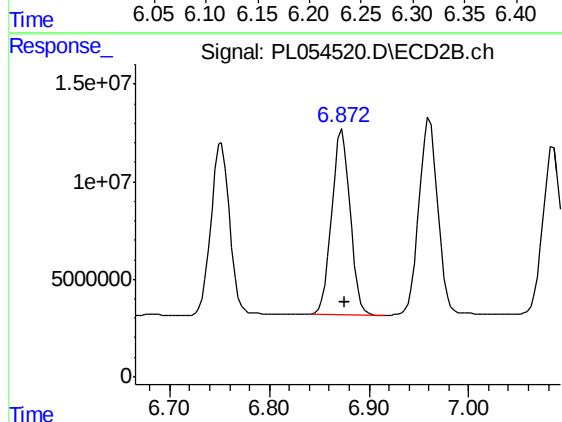
#15 Endosulfan II

R.T.: 6.961 min
Delta R.T.: -0.003 min
Response: 133770476
Conc: 61.54 ng/ml



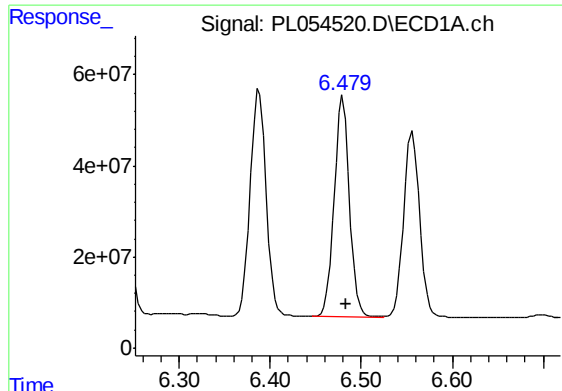
#16 4,4'-DDD

R.T.: 6.237 min
Delta R.T.: -0.003 min
Response: 538502135
Conc: 65.29 ng/ml



#16 4,4'-DDD

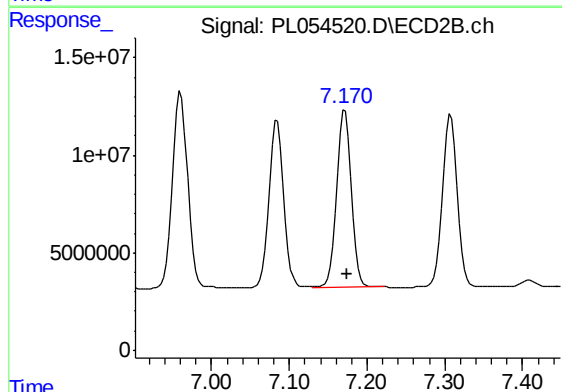
R.T.: 6.873 min
Delta R.T.: -0.002 min
Response: 122057745
Conc: 68.97 ng/ml



#17 4,4'-DDT

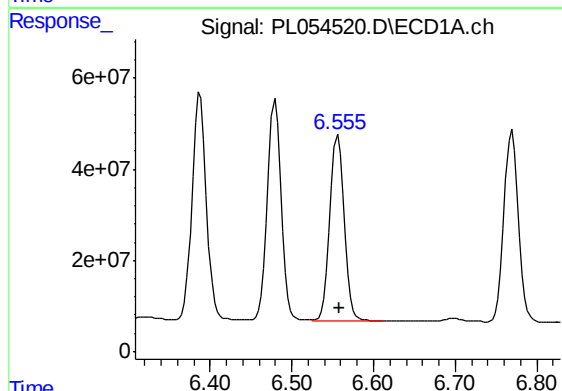
R.T.: 6.480 min
Delta R.T.: -0.003 min
Response: 562668027
Conc: 62.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
IRONBOUND-4FTMSD



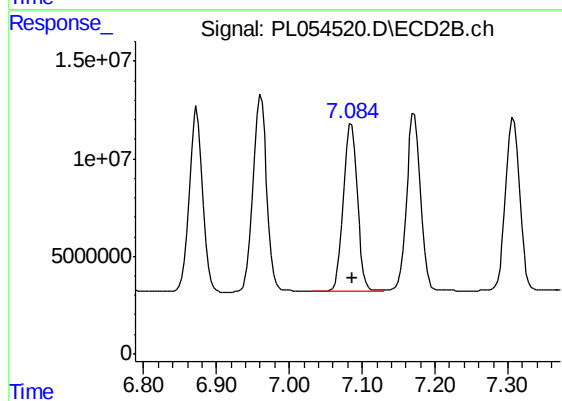
#17 4,4'-DDT

R.T.: 7.172 min
Delta R.T.: -0.003 min
Response: 120558604
Conc: 61.46 ng/ml



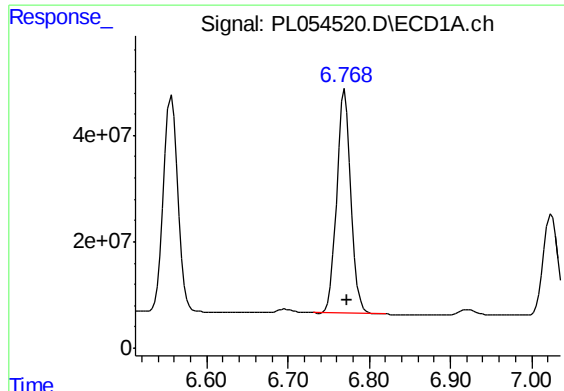
#18 Endrin aldehyde

R.T.: 6.556 min
Delta R.T.: -0.003 min
Response: 495973042
Conc: 57.91 ng/ml



#18 Endrin aldehyde

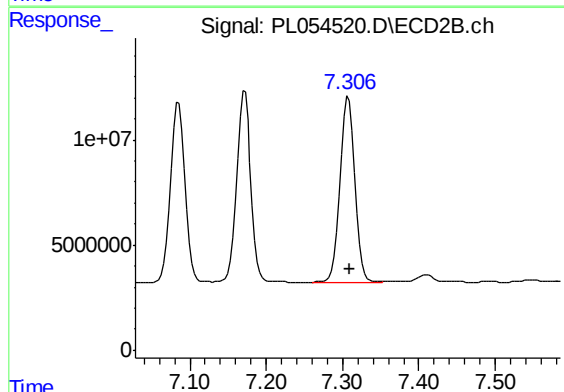
R.T.: 7.085 min
Delta R.T.: -0.002 min
Response: 113017746
Conc: 59.75 ng/ml



#19 Endosulfan Sulfate

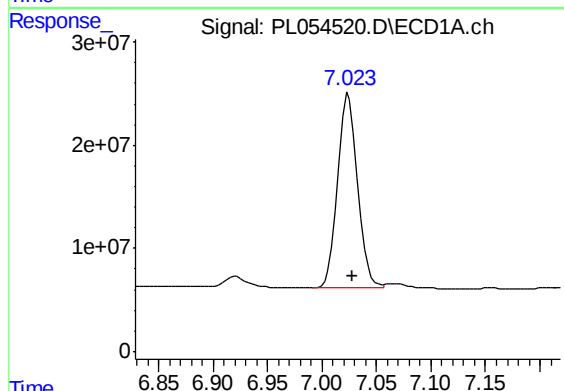
R.T.: 6.770 min
Delta R.T.: -0.003 min
Response: 512977414
Conc: 54.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
IRONBOUND-4FTMSD



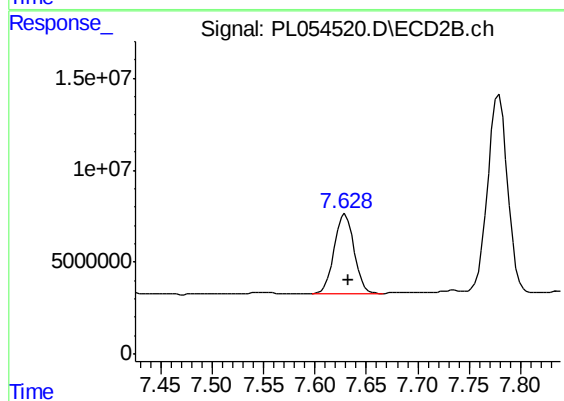
#19 Endosulfan Sulfate

R.T.: 7.308 min
Delta R.T.: -0.002 min
Response: 118192494
Conc: 57.22 ng/ml



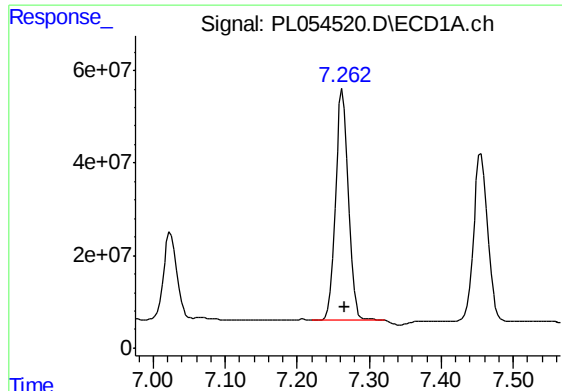
#20 Methoxychlor

R.T.: 7.024 min
Delta R.T.: -0.004 min
Response: 241097594
Conc: 52.68 ng/ml



#20 Methoxychlor

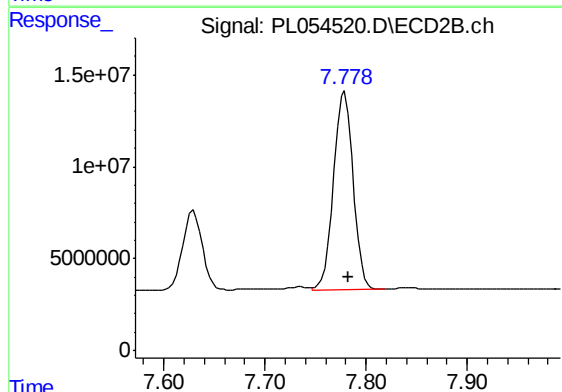
R.T.: 7.630 min
Delta R.T.: -0.003 min
Response: 58798166
Conc: 52.69 ng/ml



#21 Endrin ketone

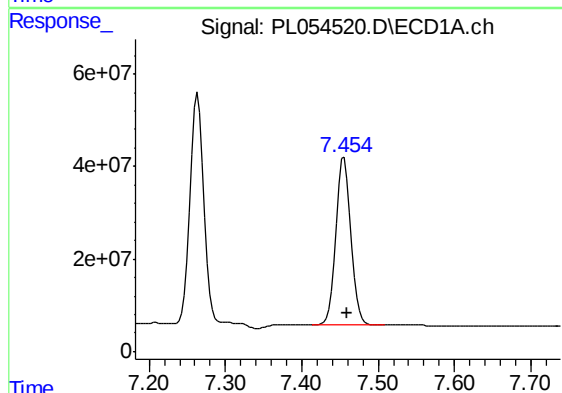
R.T.: 7.263 min
Delta R.T.: -0.003 min
Response: 616774694
Conc: 61.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
IRONBOUND-4FTMSD



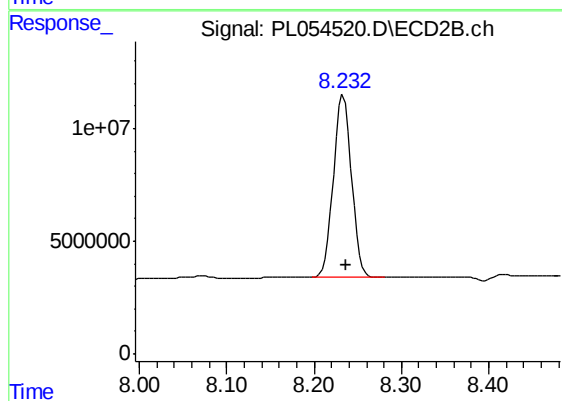
#21 Endrin ketone

R.T.: 7.779 min
Delta R.T.: -0.003 min
Response: 144458956
Conc: 63.79 ng/ml



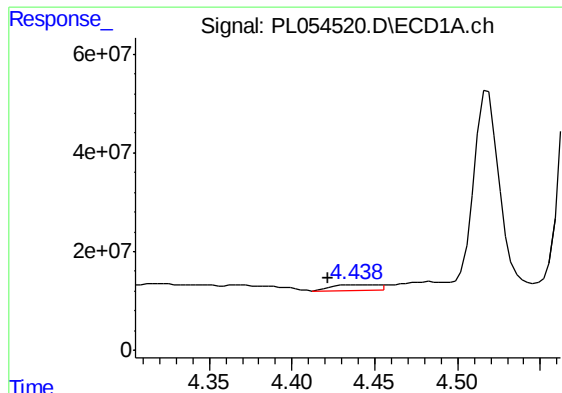
#22 Mirex

R.T.: 7.455 min
Delta R.T.: -0.005 min
Response: 490856646
Conc: 64.45 ng/ml



#22 Mirex

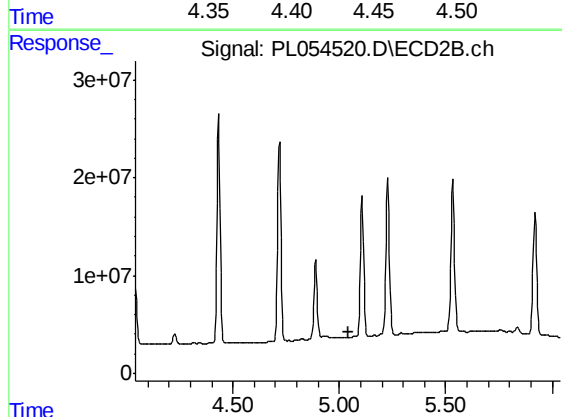
R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 117053431
Conc: 69.10 ng/ml



#23 Chlordane-1

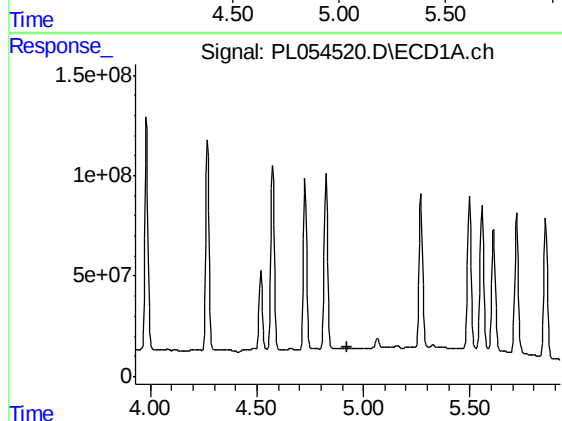
R.T.: 4.439 min
Delta R.T.: 0.017 min
Response: 21772127
Conc: 56.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
IRONBOUND-4FTMSD



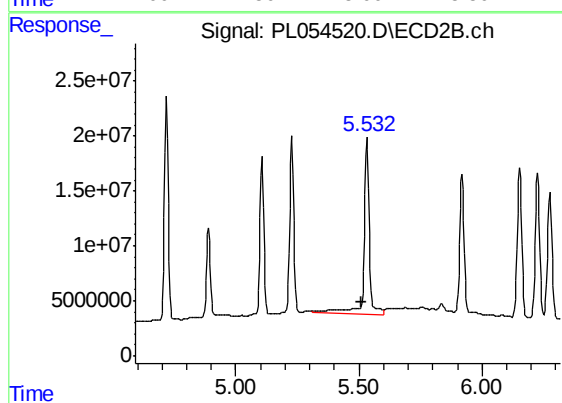
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.041 min
Response: 0
Conc: N.D.



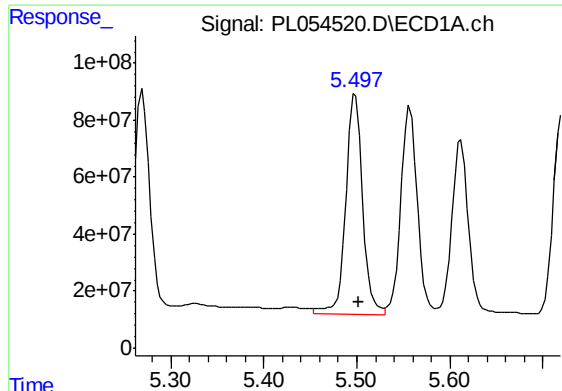
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.927 min
Response: 0
Conc: N.D.



#24 Chlordane-2

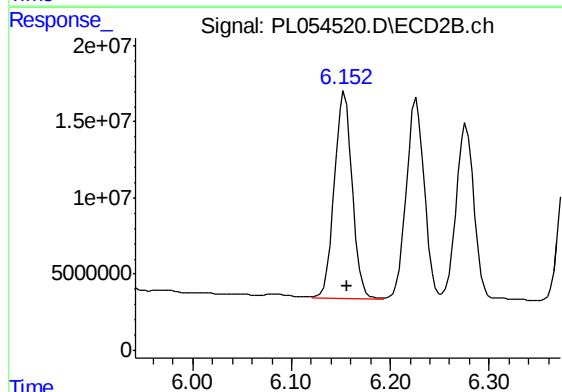
R.T.: 5.534 min
Delta R.T.: 0.024 min
Response: 250267861
Conc: 2639.90 ng/ml



#25 Chlordane-3

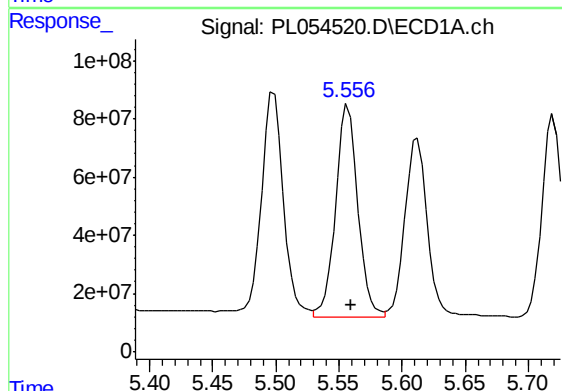
R.T.: 5.498 min
Delta R.T.: -0.004 min
Response: 965456486
Conc: 784.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
IRONBOUND-4FTMSD



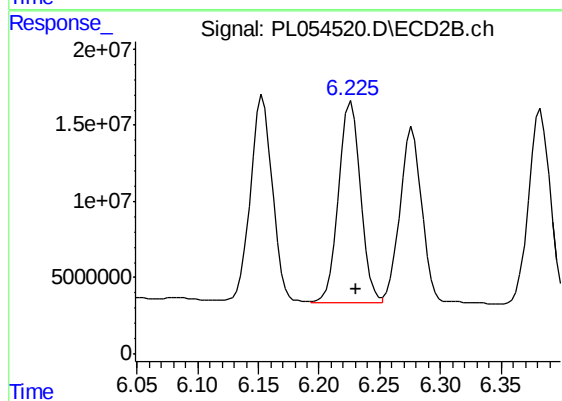
#25 Chlordane-3

R.T.: 6.154 min
Delta R.T.: -0.002 min
Response: 170801648
Conc: 512.66 ng/ml



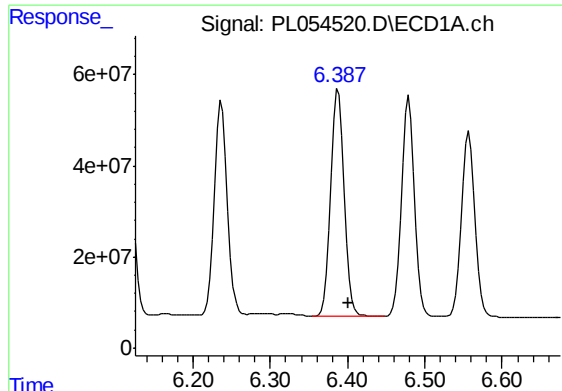
#26 Chlordane-4

R.T.: 5.557 min
Delta R.T.: -0.002 min
Response: 901482901
Conc: 889.22 ng/ml



#26 Chlordane-4

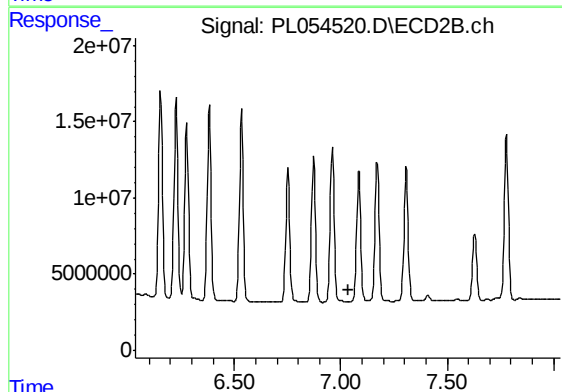
R.T.: 6.227 min
Delta R.T.: -0.004 min
Response: 165634288
Conc: 408.86 ng/ml



#27 Chlordane-5

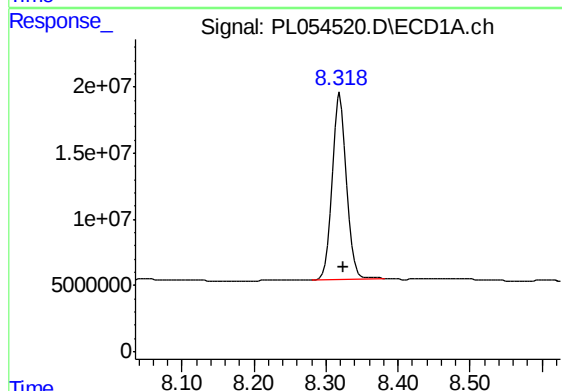
R.T.: 6.388 min
Delta R.T.: -0.013 min
Response: 609073640
Conc: 1651.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
IRONBOUND-4FTMSD



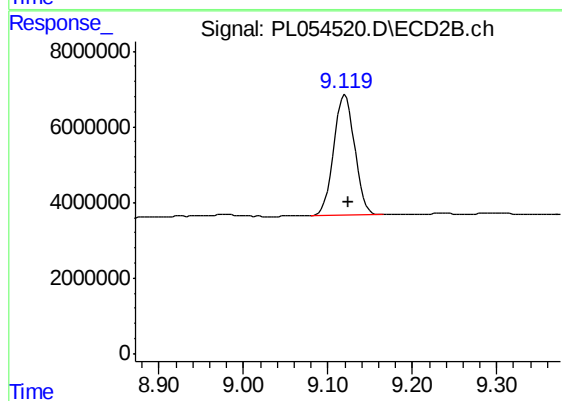
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.035 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.319 min
Delta R.T.: -0.004 min
Response: 194932609
Conc: 22.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: -0.005 min
Response: 54793316
Conc: 22.66 ng/ml