

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062819\
 Data File : PL050018.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jun 2019 13:16
 Operator : SM\AJ
 Sample : K3558-08MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PST-032-B204-062519MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 23:06:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062019.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 21 02:23:20 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...	3.321	3.932	181.9E6	51608525	16.132	16.856
28)	SA Decachlor...	7.985	8.964	142.5E6	41213053	11.216	12.277
Target Compounds							
2)	A alpha-BHC	3.749	4.320	745.6E6	187.1E6	39.688	41.803
3)	MA gamma-BHC...	4.024	4.604	685.9E6	170.4E6	38.687	41.072
4)	MA Heptachlor	4.308	5.105	641.8E6	160.4E6	35.308	37.063
5)	MB Aldrin	4.547	5.407	686.2E6	165.1E6	39.737	42.154
6)	B beta-BHC	4.279	4.779	256.8E6	69791653	35.104	36.030
7)	B delta-BHC	4.472	4.993	503.7E6	114.7E6	28.165	29.121
8)	B Heptachlor...	4.983	5.794	595.3E6	143.6E6	36.982	39.495
9)	A Endosulfan I	5.313	6.150	482.8E6	114.0E6	31.202	33.546
10)	B gamma-Chl...	5.205	6.028	643.6E6	148.3E6	37.662	39.807
11)	B alpha-Chl...	5.261	6.100	622.5E6	146.7E6	37.502	39.679
12)	B 4,4'-DDE	5.428	6.260	631.9E6	144.7E6	37.931	41.711
13)	MA Dieldrin	5.552	6.406	593.4E6	131.5E6	35.621	37.058
14)	MA Endrin	5.805	6.623	431.5E6	87969895	26.946	27.863
15)	B Endosulfa...	6.080	6.834	318.1E6	75785116	21.831	23.529
16)	A 4,4'-DDD	5.939	6.751	455.0E6	99904689	36.043	38.216
17)	MA 4,4'-DDT	6.173	7.047	401.1E6	91732073	30.211	31.321
18)	B Endrin al...	6.246	6.959	255.8E6	62787413	21.657	22.862
19)	B Endosulfa...	6.458	7.181	238.8E6	59210054	18.416	19.674
20)	A Methoxychlor	6.718	7.509	140.0E6	37444201	21.480	22.465
21)	B Endrin ke...	6.939	7.650	362.8E6	86980028	25.814	27.912
22)	Mirex	7.113	8.099	384.4E6	99350254	37.187	39.289
24)	Chlordane-2	0.000	5.407f	0	165.1E6	N.D.	1062.957 #
25)	Chlordane-3	5.205	6.028	643.6E6	148.3E6	342.665	298.094
26)	Chlordane-4	5.261	6.100	622.5E6	146.7E6	356.697	246.911 #
27)	Chlordane-5	6.080	0.000	318.1E6	0	566.819	N.D. #

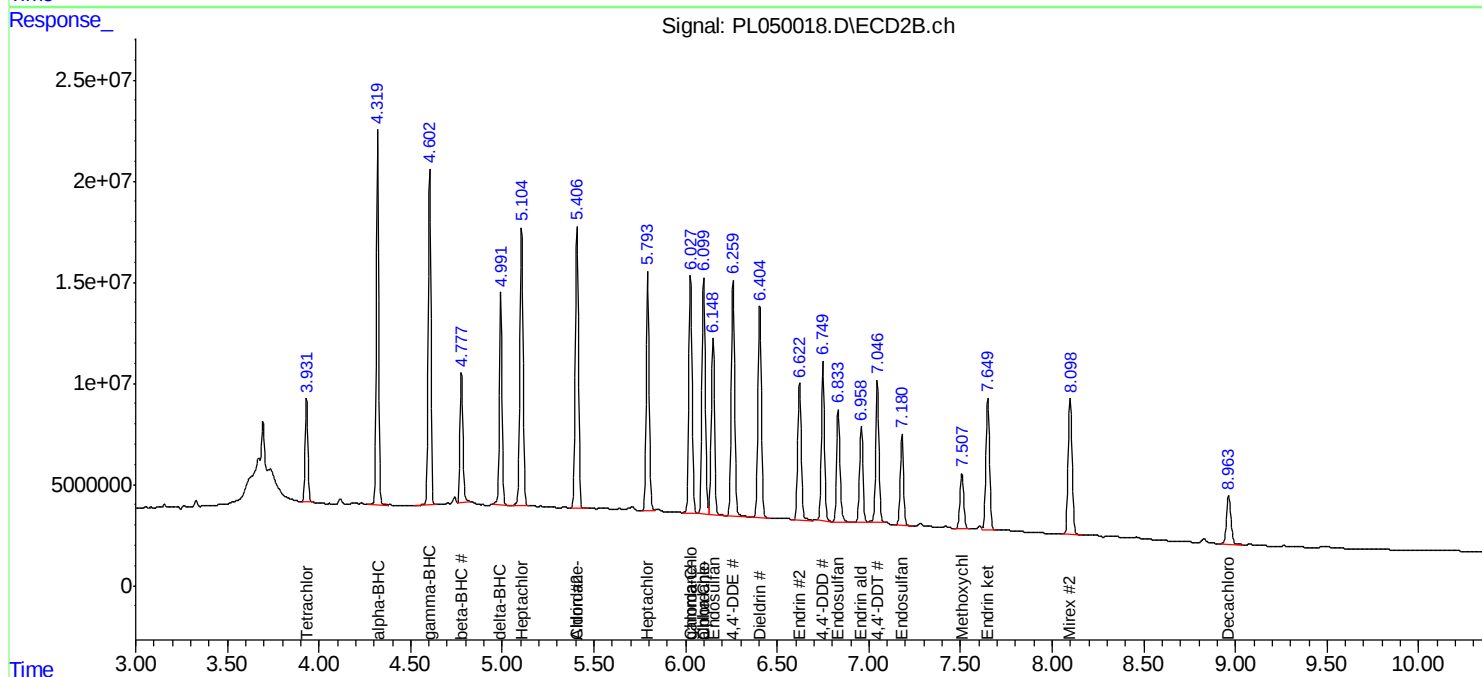
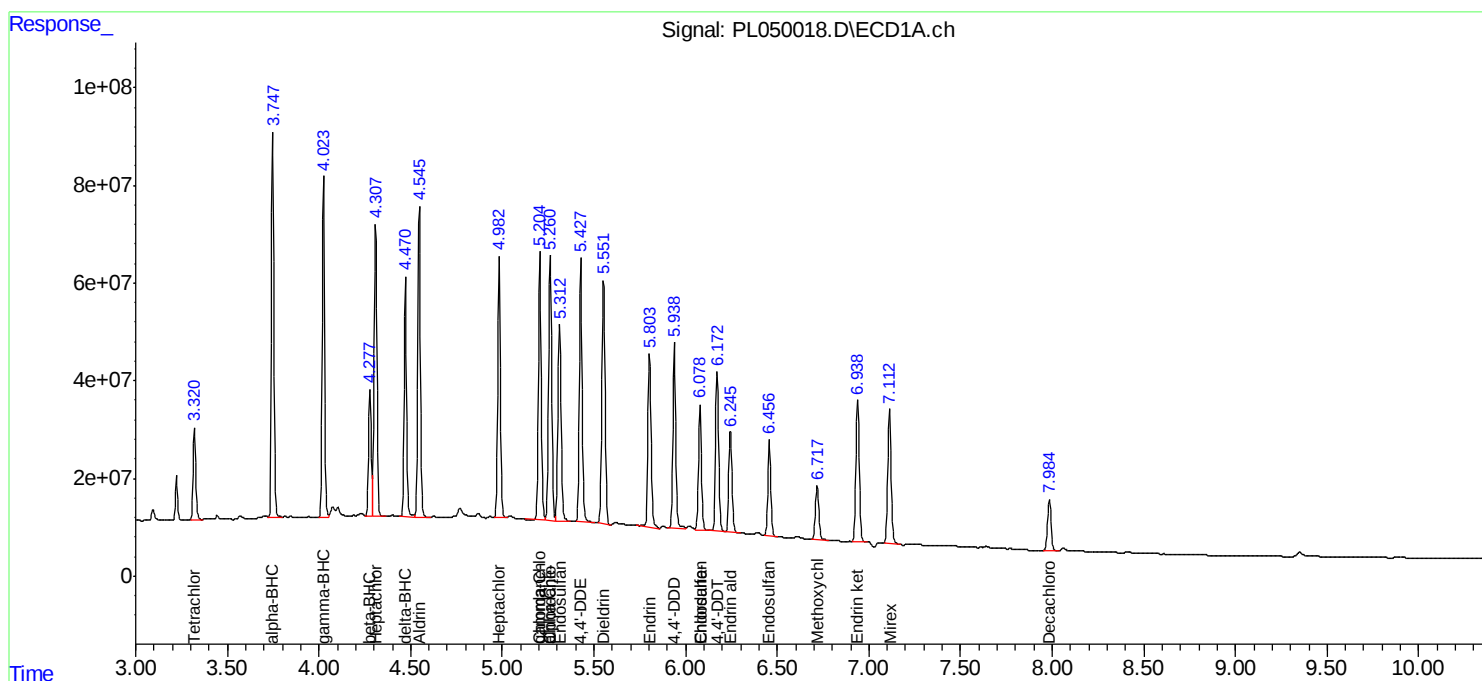
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

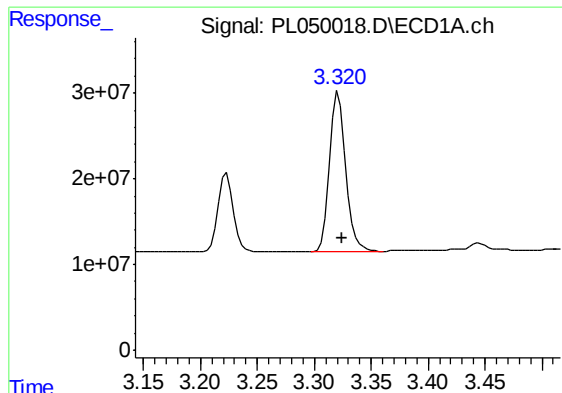
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062819\
Data File : PL050018.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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PST-032-B204-062519MSD

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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

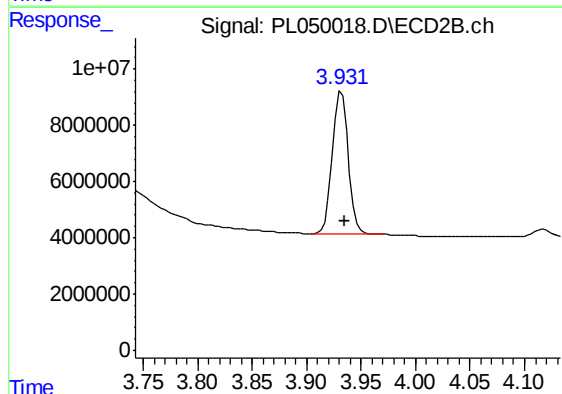




#1 Tetrachloro-m-xylene

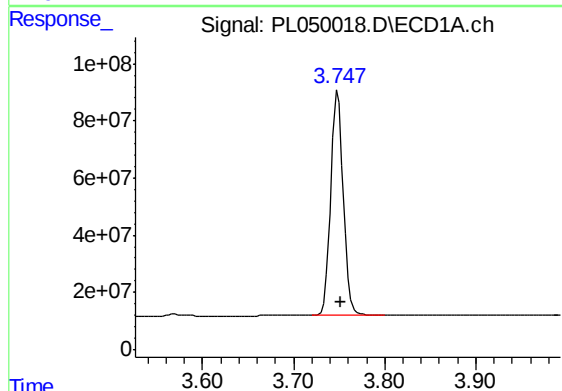
R.T.: 3.321 min
Delta R.T.: -0.003 min
Response: 181927798
Conc: 16.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-032-B204-062519MSD



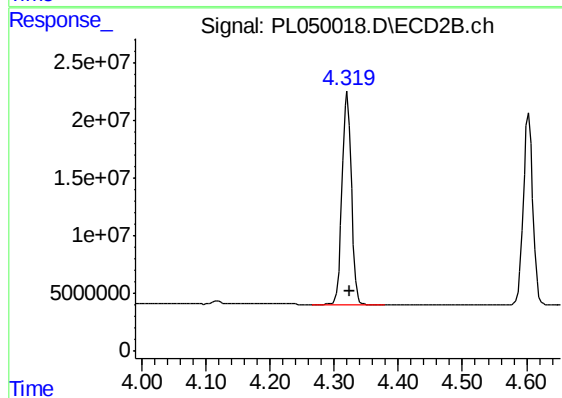
#1 Tetrachloro-m-xylene

R.T.: 3.932 min
Delta R.T.: -0.003 min
Response: 51608525
Conc: 16.86 ng/ml



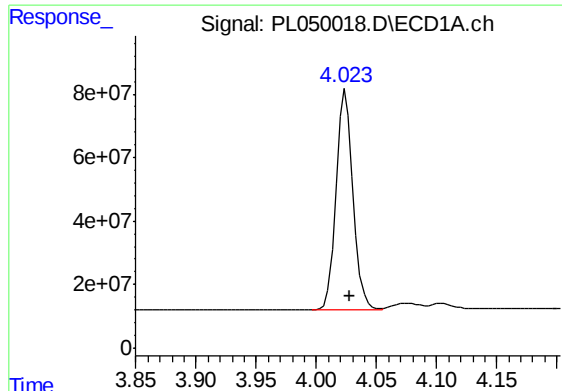
#2 alpha-BHC

R.T.: 3.749 min
Delta R.T.: -0.003 min
Response: 745624068
Conc: 39.69 ng/ml



#2 alpha-BHC

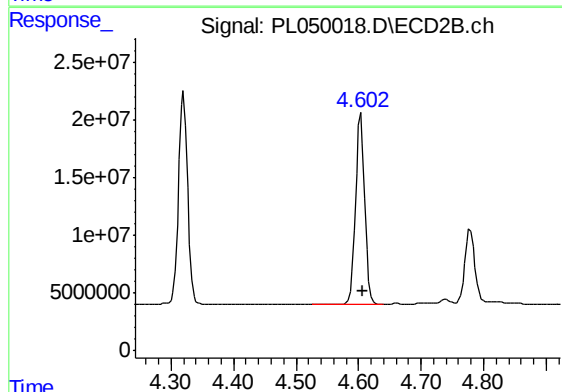
R.T.: 4.320 min
Delta R.T.: -0.004 min
Response: 187133771
Conc: 41.80 ng/ml



#3 gamma-BHC (Lindane)

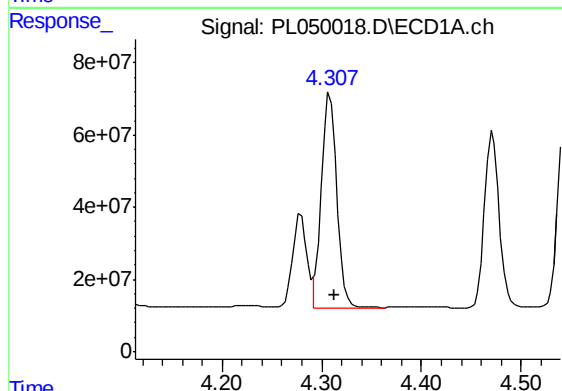
R.T.: 4.024 min
Delta R.T.: -0.003 min
Response: 685948460
Conc: 38.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-032-B204-062519MSD



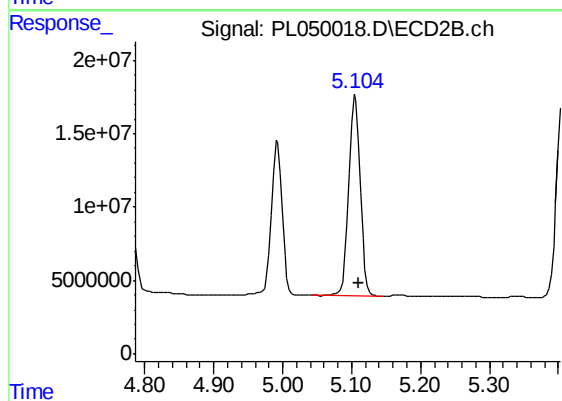
#3 gamma-BHC (Lindane)

R.T.: 4.604 min
Delta R.T.: -0.004 min
Response: 170358115
Conc: 41.07 ng/ml



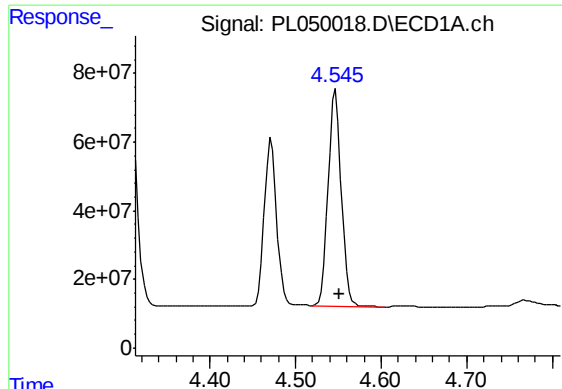
#4 Heptachlor

R.T.: 4.308 min
Delta R.T.: -0.004 min
Response: 641801431
Conc: 35.31 ng/ml



#4 Heptachlor

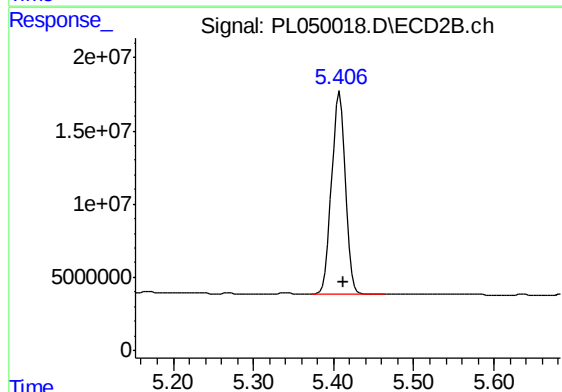
R.T.: 5.105 min
Delta R.T.: -0.005 min
Response: 160425767
Conc: 37.06 ng/ml



#5 Aldrin

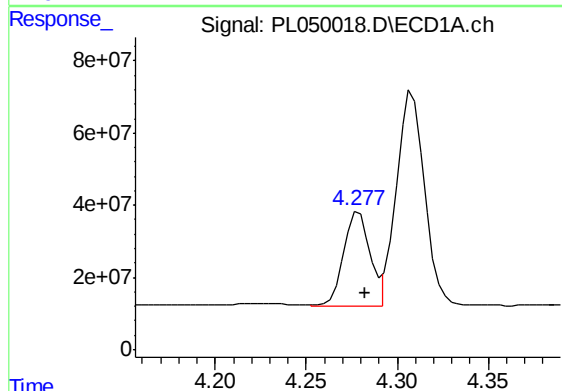
R.T.: 4.547 min
Delta R.T.: -0.004 min
Response: 686183902
Conc: 39.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-032-B204-062519MSD



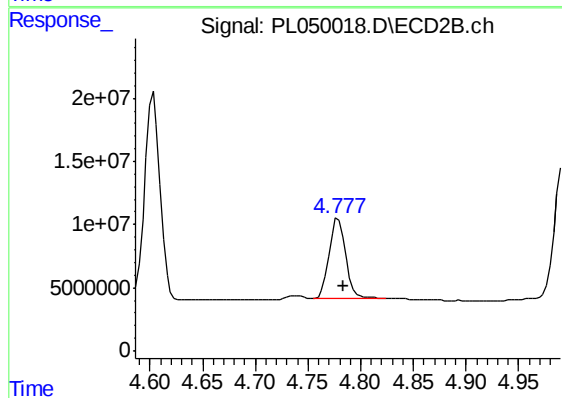
#5 Aldrin

R.T.: 5.407 min
Delta R.T.: -0.006 min
Response: 165120116
Conc: 42.15 ng/ml



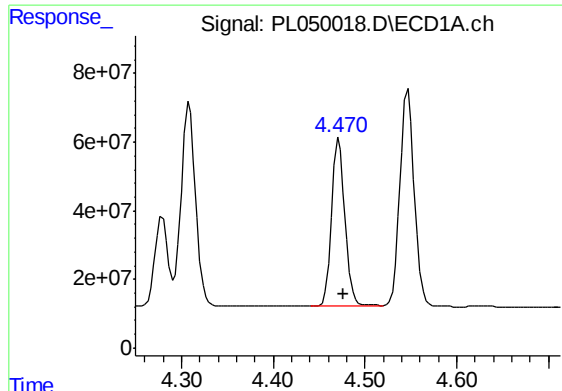
#6 beta-BHC

R.T.: 4.279 min
Delta R.T.: -0.003 min
Response: 256776037
Conc: 35.10 ng/ml



#6 beta-BHC

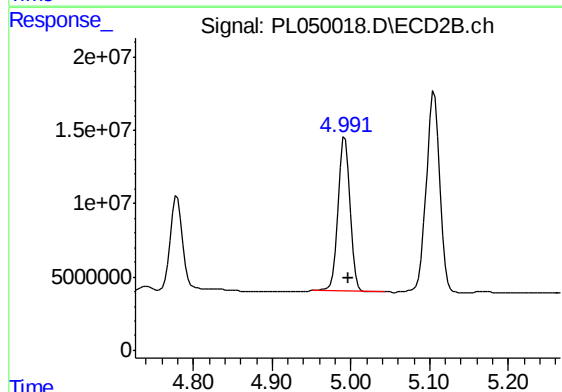
R.T.: 4.779 min
Delta R.T.: -0.004 min
Response: 69791653
Conc: 36.03 ng/ml



#7 delta-BHC

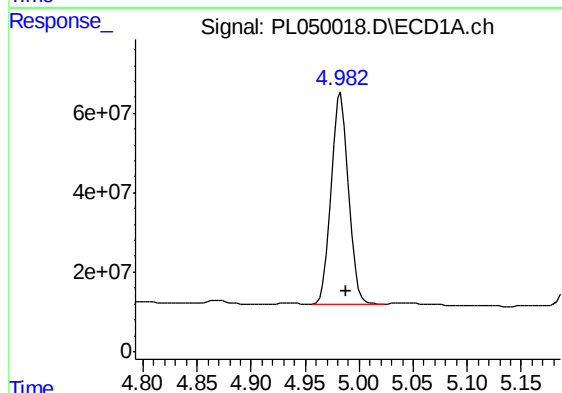
R.T.: 4.472 min
Delta R.T.: -0.005 min
Response: 503702743
Conc: 28.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-032-B204-062519MSD



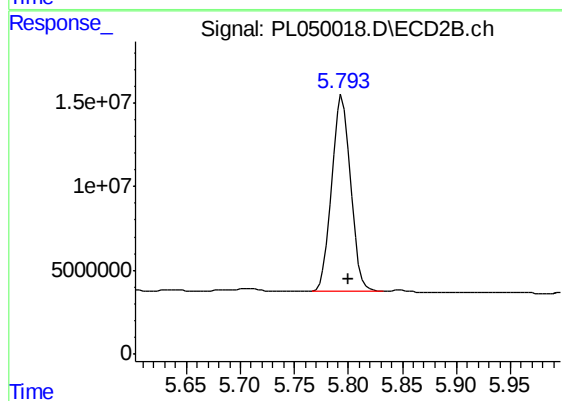
#7 delta-BHC

R.T.: 4.993 min
Delta R.T.: -0.005 min
Response: 114702801
Conc: 29.12 ng/ml



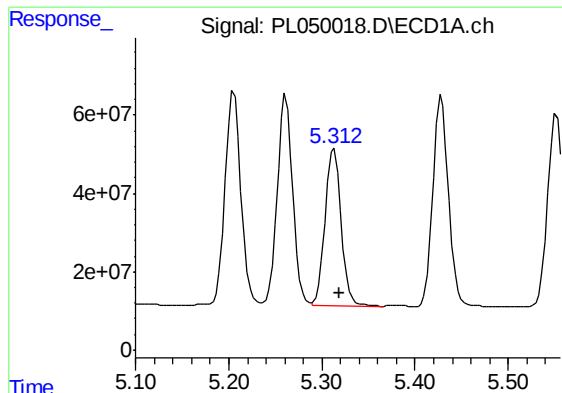
#8 Heptachlor epoxide

R.T.: 4.983 min
Delta R.T.: -0.005 min
Response: 595313157
Conc: 36.98 ng/ml



#8 Heptachlor epoxide

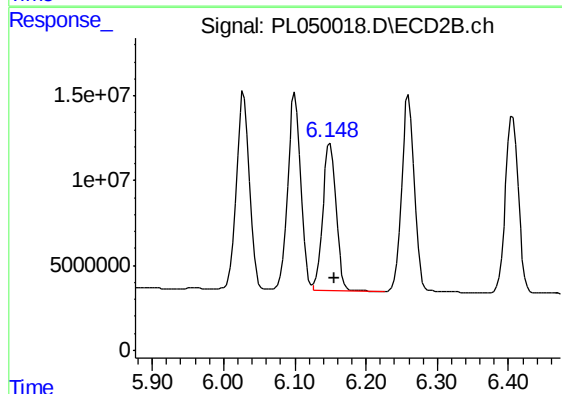
R.T.: 5.794 min
Delta R.T.: -0.006 min
Response: 143593819
Conc: 39.49 ng/ml



#9 Endosulfan I

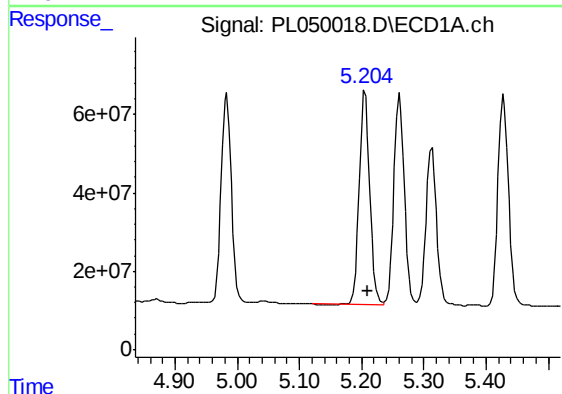
R.T.: 5.313 min
Delta R.T.: -0.006 min
Response: 482773789
Conc: 31.20 ng/ml

Instrument :
ECD_L
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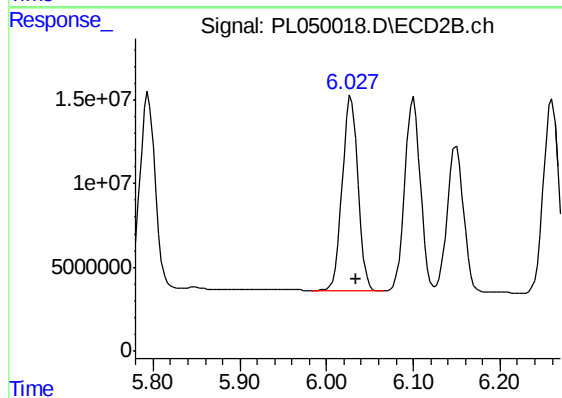
#9 Endosulfan I

R.T.: 6.150 min
Delta R.T.: -0.005 min
Response: 113969257
Conc: 33.55 ng/ml



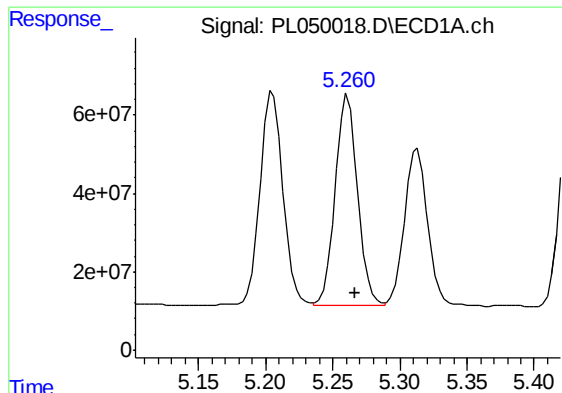
#10 gamma-Chlordane

R.T.: 5.205 min
Delta R.T.: -0.005 min
Response: 643599586
Conc: 37.66 ng/ml



#10 gamma-Chlordane

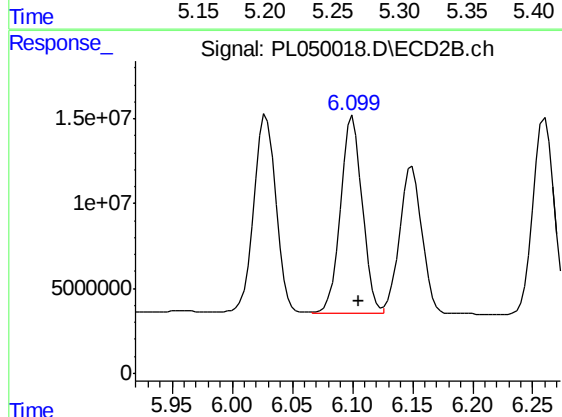
R.T.: 6.028 min
Delta R.T.: -0.006 min
Response: 148338858
Conc: 39.81 ng/ml



#11 alpha-Chlordane

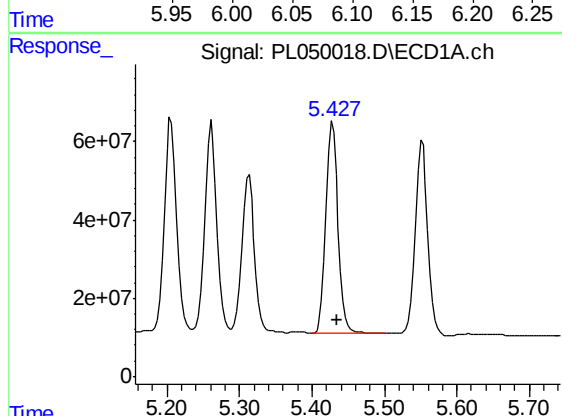
R.T.: 5.261 min
Delta R.T.: -0.005 min
Response: 622486080
Conc: 37.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-032-B204-062519MSD



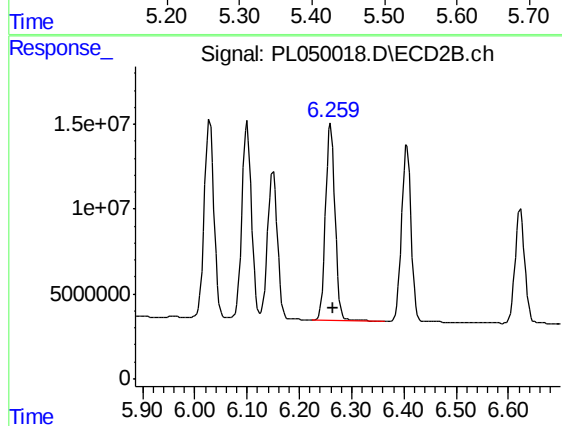
#11 alpha-Chlordane

R.T.: 6.100 min
Delta R.T.: -0.005 min
Response: 146749697
Conc: 39.68 ng/ml



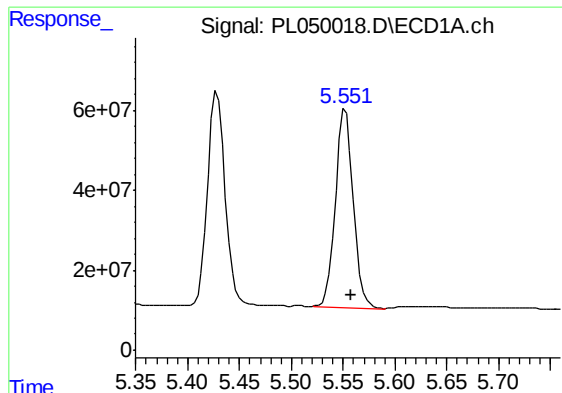
#12 4,4'-DDE

R.T.: 5.428 min
Delta R.T.: -0.006 min
Response: 631901440
Conc: 37.93 ng/ml



#12 4,4'-DDE

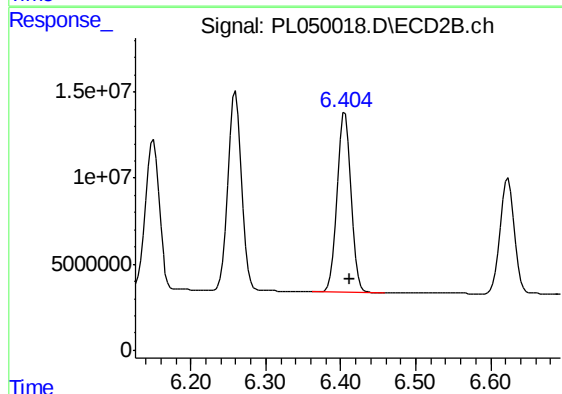
R.T.: 6.260 min
Delta R.T.: -0.006 min
Response: 144743185
Conc: 41.71 ng/ml



#13 Dieldrin

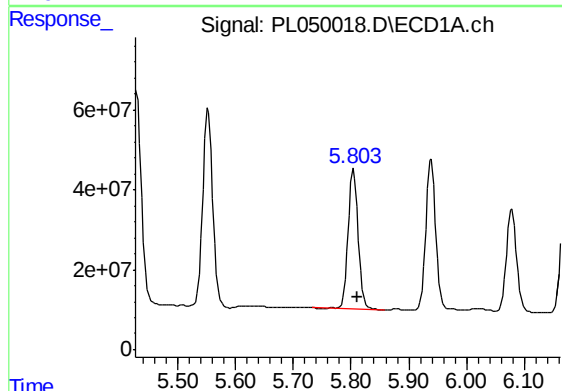
R.T.: 5.552 min
Delta R.T.: -0.005 min
Response: 593359626
Conc: 35.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-032-B204-062519MSD



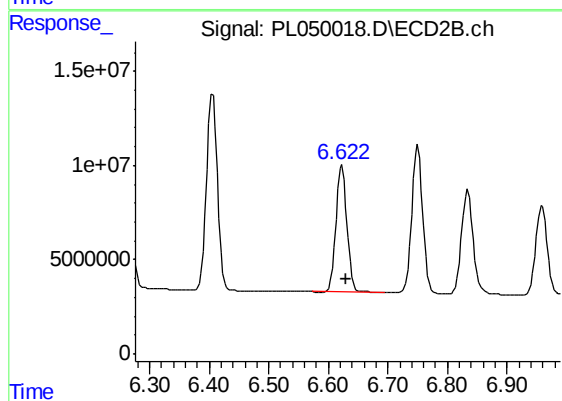
#13 Dieldrin

R.T.: 6.406 min
Delta R.T.: -0.006 min
Response: 131463807
Conc: 37.06 ng/ml



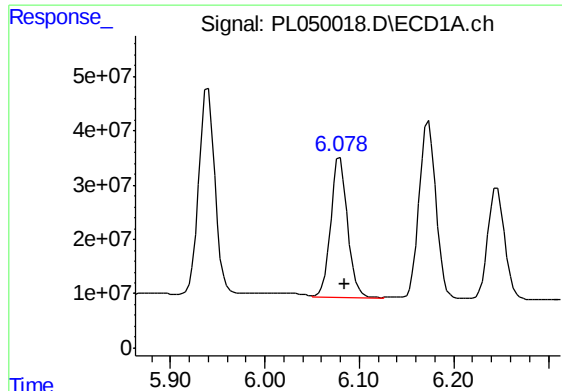
#14 Endrin

R.T.: 5.805 min
Delta R.T.: -0.006 min
Response: 431526197
Conc: 26.95 ng/ml



#14 Endrin

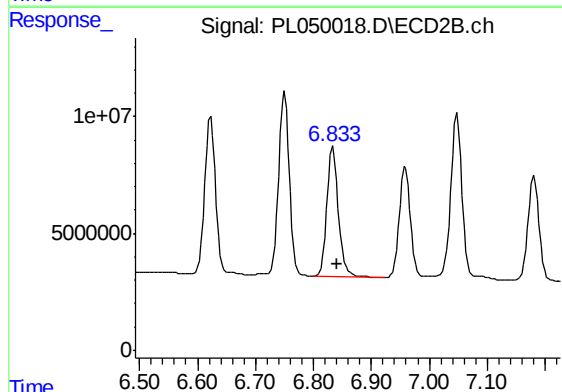
R.T.: 6.623 min
Delta R.T.: -0.006 min
Response: 87969895
Conc: 27.86 ng/ml



#15 Endosulfan II

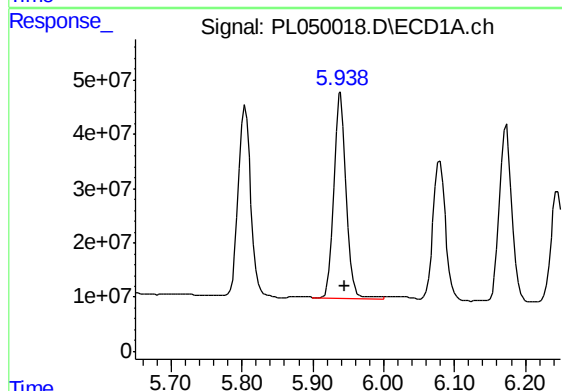
R.T.: 6.080 min
Delta R.T.: -0.006 min
Response: 318102782
Conc: 21.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-032-B204-062519MSD



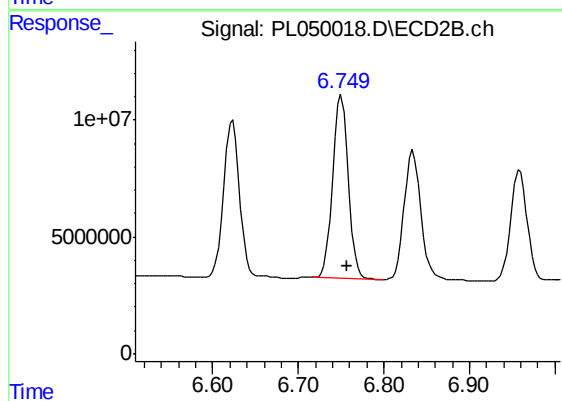
#15 Endosulfan II

R.T.: 6.834 min
Delta R.T.: -0.007 min
Response: 75785116
Conc: 23.53 ng/ml



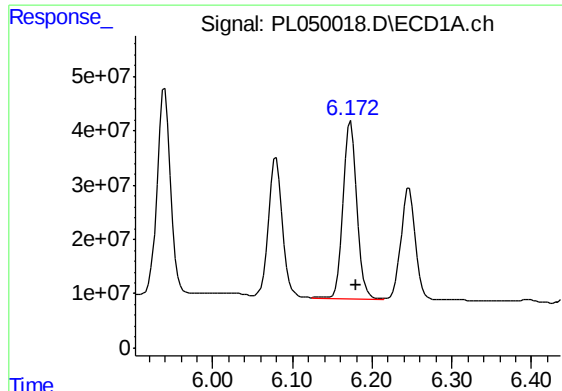
#16 4,4'-DDD

R.T.: 5.939 min
Delta R.T.: -0.006 min
Response: 455007331
Conc: 36.04 ng/ml



#16 4,4'-DDD

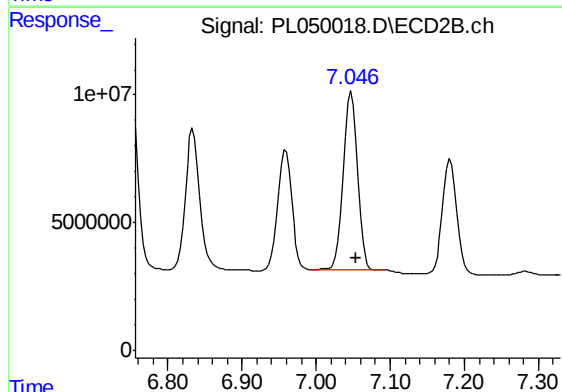
R.T.: 6.751 min
Delta R.T.: -0.006 min
Response: 99904689
Conc: 38.22 ng/ml



#17 4,4'-DDT

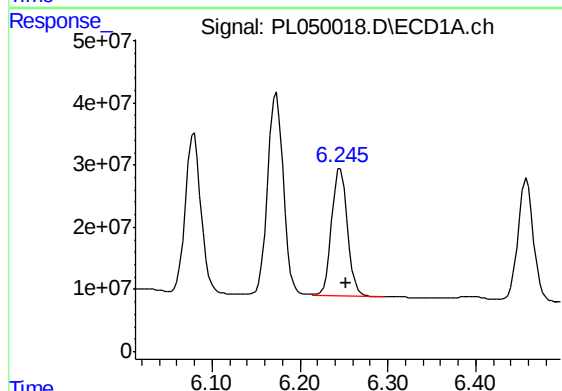
R.T.: 6.173 min
Delta R.T.: -0.006 min
Response: 401079407
Conc: 30.21 ng/ml

Instrument :
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ClientSampleId :
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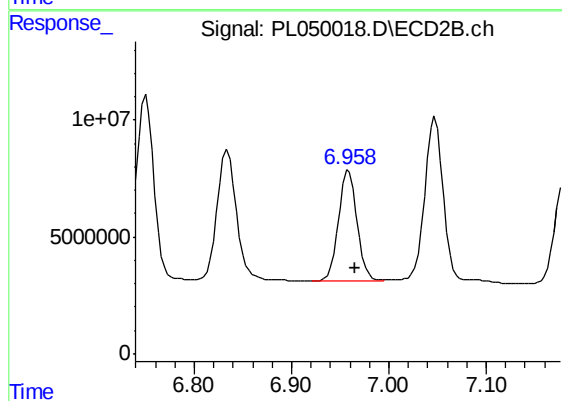
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: -0.006 min
Response: 91732073
Conc: 31.32 ng/ml



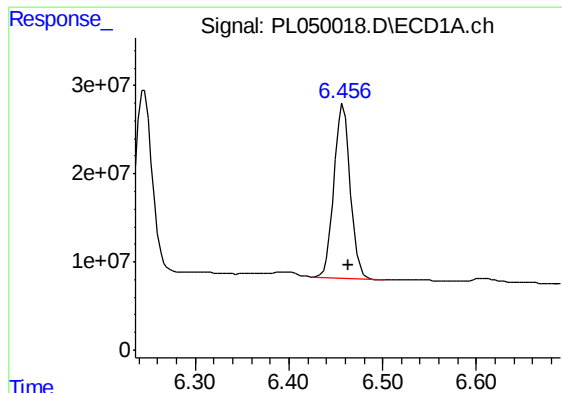
#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: -0.007 min
Response: 255809899
Conc: 21.66 ng/ml



#18 Endrin aldehyde

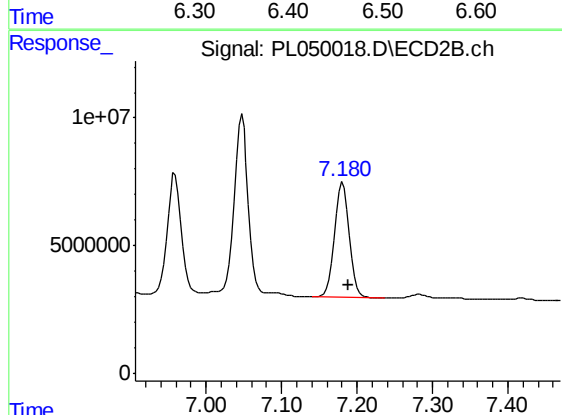
R.T.: 6.959 min
Delta R.T.: -0.006 min
Response: 62787413
Conc: 22.86 ng/ml



#19 Endosulfan Sulfate

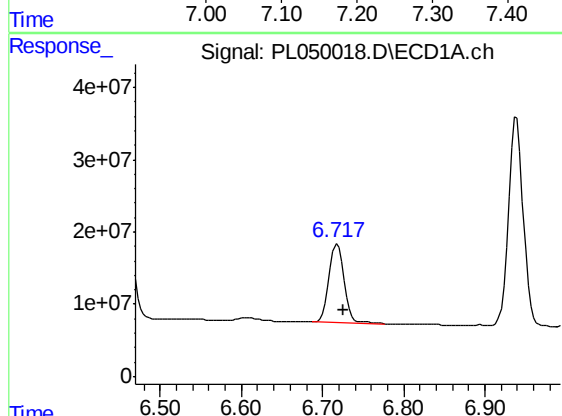
R.T.: 6.458 min
Delta R.T.: -0.006 min
Response: 238777384
Conc: 18.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-032-B204-062519MSD



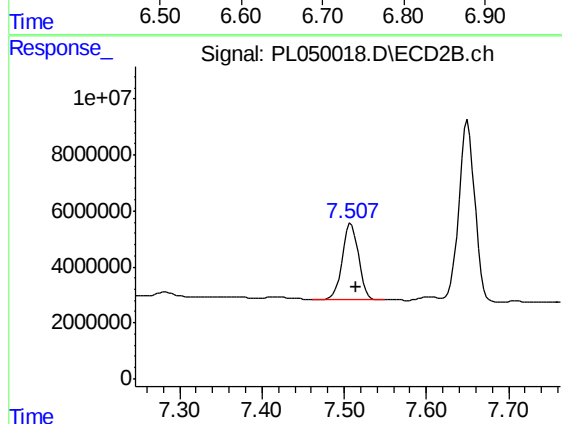
#19 Endosulfan Sulfate

R.T.: 7.181 min
Delta R.T.: -0.007 min
Response: 59210054
Conc: 19.67 ng/ml



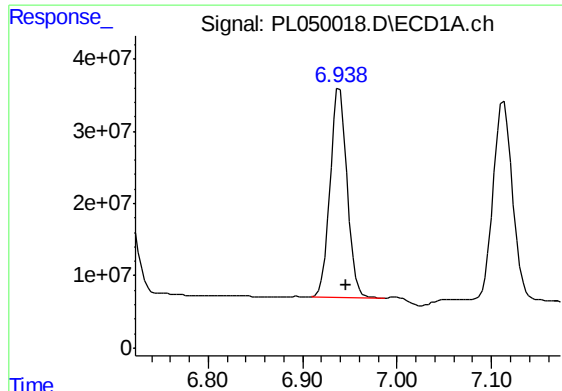
#20 Methoxychlor

R.T.: 6.718 min
Delta R.T.: -0.007 min
Response: 140010267
Conc: 21.48 ng/ml



#20 Methoxychlor

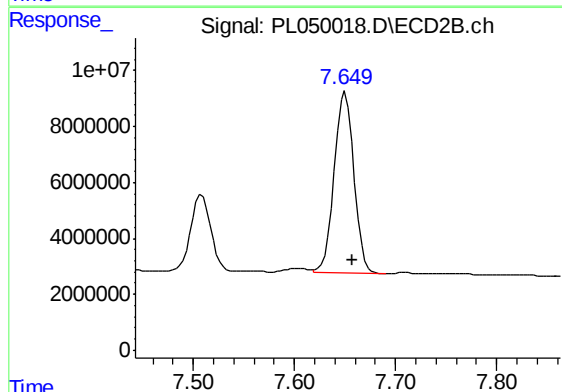
R.T.: 7.509 min
Delta R.T.: -0.006 min
Response: 37444201
Conc: 22.47 ng/ml



#21 Endrin ketone

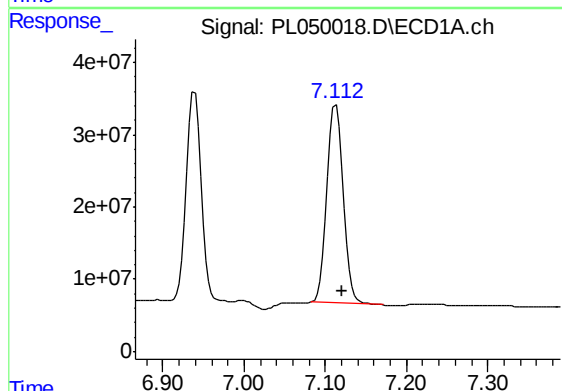
R.T.: 6.939 min
Delta R.T.: -0.007 min
Response: 362825428
Conc: 25.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-032-B204-062519MSD



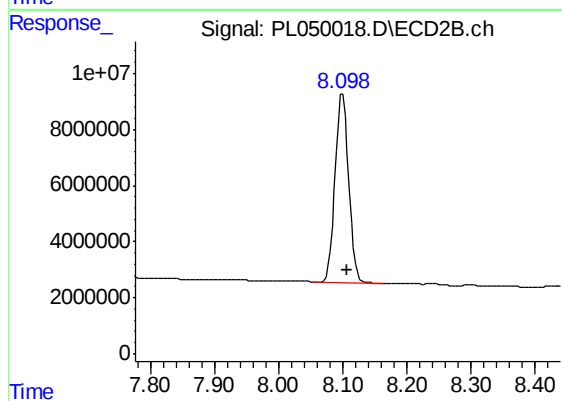
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: -0.007 min
Response: 86980028
Conc: 27.91 ng/ml



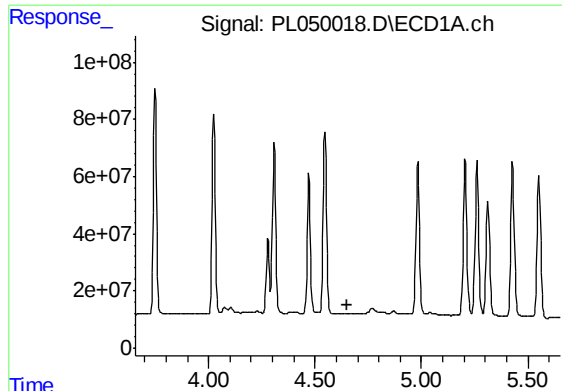
#22 Mirex

R.T.: 7.113 min
Delta R.T.: -0.007 min
Response: 384396316
Conc: 37.19 ng/ml



#22 Mirex

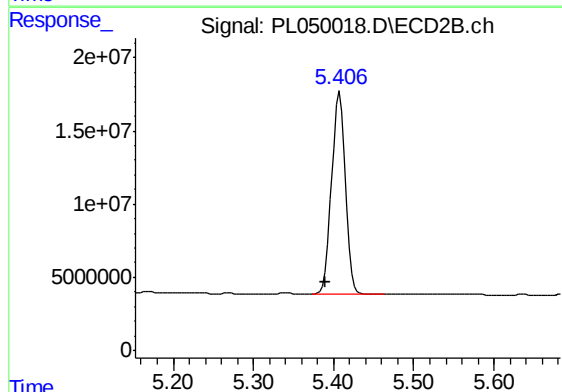
R.T.: 8.099 min
Delta R.T.: -0.007 min
Response: 99350254
Conc: 39.29 ng/ml



#24 Chlordane-2

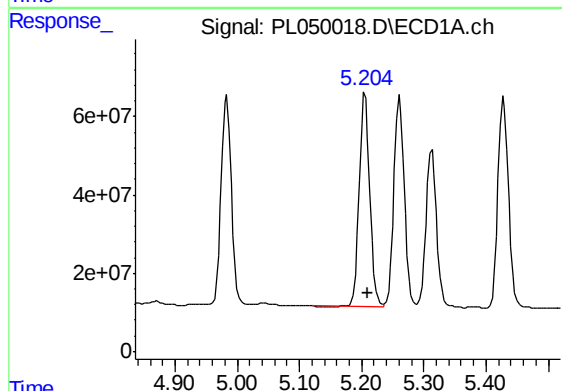
R.T.: 0.000 min
Exp R.T.: 4.655 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PST-032-B204-062519MSD



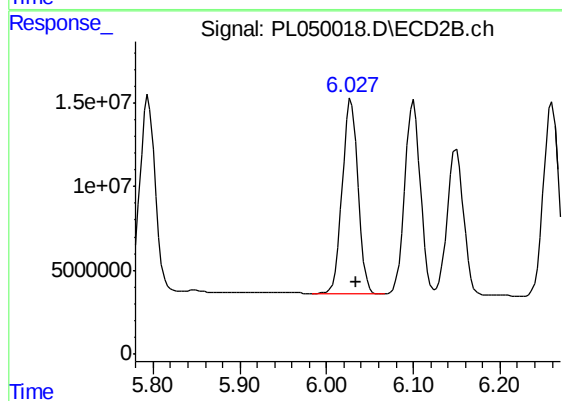
#24 Chlordane-2

R.T.: 5.407 min
Delta R.T.: 0.017 min
Response: 165120116
Conc: 1062.96 ng/ml



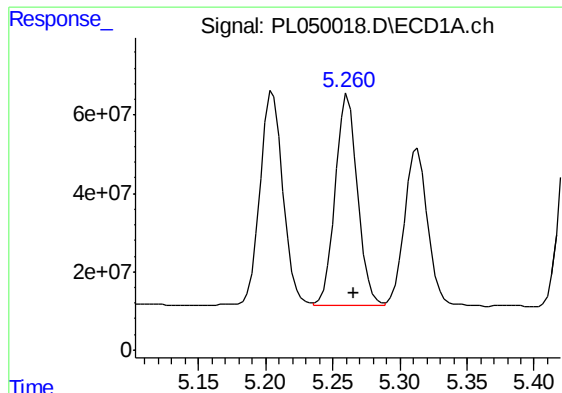
#25 Chlordane-3

R.T.: 5.205 min
Delta R.T.: -0.005 min
Response: 643599586
Conc: 342.67 ng/ml



#25 Chlordane-3

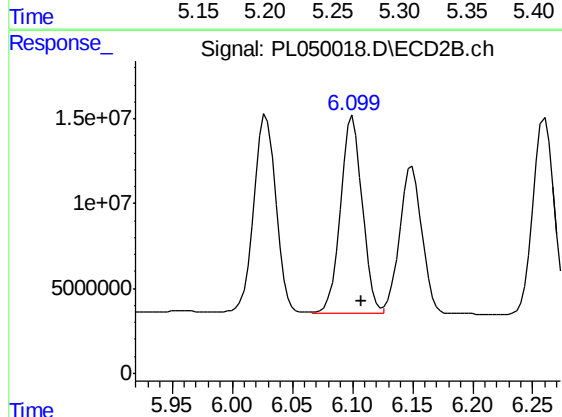
R.T.: 6.028 min
Delta R.T.: -0.006 min
Response: 148338858
Conc: 298.09 ng/ml



#26 Chlordane-4

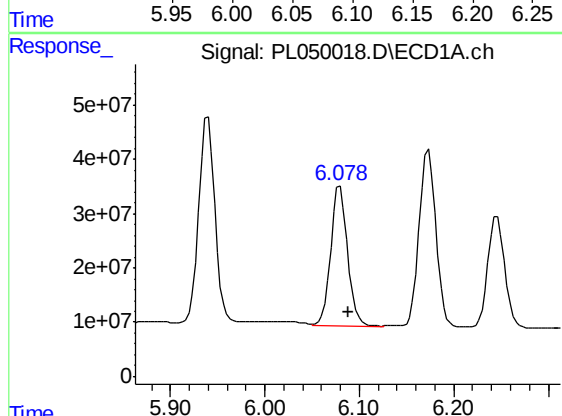
R.T.: 5.261 min
Delta R.T.: -0.004 min
Response: 622486080
Conc: 356.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-032-B204-062519MSD



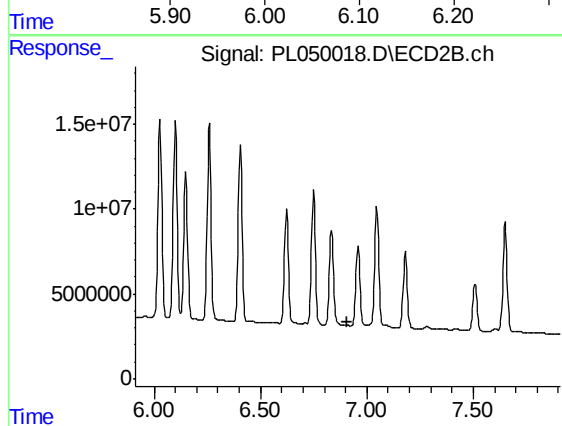
#26 Chlordane-4

R.T.: 6.100 min
Delta R.T.: -0.007 min
Response: 146749697
Conc: 246.91 ng/ml



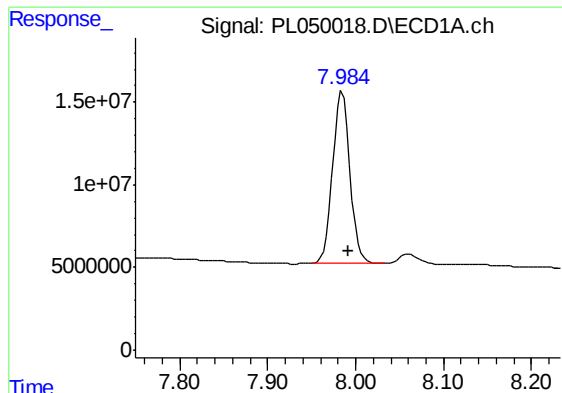
#27 Chlordane-5

R.T.: 6.080 min
Delta R.T.: -0.009 min
Response: 318102782
Conc: 566.82 ng/ml



#27 Chlordane-5

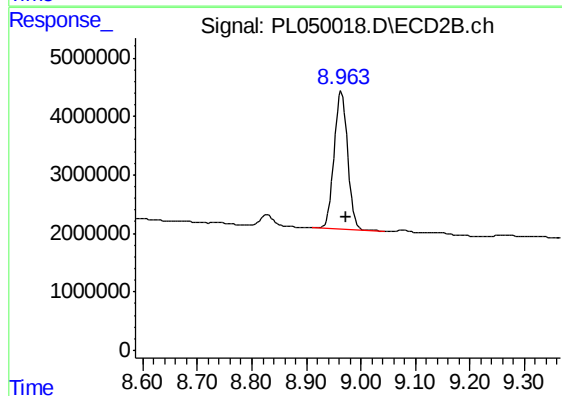
R.T.: 0.000 min
Exp R.T. : 6.910 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.985 min
Delta R.T.: -0.007 min
Response: 142510314
Conc: 11.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-032-B204-062519MSD



#28 Decachlorobiphenyl

R.T.: 8.964 min
Delta R.T.: -0.009 min
Response: 41213053
Conc: 12.28 ng/ml