

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110519\
 Data File : PL054032.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Nov 2019 12:47
 Operator : SG\AJ
 Sample : K5676-05MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 06 00:17:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 18 13:56:08 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...	3.541	4.043	212.1E6	45701293	19.564	18.263
28)	SA Decachlor...	8.324	9.121	180.7E6	51644681	18.414	18.340
Target Compounds							
2)	A alpha-BHC	3.984	4.435	1002.1E6	196.3E6	57.473	56.781
3)	MA gamma-BHC...	4.271	4.720	890.4E6	173.2E6	57.175	53.782
4)	MA Heptachlor	4.577	5.230	911.9E6	173.5E6	57.779	53.847
5)	MB Aldrin	4.829	5.535	829.5E6	160.8E6	58.024	53.944
6)	B beta-BHC	4.521	4.890	374.9E6	79431700	56.897	51.425
7)	B delta-BHC	4.729	5.108	799.9E6	123.1E6	52.549	40.762
8)	B Heptachlo...	5.274	5.921	788.6E6	133.5E6	58.416	45.777
9)	A Endosulfan I	5.616	6.278	700.3E6	144.8E6	56.968	53.424
10)	B gamma-Chl...	5.502	6.155	784.4E6	148.5E6	57.493	50.886
11)	B alpha-Chl...	5.561	6.228	750.1E6	155.1E6	56.383	53.141
12)	B 4,4'-DDE	5.724	6.384	696.1E6	151.7E6	58.585	53.869
13)	MA Dieldrin	5.860	6.535	742.4E6	155.1E6	56.959	54.342
14)	MA Endrin	6.119	6.752	695.2E6	133.1E6	59.974	54.853
15)	B Endosulfa...	6.391	6.961	605.5E6	141.0E6	54.162	55.187
16)	A 4,4'-DDD	6.241	6.874	542.5E6	119.7E6	60.955	57.417
17)	MA 4,4'-DDT	6.483	7.172	558.4E6	129.1E6	56.363	55.813
18)	B Endrin al...	6.559	7.085	488.3E6	121.4E6	53.249	55.266
19)	B Endosulfa...	6.773	7.308	542.4E6	126.3E6	53.326	51.459
20)	A Methoxychlor	7.028	7.630	266.9E6	69218135	54.139	53.289
21)	B Endrin ke...	7.267	7.780	592.6E6	140.9E6	55.052	54.659
22)	Mirex	7.460	8.235	511.4E6	114.0E6	59.789	56.356
23)	Chlordane-1	4.414	0.000	15144253	0	42.699	N.D. #
24)	Chlordane-2	0.000	5.535f	0	160.8E6	N.D.	1637.500 #
25)	Chlordane-3	5.502	6.155	784.4E6	148.5E6	680.507	406.522 #
26)	Chlordane-4	5.561	6.228	750.1E6	155.1E6	800.138	345.548 #
27)	Chlordane-5	6.391f	7.013f	605.5E6	3559639	1656.565	46.563 #

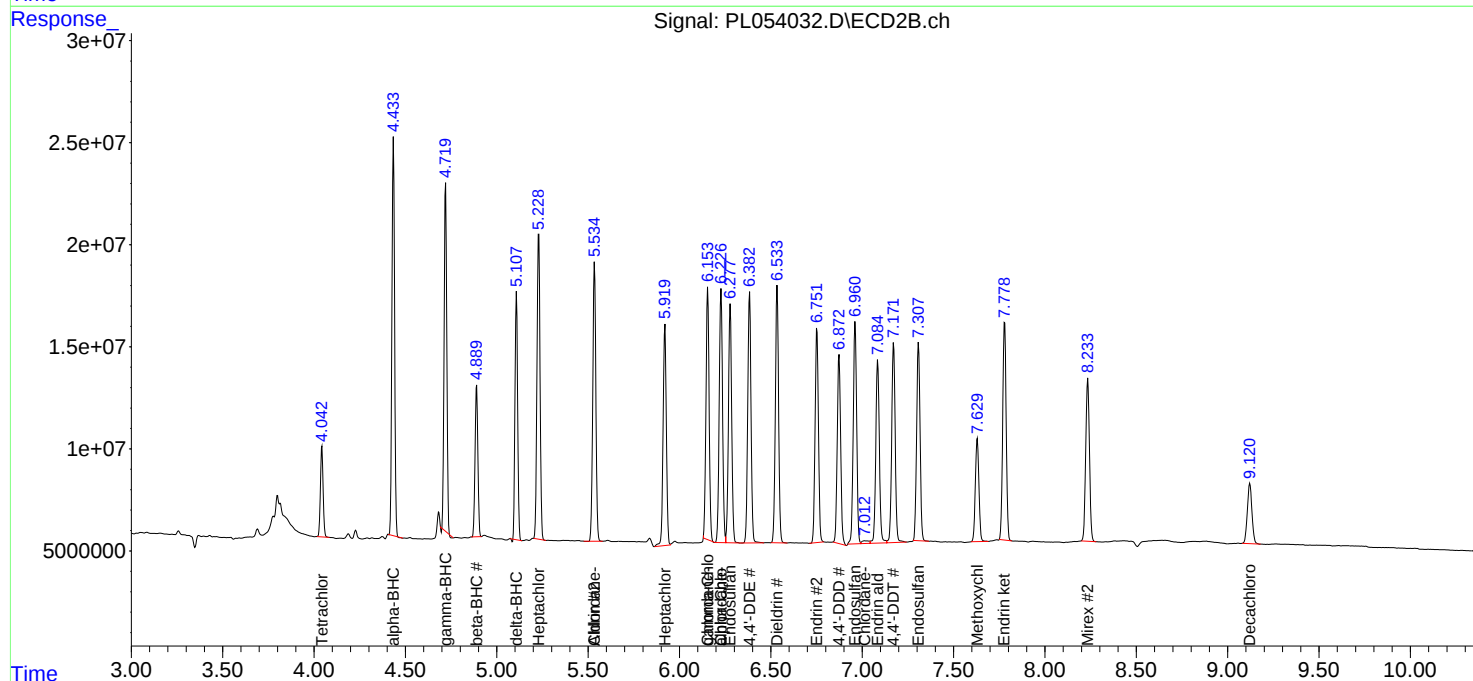
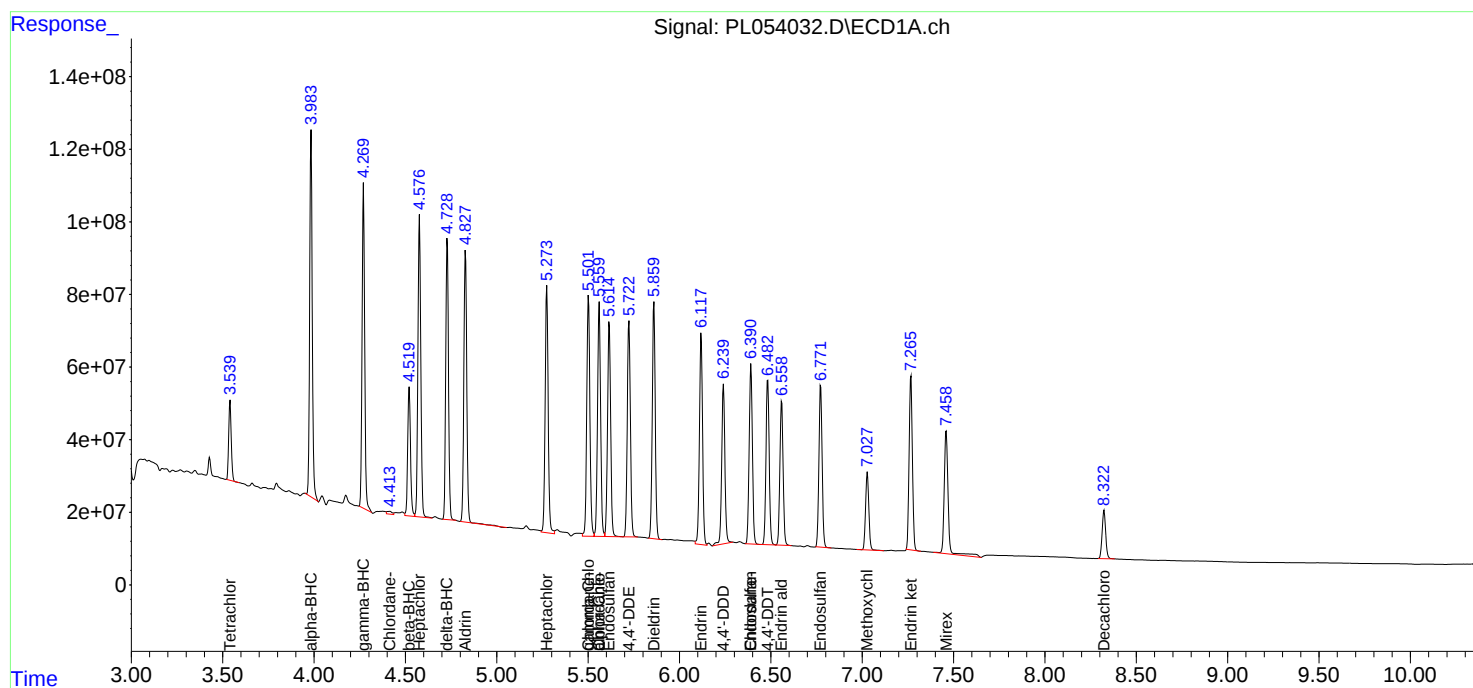
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

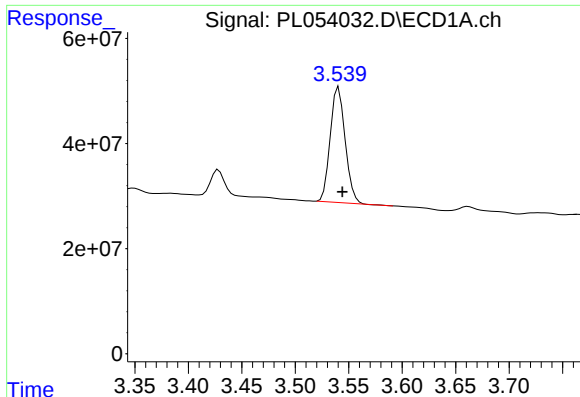
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110519\
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

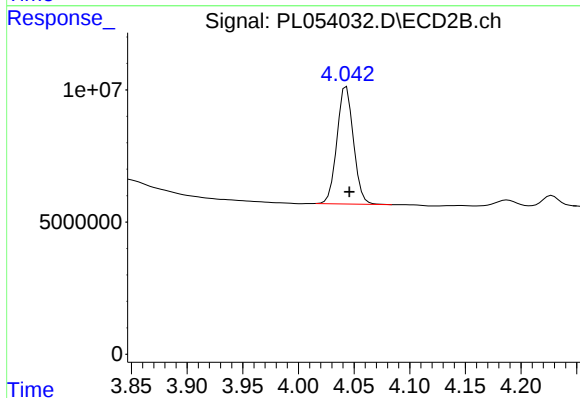




#1 Tetrachloro-m-xylene

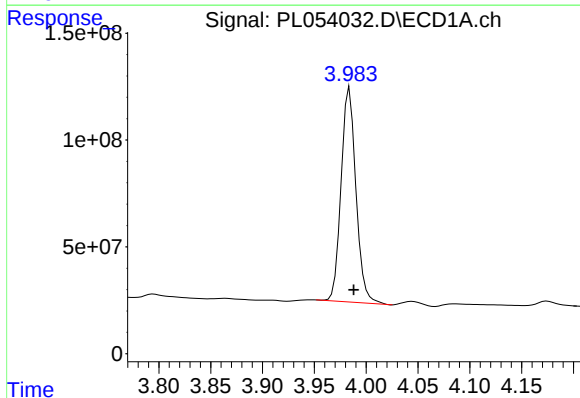
R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 212061785
Conc: 19.56 ng/ml

Instrument :
ECD_L
ClientSampleId :



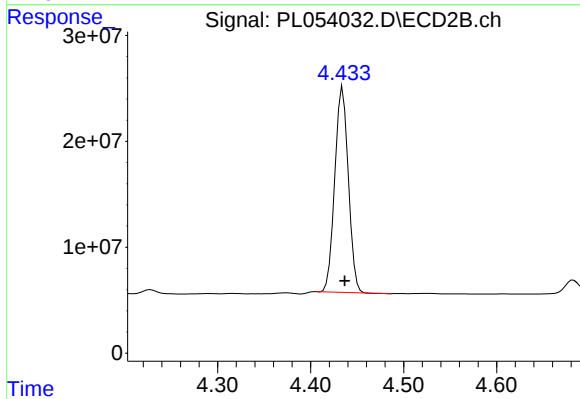
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 45701293
Conc: 18.26 ng/ml



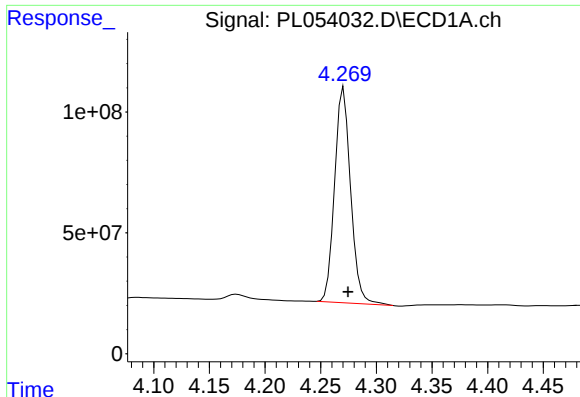
#2 alpha-BHC

R.T.: 3.984 min
Delta R.T.: -0.004 min
Response: 1002129721
Conc: 57.47 ng/ml



#2 alpha-BHC

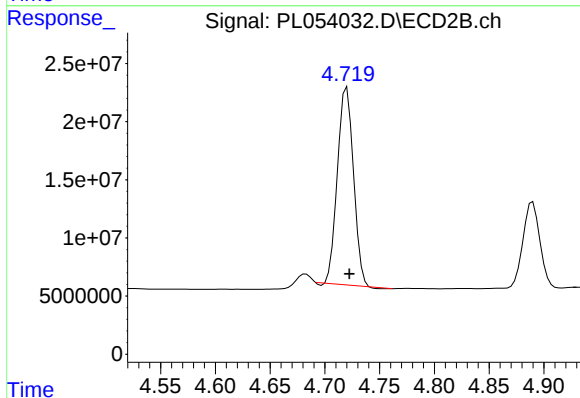
R.T.: 4.435 min
Delta R.T.: -0.002 min
Response: 196296554
Conc: 56.78 ng/ml



#3 gamma-BHC (Lindane)

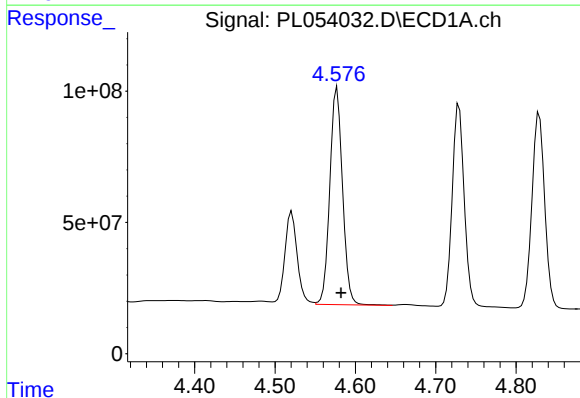
R.T.: 4.271 min
Delta R.T.: -0.004 min
Response: 890428155
Conc: 57.18 ng/ml

Instrument :
ECD_L
ClientSampleId :



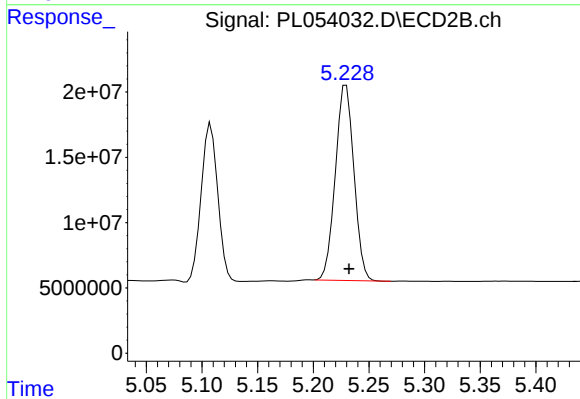
#3 gamma-BHC (Lindane)

R.T.: 4.720 min
Delta R.T.: -0.002 min
Response: 173199921
Conc: 53.78 ng/ml



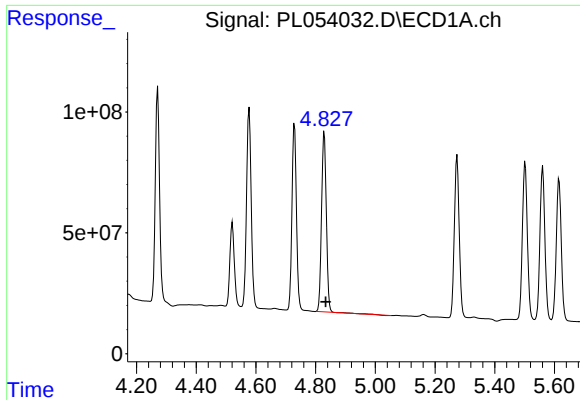
#4 Heptachlor

R.T.: 4.577 min
Delta R.T.: -0.005 min
Response: 911913583
Conc: 57.78 ng/ml



#4 Heptachlor

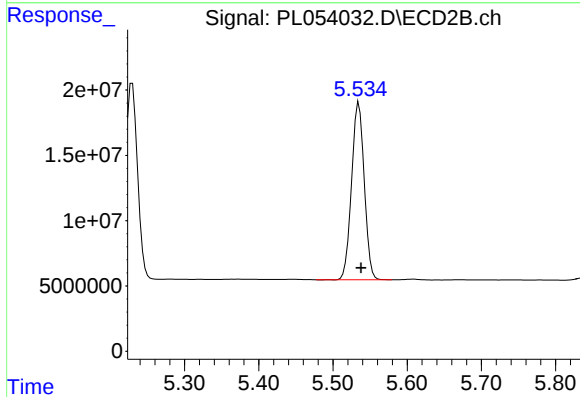
R.T.: 5.230 min
Delta R.T.: -0.003 min
Response: 173504487
Conc: 53.85 ng/ml



#5 Aldrin

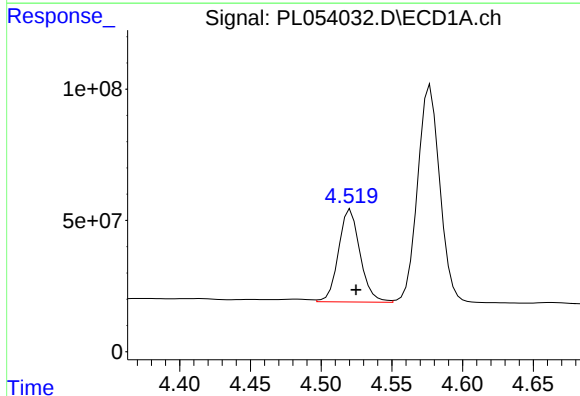
R.T.: 4.829 min
Delta R.T.: -0.005 min
Response: 829491111
Conc: 58.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



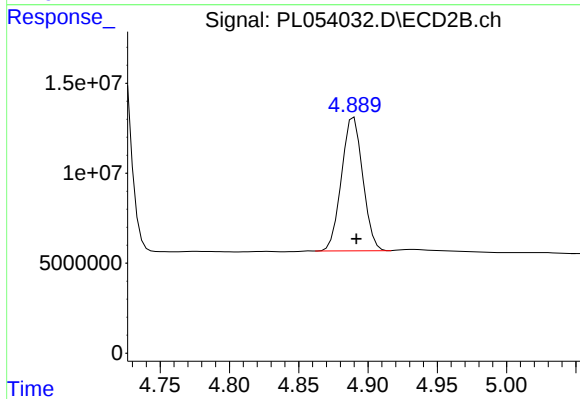
#5 Aldrin

R.T.: 5.535 min
Delta R.T.: -0.003 min
Response: 160837623
Conc: 53.94 ng/ml



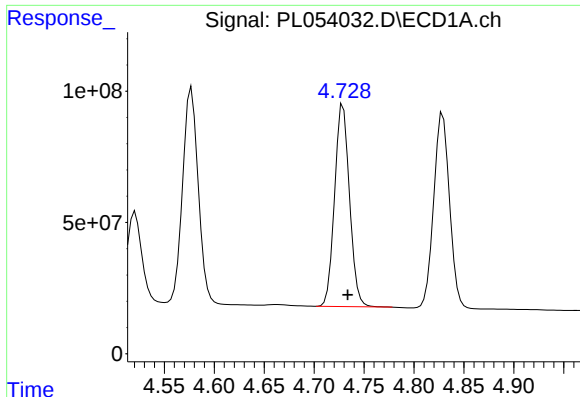
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: -0.004 min
Response: 374943907
Conc: 56.90 ng/ml



#6 beta-BHC

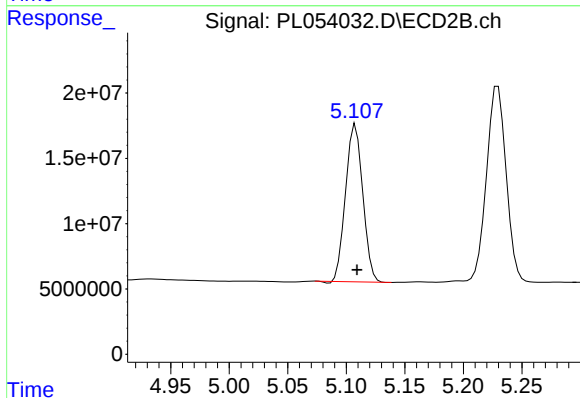
R.T.: 4.890 min
Delta R.T.: -0.002 min
Response: 79431700
Conc: 51.42 ng/ml



#7 delta-BHC

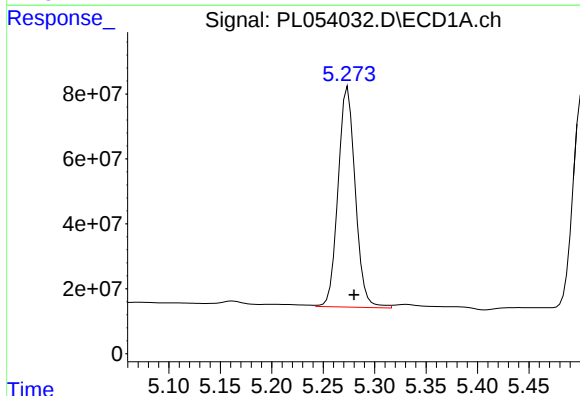
R.T.: 4.729 min
Delta R.T.: -0.005 min
Response: 799851823
Conc: 52.55 ng/ml

Instrument :
ECD_L
ClientSampleId :



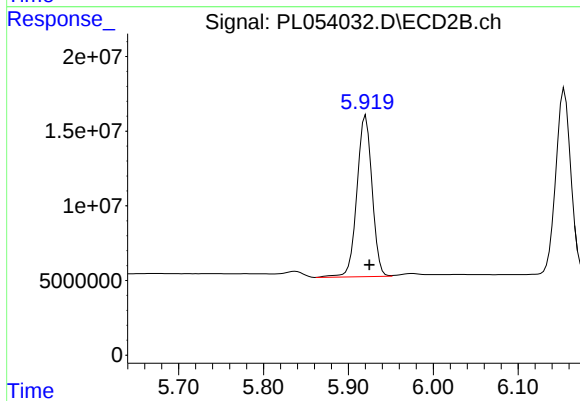
#7 delta-BHC

R.T.: 5.108 min
Delta R.T.: -0.001 min
Response: 123125791
Conc: 40.76 ng/ml



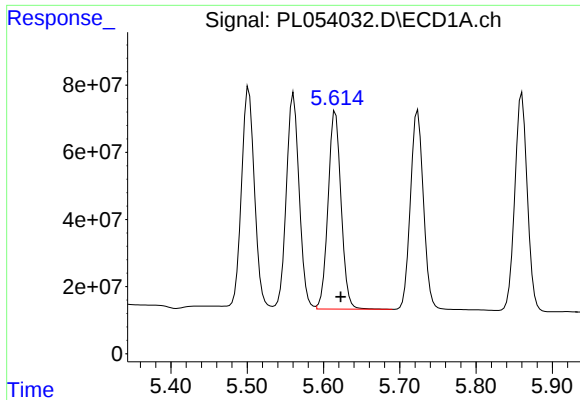
#8 Heptachlor epoxide

R.T.: 5.274 min
Delta R.T.: -0.006 min
Response: 788565969
Conc: 58.42 ng/ml



#8 Heptachlor epoxide

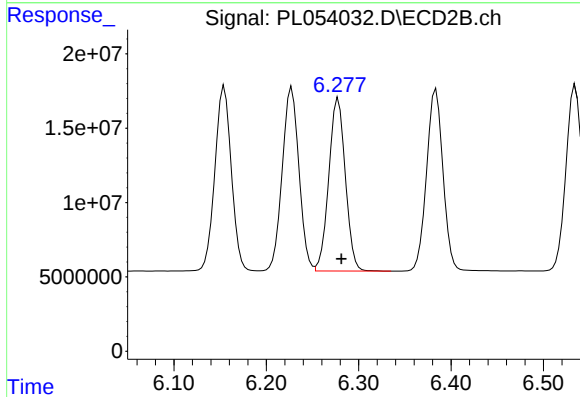
R.T.: 5.921 min
Delta R.T.: -0.004 min
Response: 133503152
Conc: 45.78 ng/ml



#9 Endosulfan I

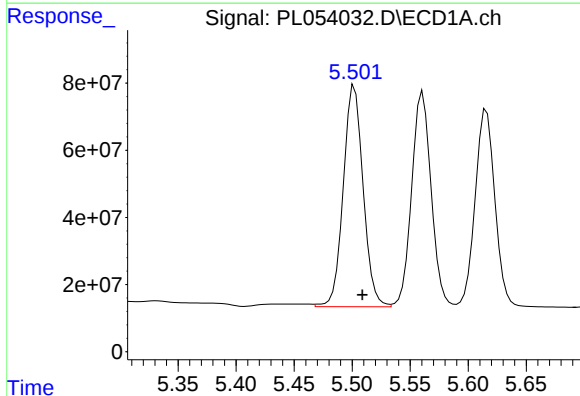
R.T.: 5.616 min
Delta R.T.: -0.007 min
Response: 700256426
Conc: 56.97 ng/ml

Instrument :
ECD_L
ClientSampleId :



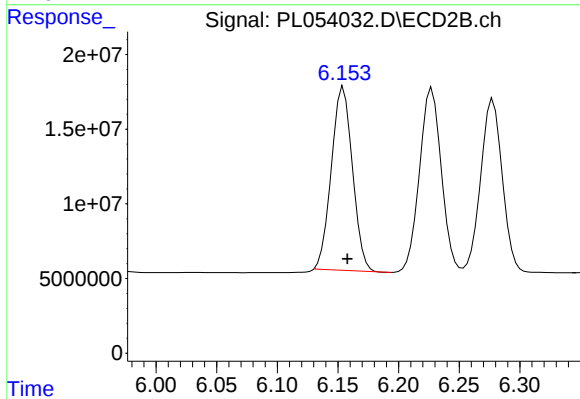
#9 Endosulfan I

R.T.: 6.278 min
Delta R.T.: -0.003 min
Response: 144846449
Conc: 53.42 ng/ml



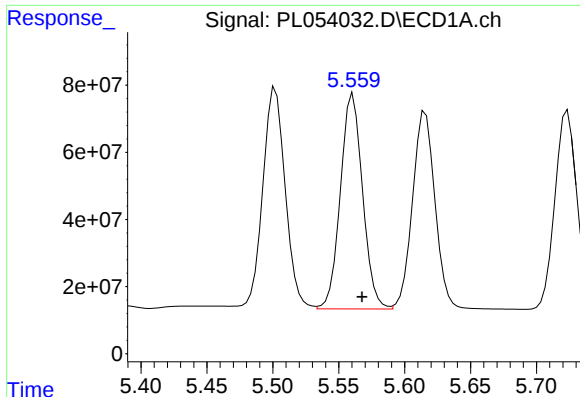
#10 gamma-Chlordane

R.T.: 5.502 min
Delta R.T.: -0.007 min
Response: 784411057
Conc: 57.49 ng/ml



#10 gamma-Chlordane

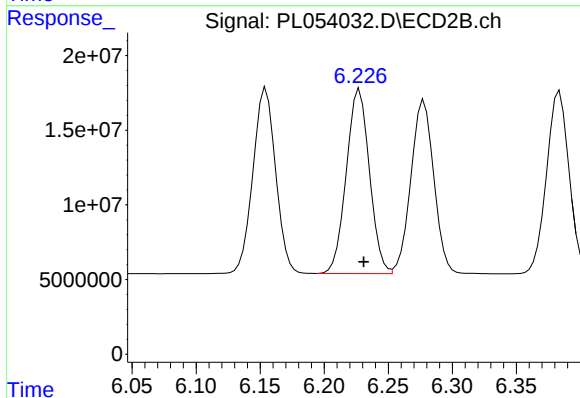
R.T.: 6.155 min
Delta R.T.: -0.003 min
Response: 148474207
Conc: 50.89 ng/ml



#11 alpha-Chlordane

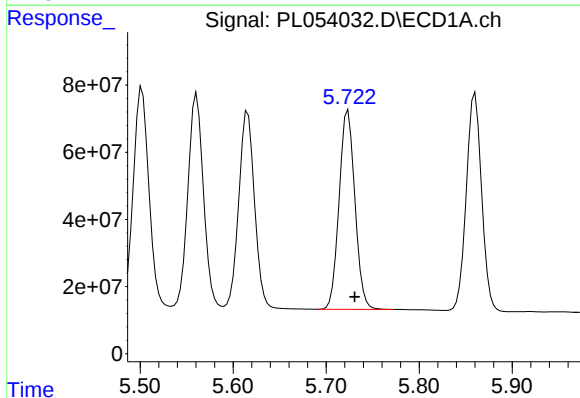
R.T.: 5.561 min
Delta R.T.: -0.007 min
Response: 750090875
Conc: 56.38 ng/ml

Instrument :
ECD_L
ClientSampleId :



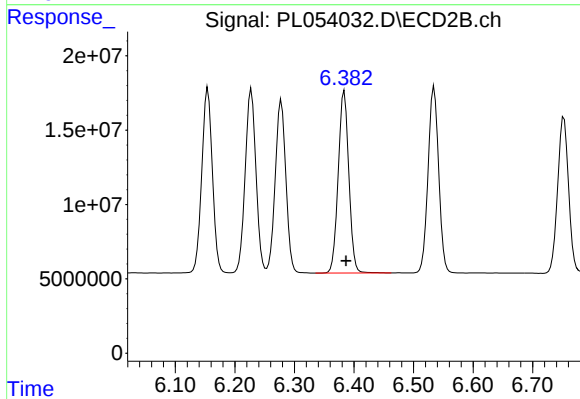
#11 alpha-Chlordane

R.T.: 6.228 min
Delta R.T.: -0.003 min
Response: 155129450
Conc: 53.14 ng/ml



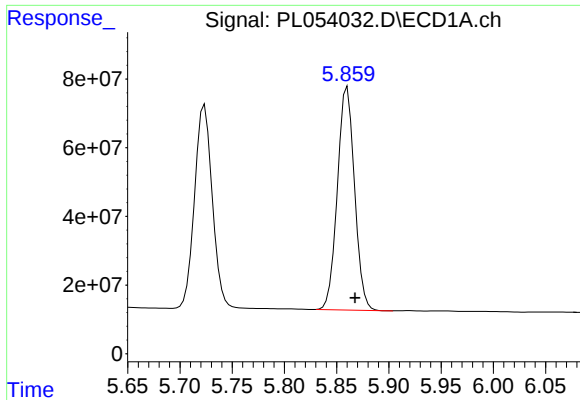
#12 4,4'-DDE

R.T.: 5.724 min
Delta R.T.: -0.007 min
Response: 696125864
Conc: 58.59 ng/ml



#12 4,4'-DDE

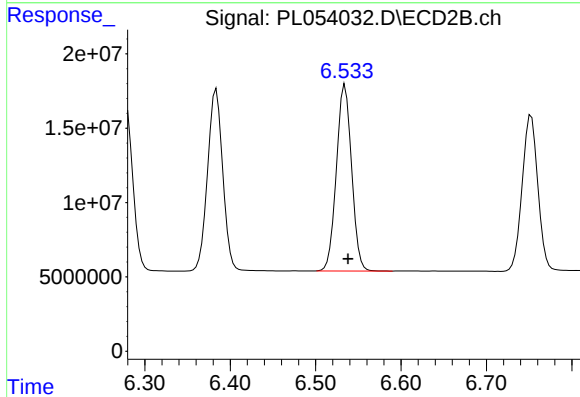
R.T.: 6.384 min
Delta R.T.: -0.003 min
Response: 151712922
Conc: 53.87 ng/ml



#13 Dieldrin

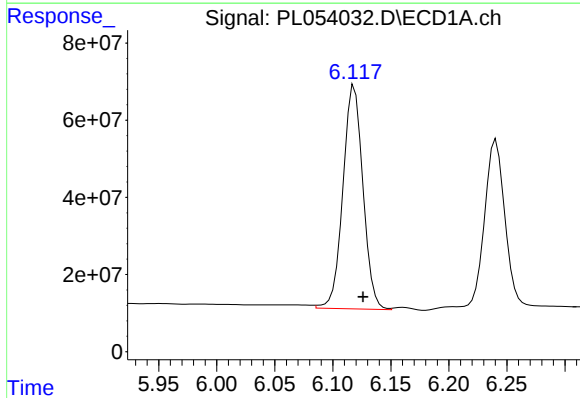
R.T.: 5.860 min
Delta R.T.: -0.007 min
Response: 742381851
Conc: 56.96 ng/ml

Instrument :
ECD_L
ClientSampleId :



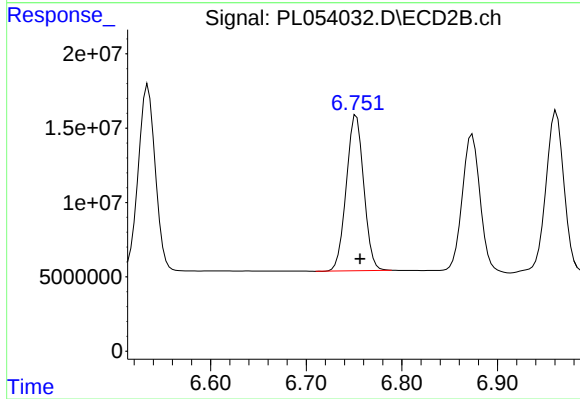
#13 Dieldrin

R.T.: 6.535 min
Delta R.T.: -0.004 min
Response: 155071409
Conc: 54.34 ng/ml



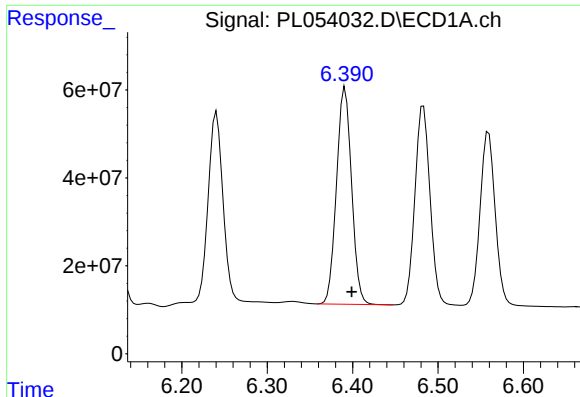
#14 Endrin

R.T.: 6.119 min
Delta R.T.: -0.007 min
Response: 695168652
Conc: 59.97 ng/ml



#14 Endrin

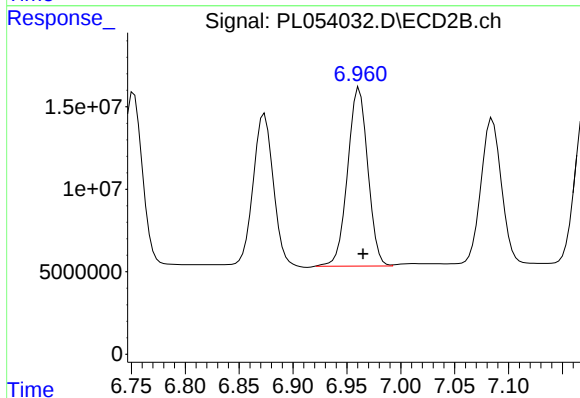
R.T.: 6.752 min
Delta R.T.: -0.004 min
Response: 133138777
Conc: 54.85 ng/ml



#15 Endosulfan II

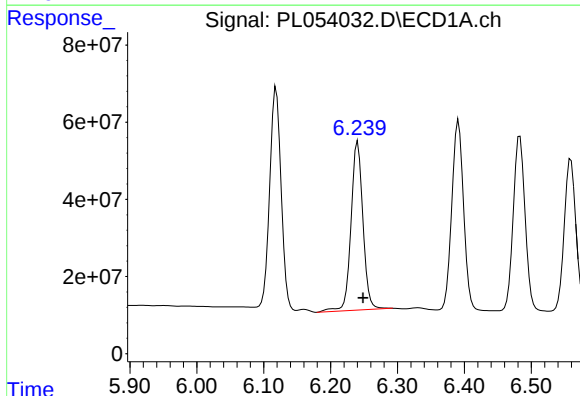
R.T.: 6.391 min
Delta R.T.: -0.008 min
Response: 605547697
Conc: 54.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



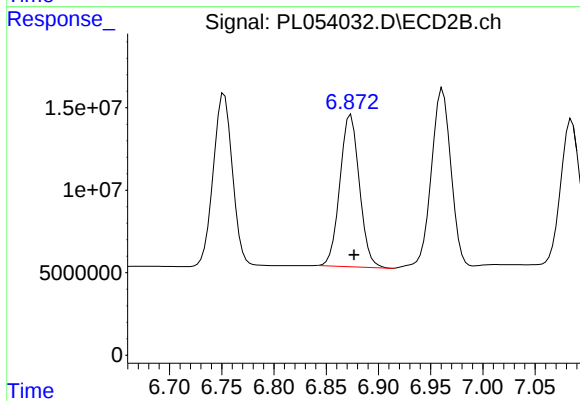
#15 Endosulfan II

R.T.: 6.961 min
Delta R.T.: -0.004 min
Response: 140975825
Conc: 55.19 ng/ml



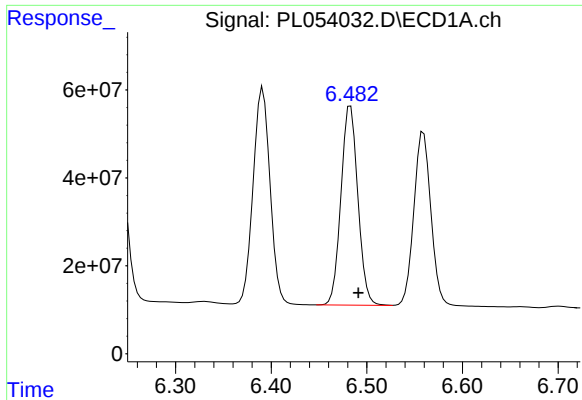
#16 4,4'-DDD

R.T.: 6.241 min
Delta R.T.: -0.008 min
Response: 542492201
Conc: 60.96 ng/ml



#16 4,4'-DDD

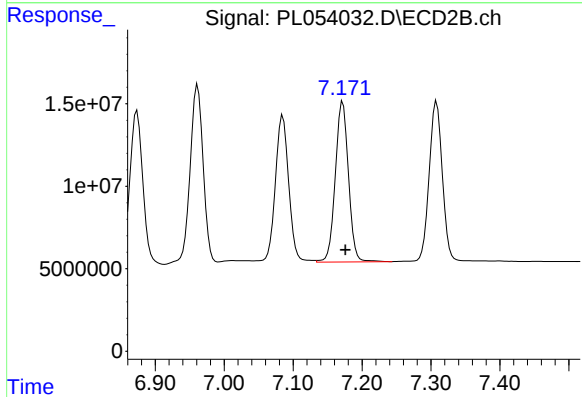
R.T.: 6.874 min
Delta R.T.: -0.003 min
Response: 119654013
Conc: 57.42 ng/ml



#17 4,4'-DDT

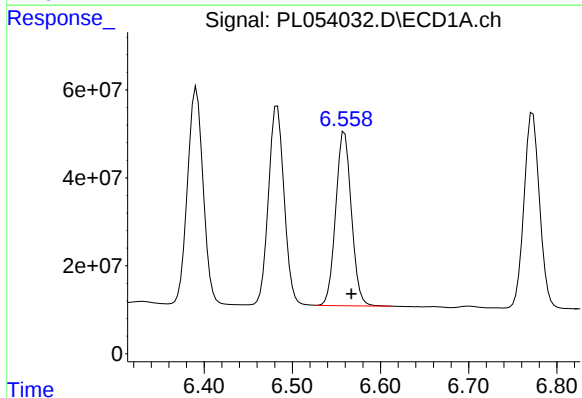
R.T.: 6.483 min
Delta R.T.: -0.008 min
Response: 558351593
Conc: 56.36 ng/ml

Instrument :
ECD_L
ClientSampleId :



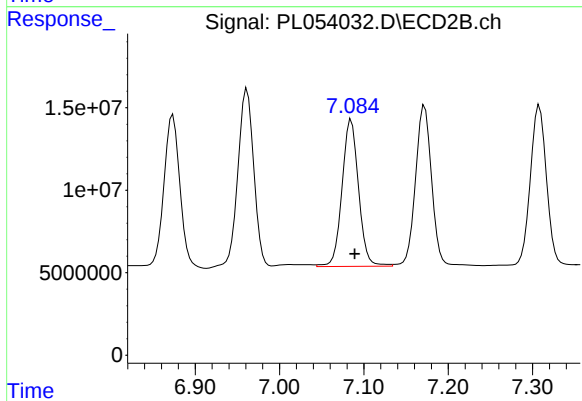
#17 4,4'-DDT

R.T.: 7.172 min
Delta R.T.: -0.004 min
Response: 129067576
Conc: 55.81 ng/ml



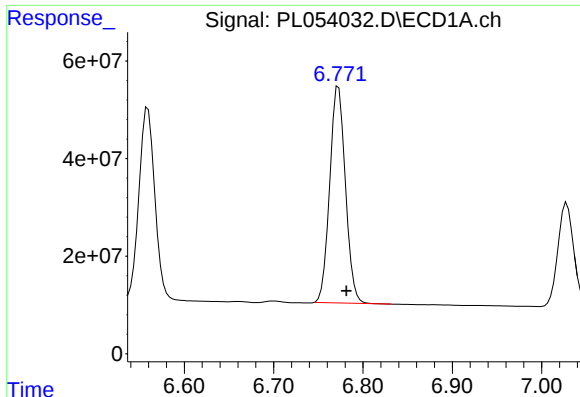
#18 Endrin aldehyde

R.T.: 6.559 min
Delta R.T.: -0.008 min
Response: 488251125
Conc: 53.25 ng/ml



#18 Endrin aldehyde

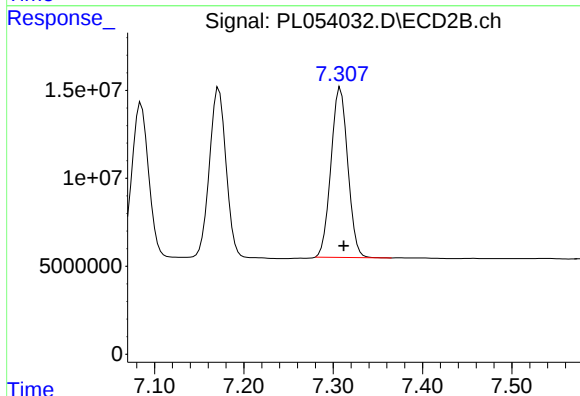
R.T.: 7.085 min
Delta R.T.: -0.004 min
Response: 121407425
Conc: 55.27 ng/ml



#19 Endosulfan Sulfate

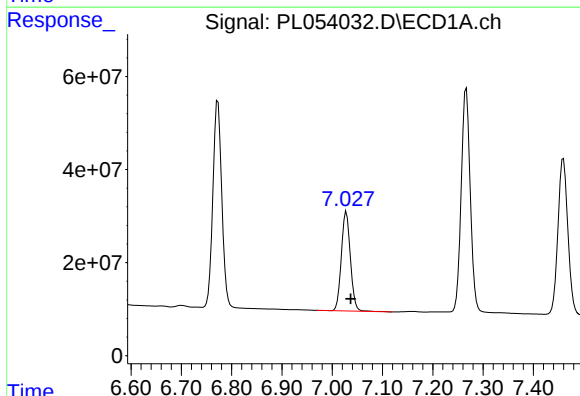
R.T.: 6.773 min
Delta R.T.: -0.009 min
Response: 542411608
Conc: 53.33 ng/ml

Instrument :
ECD_L
ClientSampleId :



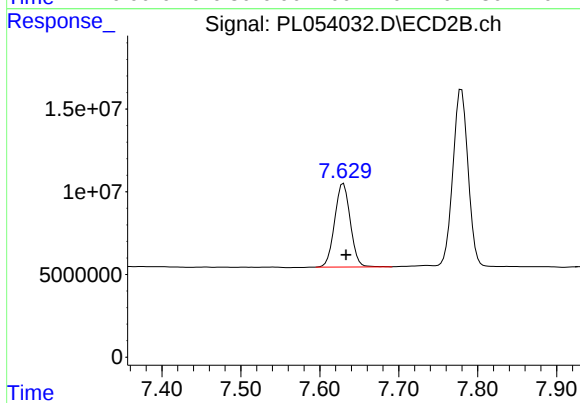
#19 Endosulfan Sulfate

R.T.: 7.308 min
Delta R.T.: -0.003 min
Response: 126260488
Conc: 51.46 ng/ml



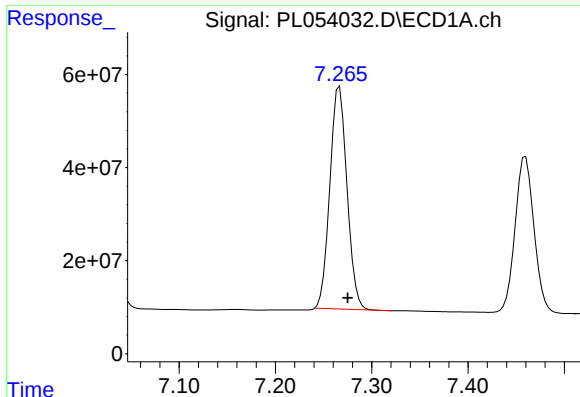
#20 Methoxychlor

R.T.: 7.028 min
Delta R.T.: -0.009 min
Response: 266926549
Conc: 54.14 ng/ml



#20 Methoxychlor

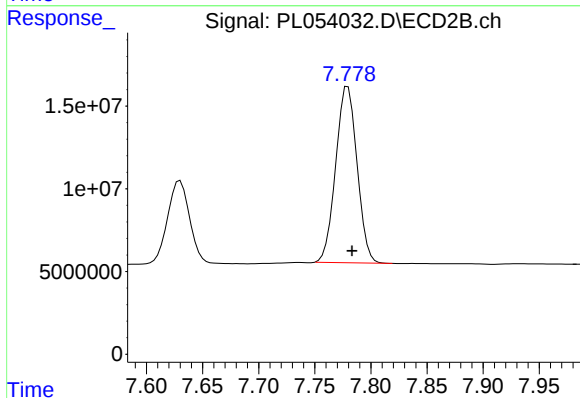
R.T.: 7.630 min
Delta R.T.: -0.003 min
Response: 69218135
Conc: 53.29 ng/ml



#21 Endrin ketone

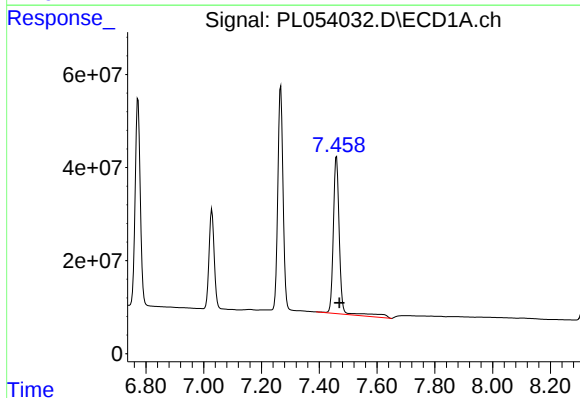
R.T.: 7.267 min
Delta R.T.: -0.009 min
Response: 592637652
Conc: 55.05 ng/ml

Instrument :
ECD_L
ClientSampleId :



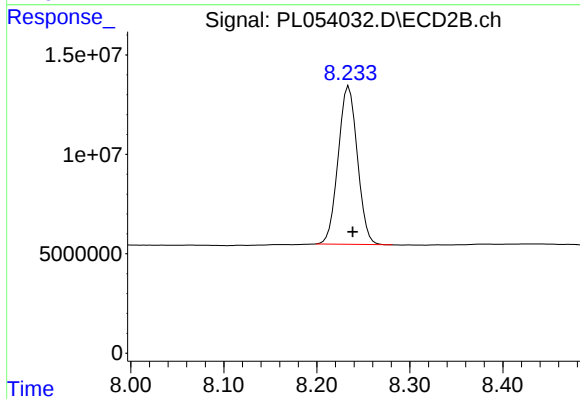
#21 Endrin ketone

R.T.: 7.780 min
Delta R.T.: -0.004 min
Response: 140936299
Conc: 54.66 ng/ml



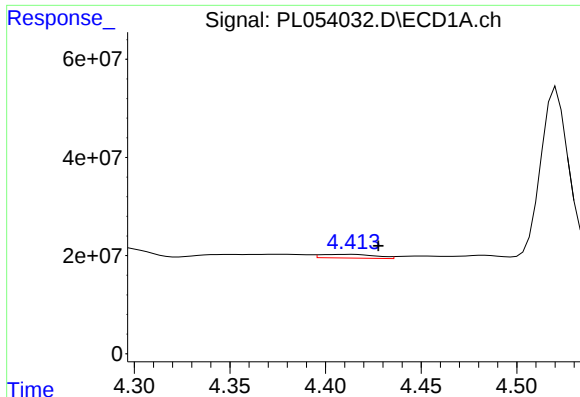
#22 Mirex

R.T.: 7.460 min
Delta R.T.: -0.009 min
Response: 511378414
Conc: 59.79 ng/ml



#22 Mirex

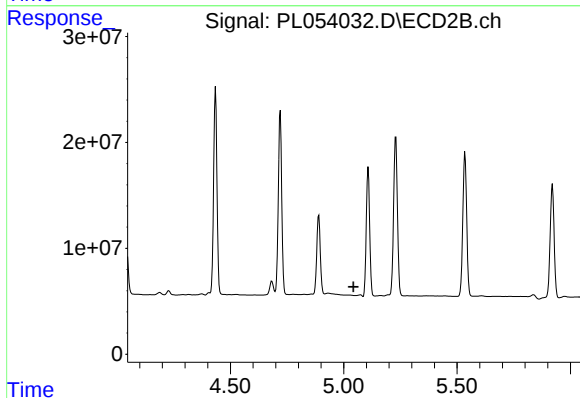
R.T.: 8.235 min
Delta R.T.: -0.004 min
Response: 114011286
Conc: 56.36 ng/ml



#23 Chlordane-1

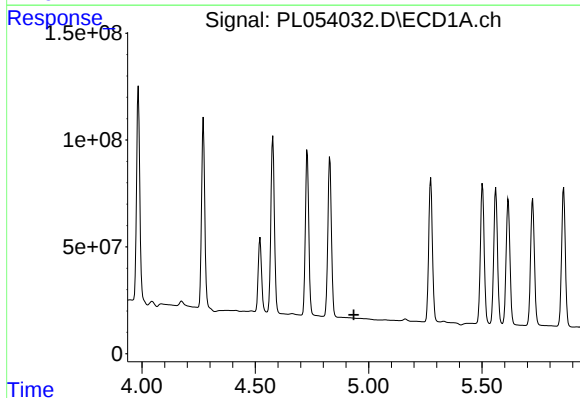
R.T.: 4.414 min
Delta R.T.: -0.013 min
Response: 15144253
Conc: 42.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



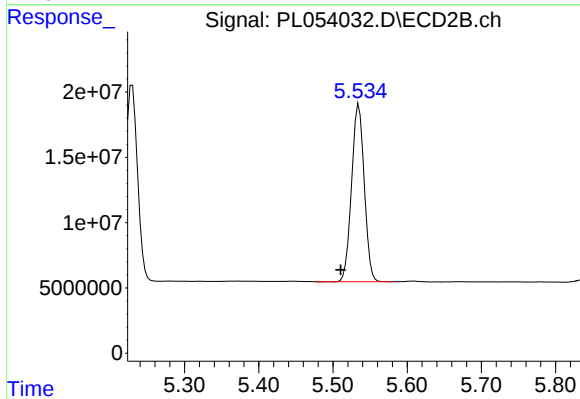
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.043 min
Response: 0
Conc: N.D.



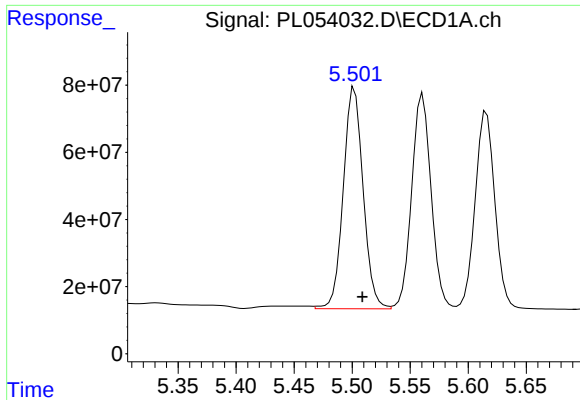
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.934 min
Response: 0
Conc: N.D.



#24 Chlordane-2

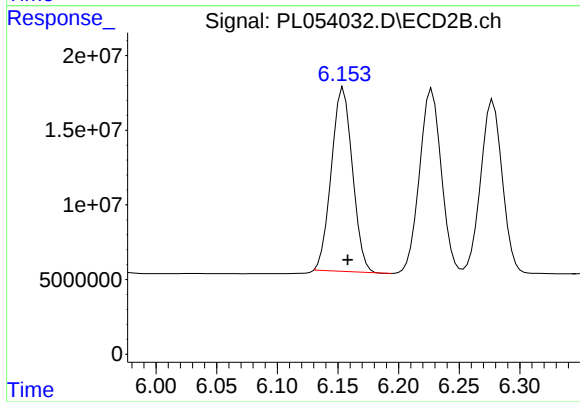
R.T.: 5.535 min
Delta R.T.: 0.024 min
Response: 160837623
Conc: 1637.50 ng/ml



#25 Chlordane-3

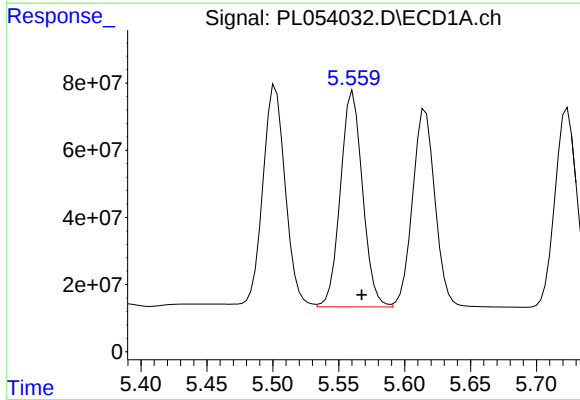
R.T.: 5.502 min
Delta R.T.: -0.007 min
Response: 784411057
Conc: 680.51 ng/ml

Instrument :
ECD_L
ClientSampleId :



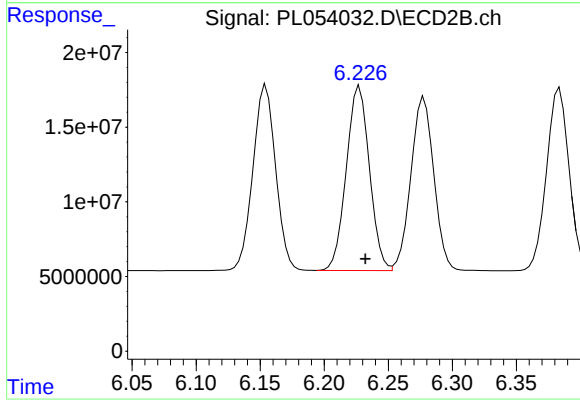
#25 Chlordane-3

R.T.: 6.155 min
Delta R.T.: -0.004 min
Response: 148474207
Conc: 406.52 ng/ml



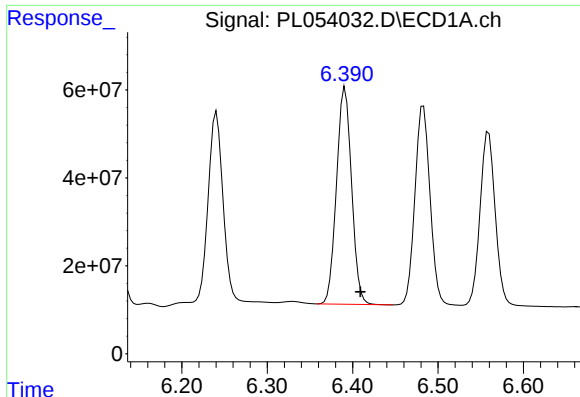
#26 Chlordane-4

R.T.: 5.561 min
Delta R.T.: -0.007 min
Response: 750090875
Conc: 800.14 ng/ml



#26 Chlordane-4

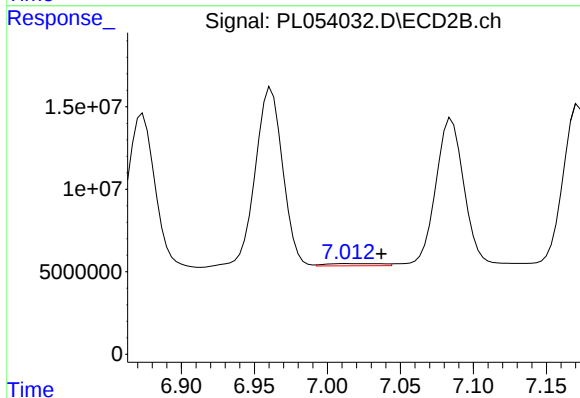
R.T.: 6.228 min
Delta R.T.: -0.004 min
Response: 155129450
Conc: 345.55 ng/ml



#27 Chlordane-5

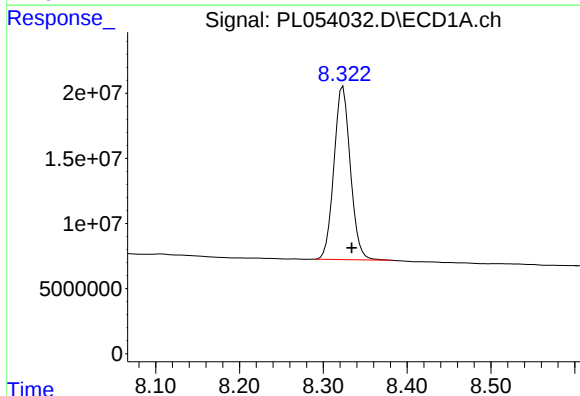
R.T.: 6.391 min
Delta R.T.: -0.018 min
Response: 605547697
Conc: 1656.56 ng/ml

Instrument :
ECD_L
ClientSampleId :



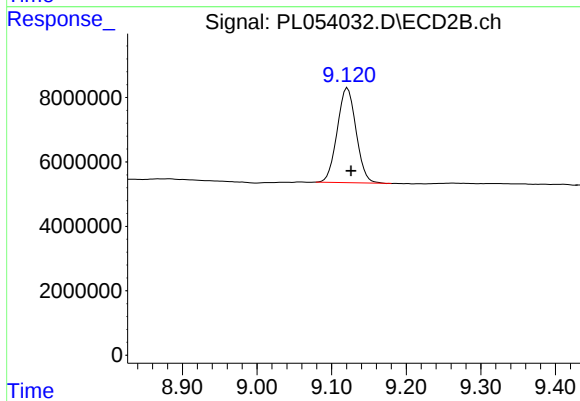
#27 Chlordane-5

R.T.: 7.013 min
Delta R.T.: -0.024 min
Response: 3559639
Conc: 46.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.324 min
Delta R.T.: -0.010 min
Response: 180674535
Conc: 18.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.121 min
Delta R.T.: -0.005 min
Response: 51644681
Conc: 18.34 ng/ml