

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041621\
 Data File : PL066241.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Apr 2021 16:55
 Operator : AR\AJ
 Sample : M2050-05MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 16 23:08:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041421.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 14 15:37:20 2021
 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...	3.445	4.154	50642925	84202820	19.897	20.933
28)	SA Decachlor...	8.171	9.355	45746366	87944241	19.179	26.928 #
Target Compounds							
2)	A alpha-BHC	3.880	4.559	203.3E6	310.1E6	49.411	53.407
3)	MA gamma-BHC...	4.160	4.853	198.7E6	296.6E6	50.993	55.709
4)	MA Heptachlor	4.459	5.369	206.0E6	296.2E6	49.656	53.211
5)	MB Aldrin	4.704	5.681	185.4E6	254.2E6	47.338	50.962
6)	B beta-BHC	4.408	5.030	88276068	106.8E6	50.091	41.944
7)	B delta-BHC	4.609	5.253	210.5E6	269.7E6	51.031	52.444
8)	B Heptachlo...	5.143	6.076	193.3E6	226.4E6	52.156	49.020
9)	A Endosulfan I	5.478	6.441	189.1E6	211.1E6	52.826	50.451
10)	B gamma-Chl...	5.368	6.314	215.4E6	210.8E6	58.172	46.199
11)	B alpha-Chl...	5.426	6.386	200.0E6	223.4E6	54.011	49.421
12)	B 4,4'-DDE	5.592	6.541	196.0E6	218.5E6	52.532	52.777
13)	MA Dieldrin	5.718	6.702	223.6E6	214.5E6	55.188	51.333
14)	MA Endrin	5.972	6.924	194.9E6	169.2E6	55.899	52.347
15)	B Endosulfa...	6.243	7.138	175.3E6	182.0E6	53.394	52.209
16)	A 4,4'-DDD	6.103	7.041	133.8E6	172.9E6	40.637	50.522
17)	MA 4,4'-DDT	6.341	7.342	168.5E6	196.2E6	52.862	57.826
18)	B Endrin al...	6.411	7.264	136.3E6	148.4E6	52.860	53.051
19)	B Endosulfa...	6.622	7.489	189.9E6	173.9E6	55.241	49.215
20)	A Methoxychlor	6.888	7.803	90834456	93084419	50.170	51.948
21)	B Endrin ke...	7.107	7.970	158.7E6	157.6E6	43.167	42.839
22)	Mirex	7.297	8.425	124.6E6	131.9E6	43.570	46.583
23)	Chlordane-1	4.311	5.174	8696493	4089788	76.071	23.787 #
24)	Chlordane-2	4.780f	0.000	2474462	0	18.603	N.D. #
25)	Chlordane-3	5.368	6.314	215.4E6	210.8E6	592.615	320.664 #
26)	Chlordane-4	5.426	6.386	200.0E6	223.4E6	634.023	284.362 #
27)	Chlordane-5	6.243	7.226f	175.3E6	709973	1240.863	5.297 #

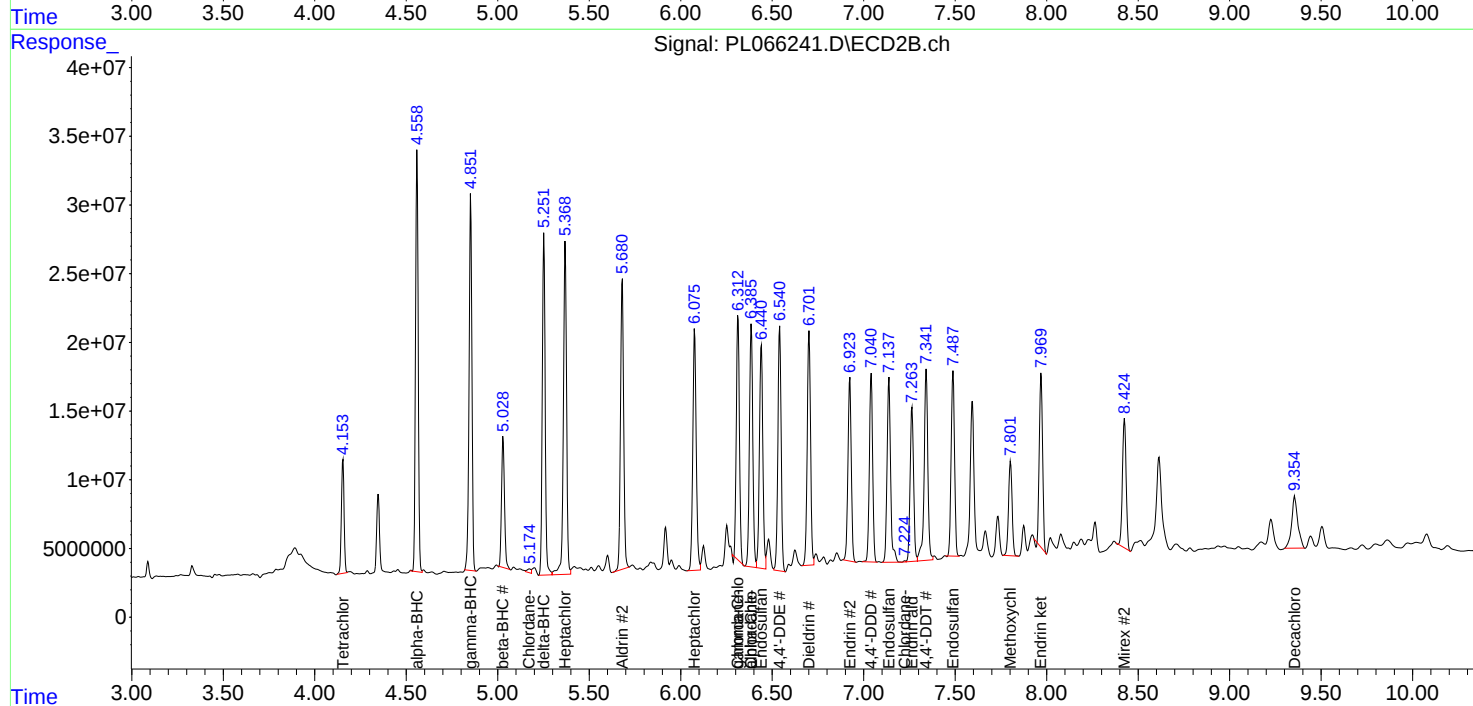
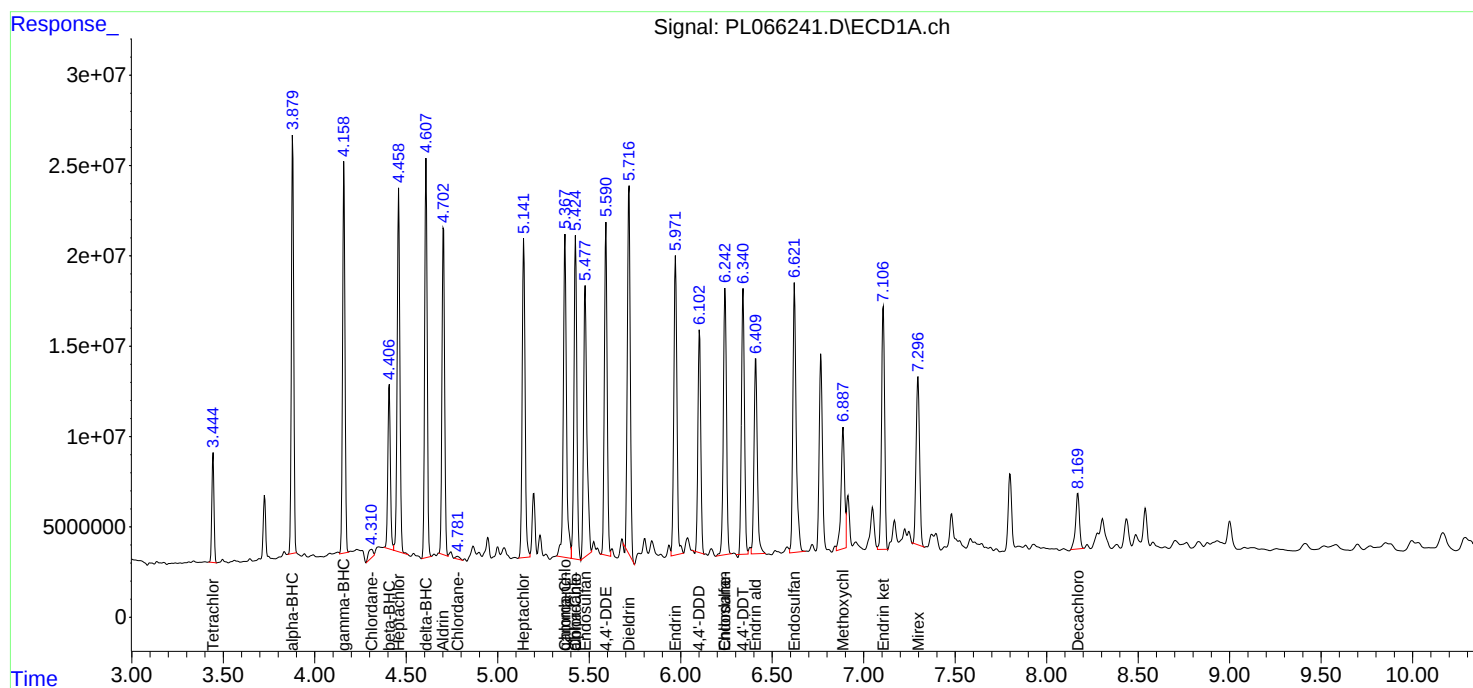
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

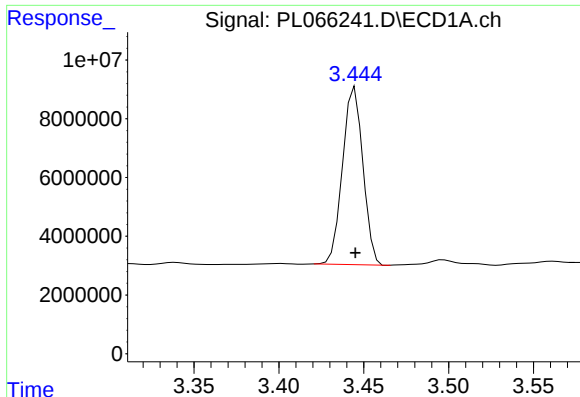
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041621\
Data File : PL066241.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Apr 2021 16:55
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

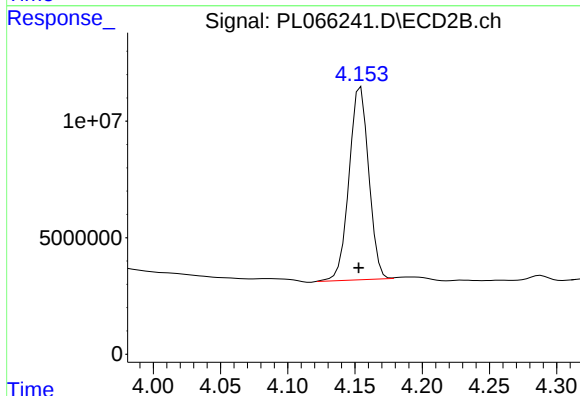




#1 Tetrachloro-m-xylene

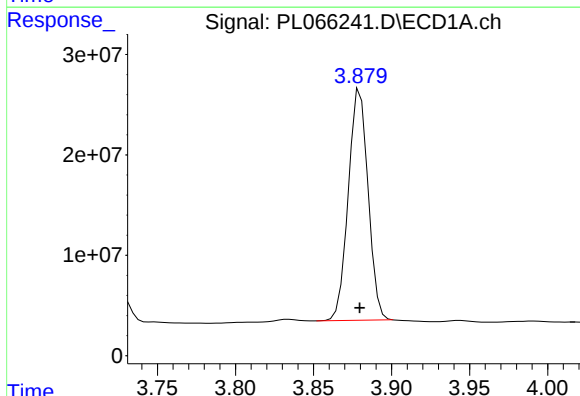
R.T.: 3.445 min
Delta R.T.: 0.000 min
Response: 50642925
Conc: 19.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



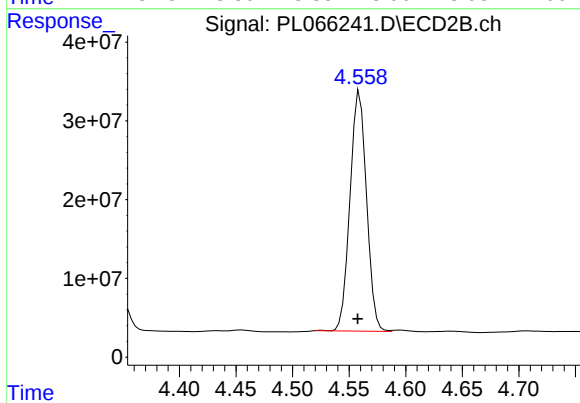
#1 Tetrachloro-m-xylene

R.T.: 4.154 min
Delta R.T.: 0.001 min
Response: 84202820
Conc: 20.93 ng/ml



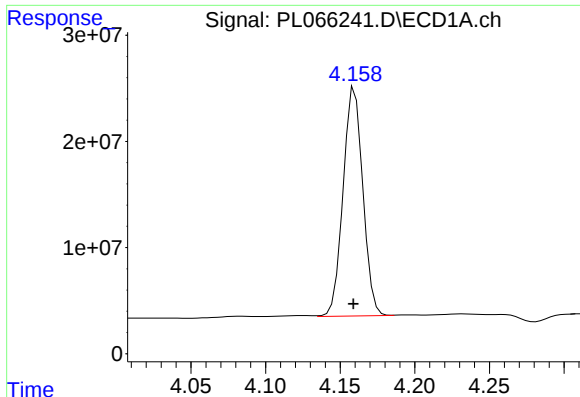
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: 0.000 min
Response: 203312418
Conc: 49.41 ng/ml



#2 alpha-BHC

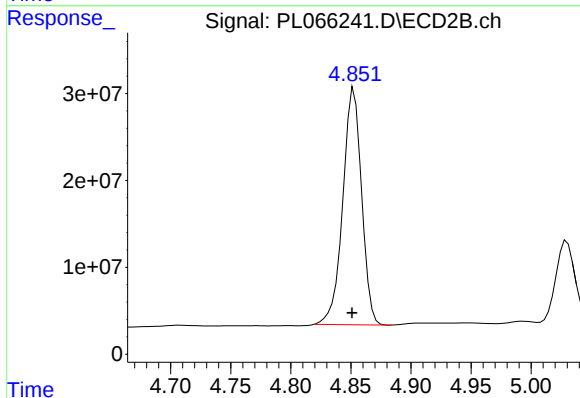
R.T.: 4.559 min
Delta R.T.: 0.002 min
Response: 310126412
Conc: 53.41 ng/ml



#3 gamma-BHC (Lindane)

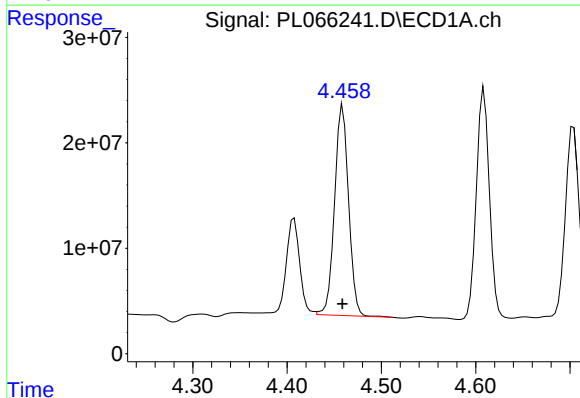
R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 198713802
Conc: 50.99 ng/ml

Instrument :
ECD_L
ClientSampleId :



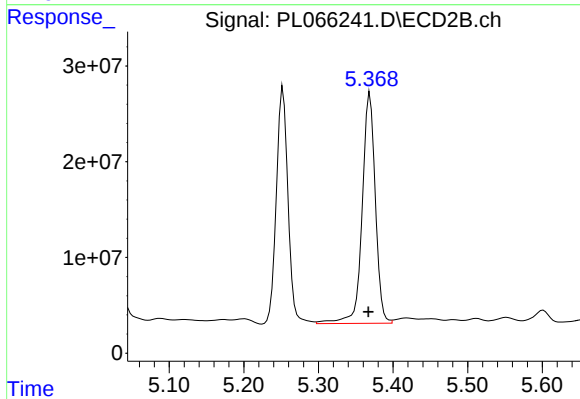
#3 gamma-BHC (Lindane)

R.T.: 4.853 min
Delta R.T.: 0.002 min
Response: 296583753
Conc: 55.71 ng/ml



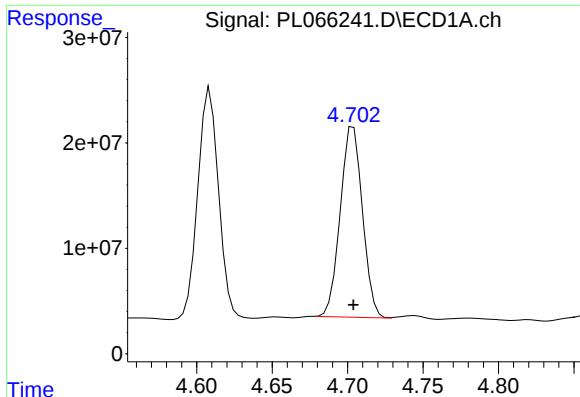
#4 Heptachlor

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 205965940
Conc: 49.66 ng/ml



#4 Heptachlor

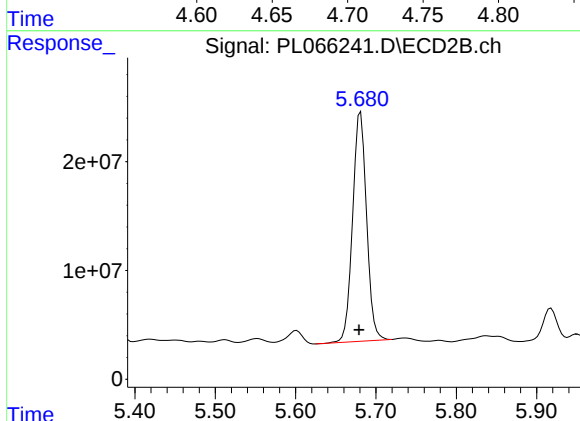
R.T.: 5.369 min
Delta R.T.: 0.002 min
Response: 296170192
Conc: 53.21 ng/ml



#5 Aldrin

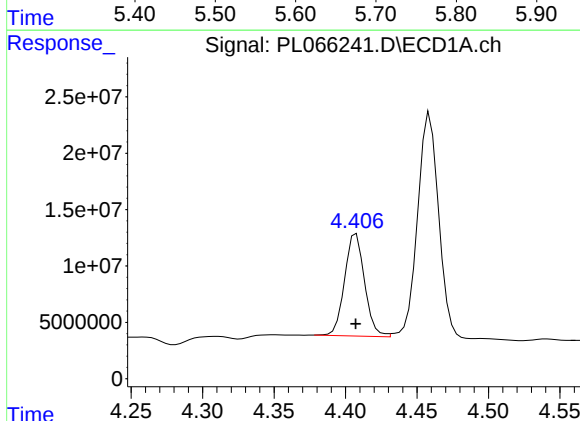
R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 185385729
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :



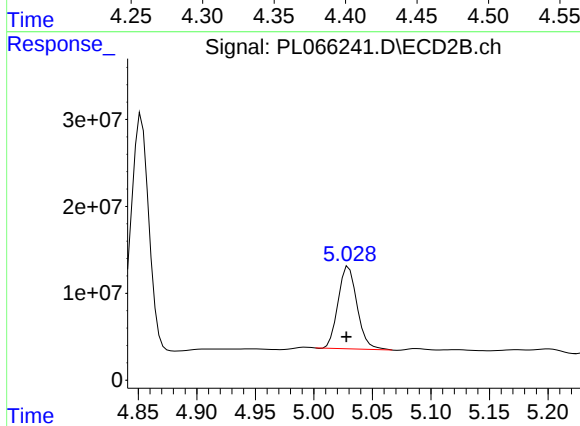
#5 Aldrin

R.T.: 5.681 min
Delta R.T.: 0.002 min
Response: 254220466
Conc: 50.96 ng/ml



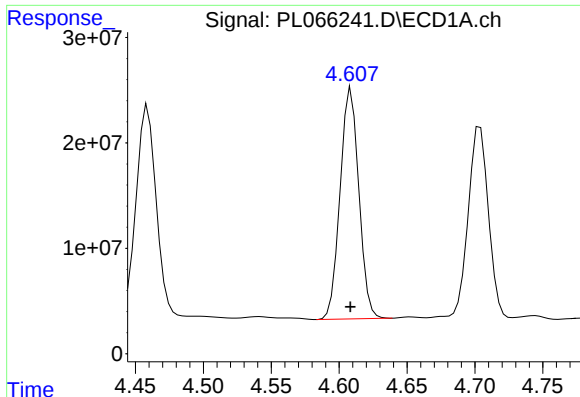
#6 beta-BHC

R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 88276068
Conc: 50.09 ng/ml



#6 beta-BHC

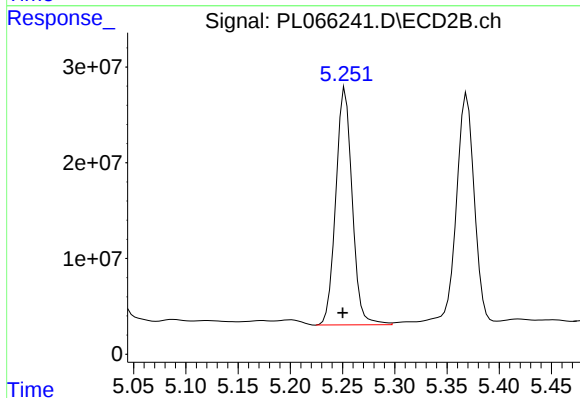
R.T.: 5.030 min
Delta R.T.: 0.002 min
Response: 106755916
Conc: 41.94 ng/ml



#7 delta-BHC

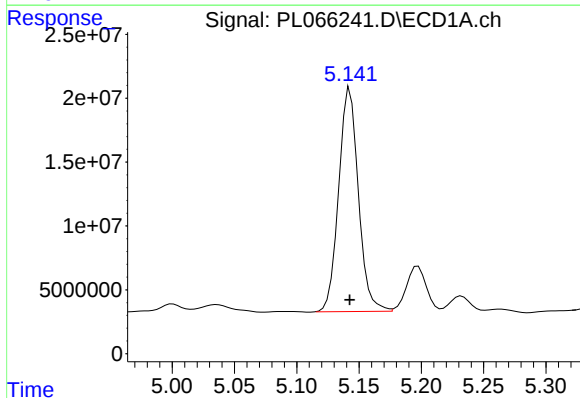
R.T.: 4.609 min
Delta R.T.: 0.000 min
Response: 210505730
Conc: 51.03 ng/ml

Instrument :
ECD_L
ClientSampleId :



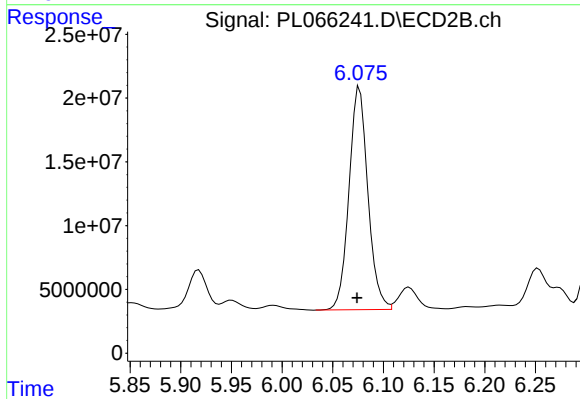
#7 delta-BHC

R.T.: 5.253 min
Delta R.T.: 0.002 min
Response: 269681044
Conc: 52.44 ng/ml



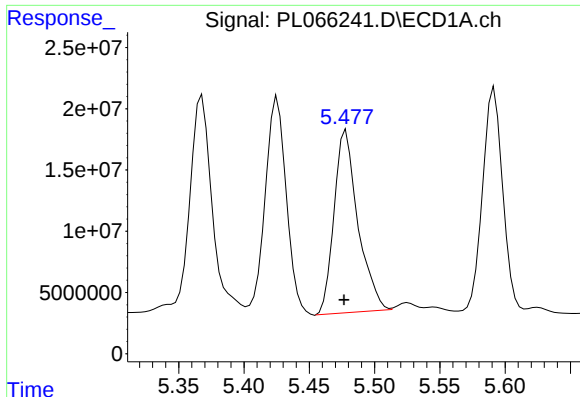
#8 Heptachlor epoxide

R.T.: 5.143 min
Delta R.T.: 0.000 min
Response: 193259978
Conc: 52.16 ng/ml



#8 Heptachlor epoxide

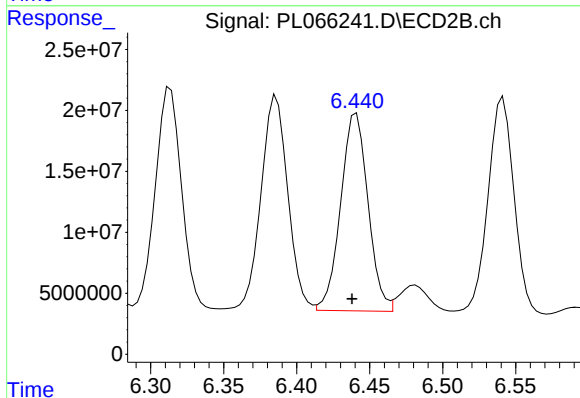
R.T.: 6.076 min
Delta R.T.: 0.002 min
Response: 226416423
Conc: 49.02 ng/ml



#9 Endosulfan I

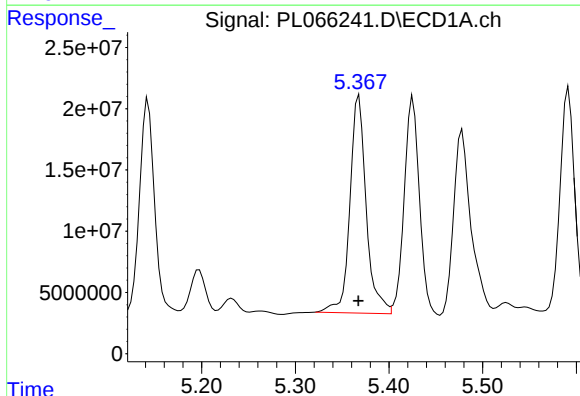
R.T.: 5.478 min
Delta R.T.: 0.001 min
Response: 189145717
Conc: 52.83 ng/ml

Instrument :
ECD_L
ClientSampleId :



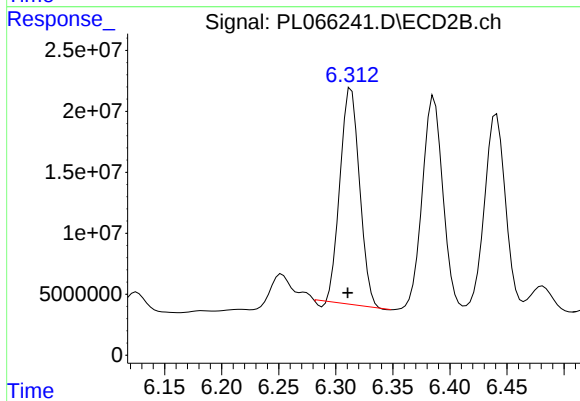
#9 Endosulfan I

R.T.: 6.441 min
Delta R.T.: 0.003 min
Response: 211109435
Conc: 50.45 ng/ml



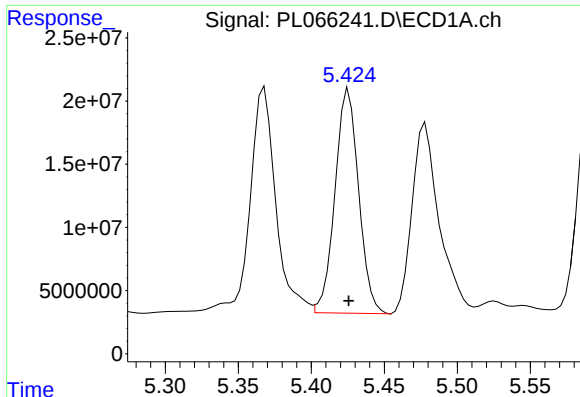
#10 gamma-Chlordane

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 215389615
Conc: 58.17 ng/ml



#10 gamma-Chlordane

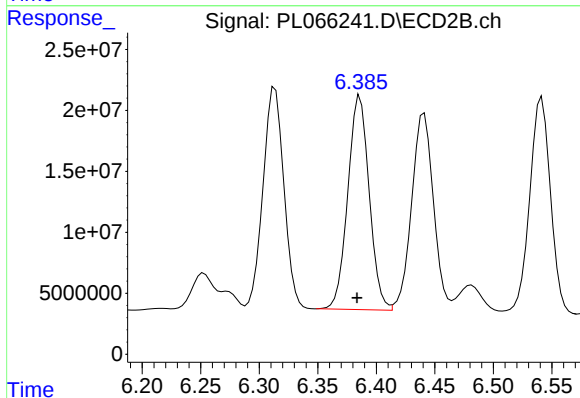
R.T.: 6.314 min
Delta R.T.: 0.003 min
Response: 210846410
Conc: 46.20 ng/ml



#11 alpha-Chlordane

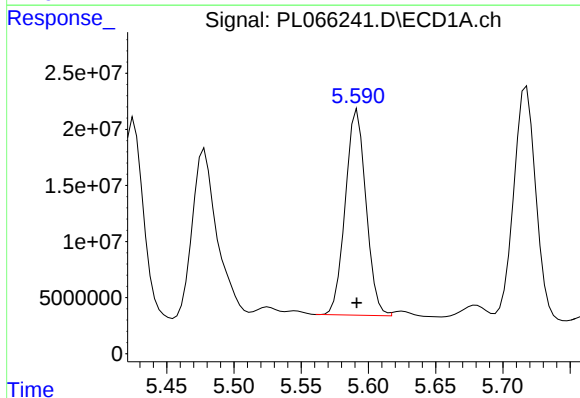
R.T.: 5.426 min
Delta R.T.: 0.000 min
Response: 200041969
Conc: 54.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



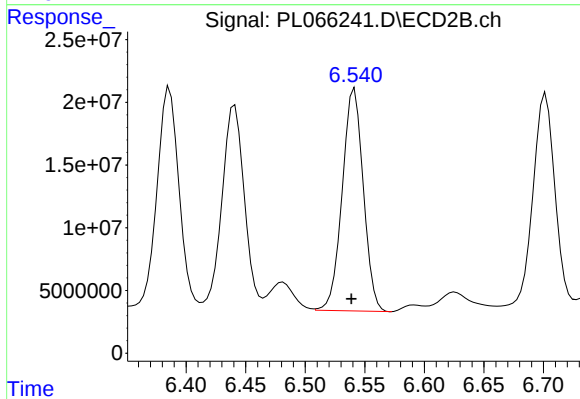
#11 alpha-Chlordane

R.T.: 6.386 min
Delta R.T.: 0.002 min
Response: 223379200
Conc: 49.42 ng/ml



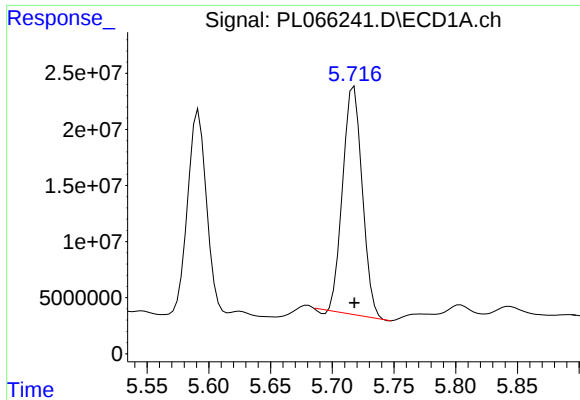
#12 4,4'-DDE

R.T.: 5.592 min
Delta R.T.: 0.000 min
Response: 195951461
Conc: 52.53 ng/ml



#12 4,4'-DDE

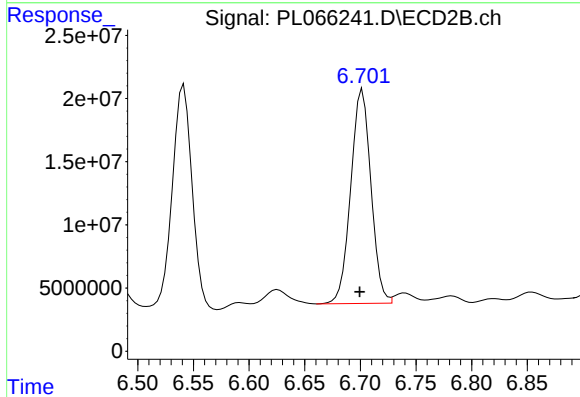
R.T.: 6.541 min
Delta R.T.: 0.003 min
Response: 218451430
Conc: 52.78 ng/ml



#13 Dieldrin

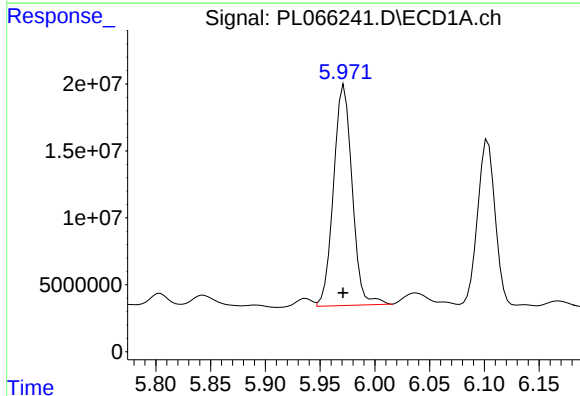
R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 223570219
Conc: 55.19 ng/ml

Instrument :
ECD_L
ClientSampleId :



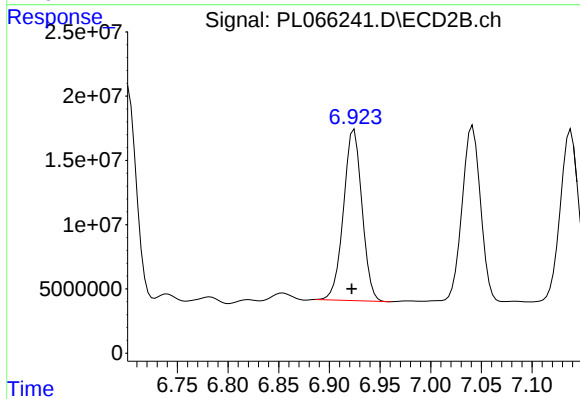
#13 Dieldrin

R.T.: 6.702 min
Delta R.T.: 0.002 min
Response: 214480272
Conc: 51.33 ng/ml



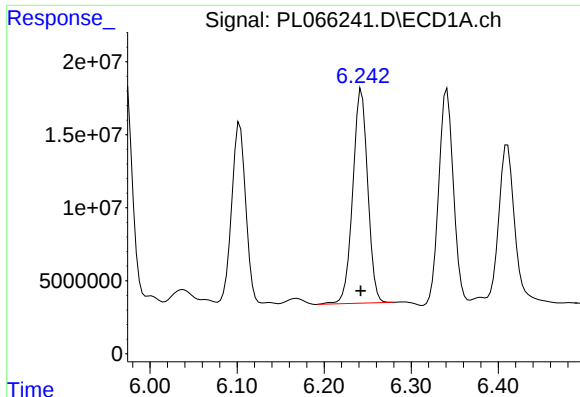
#14 Endrin

R.T.: 5.972 min
Delta R.T.: 0.001 min
Response: 194902601
Conc: 55.90 ng/ml



#14 Endrin

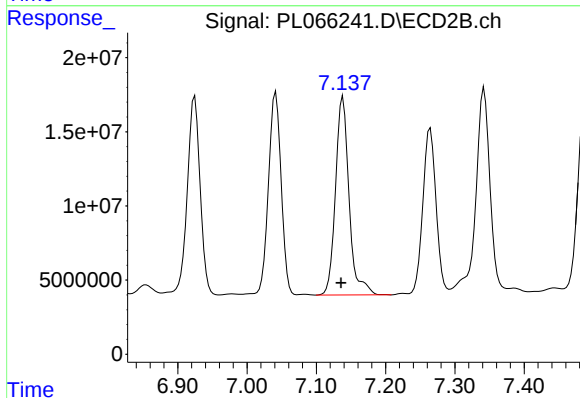
R.T.: 6.924 min
Delta R.T.: 0.002 min
Response: 169161148
Conc: 52.35 ng/ml



#15 Endosulfan II

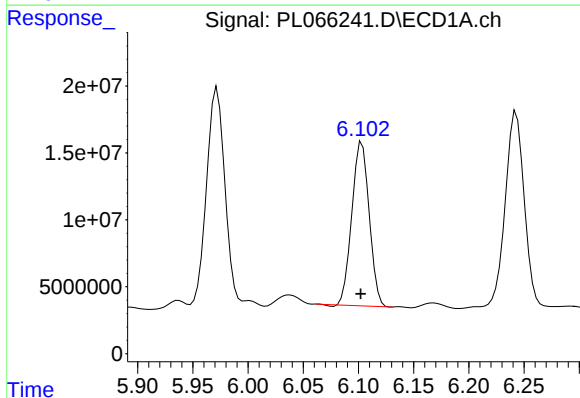
R.T.: 6.243 min
Delta R.T.: 0.001 min
Response: 175311297
Conc: 53.39 ng/ml

Instrument :
ECD_L
ClientSampleId :



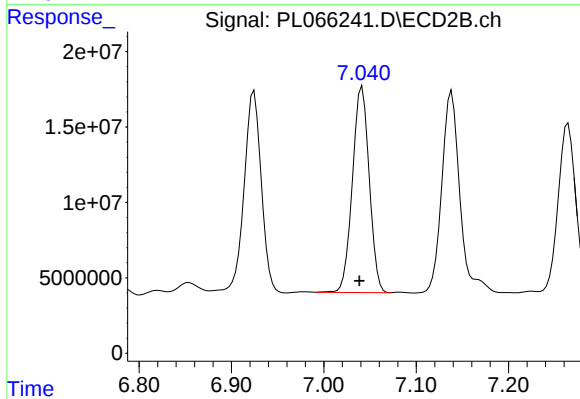
#15 Endosulfan II

R.T.: 7.138 min
Delta R.T.: 0.003 min
Response: 181996349
Conc: 52.21 ng/ml



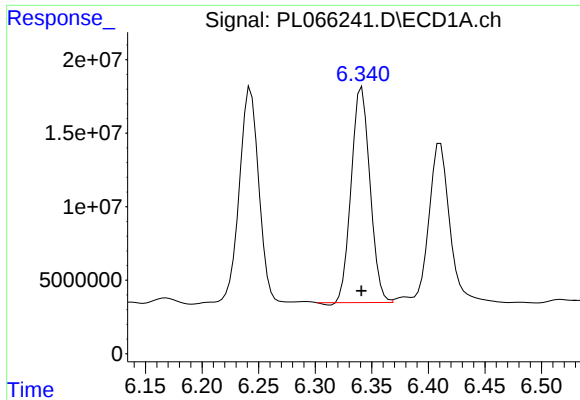
#16 4,4'-DDD

R.T.: 6.103 min
Delta R.T.: 0.001 min
Response: 133816842
Conc: 40.64 ng/ml



#16 4,4'-DDD

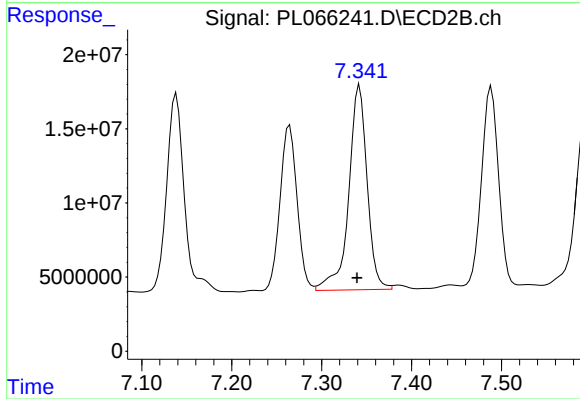
R.T.: 7.041 min
Delta R.T.: 0.003 min
Response: 172895512
Conc: 50.52 ng/ml



#17 4,4'-DDT

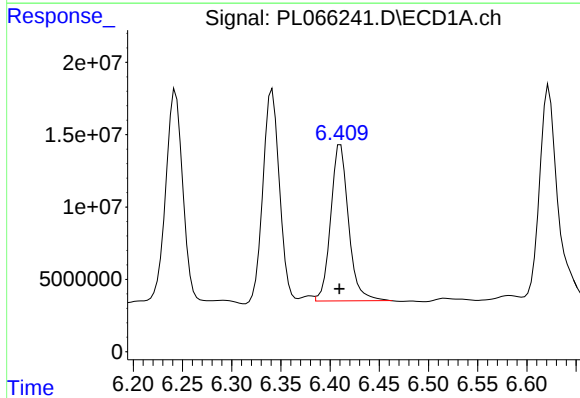
R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 168488085
Conc: 52.86 ng/ml

Instrument :
ECD_L
ClientSampleId :



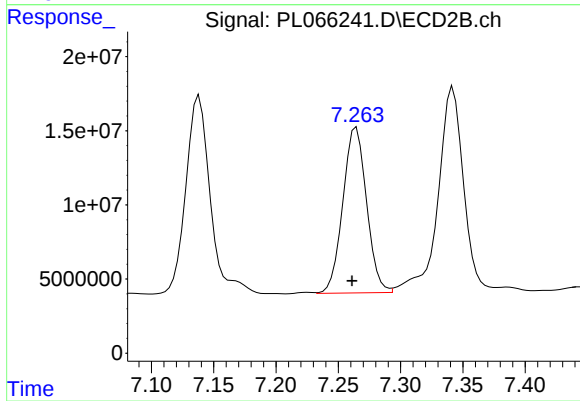
#17 4,4'-DDT

R.T.: 7.342 min
Delta R.T.: 0.003 min
Response: 196168055
Conc: 57.83 ng/ml



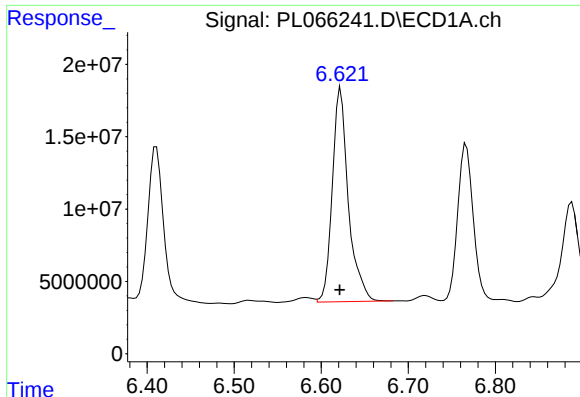
#18 Endrin aldehyde

R.T.: 6.411 min
Delta R.T.: 0.001 min
Response: 136278626
Conc: 52.86 ng/ml



#18 Endrin aldehyde

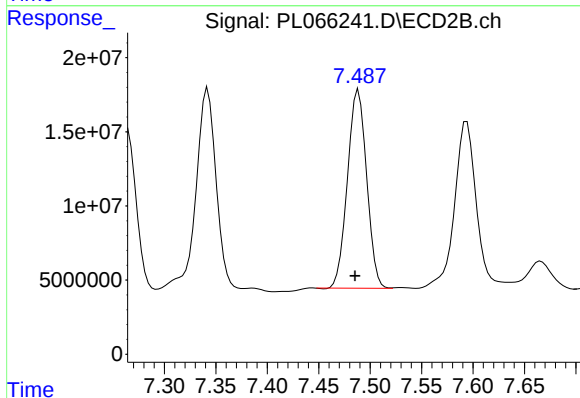
R.T.: 7.264 min
Delta R.T.: 0.003 min
Response: 148385788
Conc: 53.05 ng/ml



#19 Endosulfan Sulfate

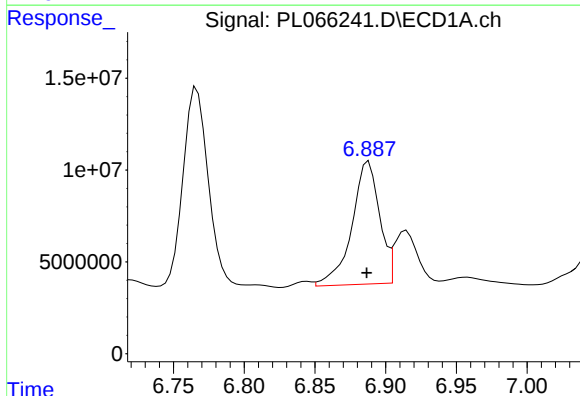
R.T.: 6.622 min
Delta R.T.: 0.001 min
Response: 189906910
Conc: 55.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



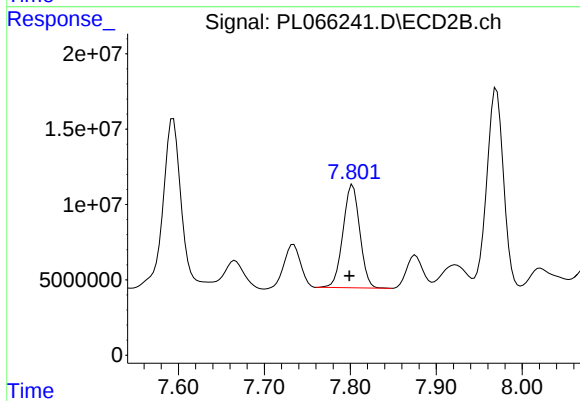
#19 Endosulfan Sulfate

R.T.: 7.489 min
Delta R.T.: 0.003 min
Response: 173867392
Conc: 49.21 ng/ml



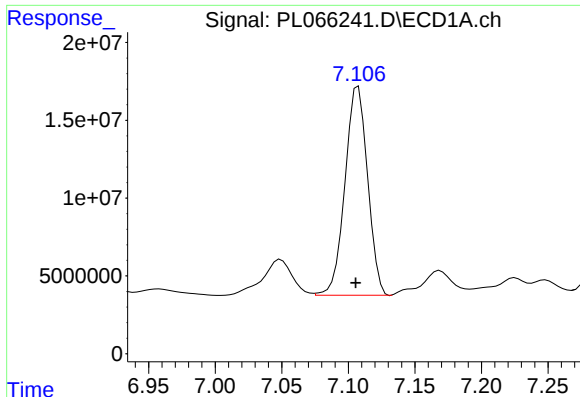
#20 Methoxychlor

R.T.: 6.888 min
Delta R.T.: 0.001 min
Response: 90834456
Conc: 50.17 ng/ml



#20 Methoxychlor

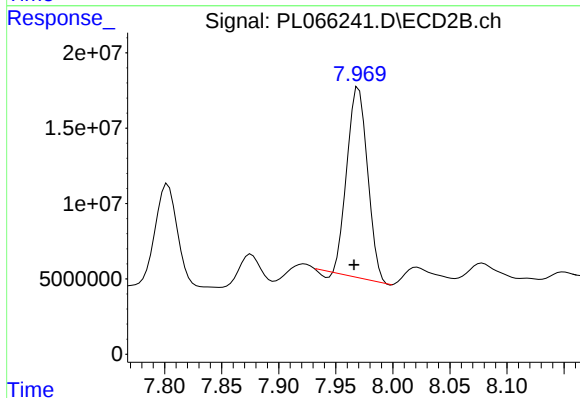
R.T.: 7.803 min
Delta R.T.: 0.004 min
Response: 93084419
Conc: 51.95 ng/ml



#21 Endrin ketone

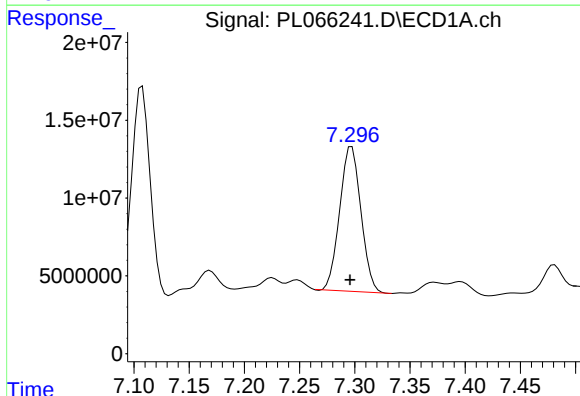
R.T.: 7.107 min
Delta R.T.: 0.002 min
Response: 158720089
Conc: 43.17 ng/ml

Instrument :
ECD_L
ClientSampleId :



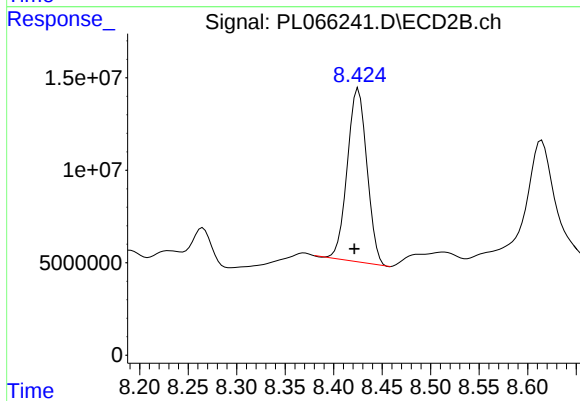
#21 Endrin ketone

R.T.: 7.970 min
Delta R.T.: 0.004 min
Response: 157590966
Conc: 42.84 ng/ml



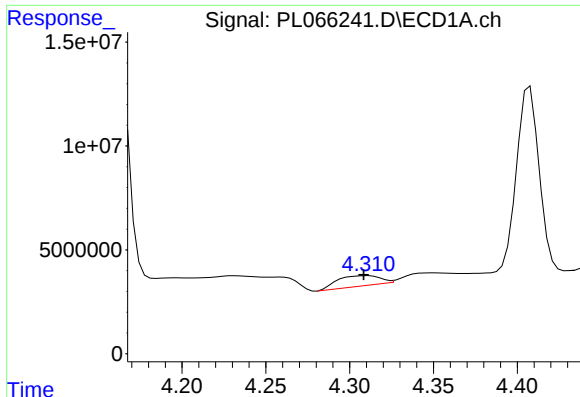
#22 Mirex

R.T.: 7.297 min
Delta R.T.: 0.001 min
Response: 124609554
Conc: 43.57 ng/ml



#22 Mirex

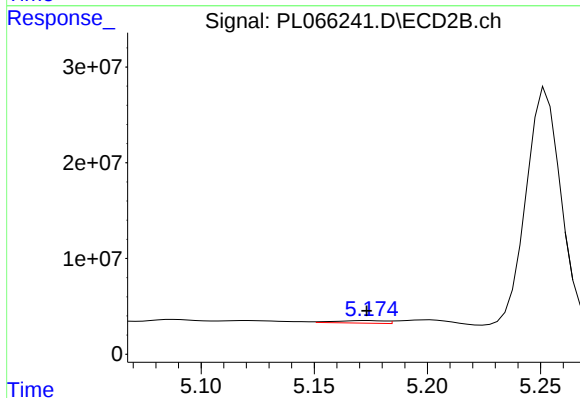
R.T.: 8.425 min
Delta R.T.: 0.004 min
Response: 131858307
Conc: 46.58 ng/ml



#23 Chlordane-1

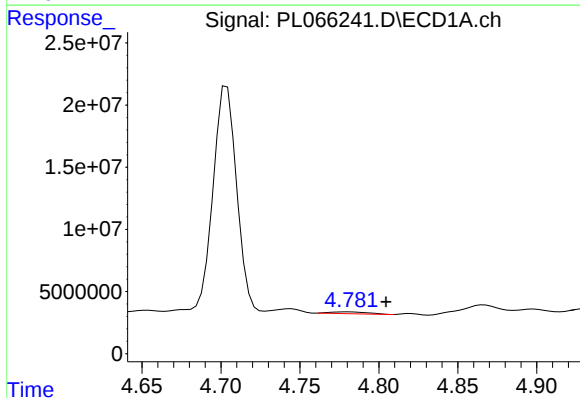
R.T.: 4.311 min
Delta R.T.: 0.002 min
Response: 8696493
Conc: 76.07 ng/ml

Instrument :
ECD_L
ClientSampleId :



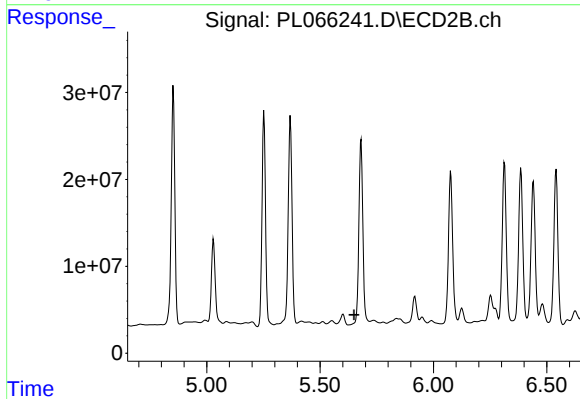
#23 Chlordane-1

R.T.: 5.174 min
Delta R.T.: 0.000 min
Response: 4089788
Conc: 23.79 ng/ml



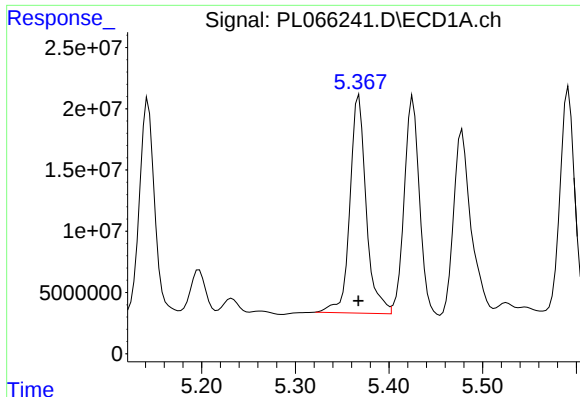
#24 Chlordane-2

R.T.: 4.780 min
Delta R.T.: -0.024 min
Response: 2474462
Conc: 18.60 ng/ml



#24 Chlordane-2

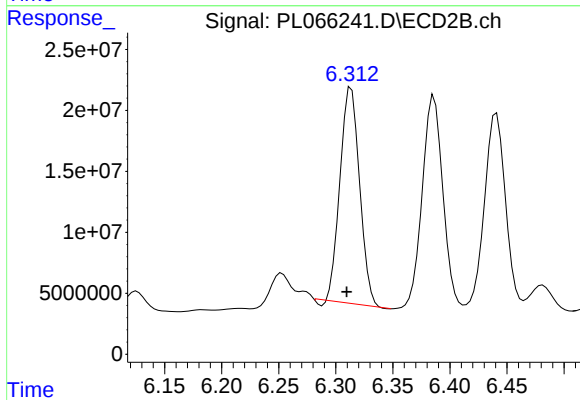
R.T.: 0.000 min
Exp R.T.: 5.650 min
Response: 0
Conc: N.D.



#25 Chlordane-3

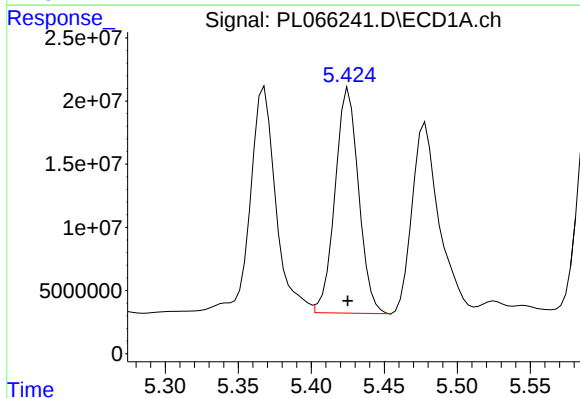
R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 215389615
Conc: 592.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



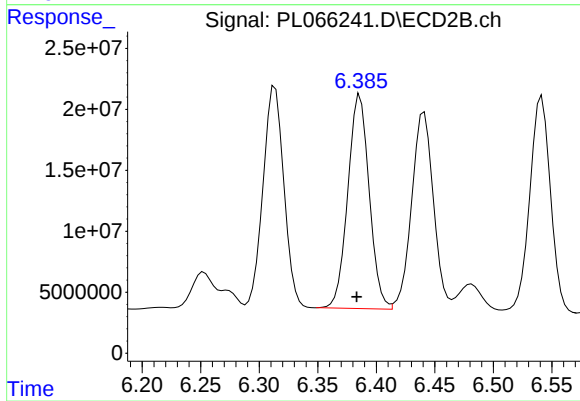
#25 Chlordane-3

R.T.: 6.314 min
Delta R.T.: 0.004 min
Response: 210846410
Conc: 320.66 ng/ml



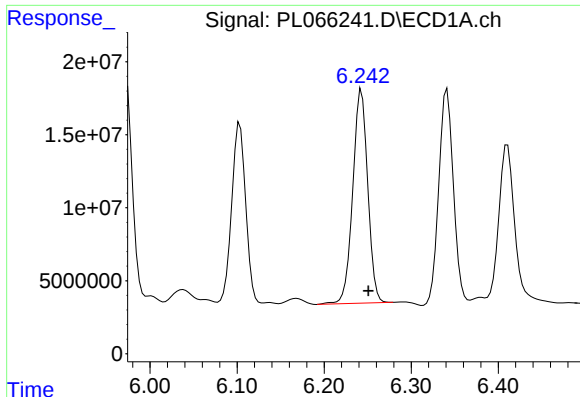
#26 Chlordane-4

R.T.: 5.426 min
Delta R.T.: 0.000 min
Response: 200041969
Conc: 634.02 ng/ml



#26 Chlordane-4

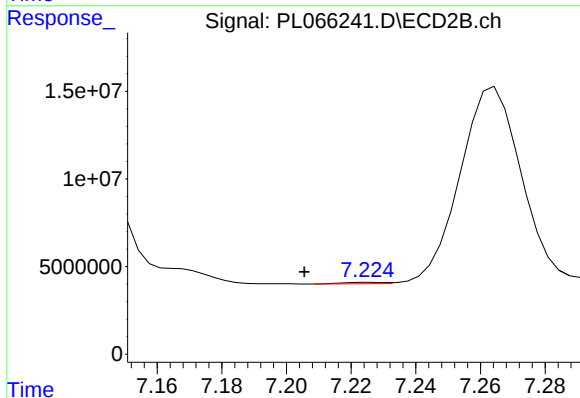
R.T.: 6.386 min
Delta R.T.: 0.003 min
Response: 223379200
Conc: 284.36 ng/ml



#27 Chlordane-5

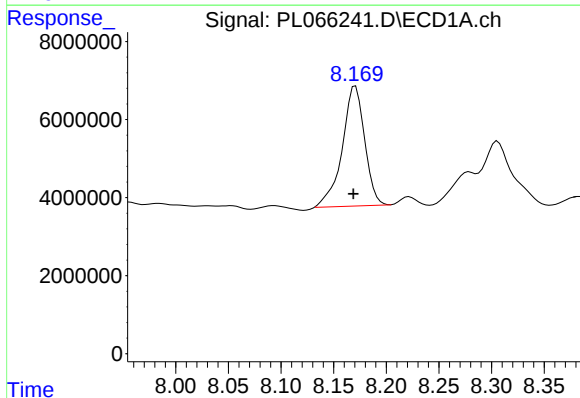
R.T.: 6.243 min
Delta R.T.: -0.008 min
Response: 175311297
Conc: 1240.86 ng/ml

Instrument :
ECD_L
ClientSampleId :



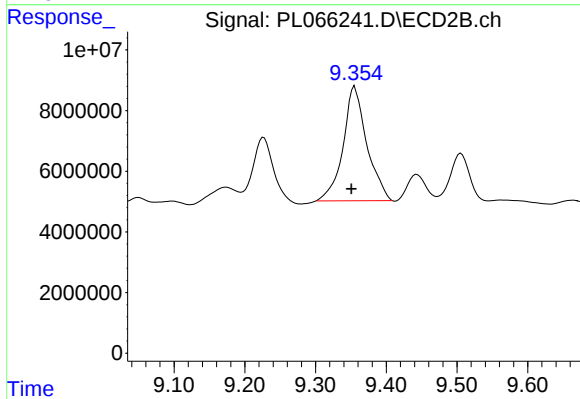
#27 Chlordane-5

R.T.: 7.226 min
Delta R.T.: 0.020 min
Response: 709973
Conc: 5.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.171 min
Delta R.T.: 0.002 min
Response: 45746366
Conc: 19.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.355 min
Delta R.T.: 0.004 min
Response: 87944241
Conc: 26.93 ng/ml