

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062719\
 Data File : PL049975.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jun 2019 01:37
 Operator : SM\AJ
 Sample : K3552-07MSD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 M-4MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 05:37:34 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...	3.322	3.933	205.8E6	57948069	18.253	18.926
28)	SA Decachlor...	7.985	8.965	138.1E6	41768821	10.865	12.442
Target Compounds							
2)	A alpha-BHC	3.750	4.321	866.7E6	210.4E6	46.132	47.003
3)	MA gamma-BHC...	4.025	4.605	792.2E6	191.7E6	44.679	46.225
4)	MA Heptachlor	4.309	5.107	784.7E6	187.1E6	43.167	43.219
5)	MB Aldrin	4.547	5.409	804.9E6	185.7E6	46.613	47.416
6)	B beta-BHC	4.279	4.780	336.4E6	89882156	45.983	46.402
7)	B delta-BHC	4.473	4.994	579.4E6	124.2E6	32.396	31.538
8)	B Heptachlo...	4.984	5.796	740.0E6	170.9E6	45.968	47.000
9)	A Endosulfan I	5.314	6.150	594.0E6	133.2E6	38.390	39.202
10)	B gamma-Chl...	5.206	6.029	772.5E6	172.1E6	45.202	46.183
11)	B alpha-Chl...	5.263	6.101	736.2E6	166.2E6	44.353	44.927
12)	B 4,4'-DDE	5.430	6.261	757.5E6	164.4E6	45.470	47.382
13)	MA Dieldrin	5.553	6.407	725.1E6	154.9E6	43.529	43.656
14)	MA Endrin	5.806	6.624	510.5E6	98248636	31.876	31.119
15)	B Endosulfa...	6.081	6.836	524.4E6	113.4E6	35.990	35.214
16)	A 4,4'-DDD	5.941	6.752	535.4E6	109.3E6	42.411	41.814
17)	MA 4,4'-DDT	6.174	7.048	479.8E6	100.8E6	36.138	34.415
18)	B Endrin al...	6.248	6.960	372.6E6	87916670	31.544	32.012
19)	B Endosulfa...	6.459	7.182	395.1E6	107.6E6	30.470	35.744
20)	A Methoxychlor	6.719	7.509	195.3E6	52776056	29.960	31.664
21)	B Endrin ke...	6.940	7.651	494.4E6	118.9E6	35.175	38.142
22)	Mirex	7.114	8.100	388.4E6	101.4E6	37.574	40.081
24)	Chlordane-2	0.000	5.409f	0	185.7E6	N.D.	1195.650 #
25)	Chlordane-3	5.206	6.029	772.5E6	172.1E6	411.269	345.842
26)	Chlordane-4	5.263	6.101	736.2E6	166.2E6	421.863	279.570 #
27)	Chlordane-5	6.081	0.000	524.4E6	0	934.445	N.D. #

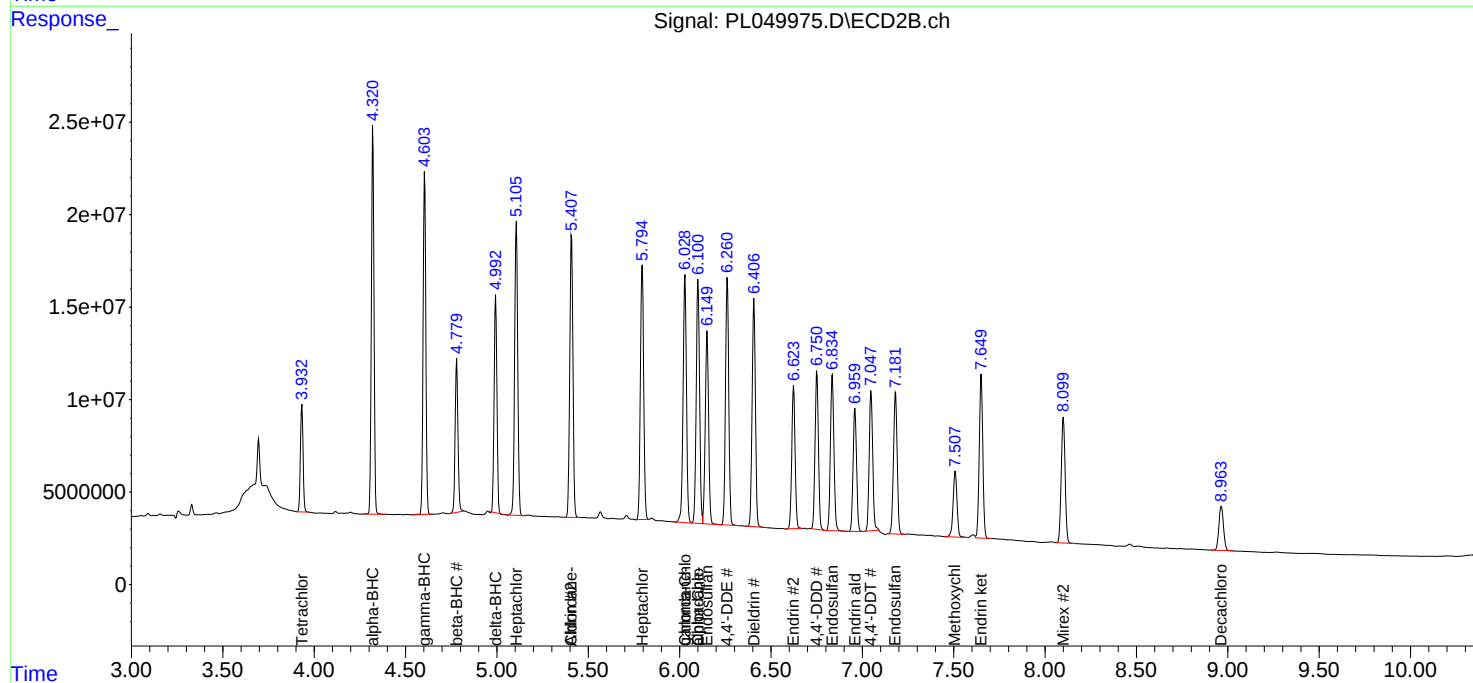
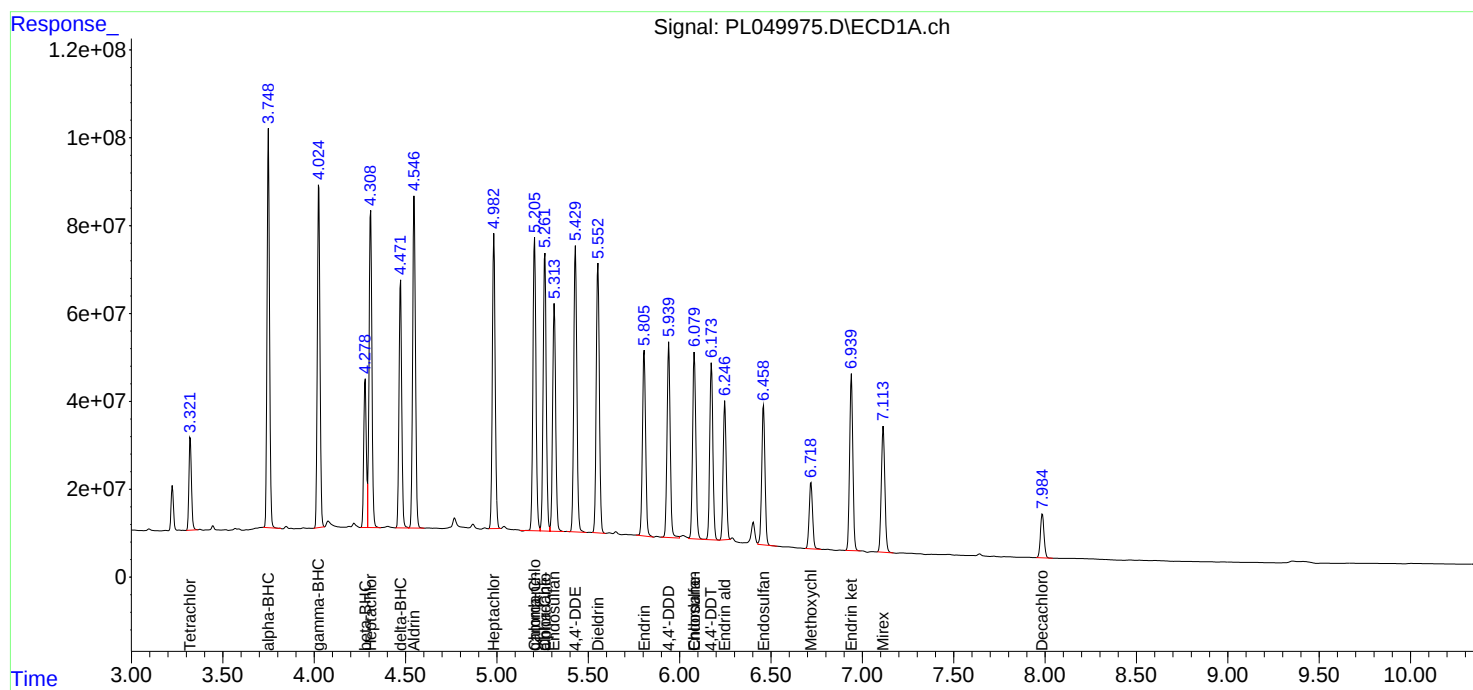
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

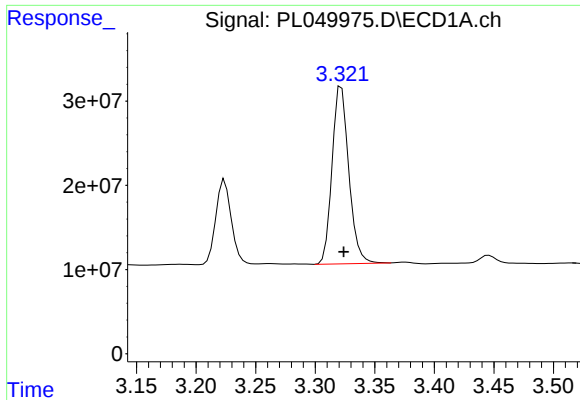
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062719\
Data File : PL049975.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jun 2019 01:37
Operator : SM\AJ
Sample : K3552-07MSD
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
M-4MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 28 05:37:34 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062019.M
Quant Title : GC Extractables
QLast Update : Fri Jun 21 02:23:20 2019
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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

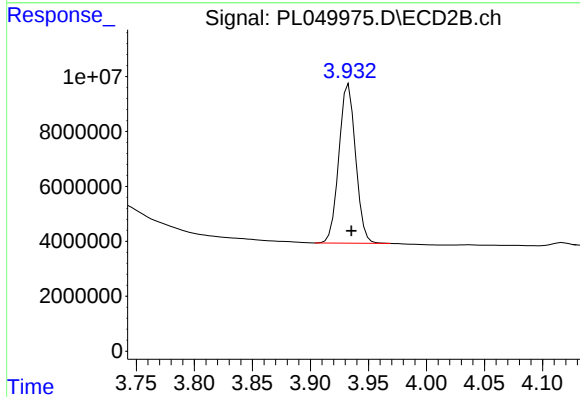




#1 Tetrachloro-m-xylene

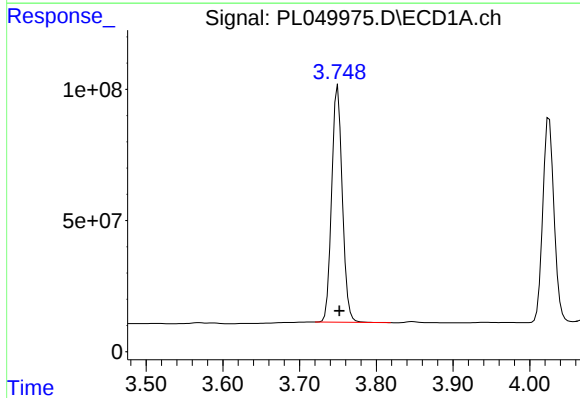
R.T.: 3.322 min
Delta R.T.: -0.002 min
Response: 205849842
Conc: 18.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
M-4MSD



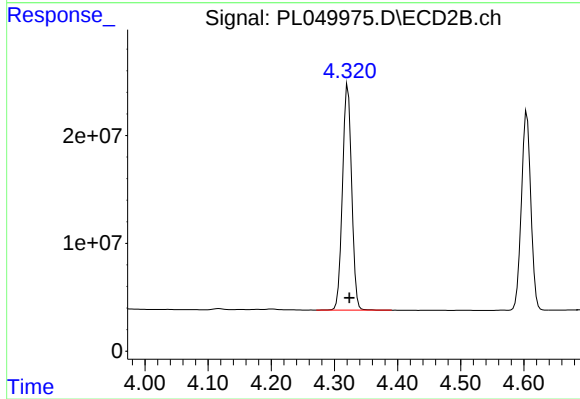
#1 Tetrachloro-m-xylene

R.T.: 3.933 min
Delta R.T.: -0.002 min
Response: 57948069
Conc: 18.93 ng/ml



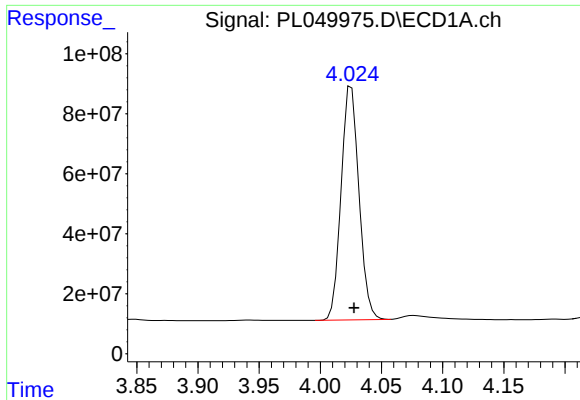
#2 alpha-BHC

R.T.: 3.750 min
Delta R.T.: -0.002 min
Response: 866700369
Conc: 46.13 ng/ml



#2 alpha-BHC

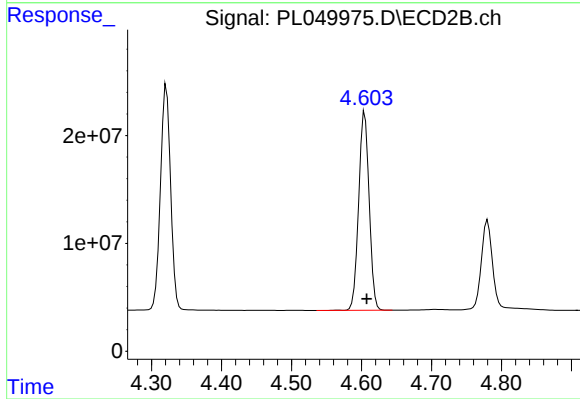
R.T.: 4.321 min
Delta R.T.: -0.003 min
Response: 210414287
Conc: 47.00 ng/ml



#3 gamma-BHC (Lindane)

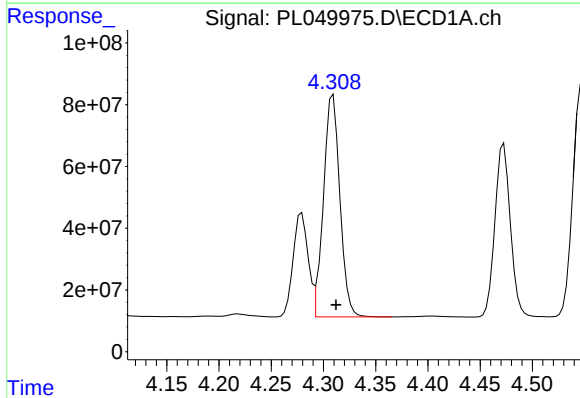
R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 792175770
Conc: 44.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
M-4MSD



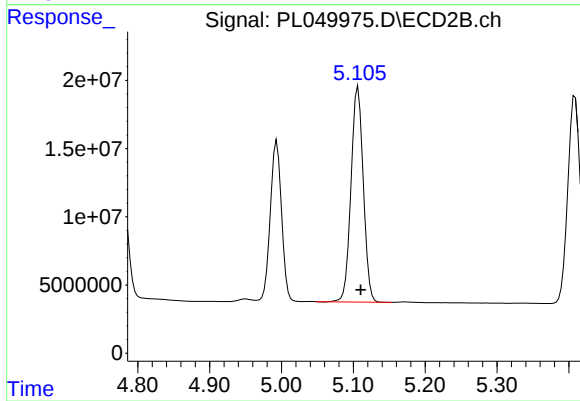
#3 gamma-BHC (Lindane)

R.T.: 4.605 min
Delta R.T.: -0.003 min
Response: 191734541
Conc: 46.23 ng/ml



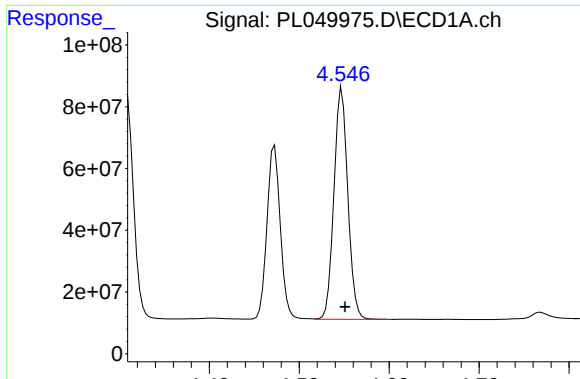
#4 Heptachlor

R.T.: 4.309 min
Delta R.T.: -0.003 min
Response: 784658546
Conc: 43.17 ng/ml



#4 Heptachlor

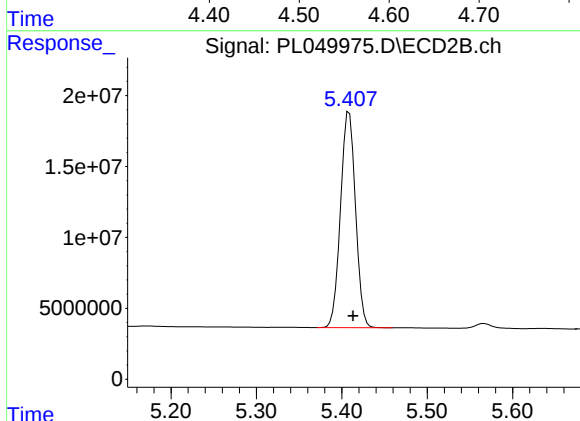
R.T.: 5.107 min
Delta R.T.: -0.004 min
Response: 187071452
Conc: 43.22 ng/ml



#5 Aldrin

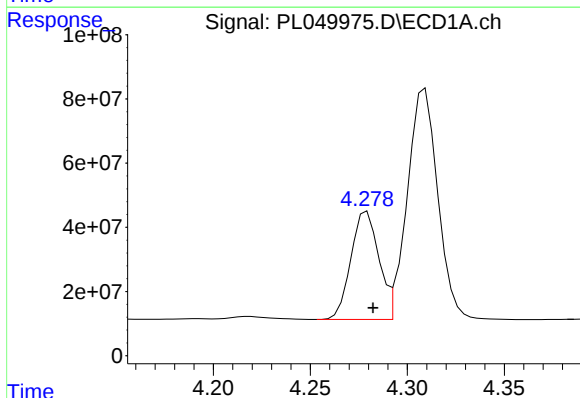
R.T.: 4.547 min
Delta R.T.: -0.003 min
Response: 804917416
Conc: 46.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
M-4MSD



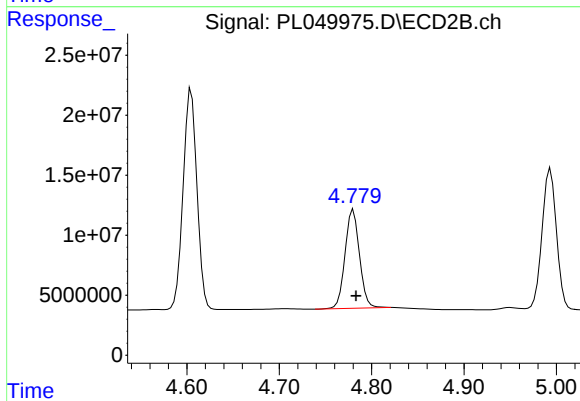
#5 Aldrin

R.T.: 5.409 min
Delta R.T.: -0.004 min
Response: 185732616
Conc: 47.42 ng/ml



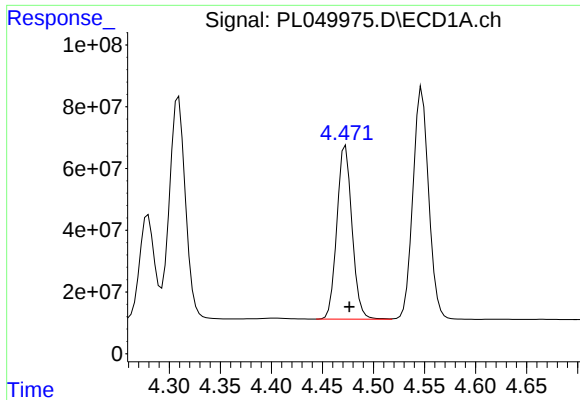
#6 beta-BHC

R.T.: 4.279 min
Delta R.T.: -0.003 min
Response: 336353233
Conc: 45.98 ng/ml



#6 beta-BHC

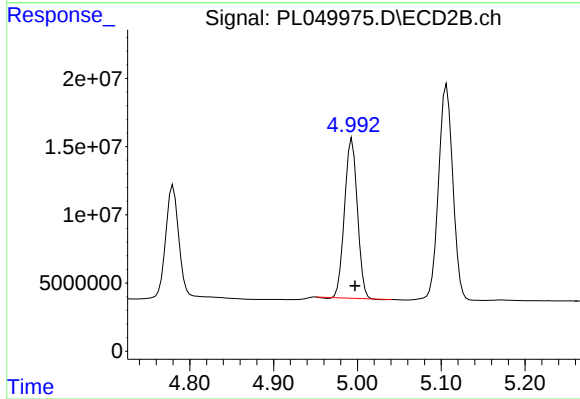
R.T.: 4.780 min
Delta R.T.: -0.003 min
Response: 89882156
Conc: 46.40 ng/ml



#7 delta-BHC

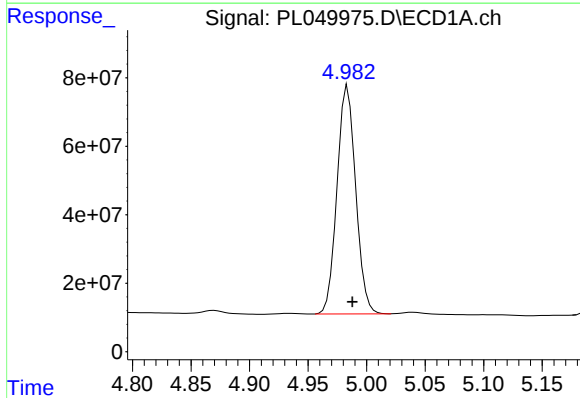
R.T.: 4.473 min
Delta R.T.: -0.004 min
Response: 579356509
Conc: 32.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
M-4MSD



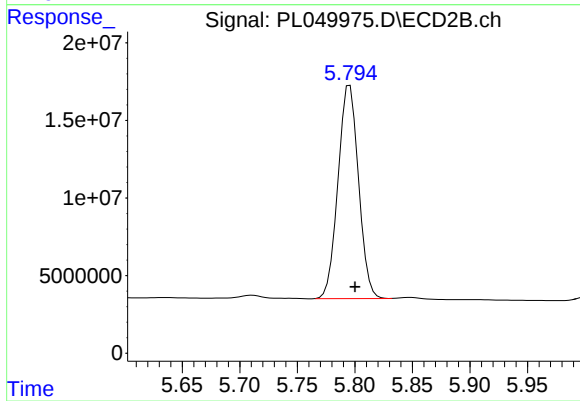
#7 delta-BHC

R.T.: 4.994 min
Delta R.T.: -0.003 min
Response: 124222934
Conc: 31.54 ng/ml



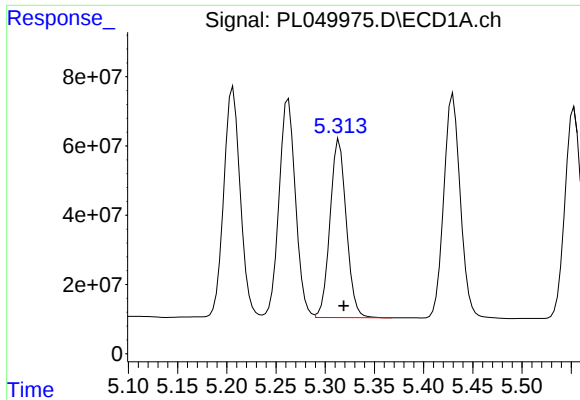
#8 Heptachlor epoxide

R.T.: 4.984 min
Delta R.T.: -0.004 min
Response: 739959425
Conc: 45.97 ng/ml



#8 Heptachlor epoxide

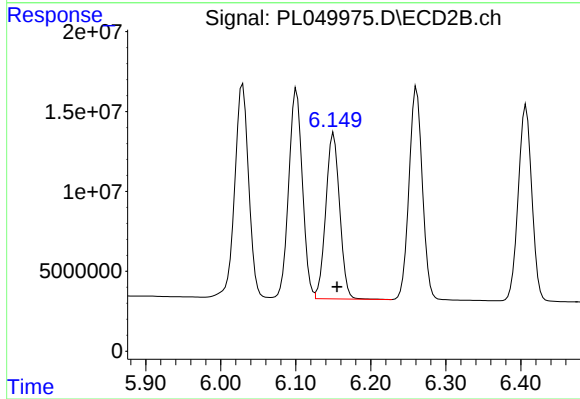
R.T.: 5.796 min
Delta R.T.: -0.005 min
Response: 170880254
Conc: 47.00 ng/ml



#9 Endosulfan I

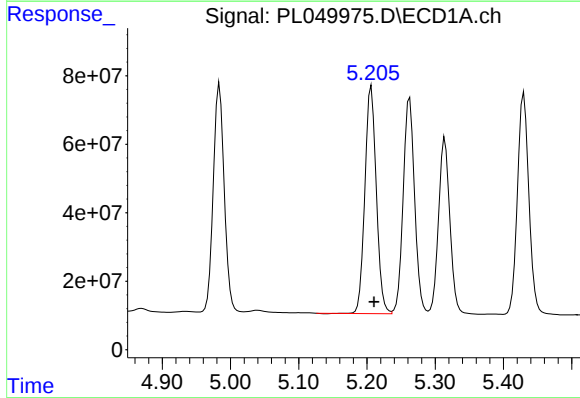
R.T.: 5.314 min
Delta R.T.: -0.004 min
Response: 593987675
Conc: 38.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
M-4MSD



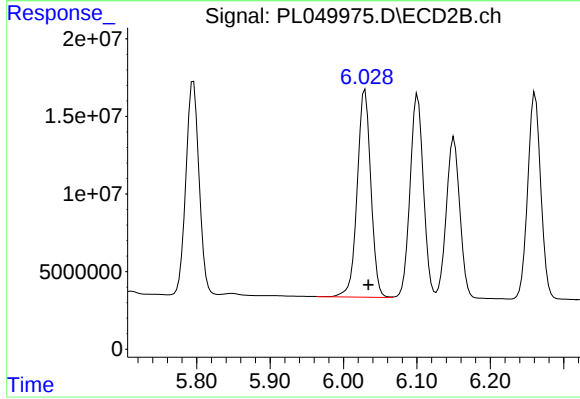
#9 Endosulfan I

R.T.: 6.150 min
Delta R.T.: -0.005 min
Response: 133184929
Conc: 39.20 ng/ml



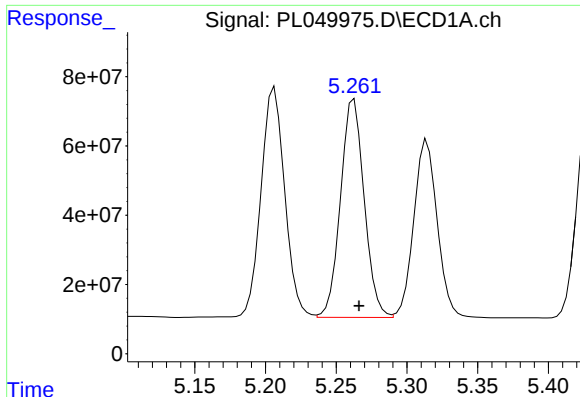
#10 gamma-Chlordane

R.T.: 5.206 min
Delta R.T.: -0.004 min
Response: 772451352
Conc: 45.20 ng/ml



#10 gamma-Chlordane

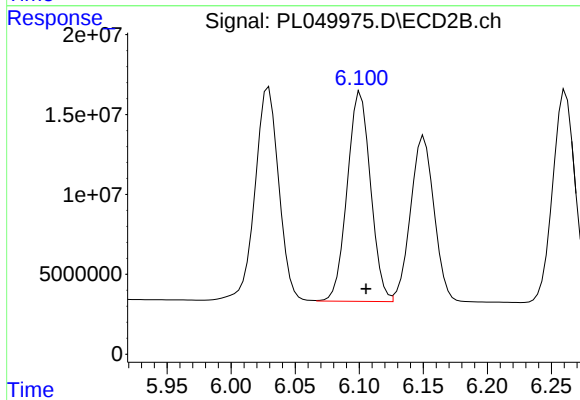
R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 172099895
Conc: 46.18 ng/ml



#11 alpha-Chlordane

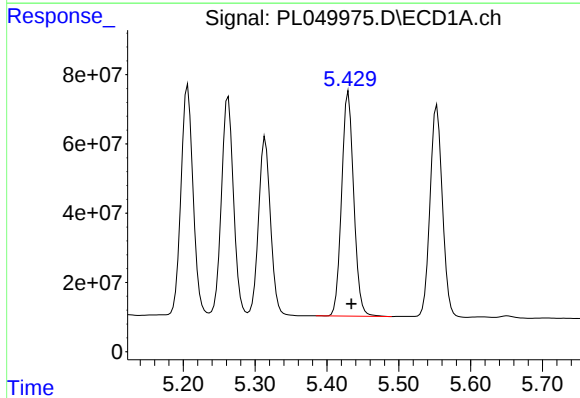
R.T.: 5.263 min
Delta R.T.: -0.004 min
Response: 736210276
Conc: 44.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
M-4MSD



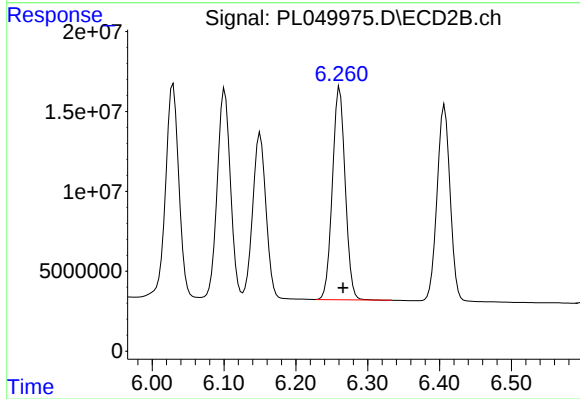
#11 alpha-Chlordane

R.T.: 6.101 min
Delta R.T.: -0.004 min
Response: 166160456
Conc: 44.93 ng/ml



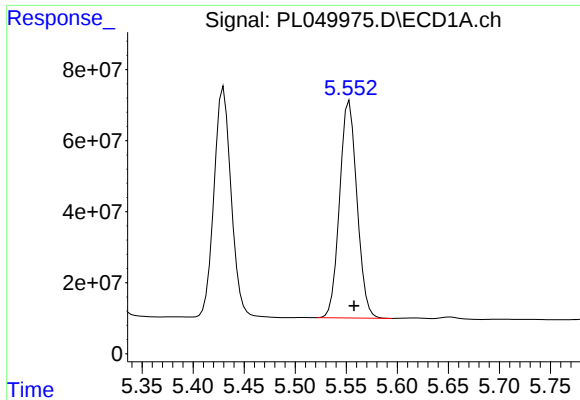
#12 4,4'-DDE

R.T.: 5.430 min
Delta R.T.: -0.004 min
Response: 757487281
Conc: 45.47 ng/ml



#12 4,4'-DDE

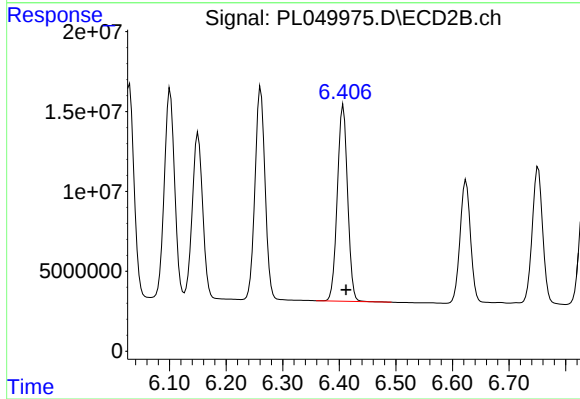
R.T.: 6.261 min
Delta R.T.: -0.005 min
Response: 164420757
Conc: 47.38 ng/ml



#13 Dieldrin

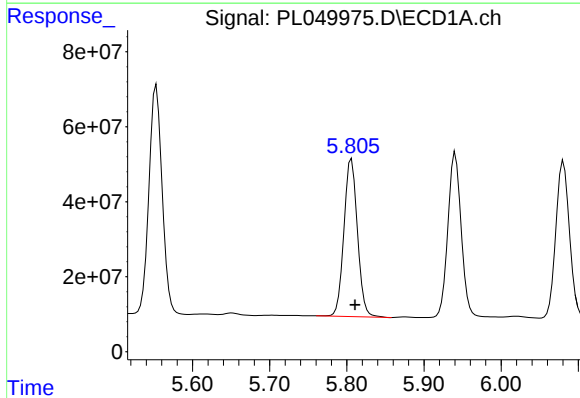
R.T.: 5.553 min
Delta R.T.: -0.004 min
Response: 725090824
Conc: 43.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
M-4MSD



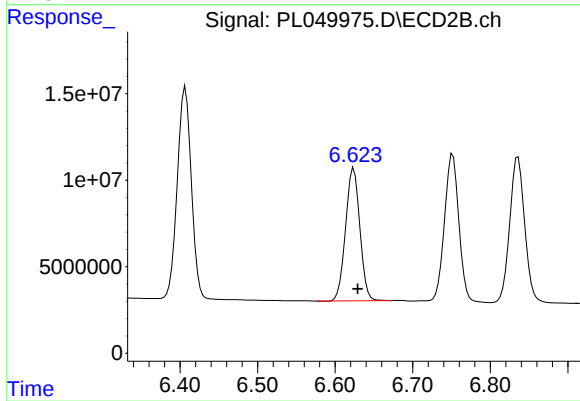
#13 Dieldrin

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 154872702
Conc: 43.66 ng/ml



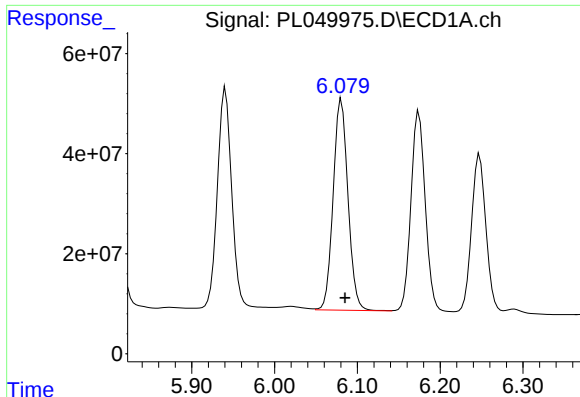
#14 Endrin

R.T.: 5.806 min
Delta R.T.: -0.004 min
Response: 510484817
Conc: 31.88 ng/ml



#14 Endrin

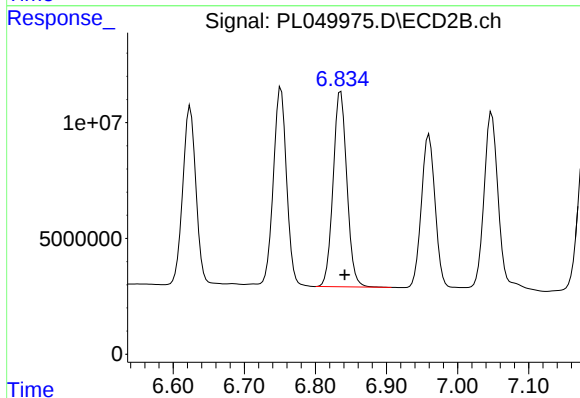
R.T.: 6.624 min
Delta R.T.: -0.005 min
Response: 98248636
Conc: 31.12 ng/ml



#15 Endosulfan II

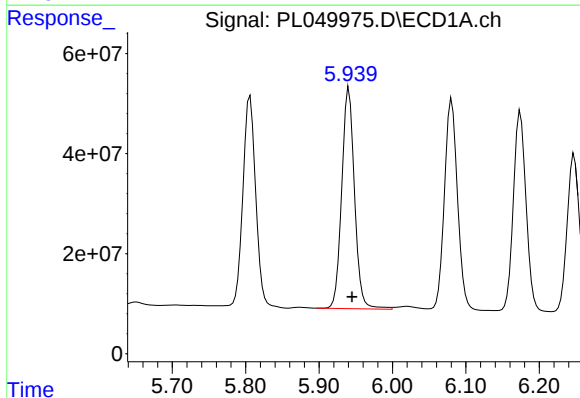
R.T.: 6.081 min
Delta R.T.: -0.004 min
Response: 524417300
Conc: 35.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
M-4MSD



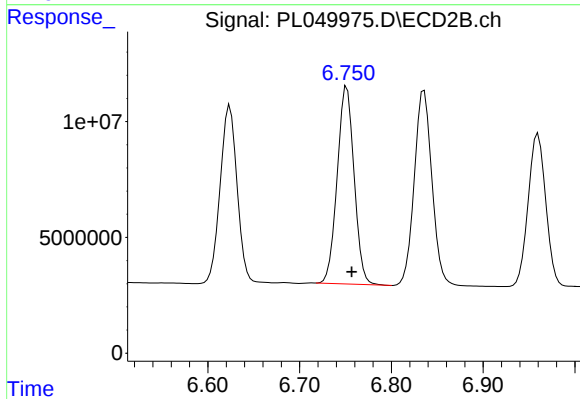
#15 Endosulfan II

R.T.: 6.836 min
Delta R.T.: -0.005 min
Response: 113420117
Conc: 35.21 ng/ml



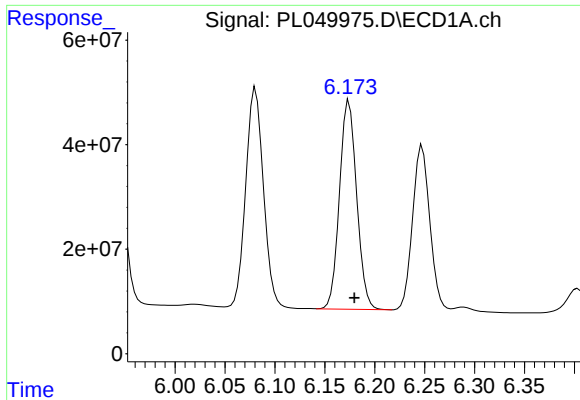
#16 4,4'-DDD

R.T.: 5.941 min
Delta R.T.: -0.004 min
Response: 535392803
Conc: 42.41 ng/ml



#16 4,4'-DDD

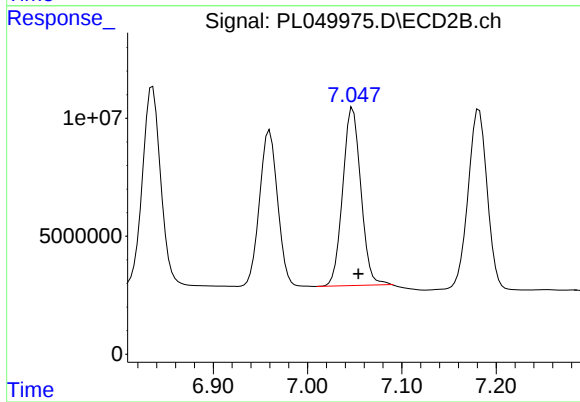
R.T.: 6.752 min
Delta R.T.: -0.005 min
Response: 109313035
Conc: 41.81 ng/ml



#17 4,4'-DDT

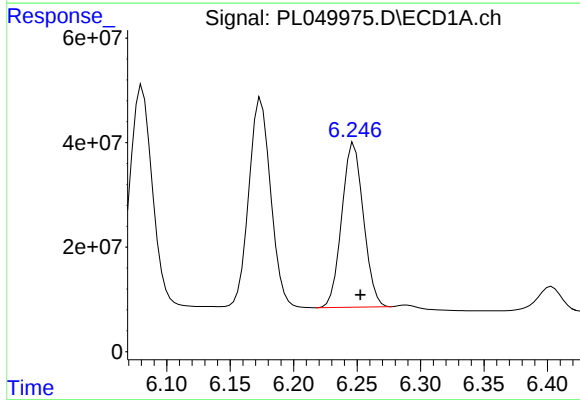
R.T.: 6.174 min
Delta R.T.: -0.005 min
Response: 479760915
Conc: 36.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
M-4MSD



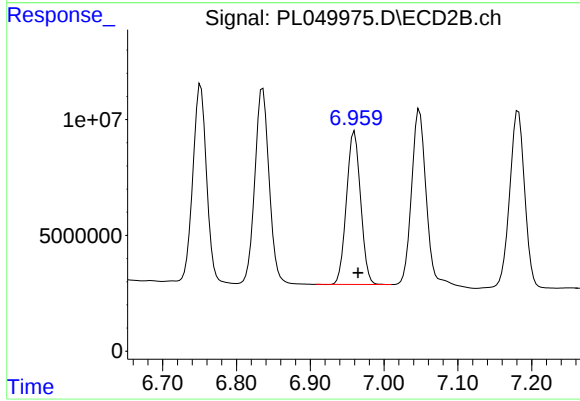
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: -0.006 min
Response: 100795152
Conc: 34.42 ng/ml



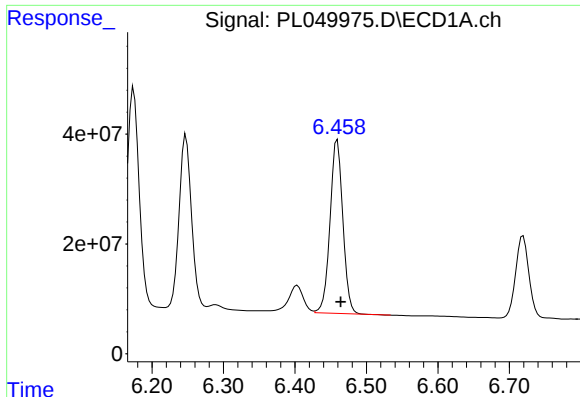
#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.005 min
Response: 372583281
Conc: 31.54 ng/ml



#18 Endrin aldehyde

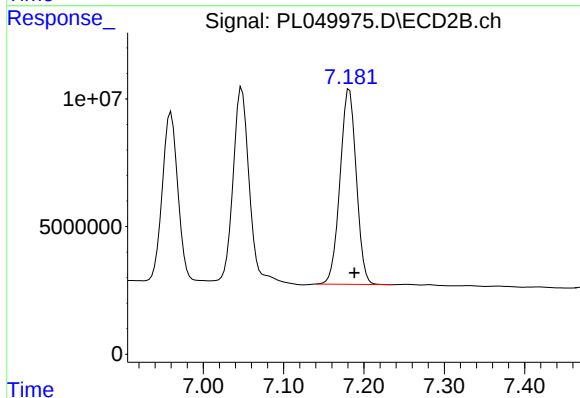
R.T.: 6.960 min
Delta R.T.: -0.005 min
Response: 87916670
Conc: 32.01 ng/ml



#19 Endosulfan Sulfate

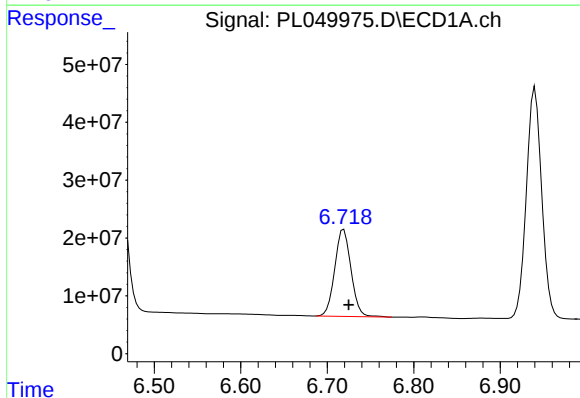
R.T.: 6.459 min
Delta R.T.: -0.005 min
Response: 395058473
Conc: 30.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
M-4MSD



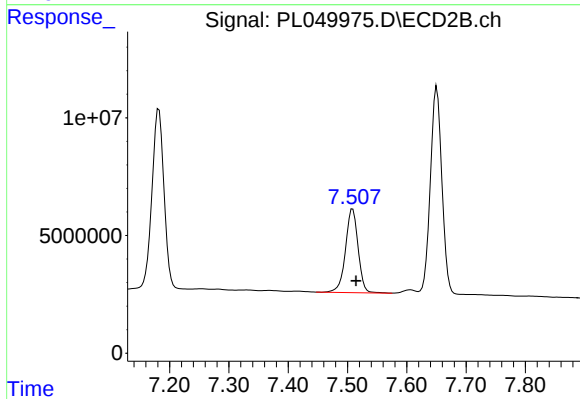
#19 Endosulfan Sulfate

R.T.: 7.182 min
Delta R.T.: -0.006 min
Response: 107575700
Conc: 35.74 ng/ml



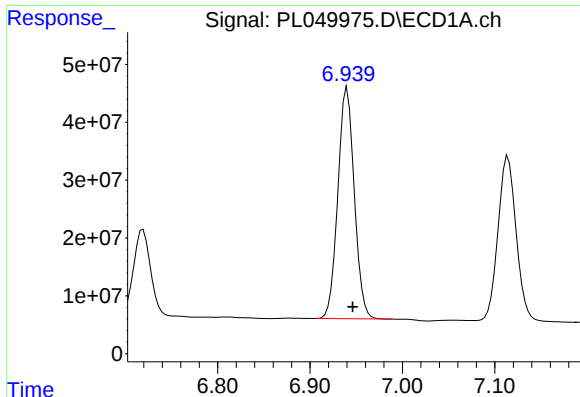
#20 Methoxychlor

R.T.: 6.719 min
Delta R.T.: -0.006 min
Response: 195289542
Conc: 29.96 ng/ml



#20 Methoxychlor

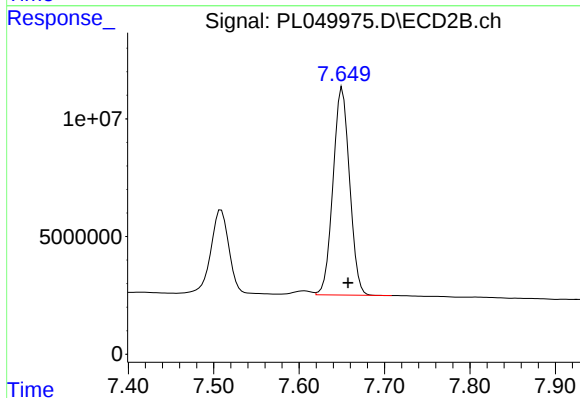
R.T.: 7.509 min
Delta R.T.: -0.006 min
Response: 52776056
Conc: 31.66 ng/ml



#21 Endrin ketone

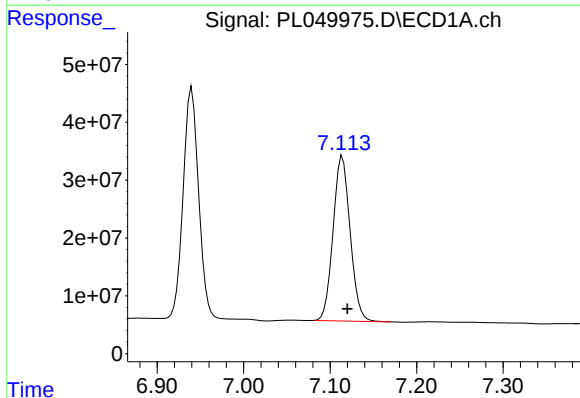
R.T.: 6.940 min
Delta R.T.: -0.006 min
Response: 494395937
Conc: 35.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
M-4MSD



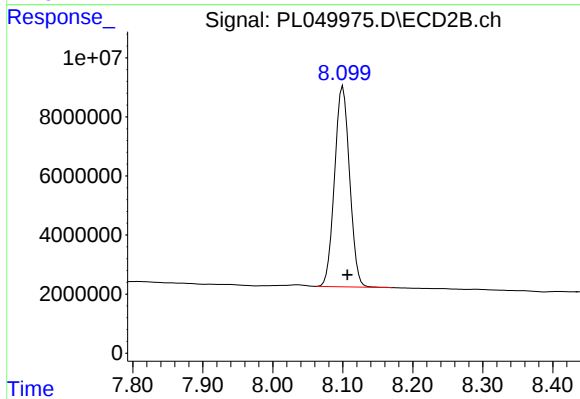
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: -0.007 min
Response: 118857535
Conc: 38.14 ng/ml



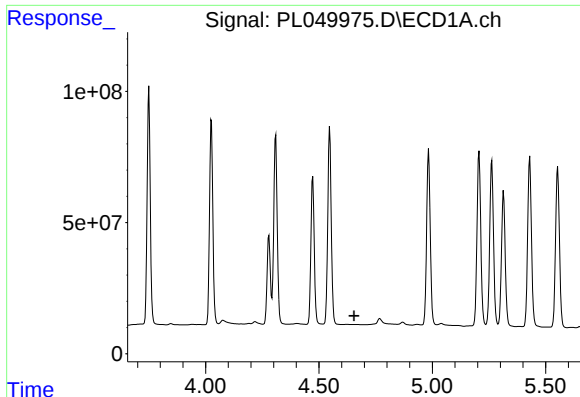
#22 Mirex

R.T.: 7.114 min
Delta R.T.: -0.006 min
Response: 388394163
Conc: 37.57 ng/ml



#22 Mirex

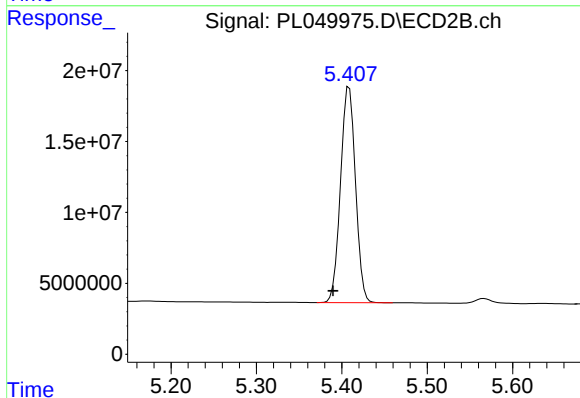
R.T.: 8.100 min
Delta R.T.: -0.006 min
Response: 101351038
Conc: 40.08 ng/ml



#24 Chlordane-2

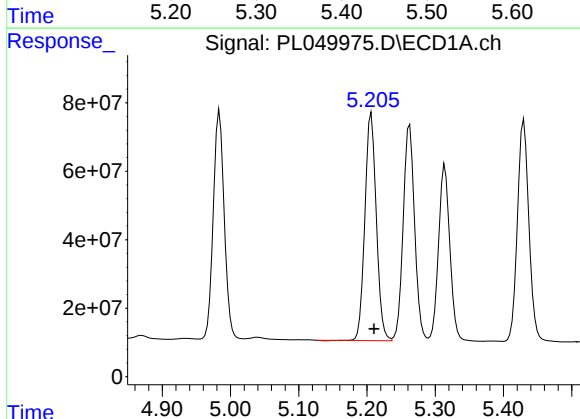
R.T.: 0.000 min
Exp R.T.: 4.655 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
M-4MSD



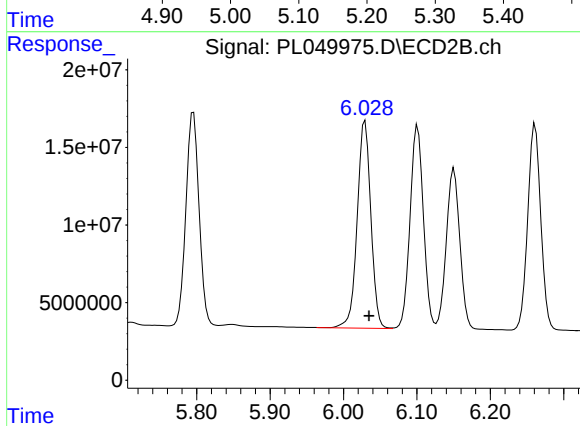
#24 Chlordane-2

R.T.: 5.409 min
Delta R.T.: 0.019 min
Response: 185732616
Conc: 1195.65 ng/ml



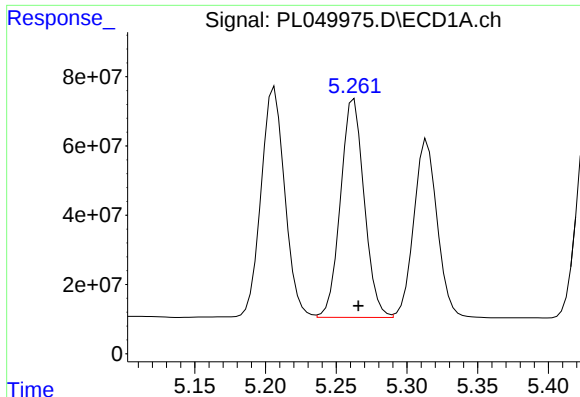
#25 Chlordane-3

R.T.: 5.206 min
Delta R.T.: -0.004 min
Response: 772451352
Conc: 411.27 ng/ml



#25 Chlordane-3

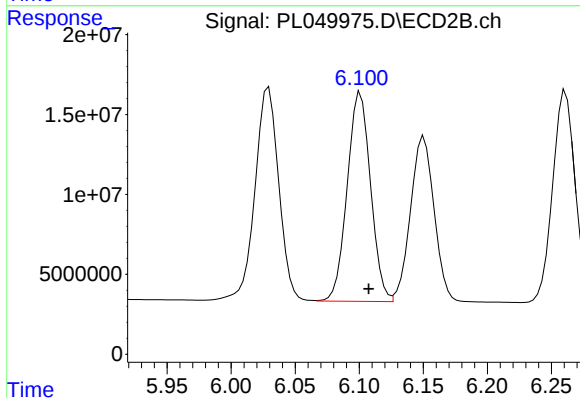
R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 172099895
Conc: 345.84 ng/ml



#26 Chlordane-4

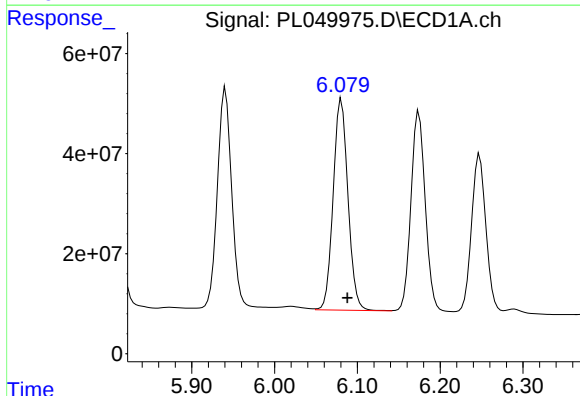
R.T.: 5.263 min
Delta R.T.: -0.003 min
Response: 736210276
Conc: 421.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
M-4MSD



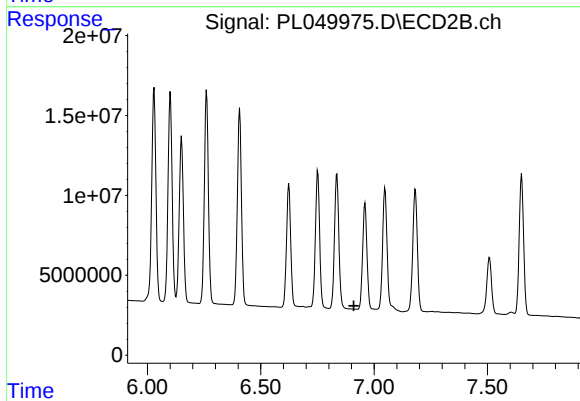
#26 Chlordane-4

R.T.: 6.101 min
Delta R.T.: -0.006 min
Response: 166160456
Conc: 279.57 ng/ml



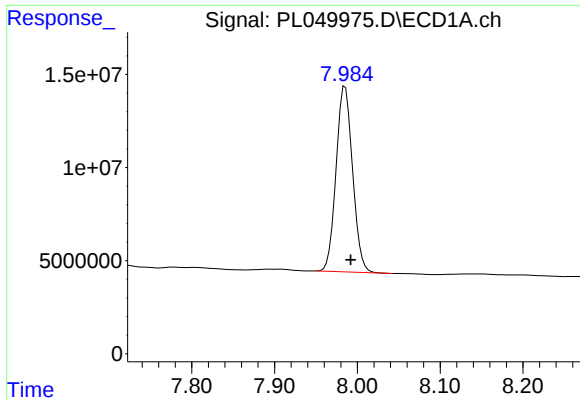
#27 Chlordane-5

R.T.: 6.081 min
Delta R.T.: -0.007 min
Response: 524417300
Conc: 934.44 ng/ml



#27 Chlordane-5

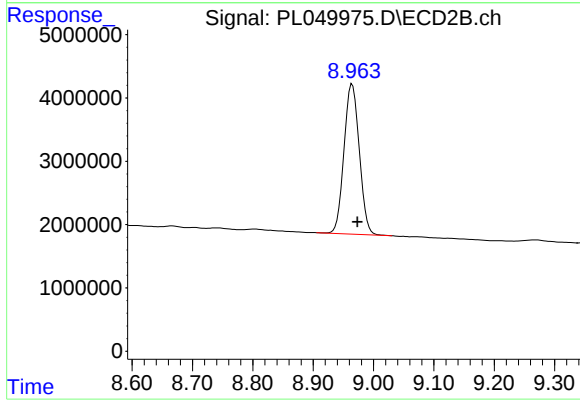
R.T.: 0.000 min
Exp R.T.: 6.910 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.985 min
Delta R.T.: -0.007 min
Response: 138060345
Conc: 10.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
M-4MSD



#28 Decachlorobiphenyl

R.T.: 8.965 min
Delta R.T.: -0.008 min
Response: 41768821
Conc: 12.44 ng/ml