

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042120\
 Data File : PL058278.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2020 01:47
 Operator : AJ\MA
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 01:57:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040320.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 04 06:41:11 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...	3.456	3.955	511.3E6	105.5E6	50.720	48.596
28)	SA Decachlor...	8.203	8.978	515.4E6	101.8E6	49.994	45.556
Target Compounds							
2)	A alpha-BHC	3.893	4.343	883.9E6	168.3E6	50.881	51.254
3)	MA gamma-BHC...	4.176	4.625	827.6E6	168.0E6	56.934	51.714
4)	MA Heptachlor	4.477	5.127	813.9E6	167.6E6	50.774	49.938
5)	MB Aldrin	4.724	5.428	801.4E6	168.9E6	54.428	52.144
6)	B beta-BHC	4.429	4.798	336.4E6	73709794	53.267	53.082
7)	B delta-BHC	4.633	5.012	830.4E6	152.5E6	54.716	60.555
8)	B Heptachlo...	5.167	5.814	727.9E6	166.7E6	54.162	61.749
9)	A Endosulfan I	5.506	6.168	663.0E6	151.9E6	54.095	50.959
10)	B gamma-Chl...	5.394	6.047	731.7E6	166.2E6	53.873	51.285
11)	B alpha-Chl...	5.452	6.119	711.5E6	166.2E6	53.436	50.777
12)	B 4,4'-DDE	5.616	6.278	727.7E6	150.7E6	55.548	50.904
13)	MA Dieldrin	5.749	6.423	709.2E6	156.0E6	54.518	51.063
14)	MA Endrin	6.006	6.640	627.9E6	126.9E6	53.788	50.791
15)	B Endosulfa...	6.280	6.851	560.3E6	125.2E6	50.646	48.278
16)	A 4,4'-DDD	6.132	6.767	549.0E6	115.2E6	54.926	50.498
17)	MA 4,4'-DDT	6.372	7.063	526.2E6	105.4E6	51.845	47.325
18)	B Endrin al...	6.447	6.975	480.2E6	106.8E6	51.364	48.069
19)	B Endosulfa...	6.661	7.197	503.9E6	114.6E6	49.595	48.301
20)	A Methoxychlor	6.917	7.524	270.5E6	58706457	49.067	46.152
21)	B Endrin ke...	7.151	7.665	582.3E6	120.6E6	52.302	48.778
22)	Mirex	7.336	8.115	381.1E6	88001582	46.491	47.863
23)	Chlordane-1	4.325	0.000	4512298	0	12.200	N.D. #
24)	Chlordane-2	4.828	5.428f	22071287	168.9E6	54.670	1617.981 #
25)	Chlordane-3	5.394	6.047	731.7E6	166.2E6	598.443	384.027 #
26)	Chlordane-4	5.452	6.119	711.5E6	166.2E6	684.034	316.533 #
27)	Chlordane-5	6.280	0.000	560.3E6	0	1481.065	N.D. #

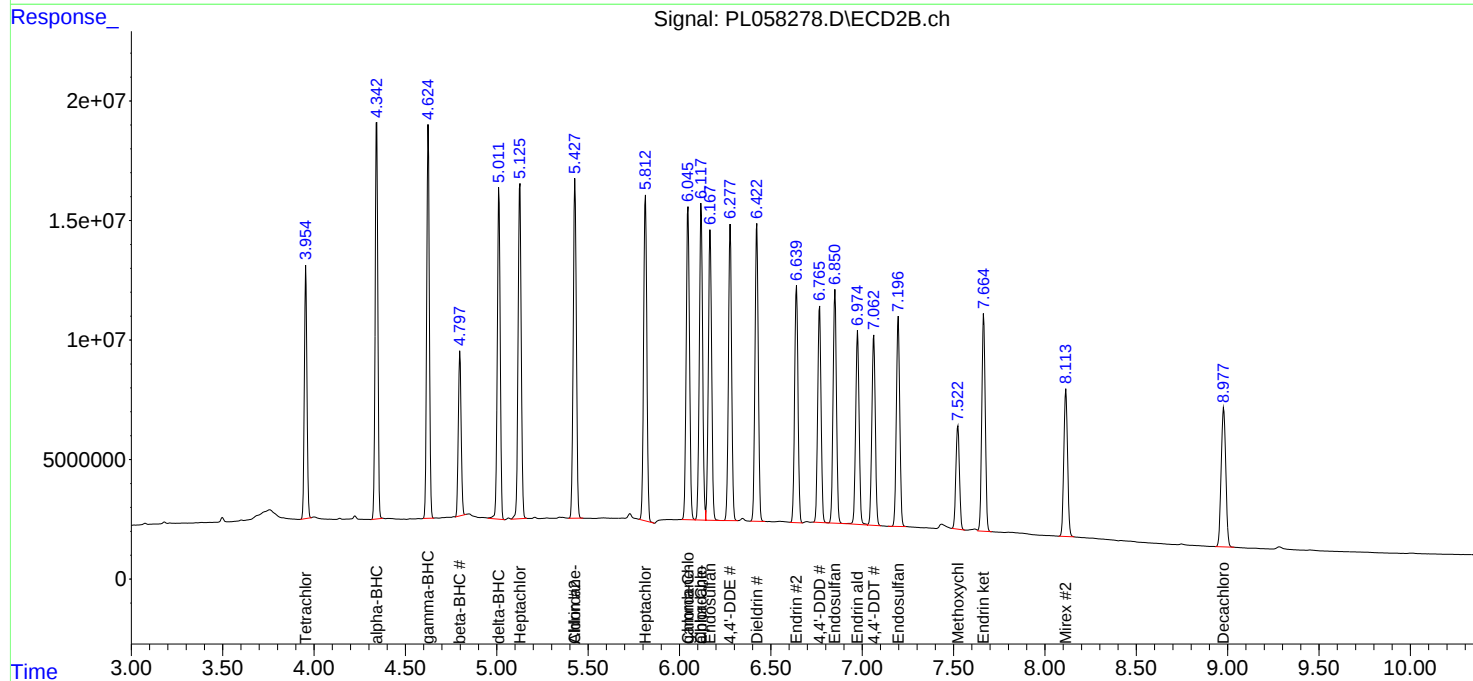
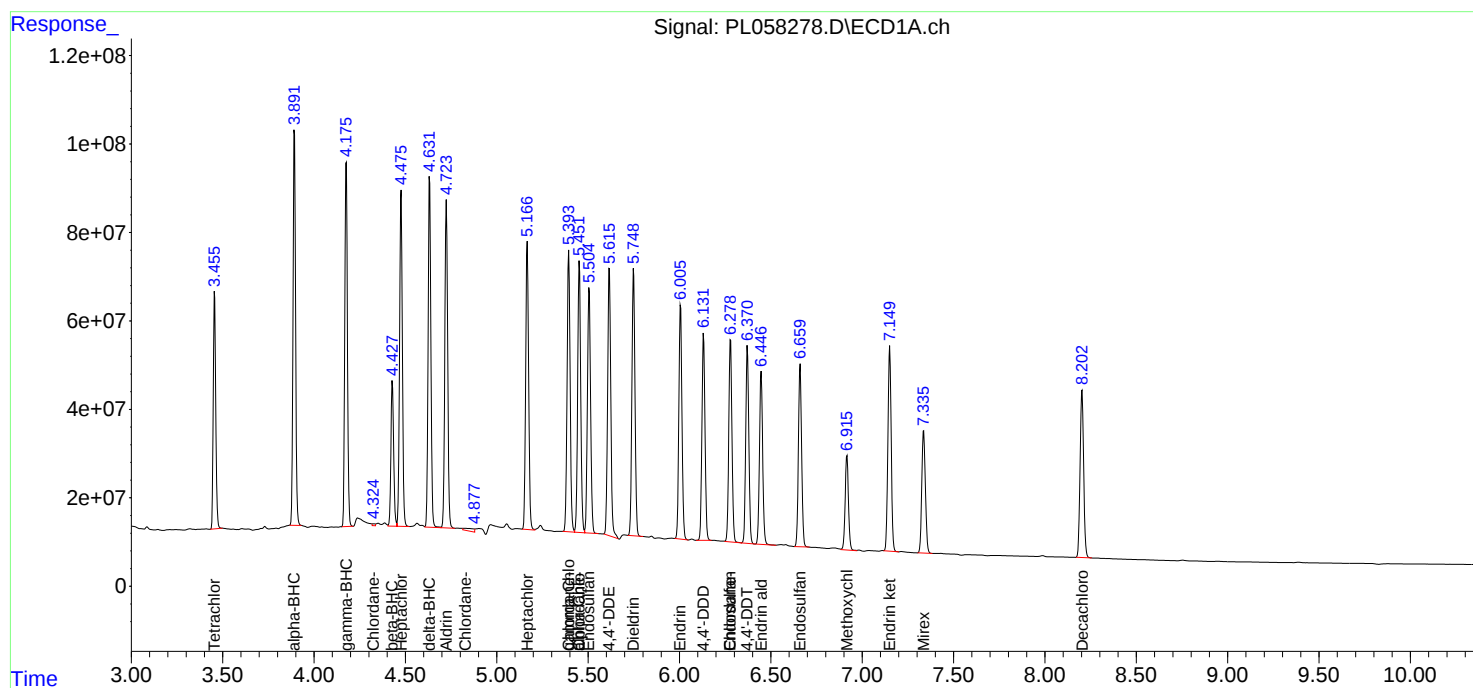
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

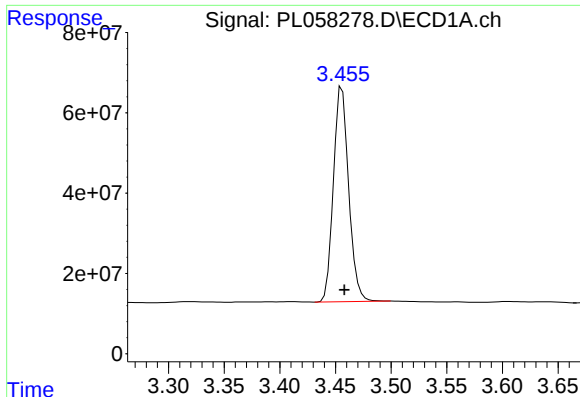
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

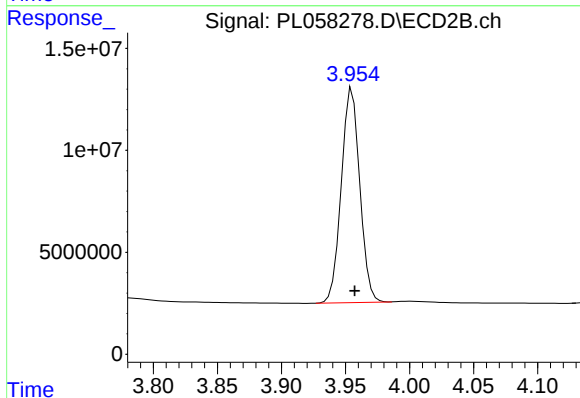




#1 Tetrachloro-m-xylene

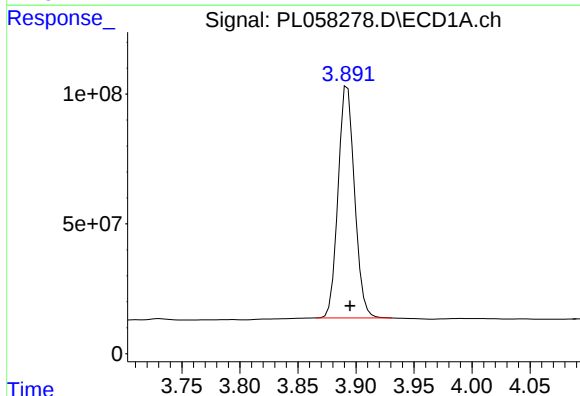
R.T.: 3.456 min
Delta R.T.: -0.002 min
Response: 511304868
Conc: 50.72 ng/ml

Instrument :
ECD_L
ClientSampleId :



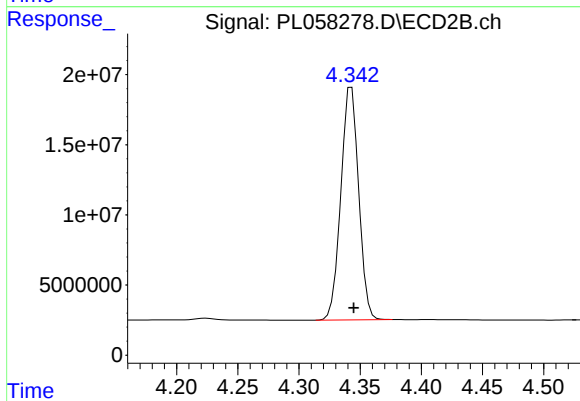
#1 Tetrachloro-m-xylene

R.T.: 3.955 min
Delta R.T.: -0.002 min
Response: 105461204
Conc: 48.60 ng/ml



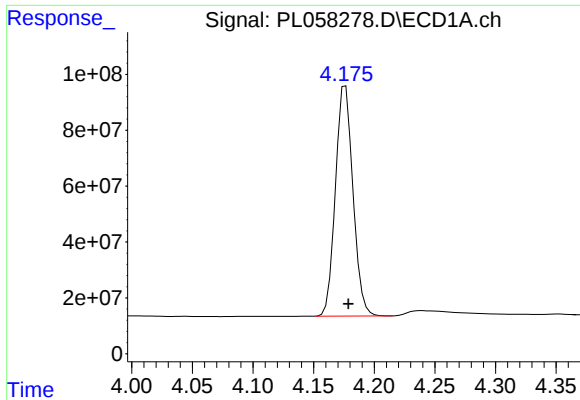
#2 alpha-BHC

R.T.: 3.893 min
Delta R.T.: -0.002 min
Response: 883903961
Conc: 50.88 ng/ml



#2 alpha-BHC

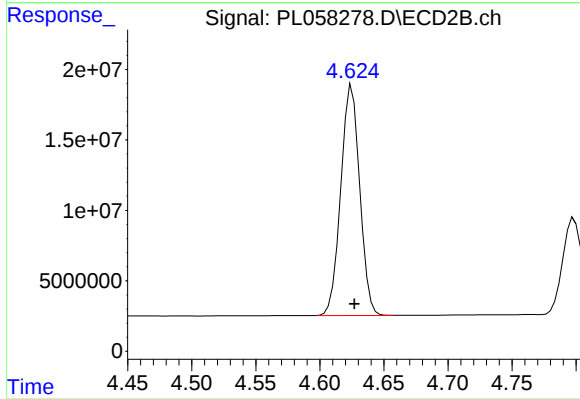
R.T.: 4.343 min
Delta R.T.: -0.002 min
Response: 168301739
Conc: 51.25 ng/ml



#3 gamma-BHC (Lindane)

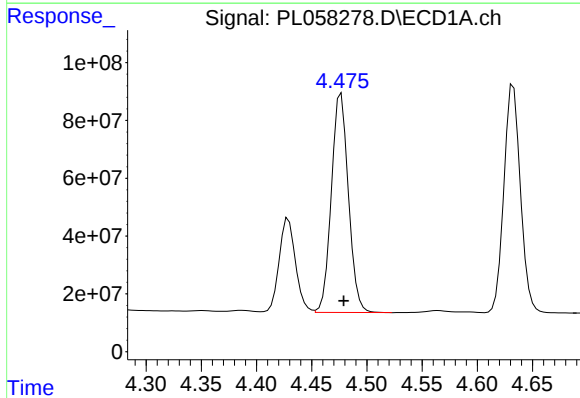
R.T.: 4.176 min
Delta R.T.: -0.002 min
Response: 827550383
Conc: 56.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



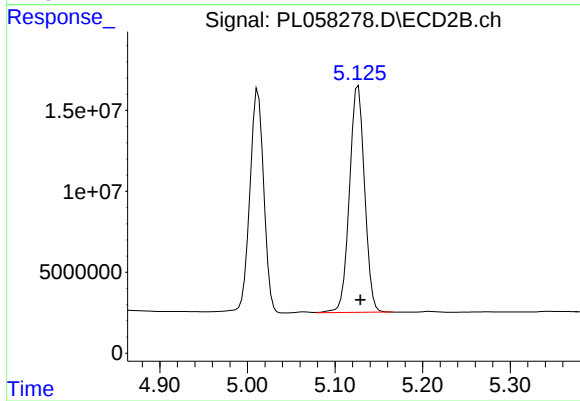
#3 gamma-BHC (Lindane)

R.T.: 4.625 min
Delta R.T.: -0.002 min
Response: 167995426
Conc: 51.71 ng/ml



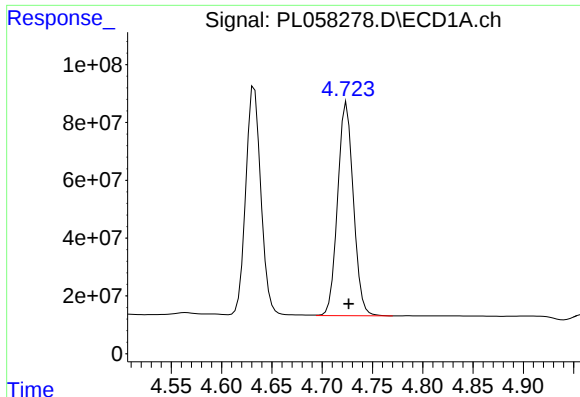
#4 Heptachlor

R.T.: 4.477 min
Delta R.T.: -0.002 min
Response: 813924480
Conc: 50.77 ng/ml



#4 Heptachlor

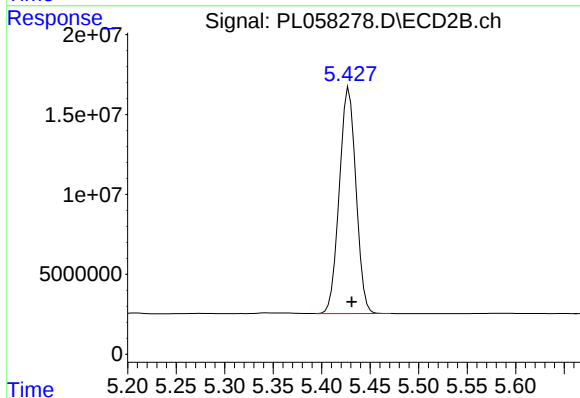
R.T.: 5.127 min
Delta R.T.: -0.002 min
Response: 167600930
Conc: 49.94 ng/ml



#5 Aldrin

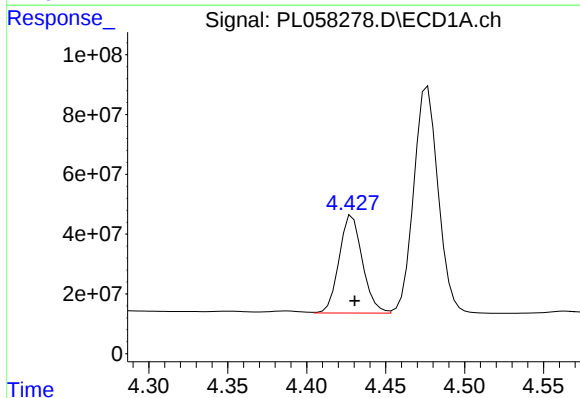
R.T.: 4.724 min
Delta R.T.: -0.002 min
Response: 801445855
Conc: 54.43 ng/ml

Instrument :
ECD_L
ClientSampleId :



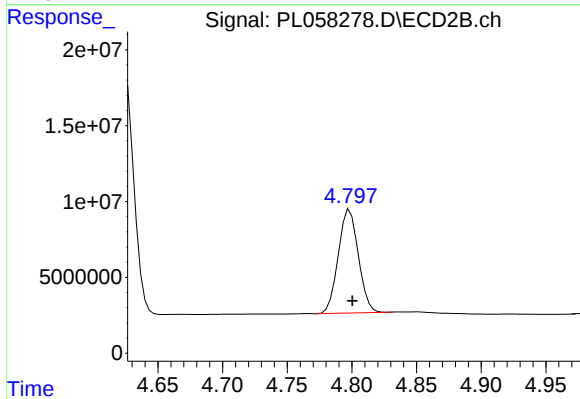
#5 Aldrin

R.T.: 5.428 min
Delta R.T.: -0.003 min
Response: 168850323
Conc: 52.14 ng/ml



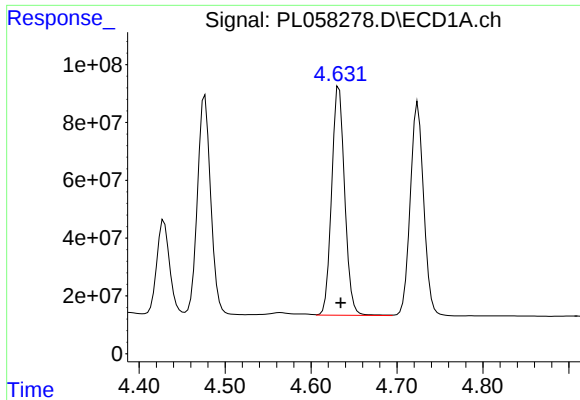
#6 beta-BHC

R.T.: 4.429 min
Delta R.T.: -0.002 min
Response: 336395657
Conc: 53.27 ng/ml



#6 beta-BHC

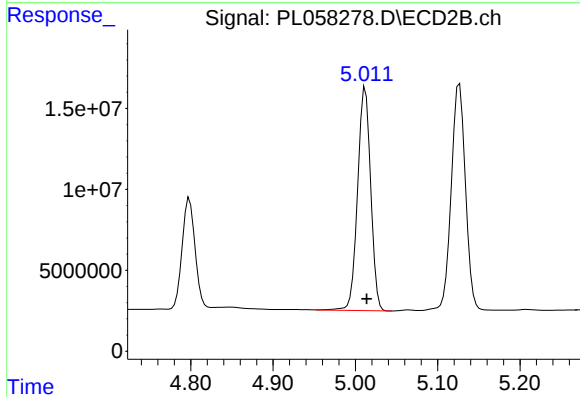
R.T.: 4.798 min
Delta R.T.: -0.002 min
Response: 73709794
Conc: 53.08 ng/ml



#7 delta-BHC

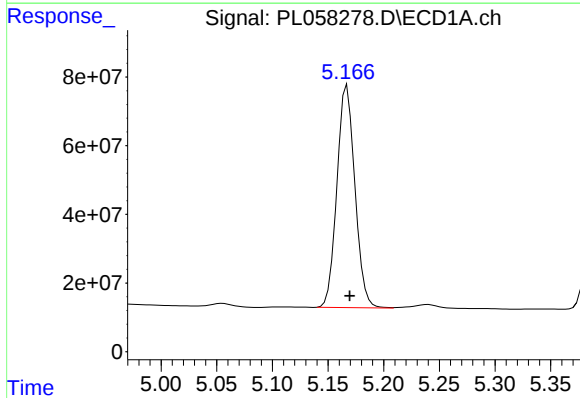
R.T.: 4.633 min
Delta R.T.: -0.002 min
Response: 830372696
Conc: 54.72 ng/ml

Instrument :
ECD_L
ClientSampleId :



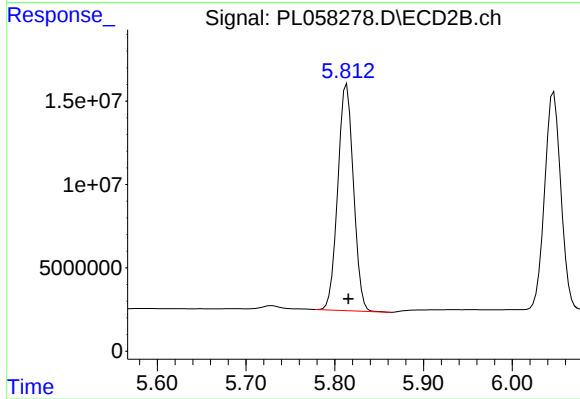
#7 delta-BHC

R.T.: 5.012 min
Delta R.T.: -0.002 min
Response: 152513676
Conc: 60.56 ng/ml



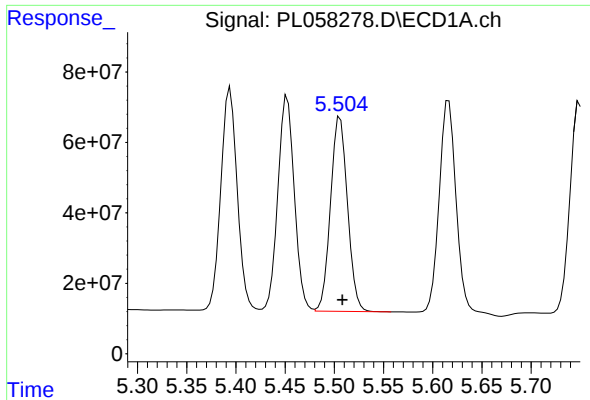
#8 Heptachlor epoxide

R.T.: 5.167 min
Delta R.T.: -0.002 min
Response: 727928317
Conc: 54.16 ng/ml



#8 Heptachlor epoxide

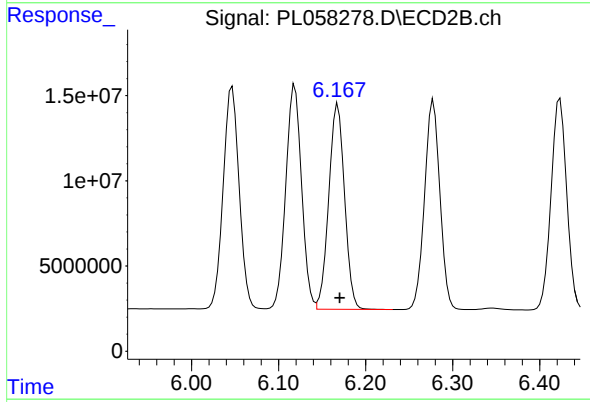
R.T.: 5.814 min
Delta R.T.: -0.002 min
Response: 166742552
Conc: 61.75 ng/ml



#9 Endosulfan I

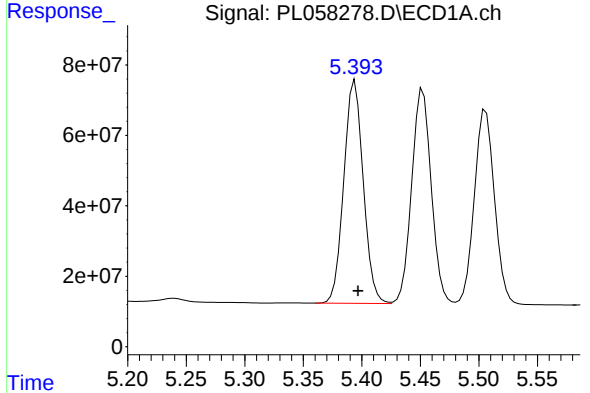
R.T.: 5.506 min
Delta R.T.: -0.002 min
Response: 663026539
Conc: 54.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



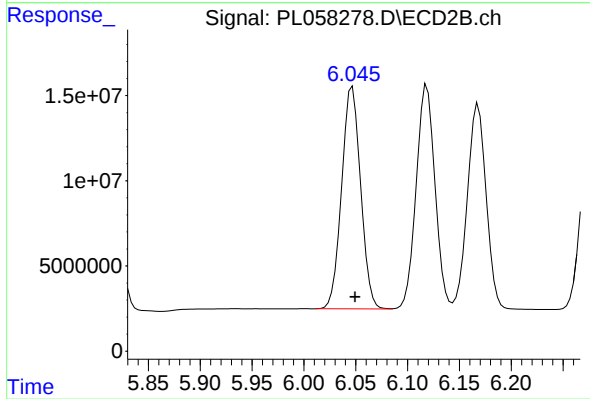
#9 Endosulfan I

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 151949026
Conc: 50.96 ng/ml



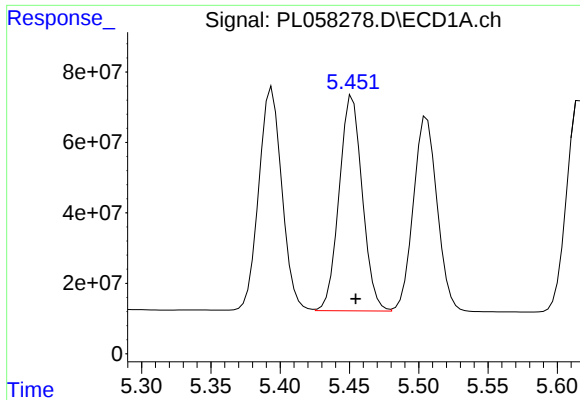
#10 gamma-Chlordane

R.T.: 5.394 min
Delta R.T.: -0.003 min
Response: 731665243
Conc: 53.87 ng/ml



#10 gamma-Chlordane

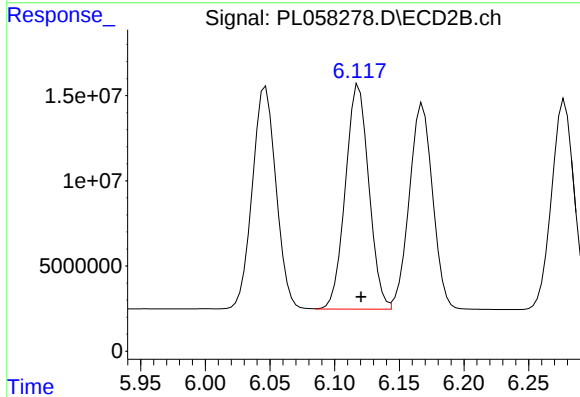
R.T.: 6.047 min
Delta R.T.: -0.003 min
Response: 166158228
Conc: 51.29 ng/ml



#11 alpha-Chlordane

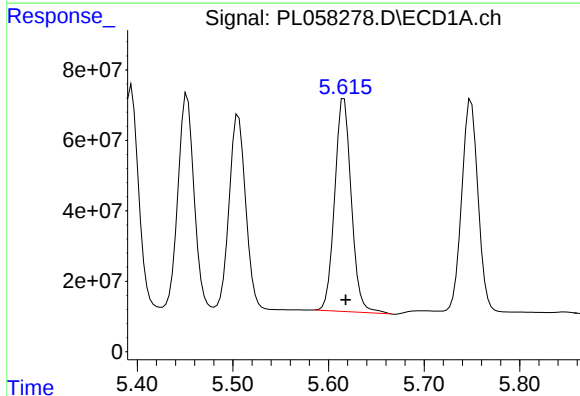
R.T.: 5.452 min
Delta R.T.: -0.002 min
Response: 711539091
Conc: 53.44 ng/ml

Instrument :
ECD_L
ClientSampleId :



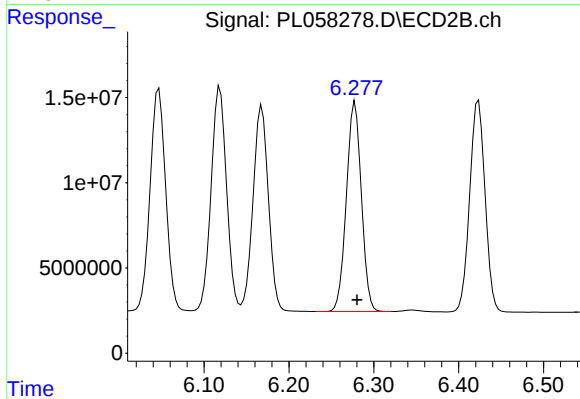
#11 alpha-Chlordane

R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 166159910
Conc: 50.78 ng/ml



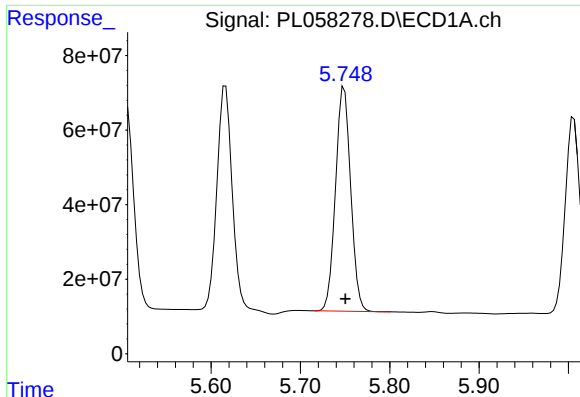
#12 4,4'-DDE

R.T.: 5.616 min
Delta R.T.: -0.002 min
Response: 727688809
Conc: 55.55 ng/ml



#12 4,4'-DDE

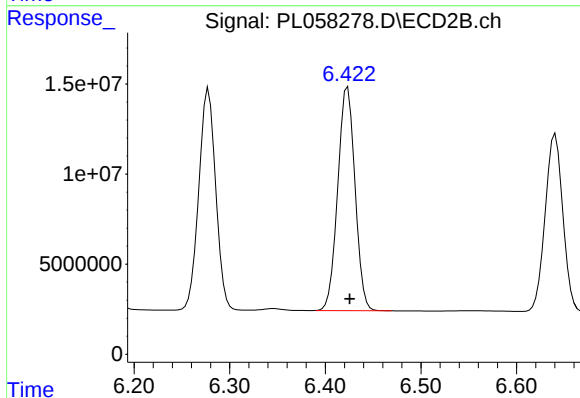
R.T.: 6.278 min
Delta R.T.: -0.002 min
Response: 150708706
Conc: 50.90 ng/ml



#13 Dieldrin

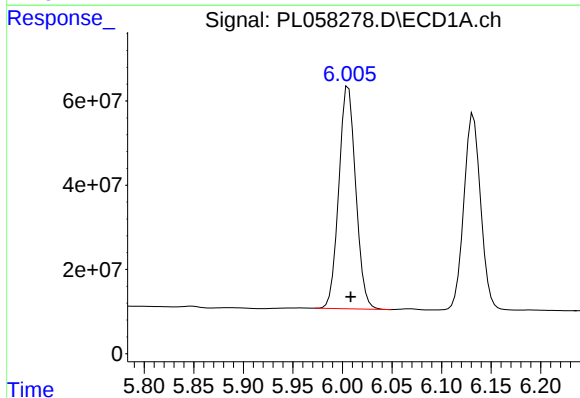
R.T.: 5.749 min
Delta R.T.: -0.002 min
Response: 709230682
Conc: 54.52 ng/ml

Instrument :
ECD_L
ClientSampleId :



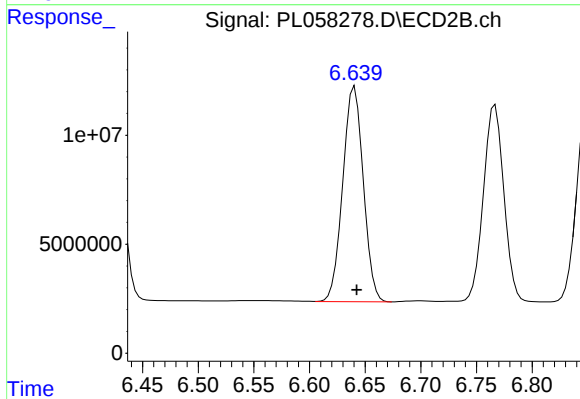
#13 Dieldrin

R.T.: 6.423 min
Delta R.T.: -0.002 min
Response: 156028628
Conc: 51.06 ng/ml



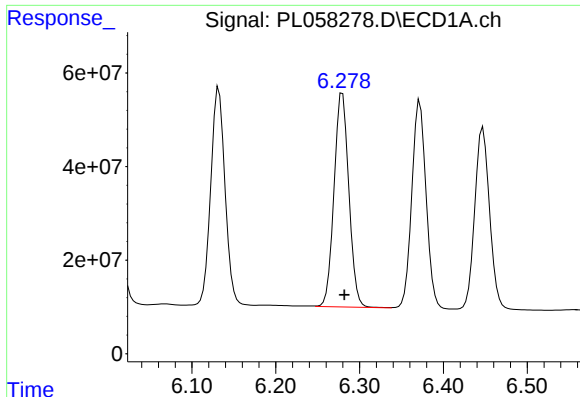
#14 Endrin

R.T.: 6.006 min
Delta R.T.: -0.002 min
Response: 627859722
Conc: 53.79 ng/ml



#14 Endrin

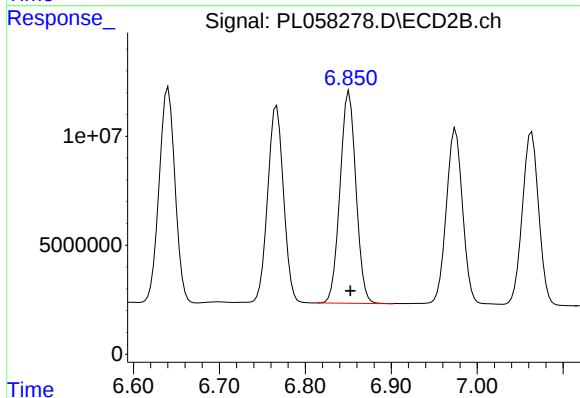
R.T.: 6.640 min
Delta R.T.: -0.002 min
Response: 126903753
Conc: 50.79 ng/ml



#15 Endosulfan II

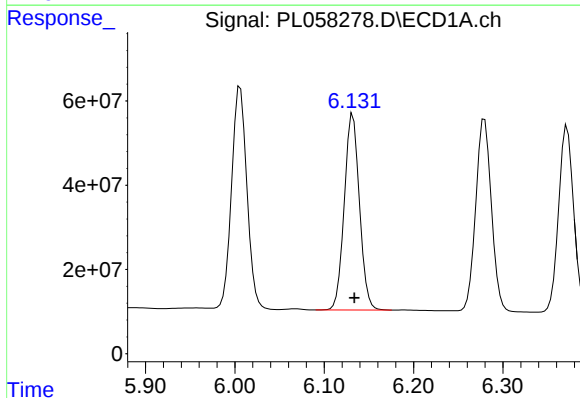
R.T.: 6.280 min
Delta R.T.: -0.002 min
Response: 560250287
Conc: 50.65 ng/ml

Instrument :
ECD_L
ClientSampleId :



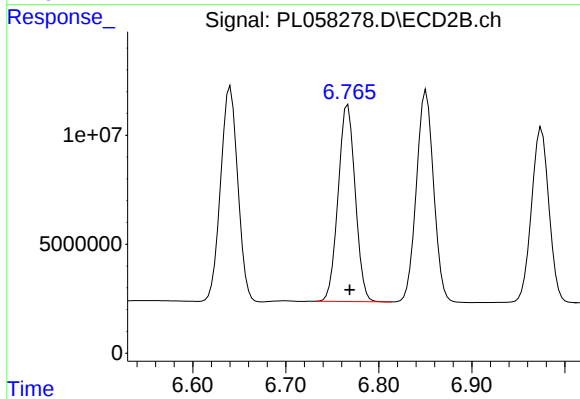
#15 Endosulfan II

R.T.: 6.851 min
Delta R.T.: -0.001 min
Response: 125214347
Conc: 48.28 ng/ml



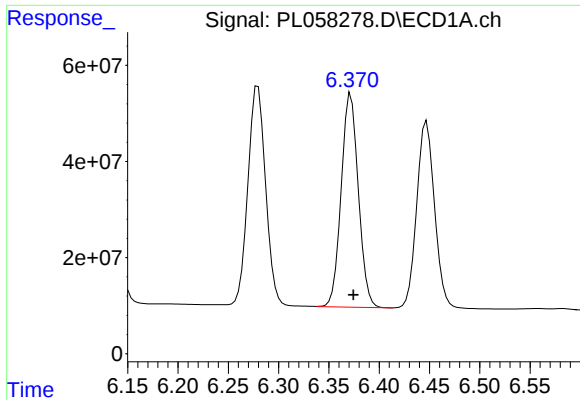
#16 4,4'-DDD

R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 548962268
Conc: 54.93 ng/ml



#16 4,4'-DDD

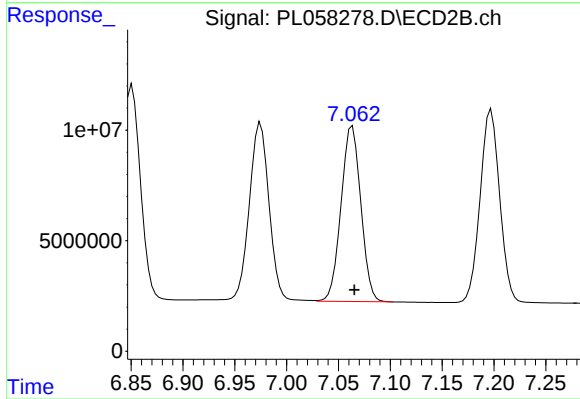
R.T.: 6.767 min
Delta R.T.: -0.002 min
Response: 115246311
Conc: 50.50 ng/ml



#17 4,4'-DDT

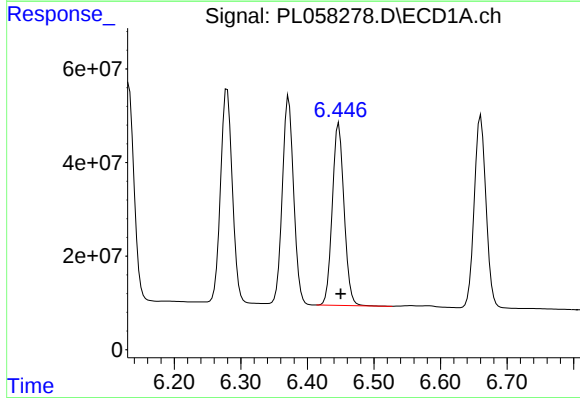
R.T.: 6.372 min
Delta R.T.: -0.002 min
Response: 526201725
Conc: 51.85 ng/ml

Instrument :
ECD_L
ClientSampleId :



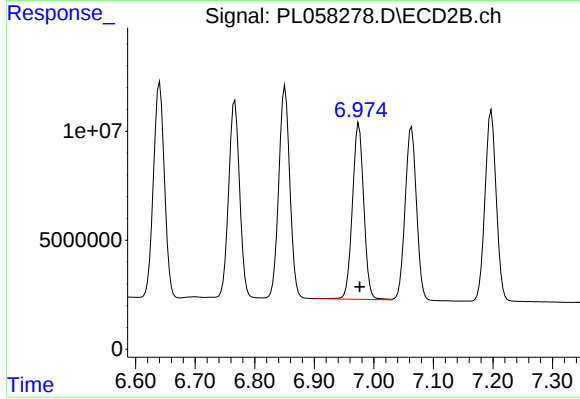
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: -0.002 min
Response: 105411250
Conc: 47.33 ng/ml



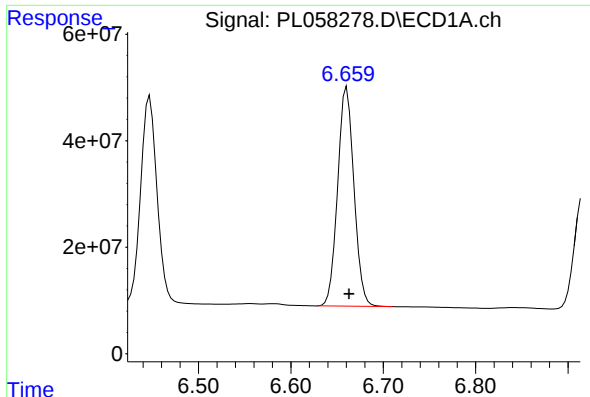
#18 Endrin aldehyde

R.T.: 6.447 min
Delta R.T.: -0.003 min
Response: 480230375
Conc: 51.36 ng/ml



#18 Endrin aldehyde

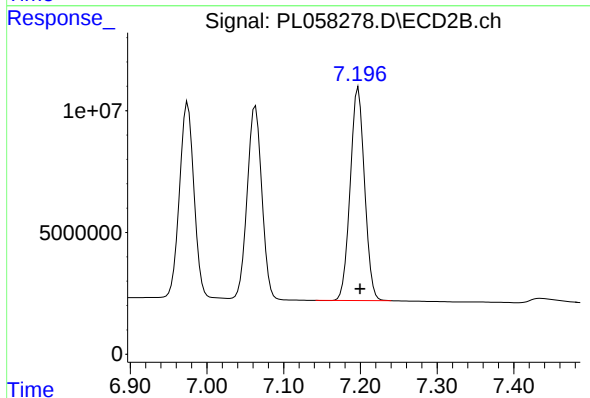
R.T.: 6.975 min
Delta R.T.: -0.002 min
Response: 106791068
Conc: 48.07 ng/ml



#19 Endosulfan Sulfate

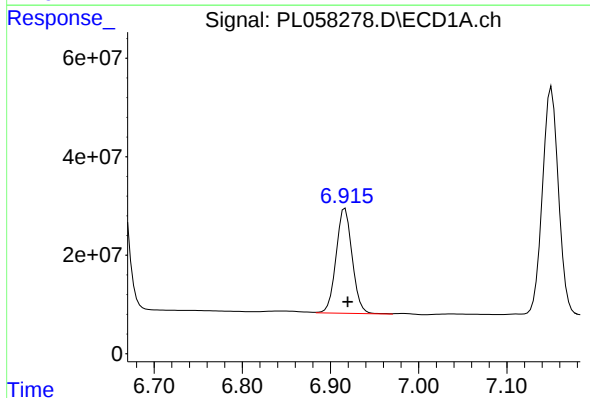
R.T.: 6.661 min
Delta R.T.: -0.002 min
Response: 503868811
Conc: 49.59 ng/ml

Instrument :
ECD_L
ClientSampleId :



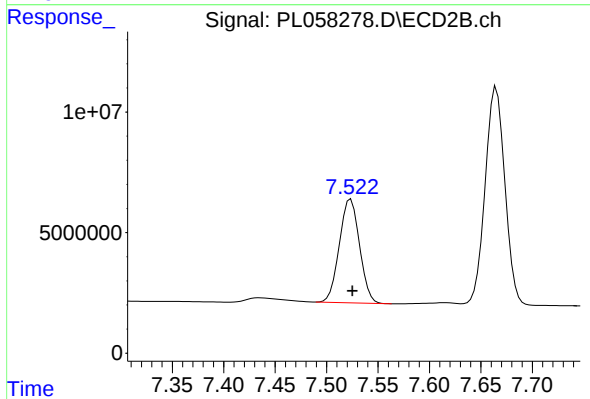
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: -0.002 min
Response: 114619801
Conc: 48.30 ng/ml



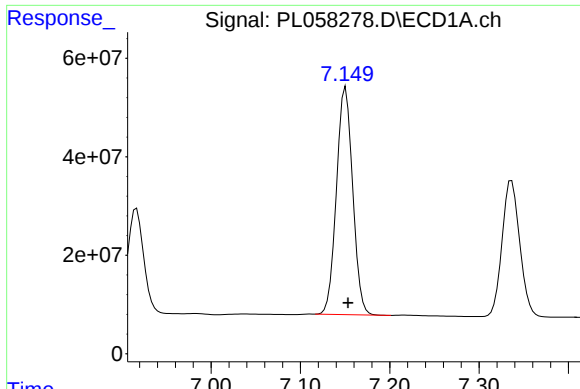
#20 Methoxychlor

R.T.: 6.917 min
Delta R.T.: -0.003 min
Response: 270488872
Conc: 49.07 ng/ml



#20 Methoxychlor

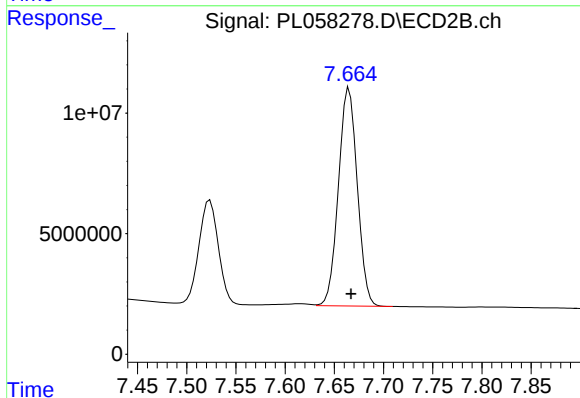
R.T.: 7.524 min
Delta R.T.: -0.002 min
Response: 58706457
Conc: 46.15 ng/ml



#21 Endrin ketone

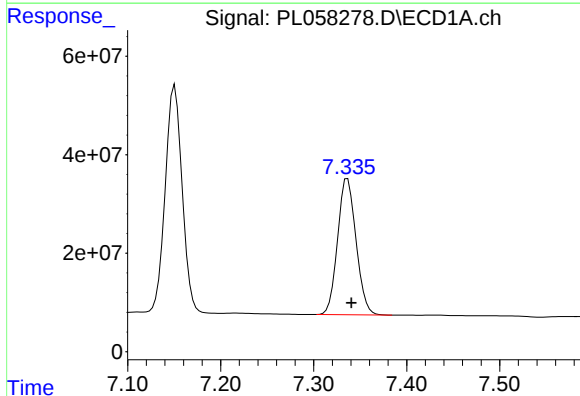
R.T.: 7.151 min
Delta R.T.: -0.003 min
Response: 582260979
Conc: 52.30 ng/ml

Instrument :
ECD_L
ClientSampleId :



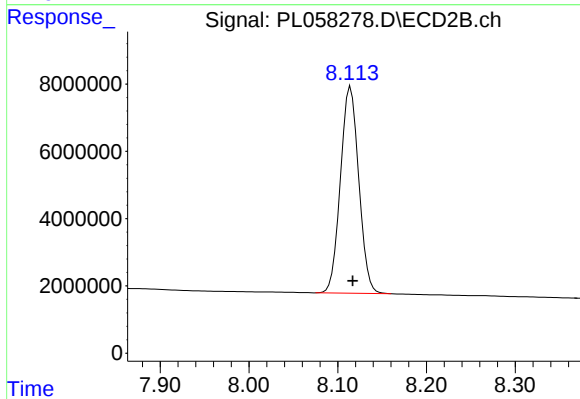
#21 Endrin ketone

R.T.: 7.665 min
Delta R.T.: -0.002 min
Response: 120579148
Conc: 48.78 ng/ml



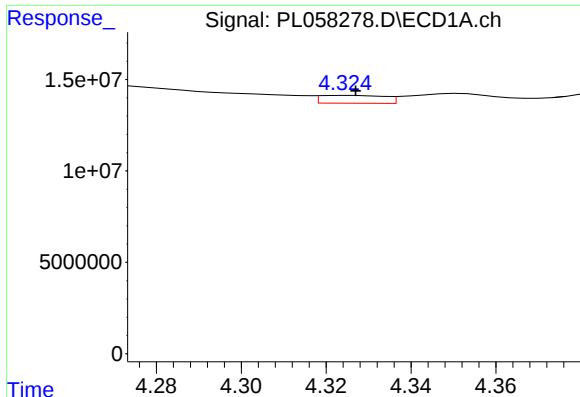
#22 Mirex

R.T.: 7.336 min
Delta R.T.: -0.004 min
Response: 381094412
Conc: 46.49 ng/ml



#22 Mirex

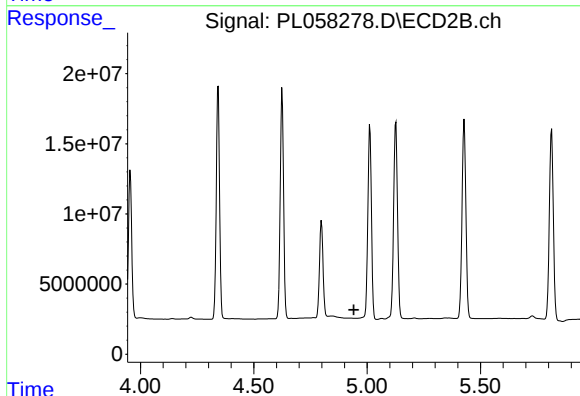
R.T.: 8.115 min
Delta R.T.: -0.002 min
Response: 88001582
Conc: 47.86 ng/ml



#23 Chlordane-1

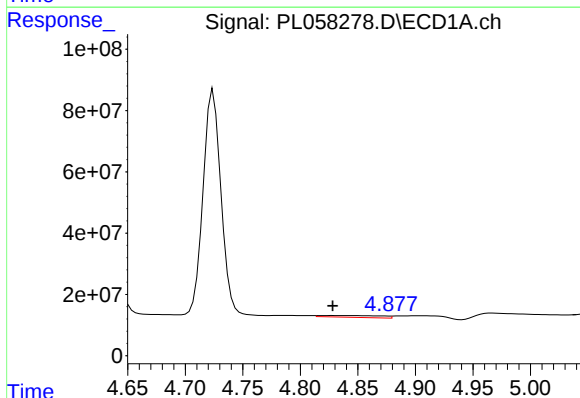
R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 4512298
Conc: 12.20 ng/ml

Instrument :
ECD_L
ClientSampleId :



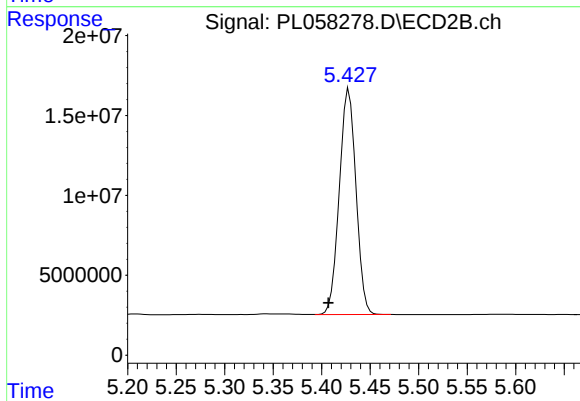
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.942 min
Response: 0
Conc: N.D.



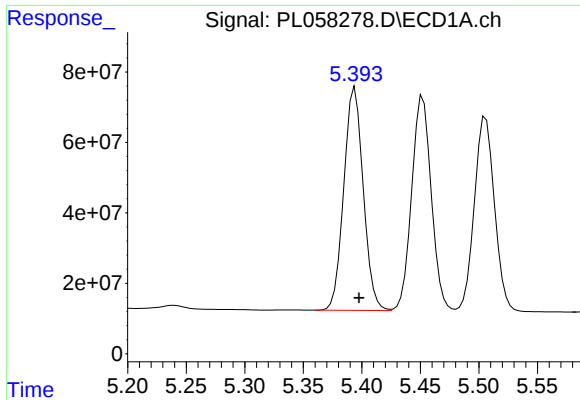
#24 Chlordane-2

R.T.: 4.828 min
Delta R.T.: 0.000 min
Response: 22071287
Conc: 54.67 ng/ml



#24 Chlordane-2

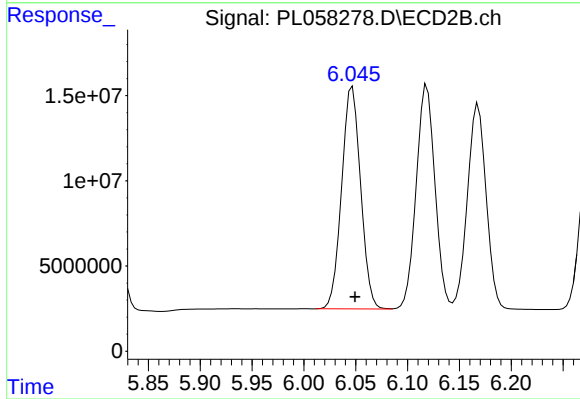
R.T.: 5.428 min
Delta R.T.: 0.021 min
Response: 168850323
Conc: 1617.98 ng/ml



#25 Chlordane-3

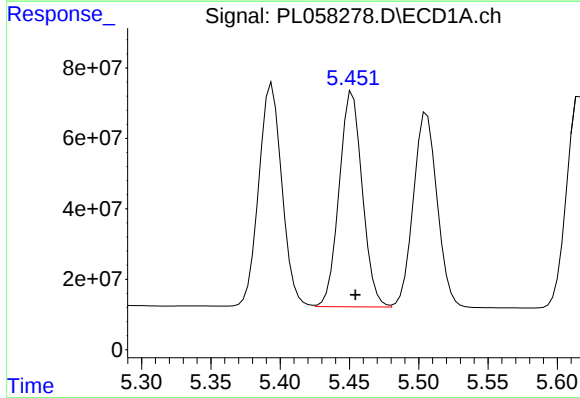
R.T.: 5.394 min
Delta R.T.: -0.003 min
Response: 731665243
Conc: 598.44 ng/ml

Instrument :
ECD_L
ClientSampleId :



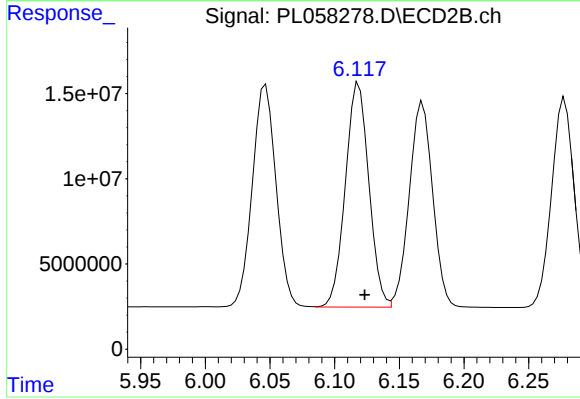
#25 Chlordane-3

R.T.: 6.047 min
Delta R.T.: -0.003 min
Response: 166158228
Conc: 384.03 ng/ml



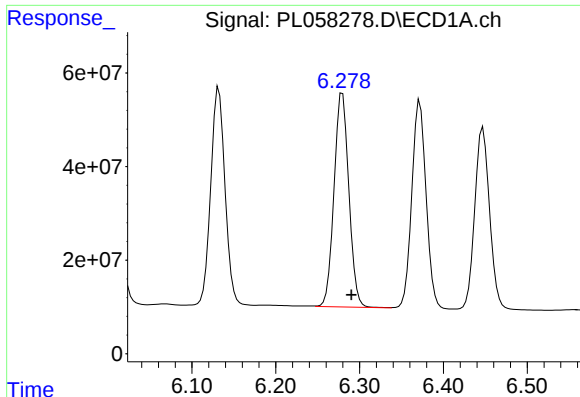
#26 Chlordane-4

R.T.: 5.452 min
Delta R.T.: -0.002 min
Response: 711539091
Conc: 684.03 ng/ml



#26 Chlordane-4

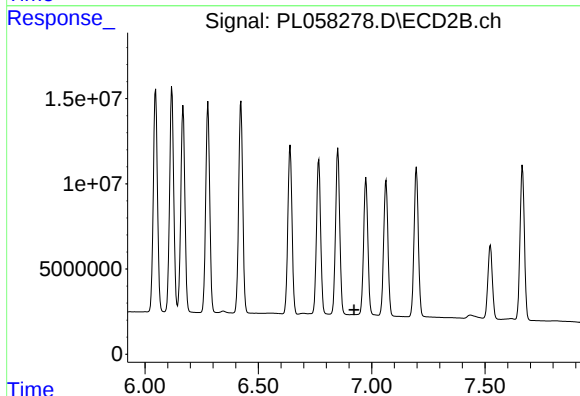
R.T.: 6.119 min
Delta R.T.: -0.005 min
Response: 166159910
Conc: 316.53 ng/ml



#27 Chlordane-5

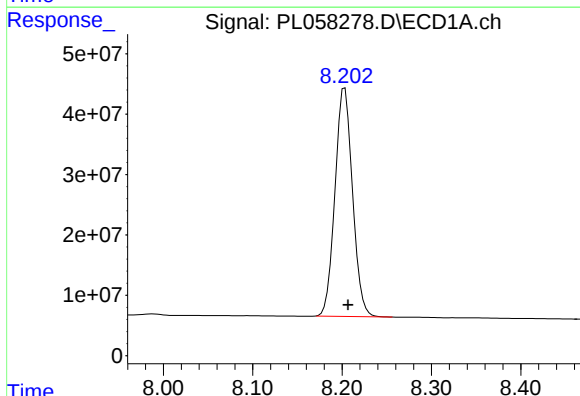
R.T.: 6.280 min
Delta R.T.: -0.011 min
Response: 560250287
Conc: 1481.07 ng/ml

Instrument :
ECD_L
ClientSampleId :



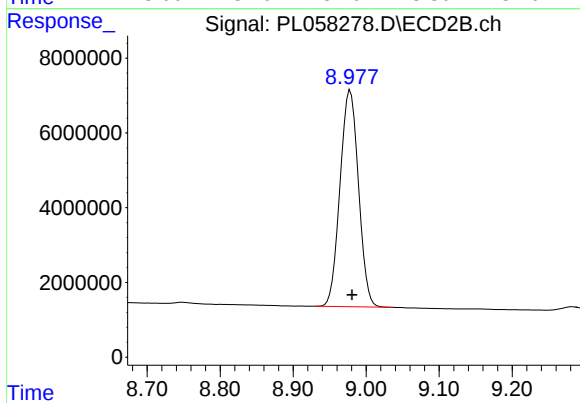
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.203 min
Delta R.T.: -0.004 min
Response: 515362995
Conc: 49.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.978 min
Delta R.T.: -0.003 min
Response: 101761573
Conc: 45.56 ng/ml