

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031720\
 Data File : PL057444.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2020 14:36
 Operator : AJ\MA
 Sample : PB127613BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 15:29:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031420.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 16 09:40:37 2020
 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...	3.458	3.957	219.9E6	50093674	23.725	23.089
28)	SA Decachlor...	8.205	8.978	210.6E6	48892000	19.905	22.050
Target Compounds							
2)	A alpha-BHC	3.895	4.344	818.4E6	160.7E6	51.375	50.018
3)	MA gamma-BHC...	4.179	4.626	747.7E6	154.1E6	52.024	49.116
4)	MA Heptachlor	4.479	5.128	761.8E6	157.5E6	51.289	50.042
5)	MB Aldrin	4.727	5.429	732.3E6	155.8E6	53.086	51.062
6)	B beta-BHC	4.431	4.799	317.9E6	75528938	54.076	52.366
7)	B delta-BHC	4.634	5.013	735.0E6	146.7E6	52.368	55.996
8)	B Heptachlo...	5.169	5.815	677.1E6	146.6E6	52.830	53.725
9)	A Endosulfan I	5.508	6.169	628.8E6	139.0E6	52.882	48.835
10)	B gamma-Chl...	5.396	6.047	684.9E6	151.0E6	52.521	49.003
11)	B alpha-Chl...	5.454	6.119	663.2E6	148.8E6	51.319	47.809
12)	B 4,4'-DDE	5.618	6.278	652.8E6	141.6E6	52.408	49.831
13)	MA Dieldrin	5.751	6.424	652.8E6	145.6E6	51.759	49.215
14)	MA Endrin	6.008	6.641	493.8E6	107.7E6	43.196	44.652
15)	B Endosulfa...	6.281	6.851	499.8E6	121.3E6	46.018	46.184
16)	A 4,4'-DDD	6.134	6.767	501.3E6	118.6E6	51.142	51.947
17)	MA 4,4'-DDT	6.374	7.063	413.9E6	97055374	41.499	42.612
18)	B Endrin al...	6.449	6.975	438.1E6	107.7E6	47.440	48.465
19)	B Endosulfa...	6.662	7.197	525.3E6	118.3E6	52.310	48.491
20)	A Methoxychlor	6.919	7.523	211.5E6	54586321	39.414	41.971
21)	B Endrin ke...	7.152	7.665	560.6E6	130.8E6	49.602	50.523
22)	Mirex	7.339	8.115	382.9E6	89093293	47.278	46.657
23)	Chlordane-1	4.356f	0.000	2590059	0	7.980	N.D. #
24)	Chlordane-2	4.829	5.429f	545005	155.8E6	1.500	1652.941 #
25)	Chlordane-3	5.396	6.047	684.9E6	151.0E6	607.333	398.293 #
26)	Chlordane-4	5.454	6.119	663.2E6	148.8E6	691.775	325.138 #
27)	Chlordane-5	6.281	0.000	499.8E6	0	1373.598	N.D. #

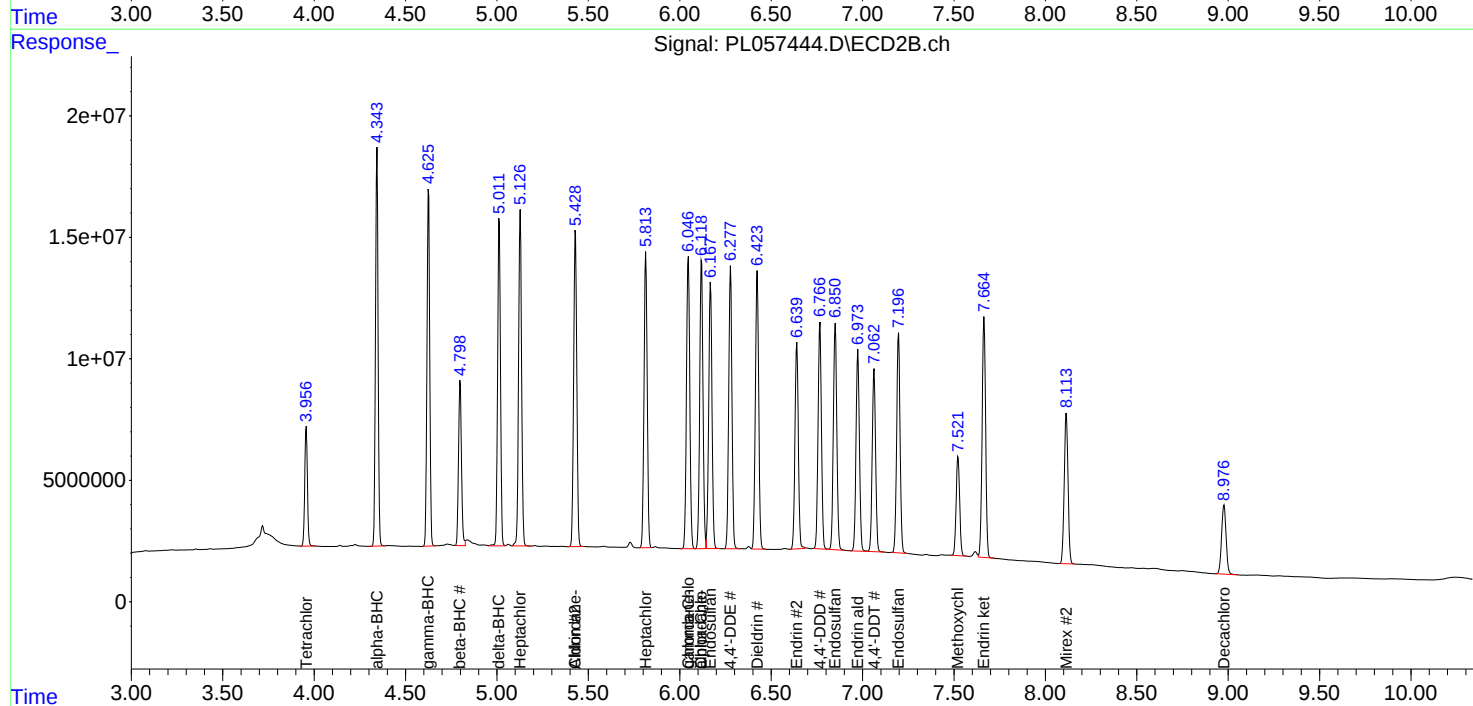
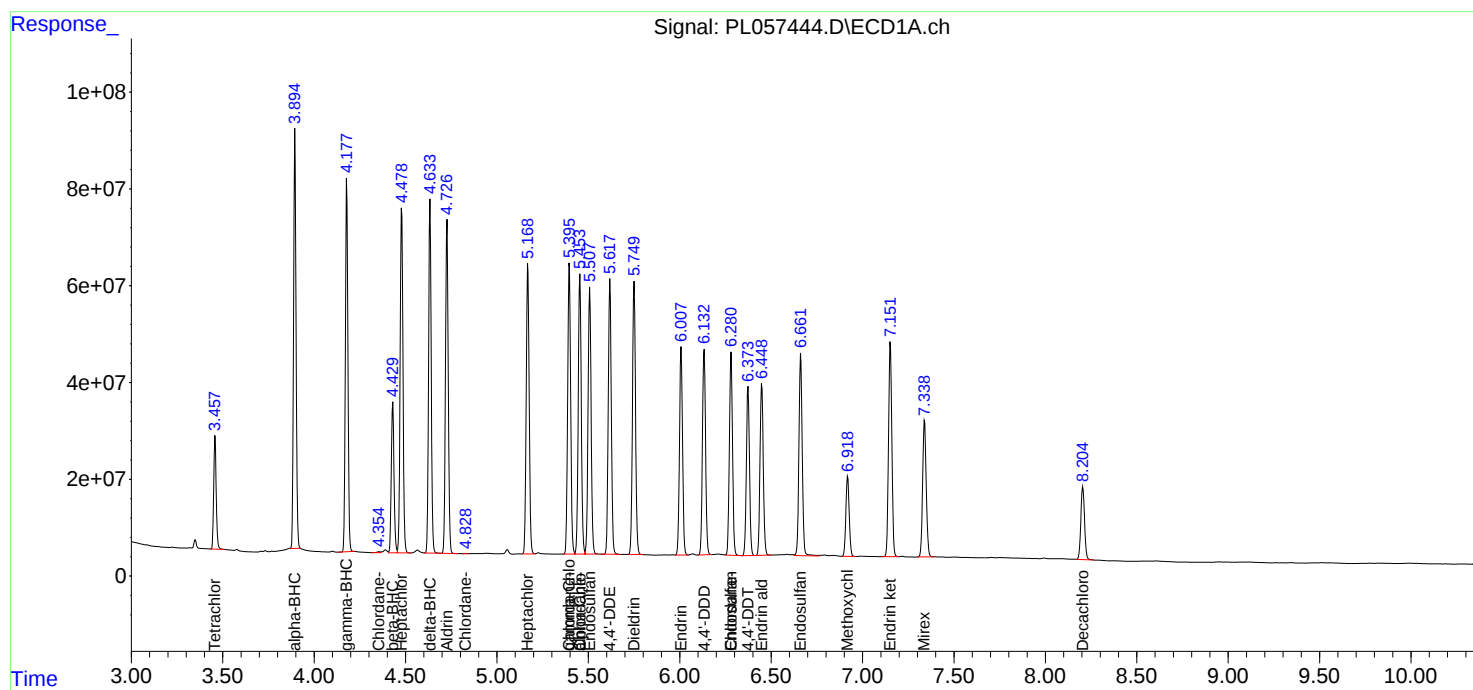
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

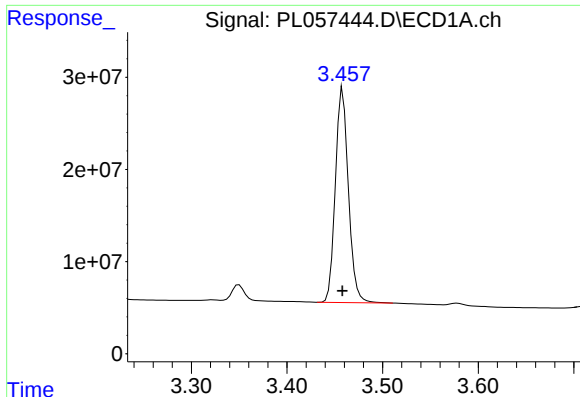
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031720\
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

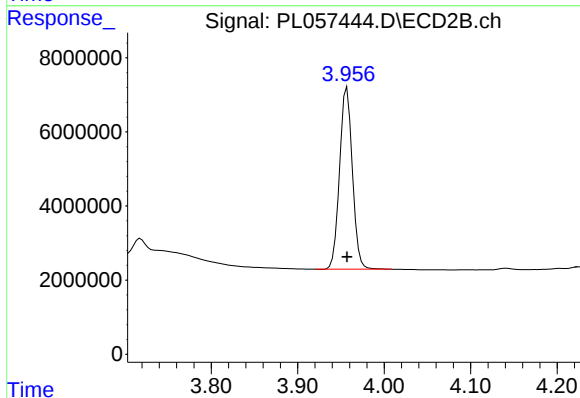




#1 Tetrachloro-m-xylene

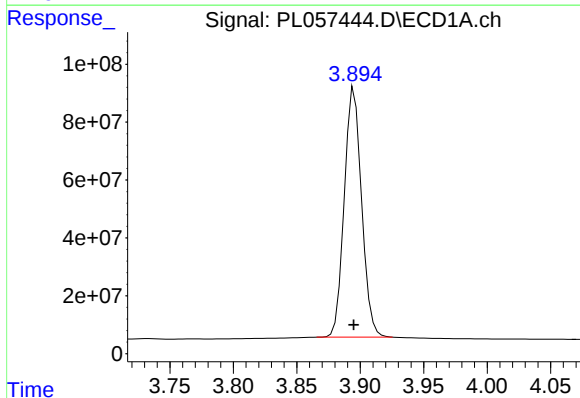
R.T.: 3.458 min
Delta R.T.: 0.000 min
Response: 219914031
Conc: 23.72 ng/ml

Instrument :
ECD_L
ClientSampleId :



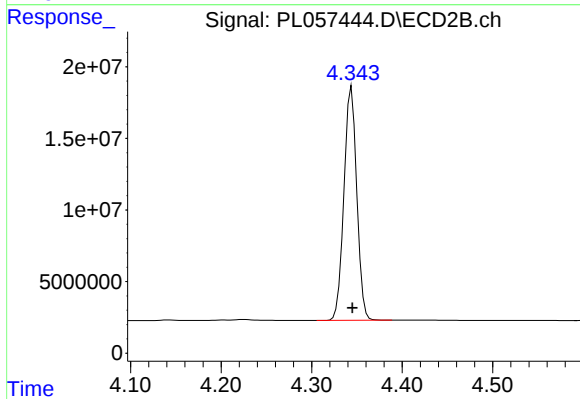
#1 Tetrachloro-m-xylene

R.T.: 3.957 min
Delta R.T.: 0.000 min
Response: 50093674
Conc: 23.09 ng/ml



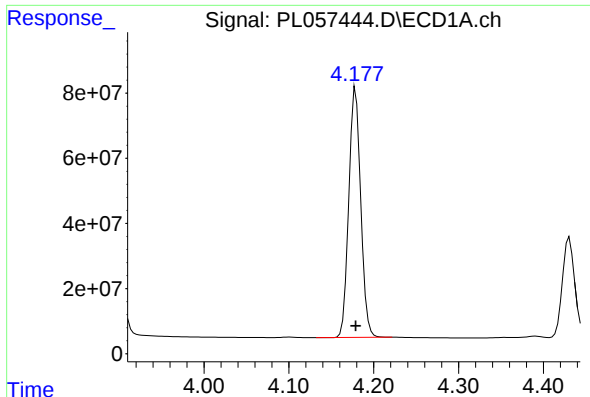
#2 alpha-BHC

R.T.: 3.895 min
Delta R.T.: 0.000 min
Response: 818369348
Conc: 51.37 ng/ml



#2 alpha-BHC

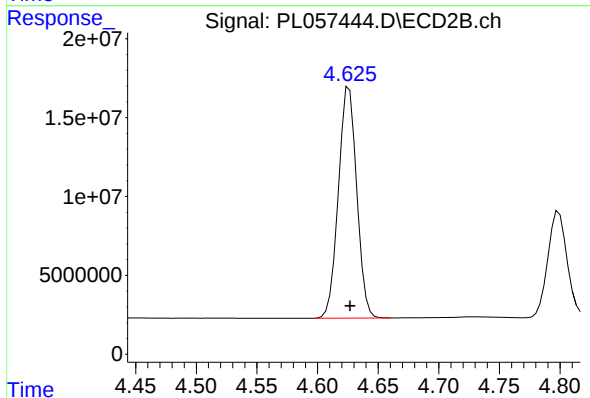
R.T.: 4.344 min
Delta R.T.: 0.000 min
Response: 160661239
Conc: 50.02 ng/ml



#3 gamma-BHC (Lindane)

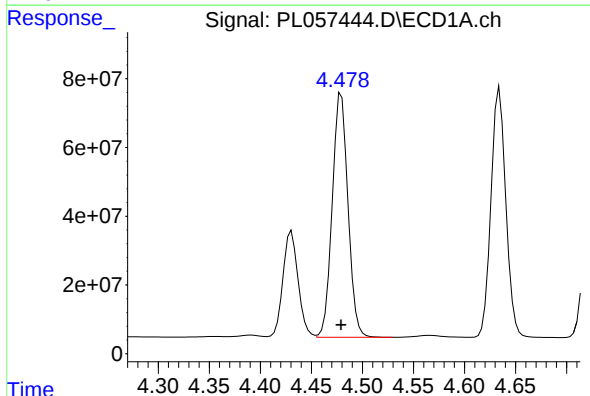
R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 747731375
Conc: 52.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



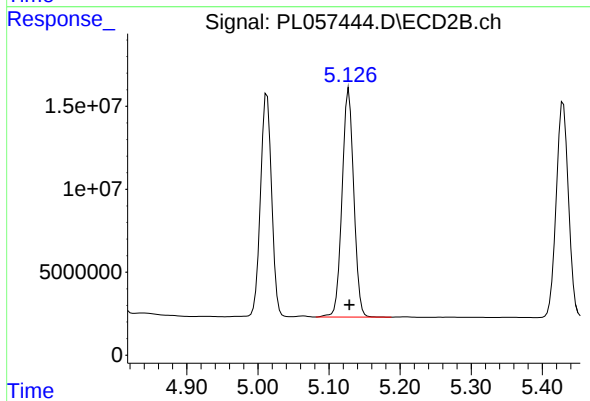
#3 gamma-BHC (Lindane)

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 154098044
Conc: 49.12 ng/ml



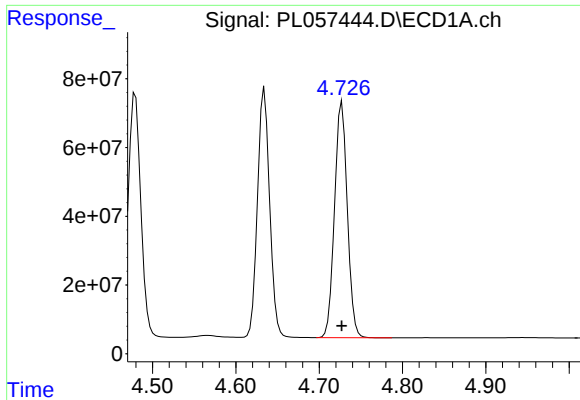
#4 Heptachlor

R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 761752143
Conc: 51.29 ng/ml



#4 Heptachlor

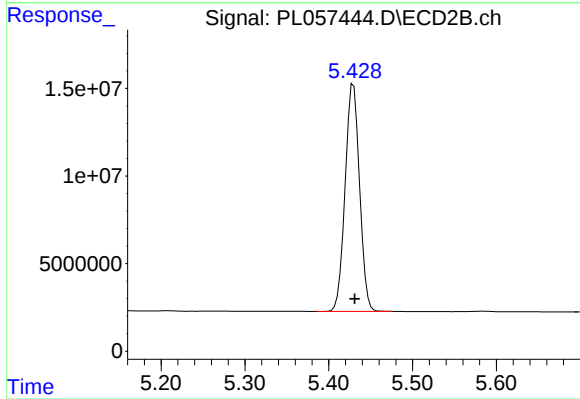
R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 157517892
Conc: 50.04 ng/ml



#5 Aldrin

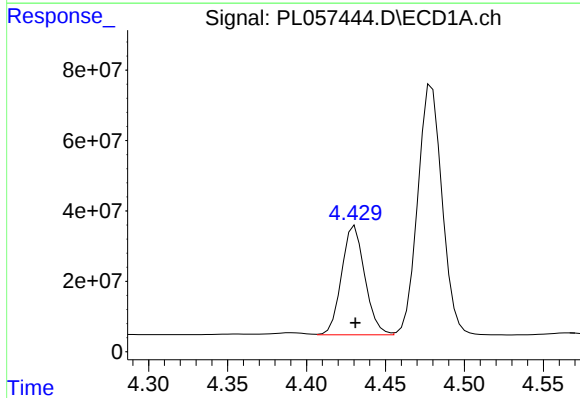
R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 732285027
Conc: 53.09 ng/ml

Instrument :
ECD_L
ClientSampleId :



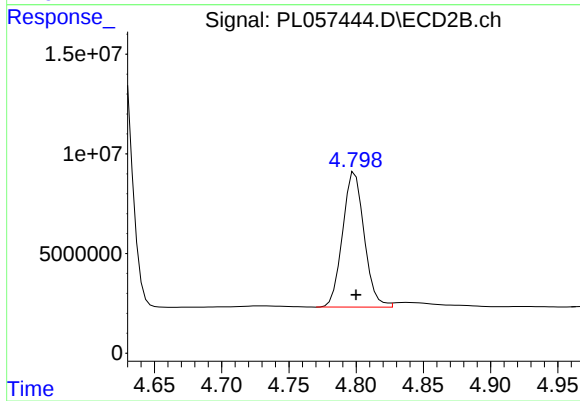
#5 Aldrin

R.T.: 5.429 min
Delta R.T.: -0.002 min
Response: 155775090
Conc: 51.06 ng/ml



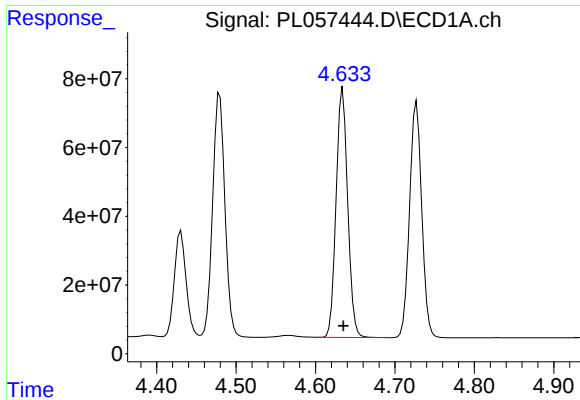
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.000 min
Response: 317916326
Conc: 54.08 ng/ml



#6 beta-BHC

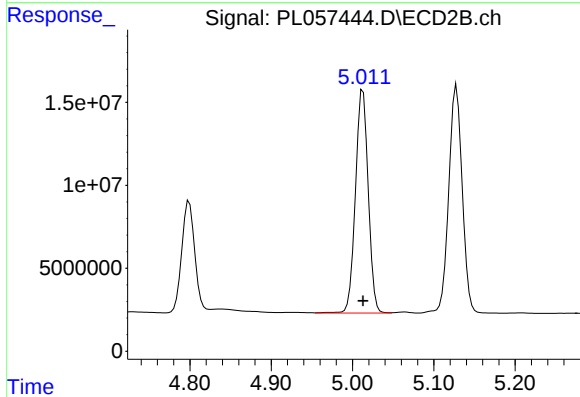
R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 75528938
Conc: 52.37 ng/ml



#7 delta-BHC

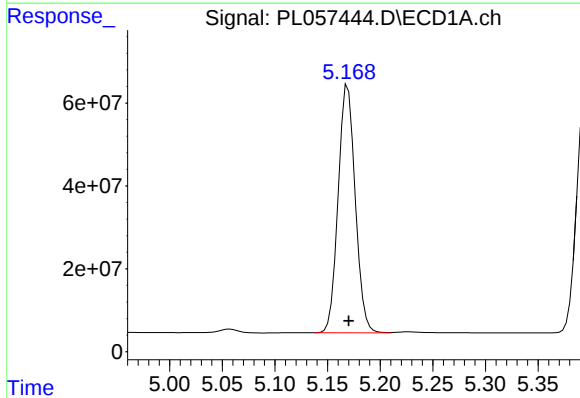
R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 734999193
Conc: 52.37 ng/ml

Instrument :
ECD_L
ClientSampleId :



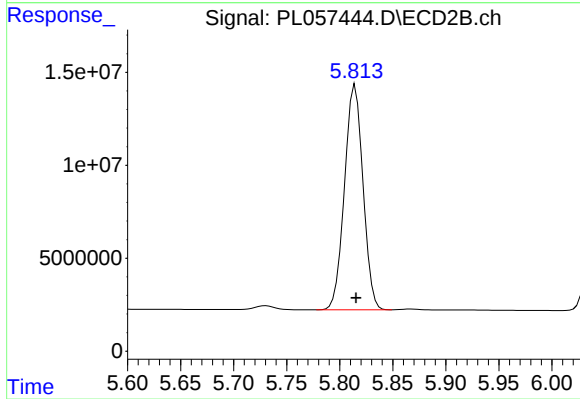
#7 delta-BHC

R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 146687327
Conc: 56.00 ng/ml



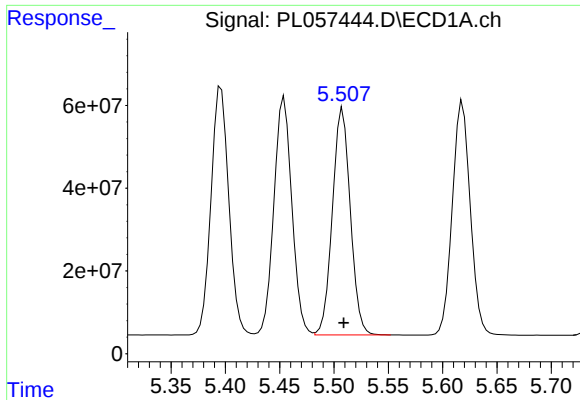
#8 Heptachlor epoxide

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 677064137
Conc: 52.83 ng/ml



#8 Heptachlor epoxide

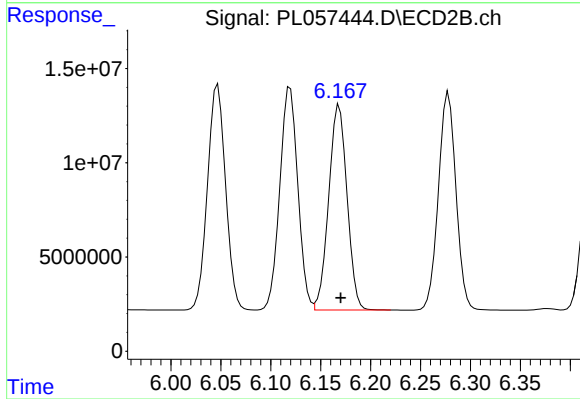
R.T.: 5.815 min
Delta R.T.: 0.000 min
Response: 146598607
Conc: 53.73 ng/ml



#9 Endosulfan I

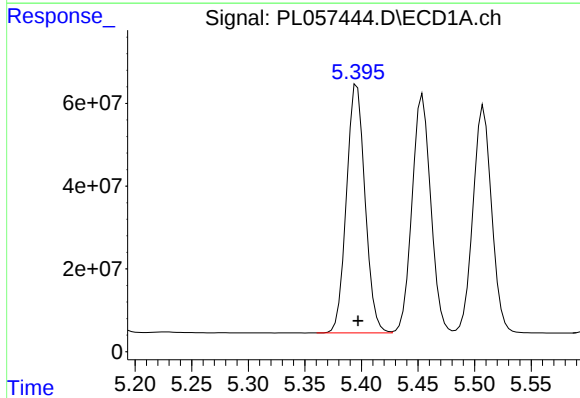
R.T.: 5.508 min
Delta R.T.: -0.001 min
Response: 628756298
Conc: 52.88 ng/ml

Instrument :
ECD_L
ClientSampleId :



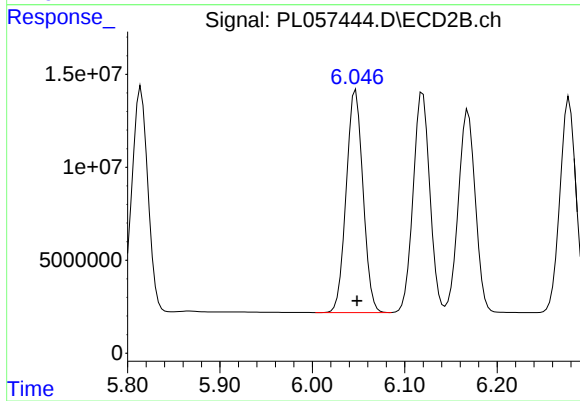
#9 Endosulfan I

R.T.: 6.169 min
Delta R.T.: -0.001 min
Response: 138950520
Conc: 48.83 ng/ml



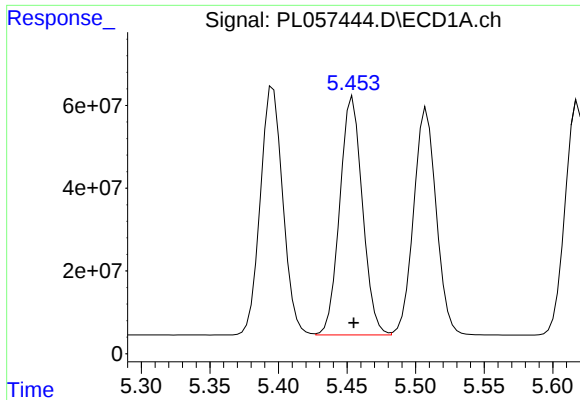
#10 gamma-Chlordane

R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 684877478
Conc: 52.52 ng/ml



#10 gamma-Chlordane

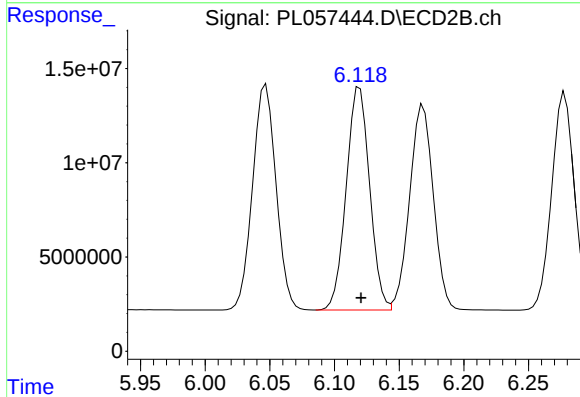
R.T.: 6.047 min
Delta R.T.: -0.002 min
Response: 151032372
Conc: 49.00 ng/ml



#11 alpha-Chlordane

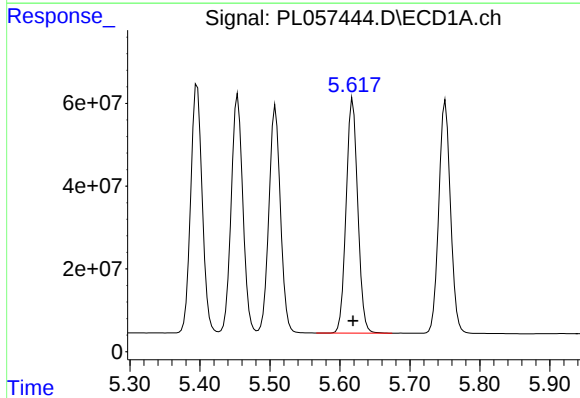
R.T.: 5.454 min
Delta R.T.: 0.000 min
Response: 663183641
Conc: 51.32 ng/ml

Instrument :
ECD_L
ClientSampleId :



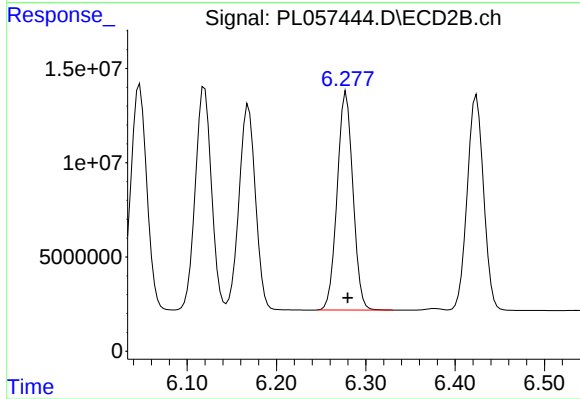
#11 alpha-Chlordane

R.T.: 6.119 min
Delta R.T.: -0.001 min
Response: 148813946
Conc: 47.81 ng/ml



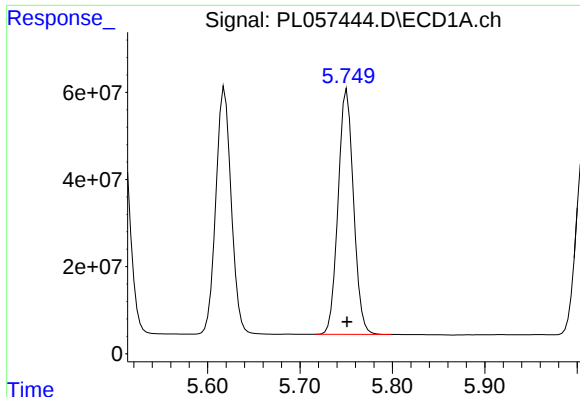
#12 4,4'-DDE

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 652770436
Conc: 52.41 ng/ml



#12 4,4'-DDE

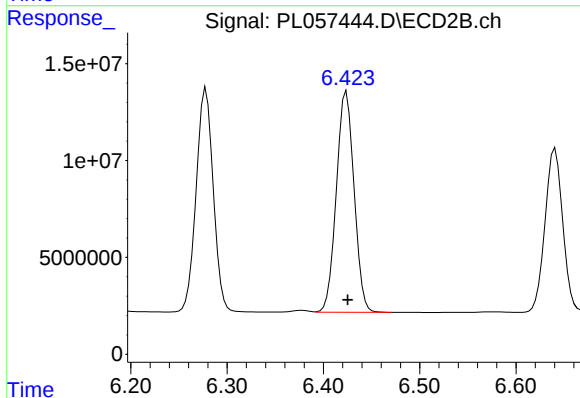
R.T.: 6.278 min
Delta R.T.: -0.001 min
Response: 141642935
Conc: 49.83 ng/ml



#13 Dieldrin

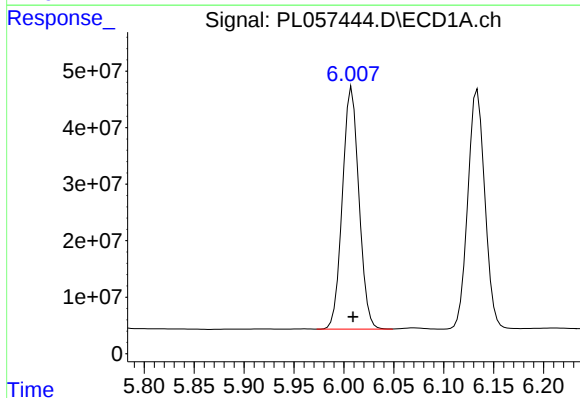
R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 652824994
Conc: 51.76 ng/ml

Instrument :
ECD_L
ClientSampleId :



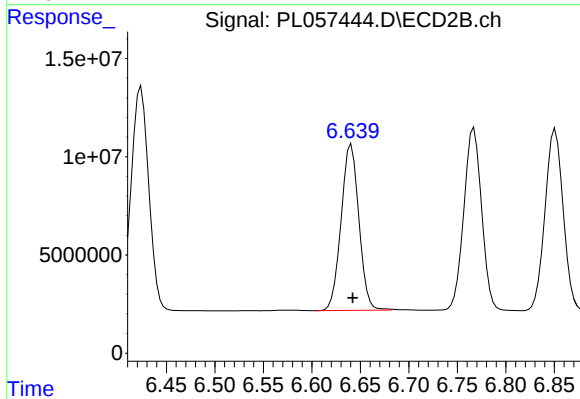
#13 Dieldrin

R.T.: 6.424 min
Delta R.T.: -0.001 min
Response: 145576322
Conc: 49.21 ng/ml



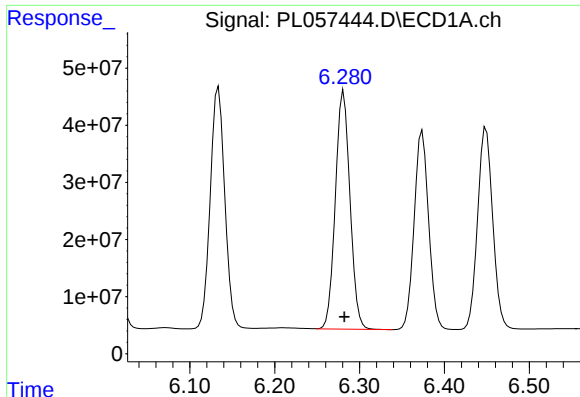
#14 Endrin

R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 493785375
Conc: 43.20 ng/ml



#14 Endrin

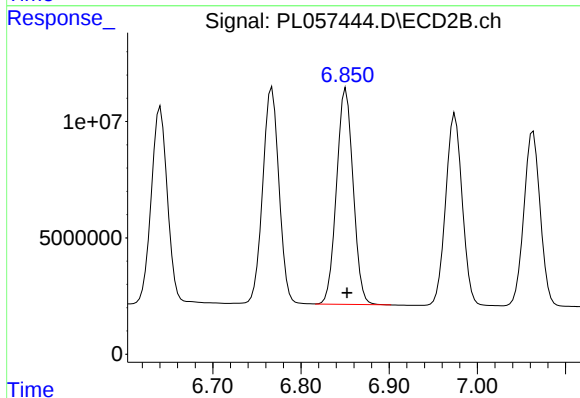
R.T.: 6.641 min
Delta R.T.: -0.002 min
Response: 107734340
Conc: 44.65 ng/ml



#15 Endosulfan II

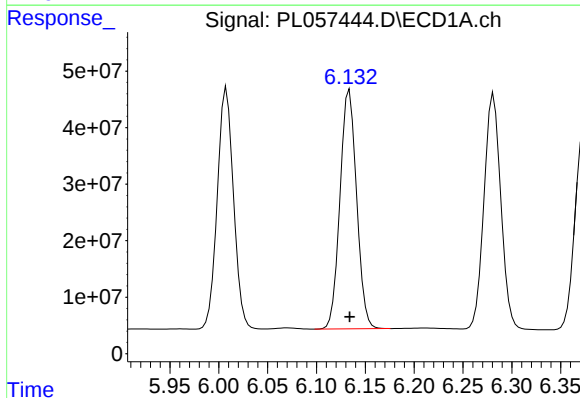
R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 499794492
Conc: 46.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



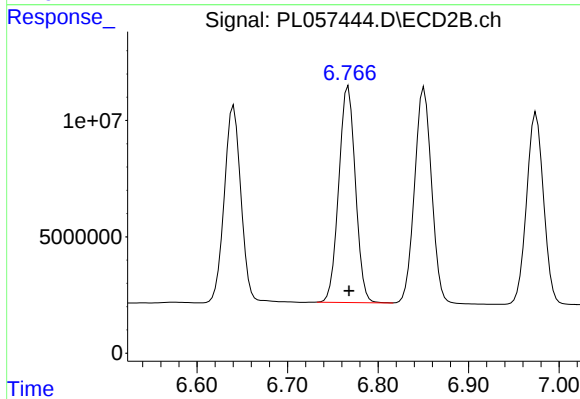
#15 Endosulfan II

R.T.: 6.851 min
Delta R.T.: -0.001 min
Response: 121318190
Conc: 46.18 ng/ml



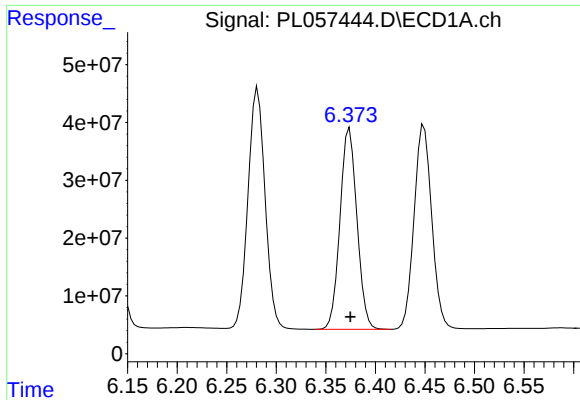
#16 4,4'-DDD

R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 501264118
Conc: 51.14 ng/ml



#16 4,4'-DDD

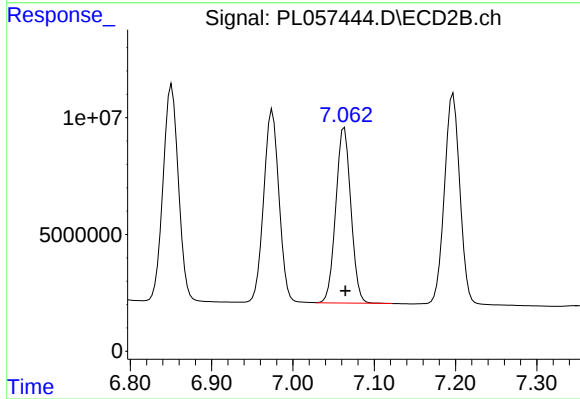
R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 118633048
Conc: 51.95 ng/ml



#17 4,4'-DDT

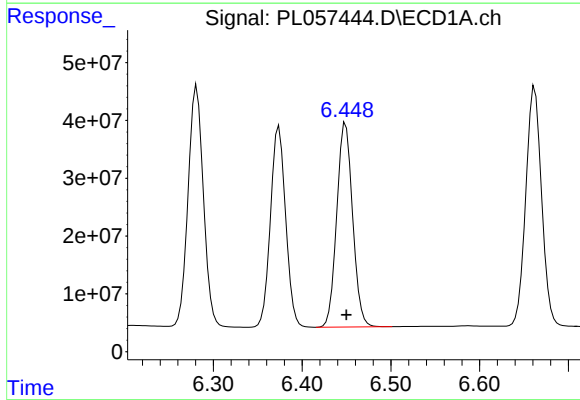
R.T.: 6.374 min
Delta R.T.: -0.001 min
Response: 413861205
Conc: 41.50 ng/ml

Instrument :
ECD_L
ClientSampleId :



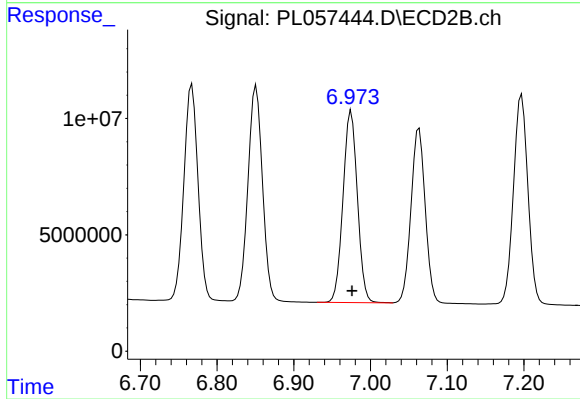
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: -0.001 min
Response: 97055374
Conc: 42.61 ng/ml



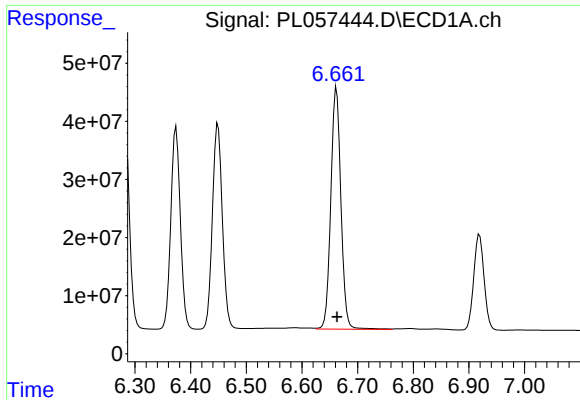
#18 Endrin aldehyde

R.T.: 6.449 min
Delta R.T.: 0.000 min
Response: 438121124
Conc: 47.44 ng/ml



#18 Endrin aldehyde

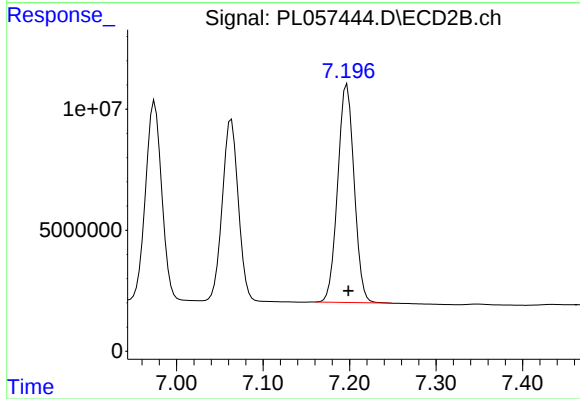
R.T.: 6.975 min
Delta R.T.: -0.001 min
Response: 107741817
Conc: 48.47 ng/ml



#19 Endosulfan Sulfate

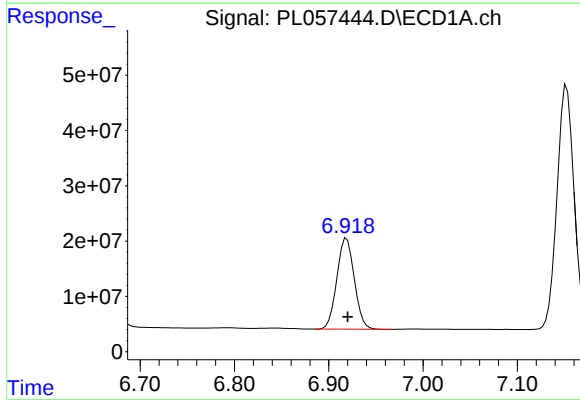
R.T.: 6.662 min
Delta R.T.: 0.000 min
Response: 525328085
Conc: 52.31 ng/ml

Instrument :
ECD_L
ClientSampleId :



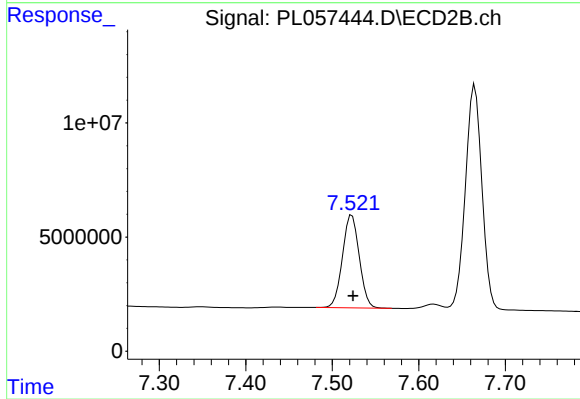
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: -0.002 min
Response: 118271156
Conc: 48.49 ng/ml



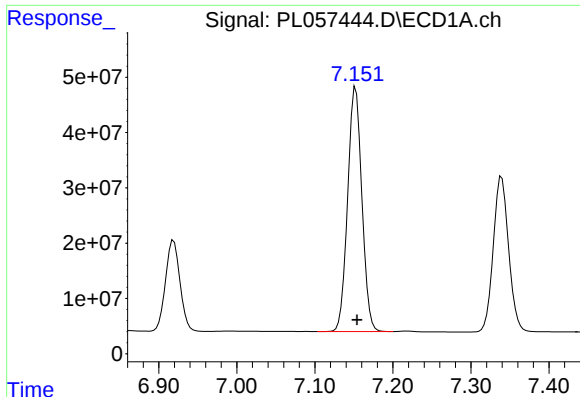
#20 Methoxychlor

R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 211486735
Conc: 39.41 ng/ml



#20 Methoxychlor

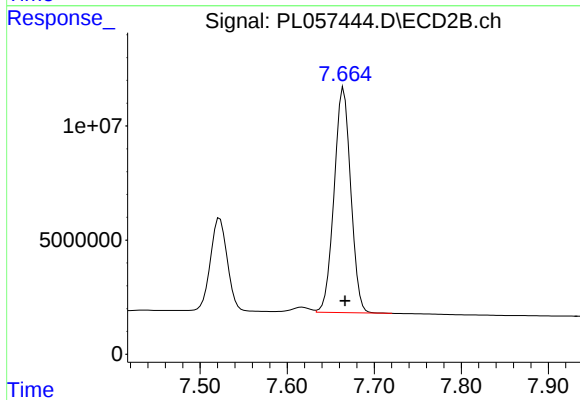
R.T.: 7.523 min
Delta R.T.: -0.001 min
Response: 54586321
Conc: 41.97 ng/ml



#21 Endrin ketone

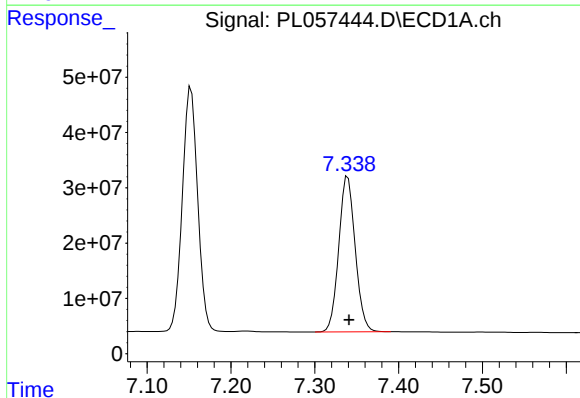
R.T.: 7.152 min
Delta R.T.: -0.002 min
Response: 560638119
Conc: 49.60 ng/ml

Instrument :
ECD_L
ClientSampleId :



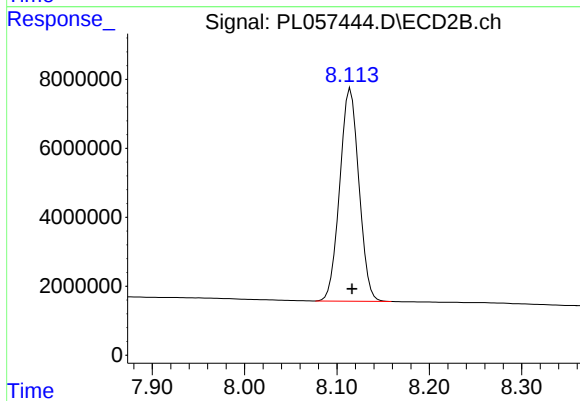
#21 Endrin ketone

R.T.: 7.665 min
Delta R.T.: -0.001 min
Response: 130785579
Conc: 50.52 ng/ml



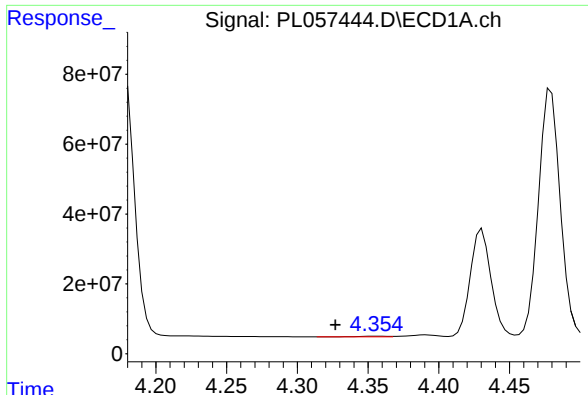
#22 Mirex

R.T.: 7.339 min
Delta R.T.: -0.002 min
Response: 382916411
Conc: 47.28 ng/ml



#22 Mirex

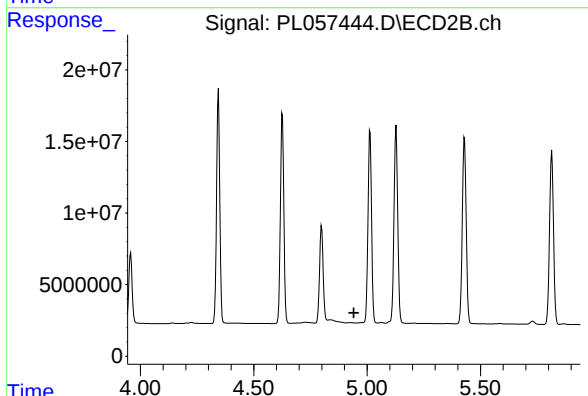
R.T.: 8.115 min
Delta R.T.: -0.002 min
Response: 89093293
Conc: 46.66 ng/ml



#23 Chlordane-1

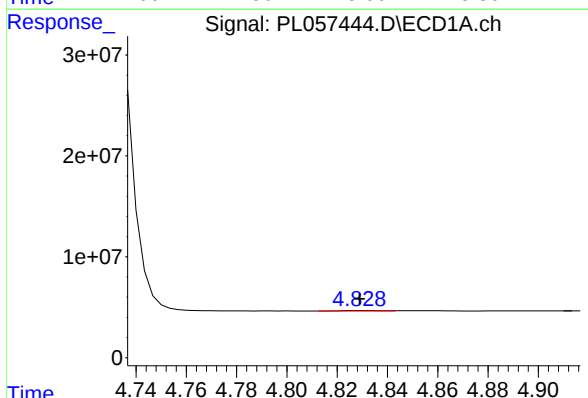
R.T.: 4.356 min
Delta R.T.: 0.029 min
Response: 2590059
Conc: 7.98 ng/ml

Instrument :
ECD_L
ClientSampleId :



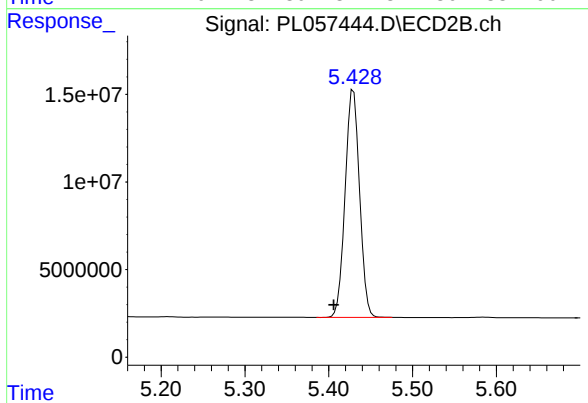
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.941 min
Response: 0
Conc: N.D.



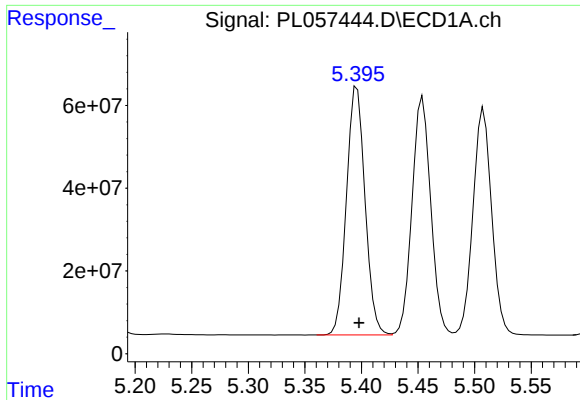
#24 Chlordane-2

R.T.: 4.829 min
Delta R.T.: 0.000 min
Response: 545005
Conc: 1.50 ng/ml



#24 Chlordane-2

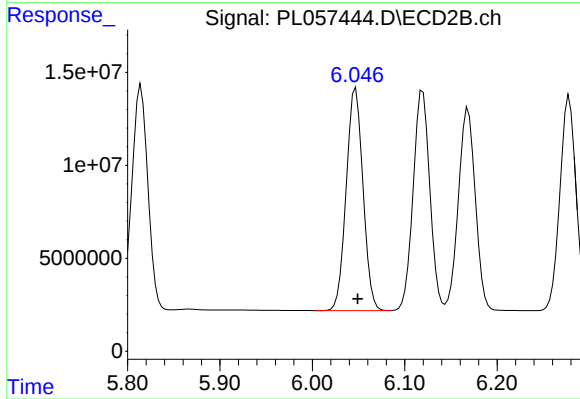
R.T.: 5.429 min
Delta R.T.: 0.023 min
Response: 155775090
Conc: 1652.94 ng/ml



#25 Chlordane-3

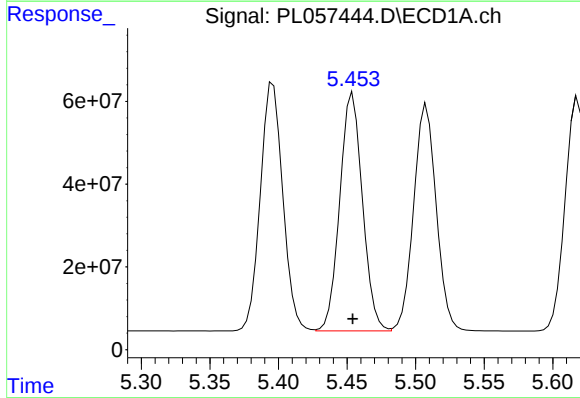
R.T.: 5.396 min
Delta R.T.: -0.002 min
Response: 684877478
Conc: 607.33 ng/ml

Instrument :
ECD_L
ClientSampleId :



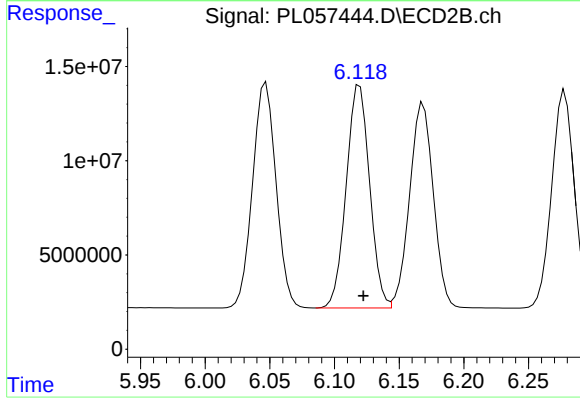
#25 Chlordane-3

R.T.: 6.047 min
Delta R.T.: -0.002 min
Response: 151032372
Conc: 398.29 ng/ml



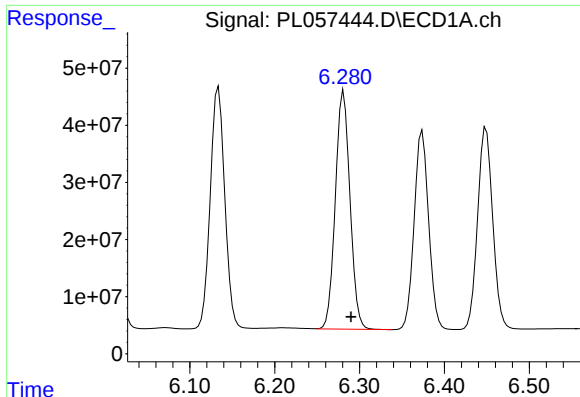
#26 Chlordane-4

R.T.: 5.454 min
Delta R.T.: 0.000 min
Response: 663183641
Conc: 691.77 ng/ml



#26 Chlordane-4

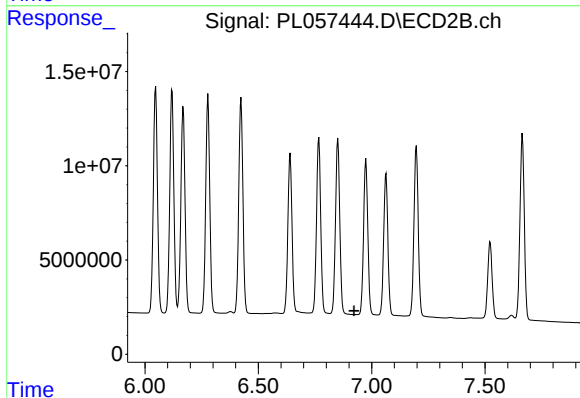
R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 148813946
Conc: 325.14 ng/ml



#27 Chlordane-5

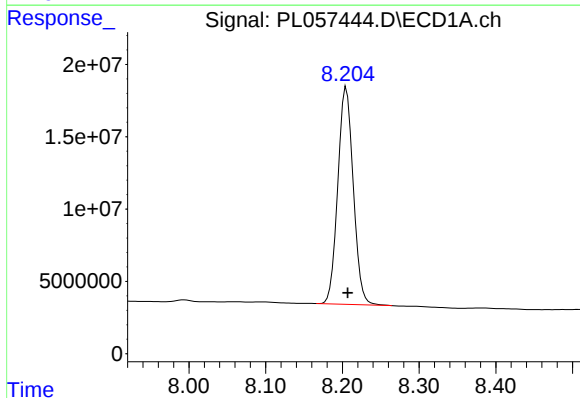
R.T.: 6.281 min
Delta R.T.: -0.009 min
Response: 499794492
Conc: 1373.60 ng/ml

Instrument :
ECD_L
ClientSampleId :



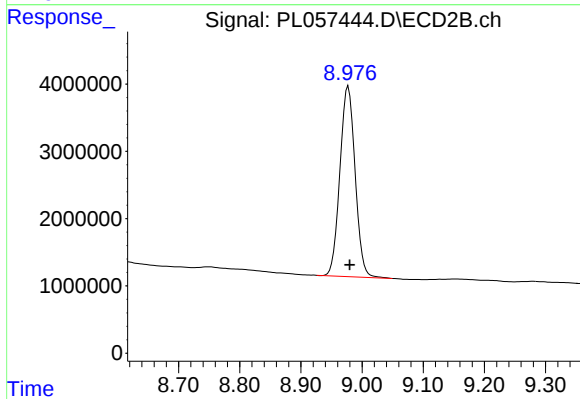
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.922 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.205 min
Delta R.T.: -0.002 min
Response: 210621687
Conc: 19.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.978 min
Delta R.T.: -0.003 min
Response: 48892000
Conc: 22.05 ng/ml