

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042919\
 Data File : PL047999.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2019 22:02
 Operator : AJ\SJ
 Sample : K2589-15MSD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PST-001-B186-042419MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 30 01:34:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042419.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 25 01:53:03 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...	3.328	3.941	202.7E6	53315959	21.913	22.334
28)	SA Decachlor...	7.998	8.977	192.4E6	50353210	17.191	17.639
Target Compounds							
2)	A alpha-BHC	3.757	4.329	849.2E6	195.2E6	58.093	58.816
3)	MA gamma-BHC...	4.033	4.612	783.3E6	179.3E6	59.098	57.174
4)	MA Heptachlor	4.318	5.116	801.7E6	183.8E6	56.265	54.689
5)	MB Aldrin	4.557	5.419	770.3E6	171.4E6	55.318	54.929
6)	B beta-BHC	4.286	4.787	317.0E6	82624913	56.109	57.345
7)	B delta-BHC	4.480	5.001	715.4E6	124.2E6	55.068	49.418
8)	B Heptachlor...	4.994	5.805	703.7E6	151.4E6	54.912	54.156
9)	A Endosulfan I	5.324	6.160	649.4E6	147.8E6	53.698	52.644
10)	B gamma-Chl...	5.216	6.039	796.3E6	174.2E6	59.808	57.560
11)	B alpha-Chl...	5.272	6.111	750.2E6	179.3E6	57.494	59.262
12)	B 4,4'-DDE	5.440	6.271	673.2E6	148.0E6	54.123	53.612
13)	MA Dieldrin	5.563	6.417	702.1E6	156.6E6	54.083	53.572
14)	MA Endrin	5.816	6.634	625.6E6	131.6E6	52.643	51.534
15)	B Endosulfa...	6.091	6.845	601.8E6	137.4E6	53.748	52.365
16)	A 4,4'-DDD	5.951	6.761	534.2E6	121.0E6	54.324	53.894
17)	MA 4,4'-DDT	6.185	7.058	515.3E6	117.5E6	51.683	49.334
18)	B Endrin al...	6.258	6.969	479.5E6	114.8E6	50.824	49.675
19)	B Endosulfa...	6.469	7.191	554.5E6	130.6E6	49.746	47.689
20)	A Methoxychlor	6.731	7.518	264.5E6	67646849	49.734	48.245
21)	B Endrin ke...	6.951	7.661	613.0E6	143.0E6	51.694	50.860
22)	Mirex	7.125	8.110	441.3E6	108.5E6	47.012	46.616
23)	Chlordane-1	0.000	5.001	0	124.2E6	N.D.	484.585 #
24)	Chlordane-2	0.000	5.419	0	171.4E6	N.D.	550.907 #
25)	Chlordane-3	5.272	6.111	750.2E6	179.3E6	569.047	605.257
26)	Chlordane-4	5.324	6.160	649.4E6	147.8E6	528.491	536.767
27)	Chlordane-5	6.091	6.969	601.8E6	114.8E6	1419.373	509.268 #

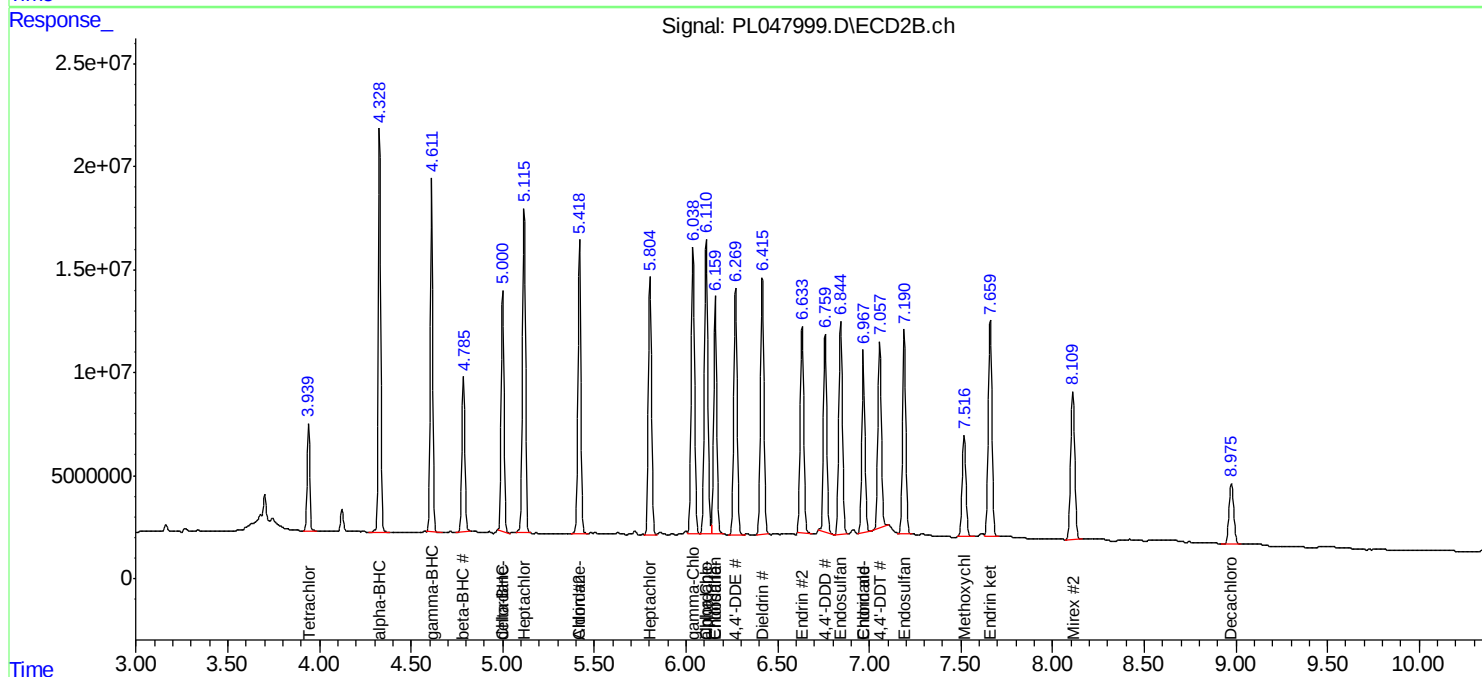
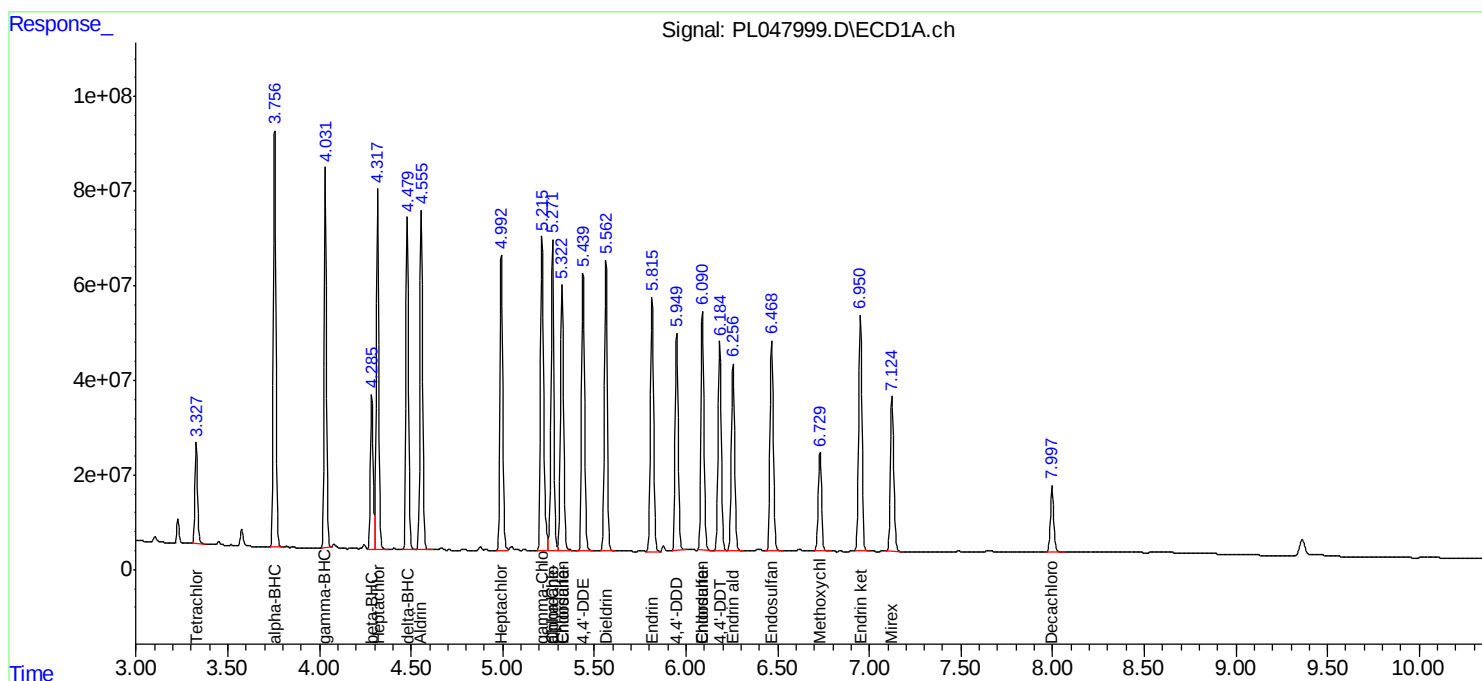
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

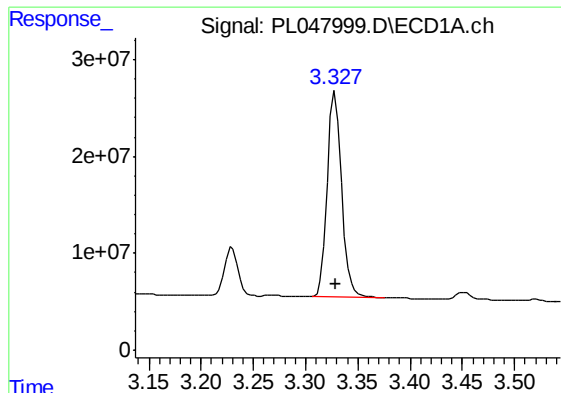
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042919\
Data File : PL047999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2019 22:02
Operator : AJ\SJ
Sample : K2589-15MSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PST-001-B186-042419MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 01:34:34 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042419.M
Quant Title : GC Extractables
QLast Update : Thu Apr 25 01:53:03 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

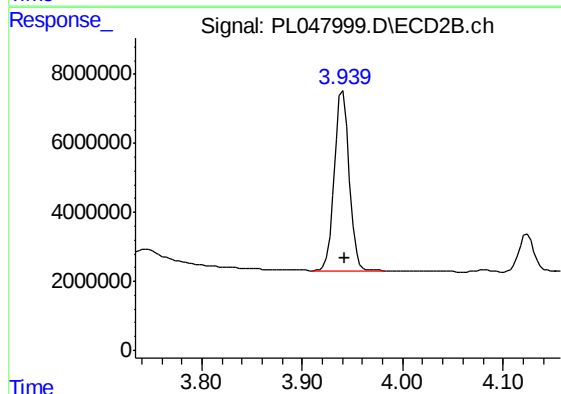




#1 Tetrachloro-m-xylene

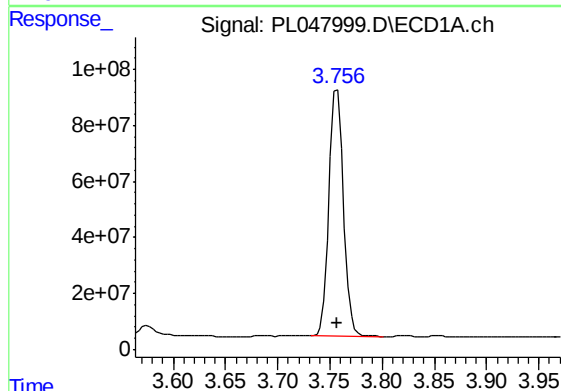
R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 202654029
Conc: 21.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B186-042419MSD



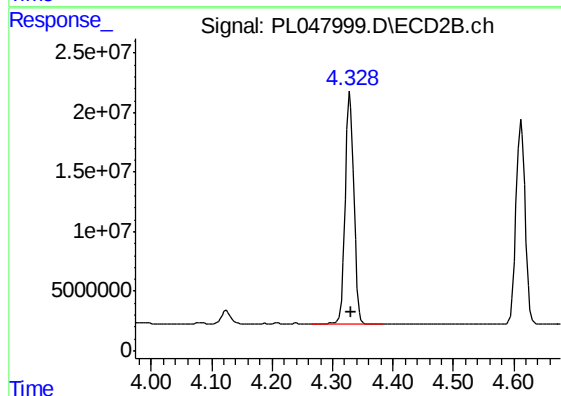
#1 Tetrachloro-m-xylene

R.T.: 3.941 min
Delta R.T.: -0.001 min
Response: 53315959
Conc: 22.33 ng/ml



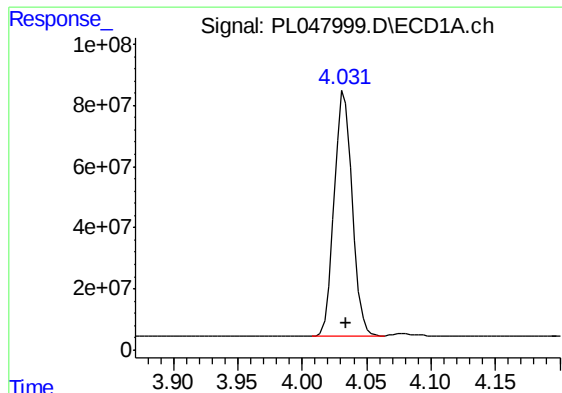
#2 alpha-BHC

R.T.: 3.757 min
Delta R.T.: 0.000 min
Response: 849227008
Conc: 58.09 ng/ml



#2 alpha-BHC

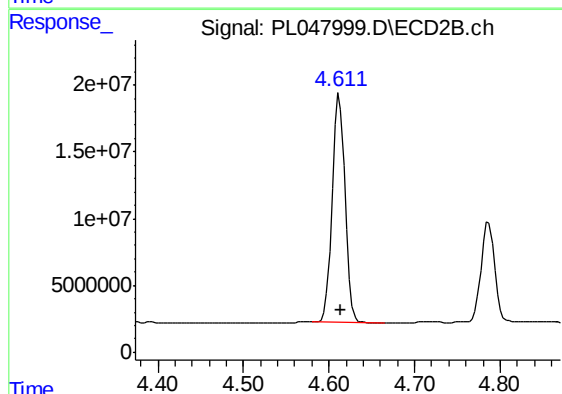
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 195192377
Conc: 58.82 ng/ml



#3 gamma-BHC (Lindane)

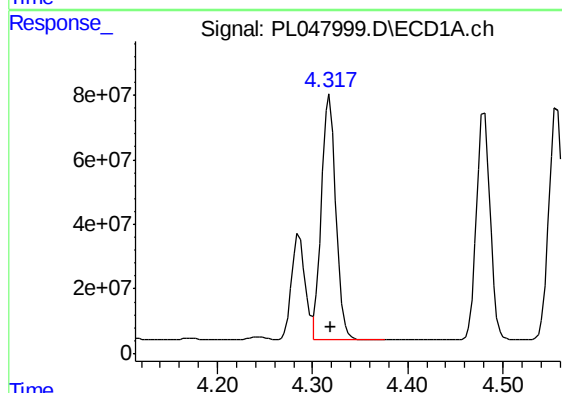
R.T.: 4.033 min
Delta R.T.: 0.000 min
Response: 783319315
Conc: 59.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B186-042419MSD



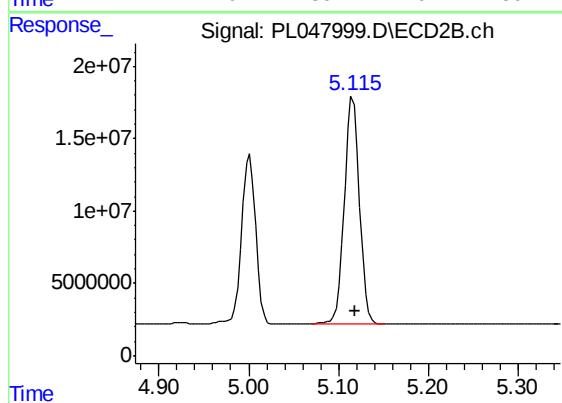
#3 gamma-BHC (Lindane)

R.T.: 4.612 min
Delta R.T.: -0.001 min
Response: 179323697
Conc: 57.17 ng/ml



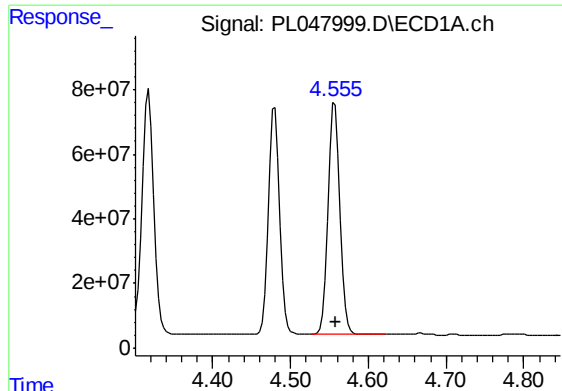
#4 Heptachlor

R.T.: 4.318 min
Delta R.T.: -0.001 min
Response: 801672914
Conc: 56.27 ng/ml



#4 Heptachlor

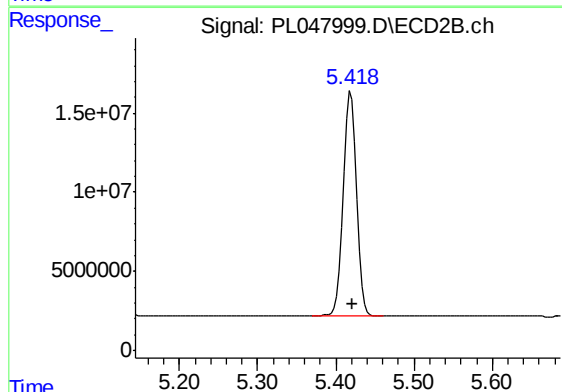
R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 183795964
Conc: 54.69 ng/ml



#5 Aldrin

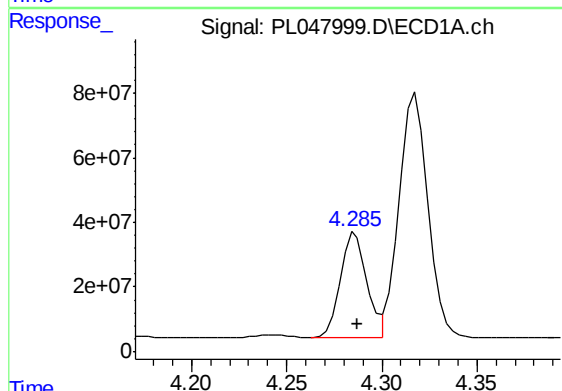
R.T.: 4.557 min
Delta R.T.: -0.002 min
Response: 770332600
Conc: 55.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B186-042419MSD



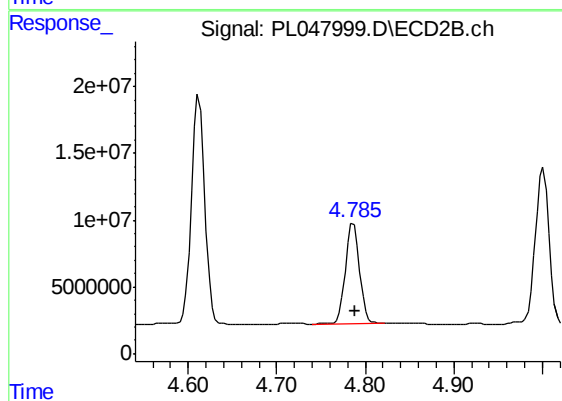
#5 Aldrin

R.T.: 5.419 min
Delta R.T.: -0.002 min
Response: 171430904
Conc: 54.93 ng/ml



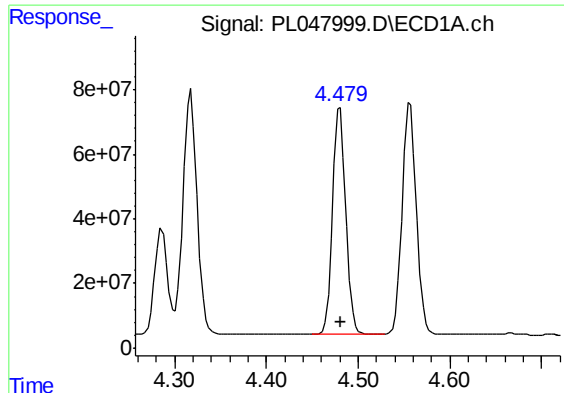
#6 beta-BHC

R.T.: 4.286 min
Delta R.T.: 0.000 min
Response: 317017412
Conc: 56.11 ng/ml



#6 beta-BHC

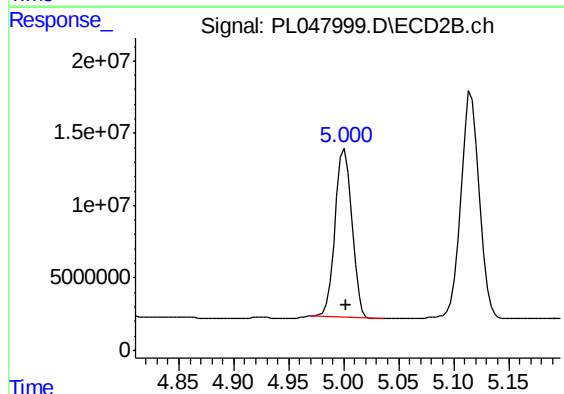
R.T.: 4.787 min
Delta R.T.: -0.001 min
Response: 82624913
Conc: 57.35 ng/ml



#7 delta-BHC

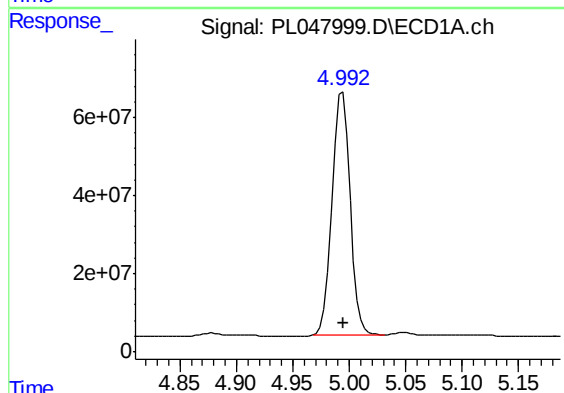
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 715363304
Conc: 55.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B186-042419MSD



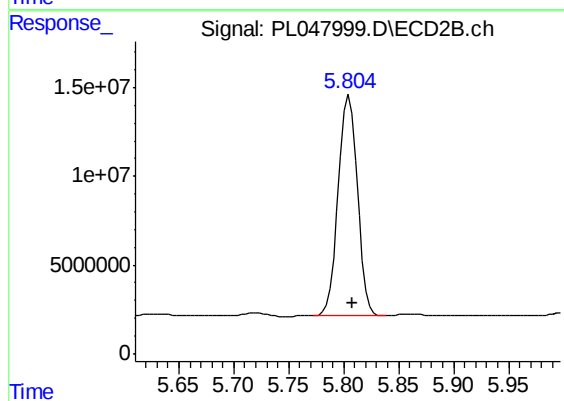
#7 delta-BHC

R.T.: 5.001 min
Delta R.T.: -0.001 min
Response: 124152743
Conc: 49.42 ng/ml



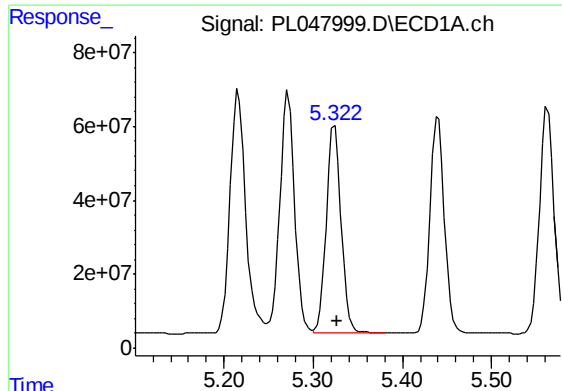
#8 Heptachlor epoxide

R.T.: 4.994 min
Delta R.T.: -0.002 min
Response: 703696845
Conc: 54.91 ng/ml



#8 Heptachlor epoxide

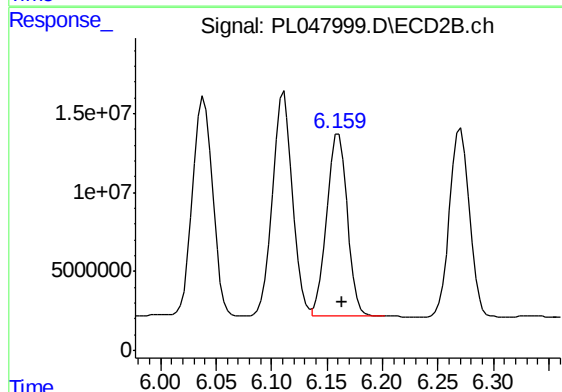
R.T.: 5.805 min
Delta R.T.: -0.003 min
Response: 151351926
Conc: 54.16 ng/ml



#9 Endosulfan I

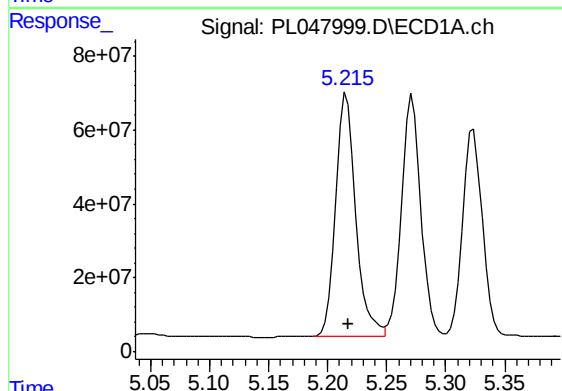
R.T.: 5.324 min
Delta R.T.: -0.003 min
Response: 649378755
Conc: 53.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B186-042419MSD



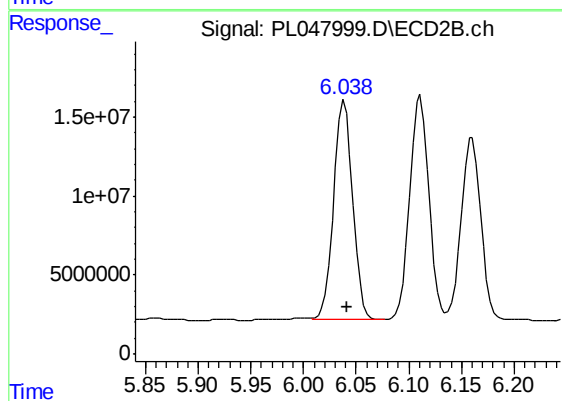
#9 Endosulfan I

R.T.: 6.160 min
Delta R.T.: -0.003 min
Response: 147824070
Conc: 52.64 ng/ml



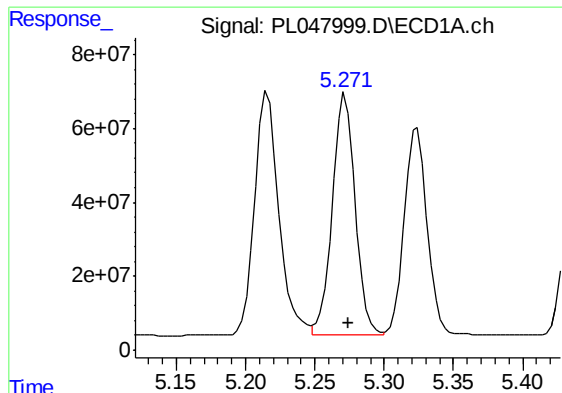
#10 gamma-Chlordane

R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 796251589
Conc: 59.81 ng/ml



#10 gamma-Chlordane

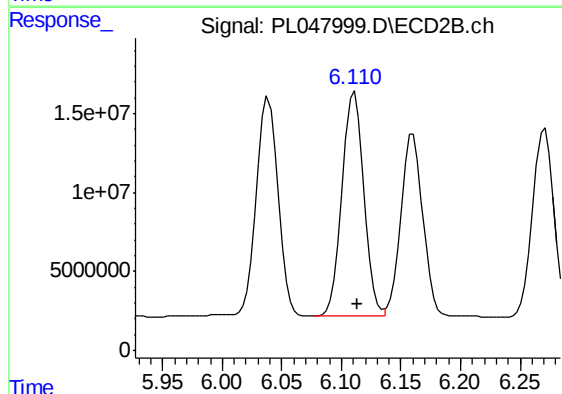
R.T.: 6.039 min
Delta R.T.: -0.003 min
Response: 174196968
Conc: 57.56 ng/ml



#11 alpha-Chlordane

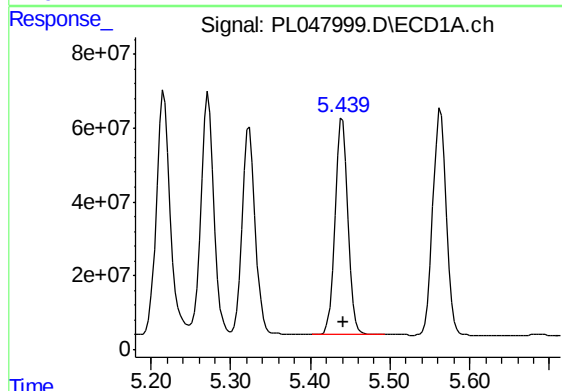
R.T.: 5.272 min
Delta R.T.: -0.002 min
Response: 750216523
Conc: 57.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B186-042419MSD



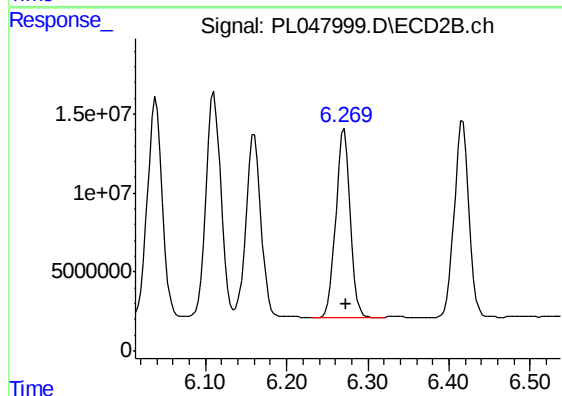
#11 alpha-Chlordane

R.T.: 6.111 min
Delta R.T.: -0.003 min
Response: 179292836
Conc: 59.26 ng/ml



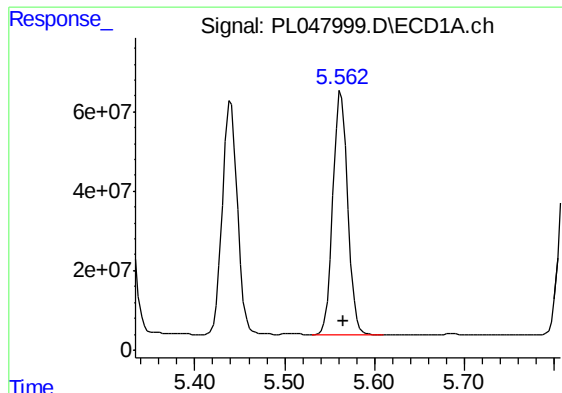
#12 4,4'-DDE

R.T.: 5.440 min
Delta R.T.: -0.002 min
Response: 673233597
Conc: 54.12 ng/ml



#12 4,4'-DDE

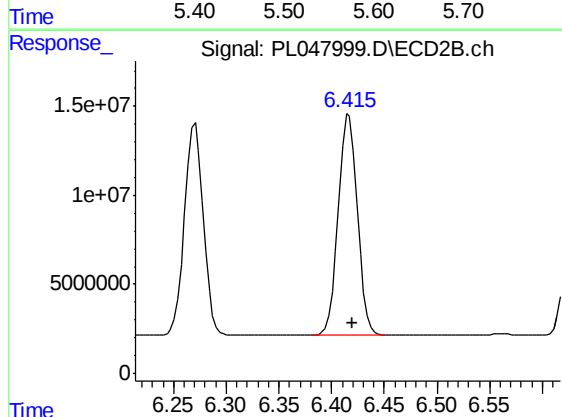
R.T.: 6.271 min
Delta R.T.: -0.002 min
Response: 148043834
Conc: 53.61 ng/ml



#13 Dielldrin

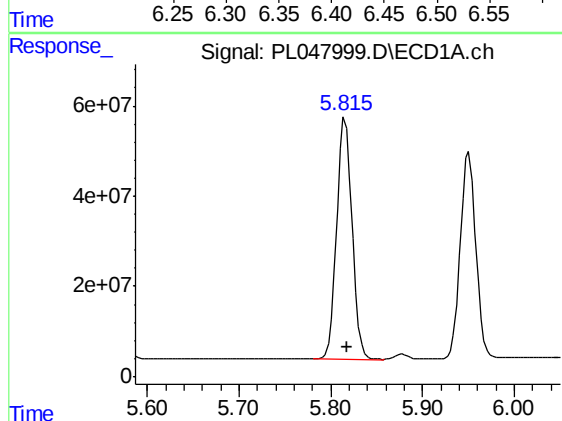
R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 702101262
Conc: 54.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B186-042419MSD



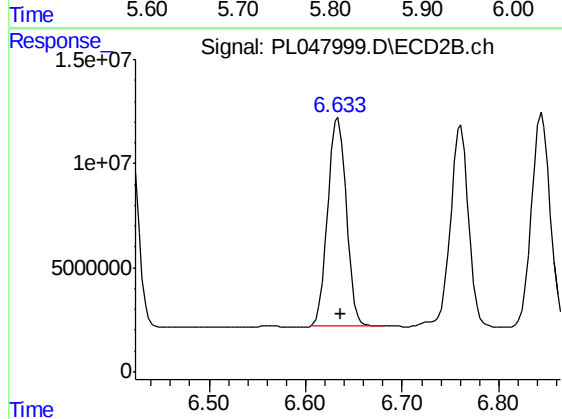
#13 Dielldrin

R.T.: 6.417 min
Delta R.T.: -0.003 min
Response: 156611153
Conc: 53.57 ng/ml



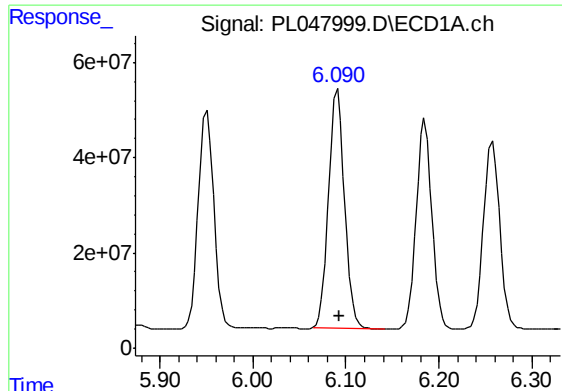
#14 Endrin

R.T.: 5.816 min
Delta R.T.: -0.002 min
Response: 625592996
Conc: 52.64 ng/ml



#14 Endrin

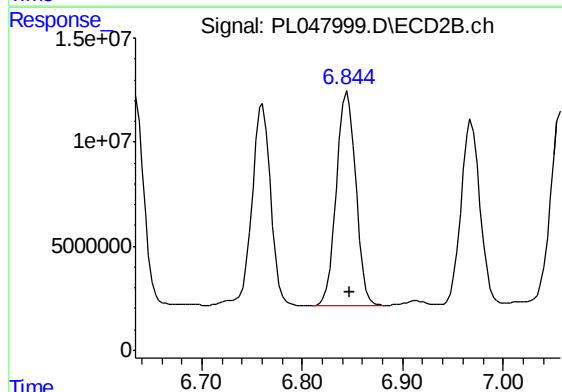
R.T.: 6.634 min
Delta R.T.: -0.003 min
Response: 131638233
Conc: 51.53 ng/ml



#15 Endosulfan II

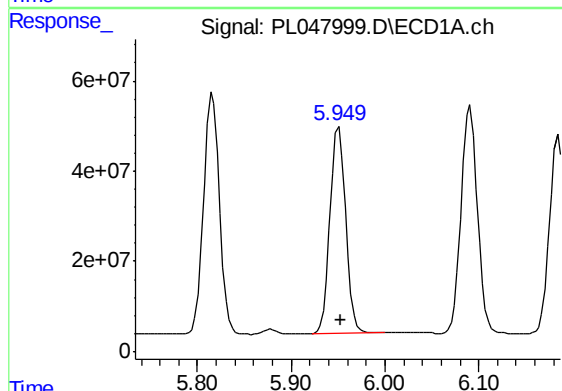
R.T.: 6.091 min
Delta R.T.: -0.002 min
Response: 601777885
Conc: 53.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B186-042419MSD



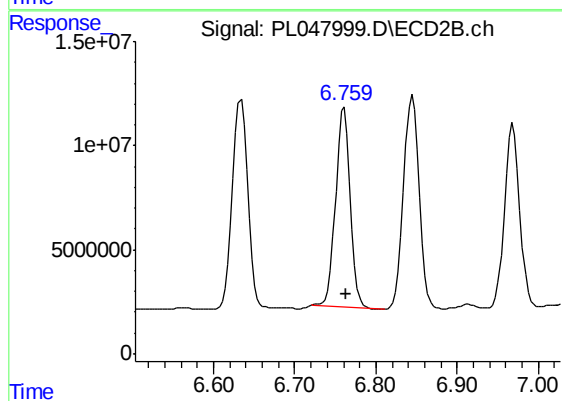
#15 Endosulfan II

R.T.: 6.845 min
Delta R.T.: -0.002 min
Response: 137385293
Conc: 52.36 ng/ml



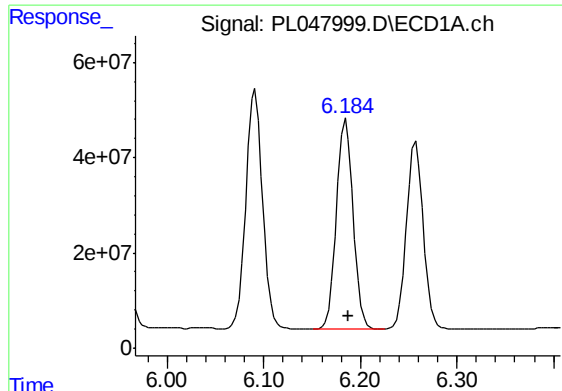
#16 4,4'-DDD

R.T.: 5.951 min
Delta R.T.: -0.003 min
Response: 534170185
Conc: 54.32 ng/ml



#16 4,4'-DDD

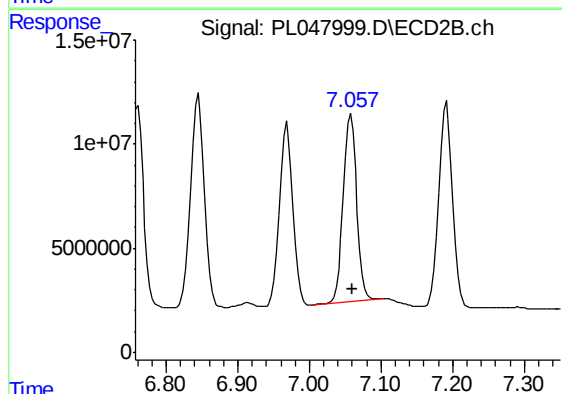
R.T.: 6.761 min
Delta R.T.: -0.003 min
Response: 120995696
Conc: 53.89 ng/ml



#17 4,4'-DDT

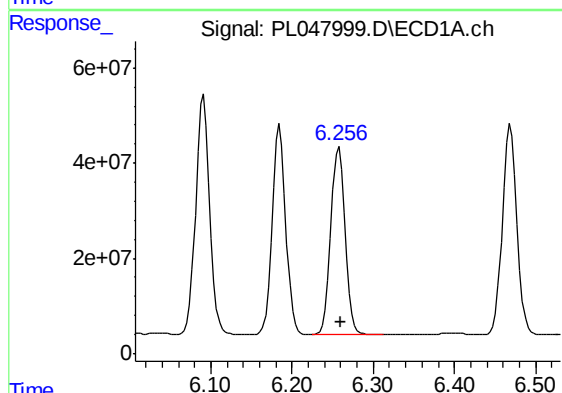
R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 515273776
Conc: 51.68 ng/ml

Instrument :
ECD_L
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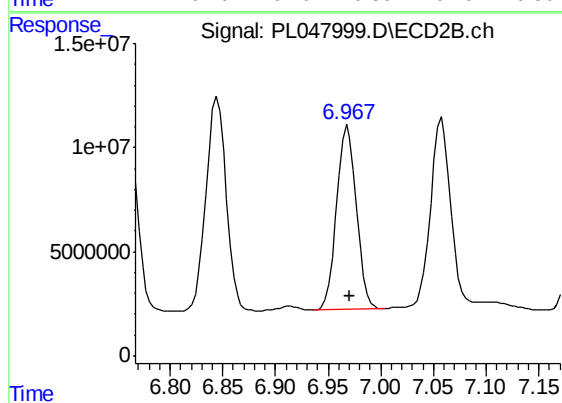
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: -0.003 min
Response: 117522984
Conc: 49.33 ng/ml



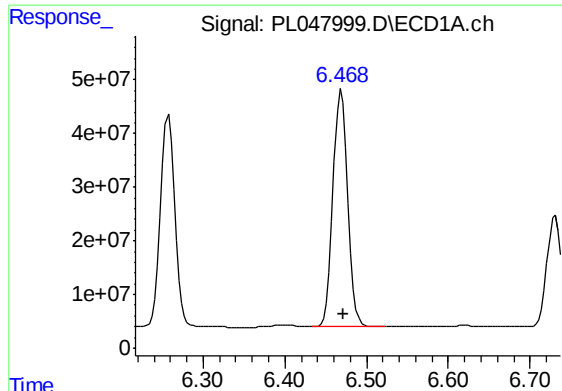
#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: -0.003 min
Response: 479527736
Conc: 50.82 ng/ml



#18 Endrin aldehyde

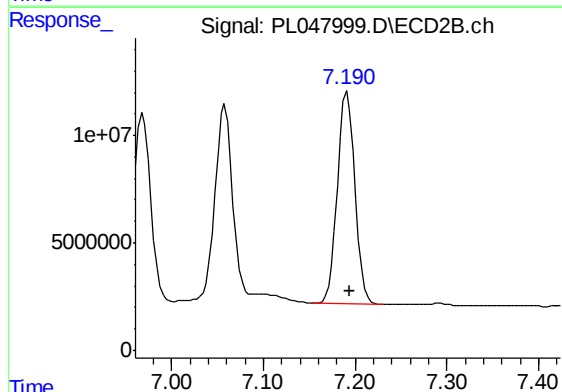
R.T.: 6.969 min
Delta R.T.: -0.002 min
Response: 114766617
Conc: 49.68 ng/ml



#19 Endosulfan Sulfate

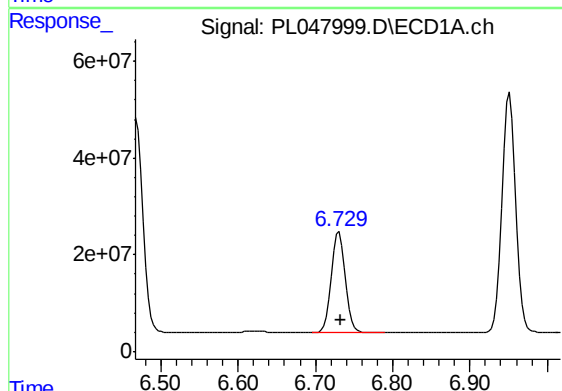
R.T.: 6.469 min
Delta R.T.: -0.003 min
Response: 554483834
Conc: 49.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B186-042419MSD



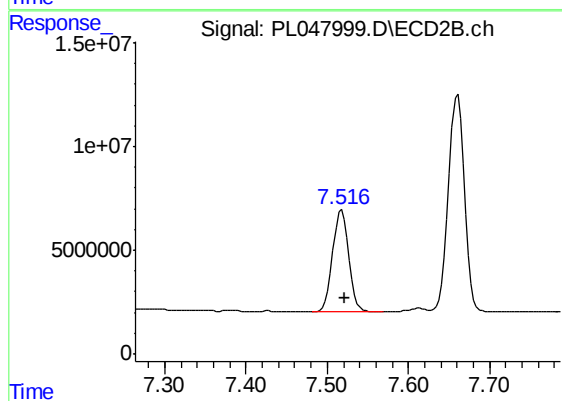
#19 Endosulfan Sulfate

R.T.: 7.191 min
Delta R.T.: -0.003 min
Response: 130594121
Conc: 47.69 ng/ml



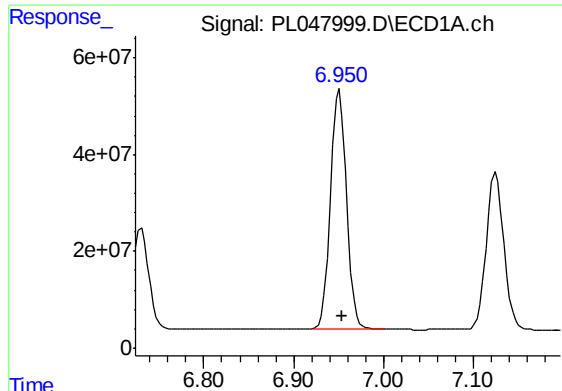
#20 Methoxychlor

R.T.: 6.731 min
Delta R.T.: -0.003 min
Response: 264520907
Conc: 49.73 ng/ml



#20 Methoxychlor

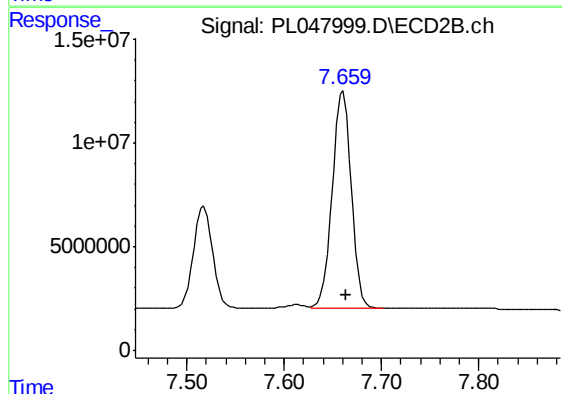
R.T.: 7.518 min
Delta R.T.: -0.003 min
Response: 67646849
Conc: 48.24 ng/ml



#21 Endrin ketone

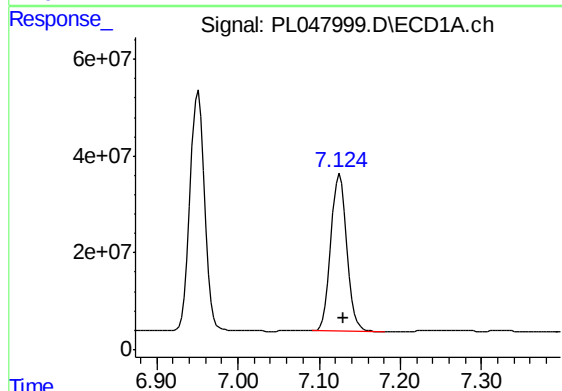
R.T.: 6.951 min
Delta R.T.: -0.003 min
Response: 613018093
Conc: 51.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B186-042419MSD



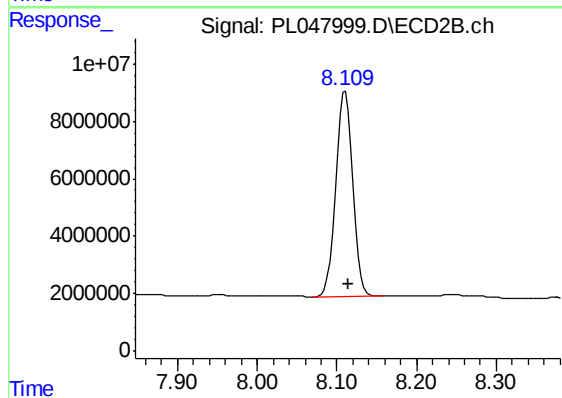
#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: -0.002 min
Response: 143003993
Conc: 50.86 ng/ml



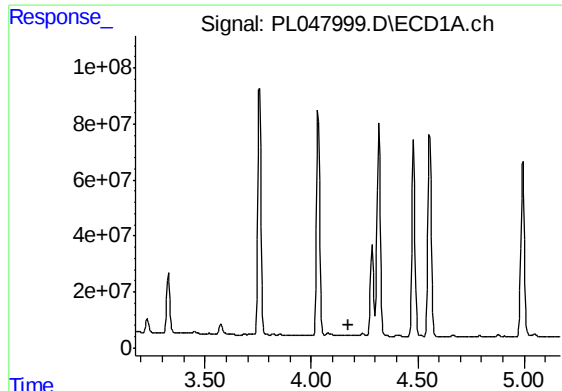
#22 Mirex

R.T.: 7.125 min
Delta R.T.: -0.004 min
Response: 441284629
Conc: 47.01 ng/ml



#22 Mirex

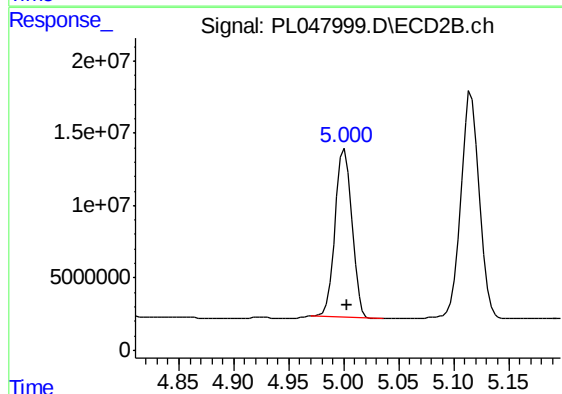
R.T.: 8.110 min
Delta R.T.: -0.004 min
Response: 108469290
Conc: 46.62 ng/ml



#23 Chlordane-1

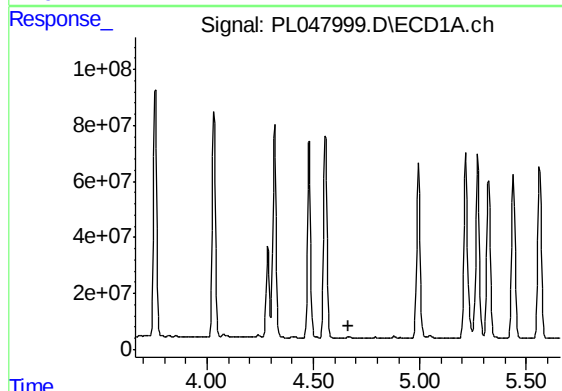
R.T.: 0.000 min
Exp R.T. : 4.172 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PST-001-B186-042419MSD



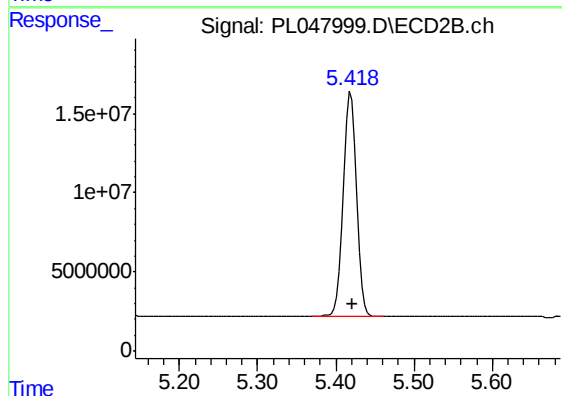
#23 Chlordane-1

R.T.: 5.001 min
Delta R.T.: -0.002 min
Response: 124152743
Conc: 484.59 ng/ml



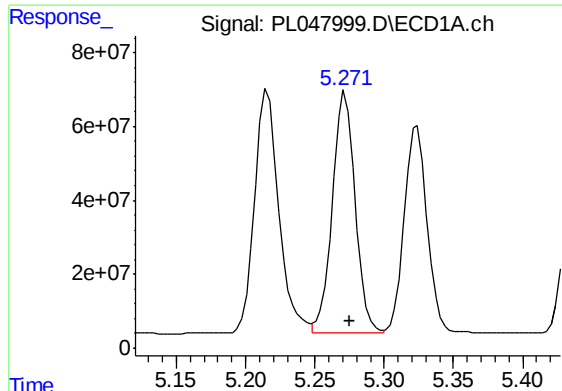
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.663 min
Response: 0
Conc: N.D.



#24 Chlordane-2

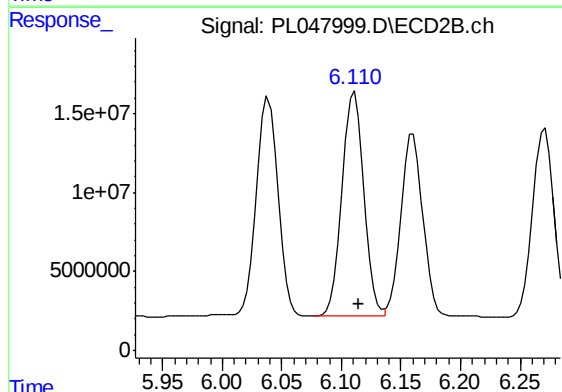
R.T.: 5.419 min
Delta R.T.: -0.002 min
Response: 171430904
Conc: 550.91 ng/ml



#25 Chlordane-3

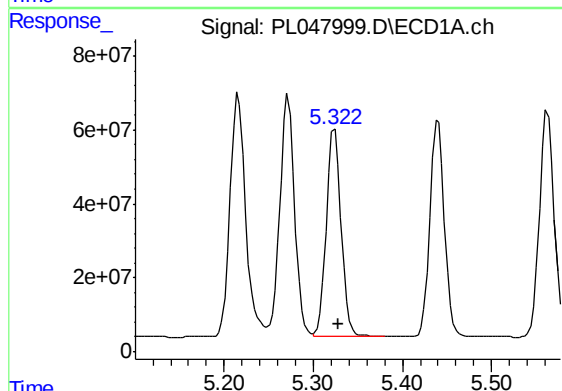
R.T.: 5.272 min
Delta R.T.: -0.004 min
Response: 750216523
Conc: 569.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B186-042419MSD



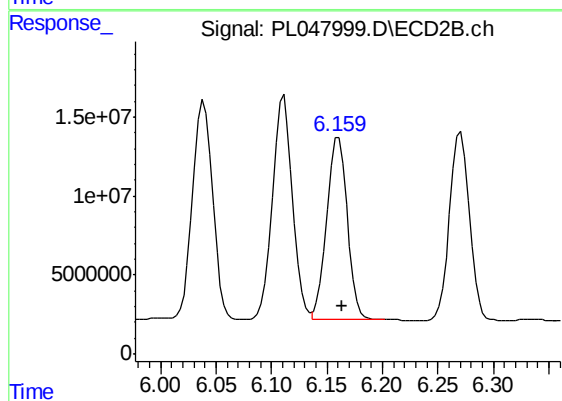
#25 Chlordane-3

R.T.: 6.111 min
Delta R.T.: -0.003 min
Response: 179292836
Conc: 605.26 ng/ml



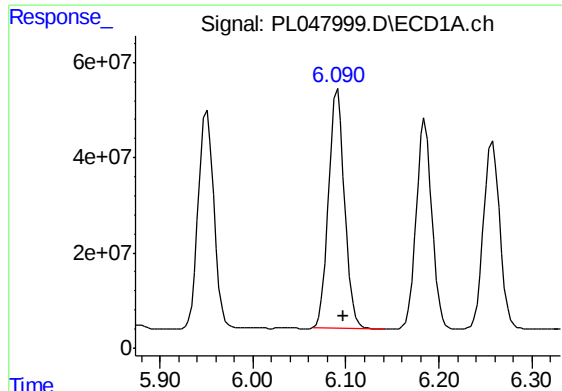
#26 Chlordane-4

R.T.: 5.324 min
Delta R.T.: -0.004 min
Response: 649378755
Conc: 528.49 ng/ml



#26 Chlordane-4

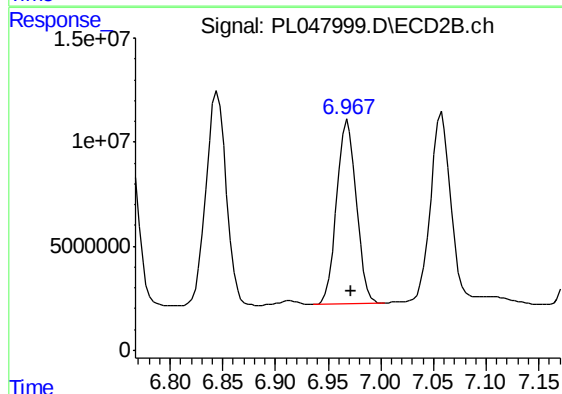
R.T.: 6.160 min
Delta R.T.: -0.003 min
Response: 147824070
Conc: 536.77 ng/ml



#27 Chlordane-5

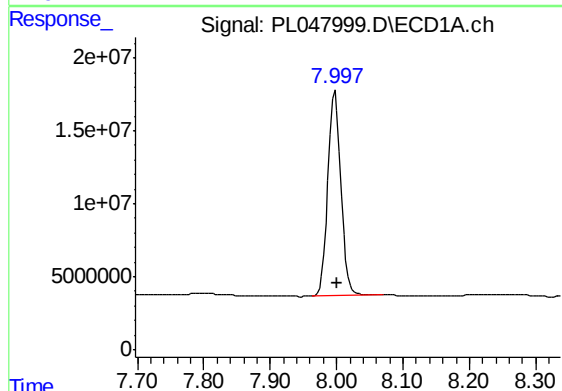
R.T.: 6.091 min
Delta R.T.: -0.007 min
Response: 601777885
Conc: 1419.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B186-042419MSD



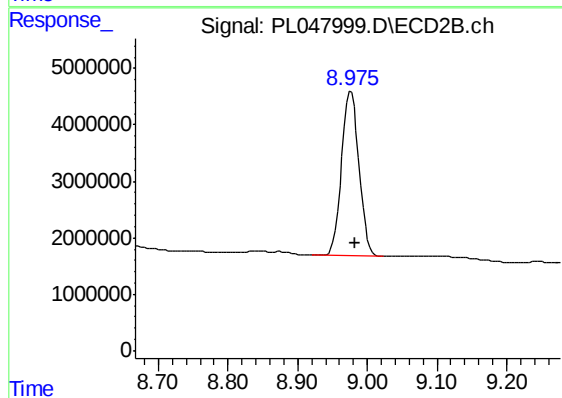
#27 Chlordane-5

R.T.: 6.969 min
Delta R.T.: -0.004 min
Response: 114766617
Conc: 509.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.998 min
Delta R.T.: -0.004 min
Response: 192440437
Conc: 17.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.977 min
Delta R.T.: -0.005 min
Response: 50353210
Conc: 17.64 ng/ml