

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090921\
 Data File : PD065631.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2021 10:24
 Operator : AR\AJ
 Sample : PEST/SPIK 500PPB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 01:33:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 09 15:08:21 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	0.000	4.015	0	13757670	N.D.	1.877 #
Target Compounds							
2)	A alpha-BHC	3.938	4.408	744.7E6	5060.1E6	516.888	478.337
3)	MA gamma-BHC...	4.221	4.695	704.1E6	4578.6E6	487.812	464.640
4)	MA Heptachlor	4.519	5.199	694.9E6	3914.7E6	457.828	430.551
5)	MB Aldrin	4.767	5.504	690.2E6	3667.8E6	482.972	434.733
6)	B beta-BHC	4.469	4.871	284.0E6	1844.3E6	440.990	396.179
7)	B delta-BHC	4.674	5.088	729.7E6	4207.3E6	489.290	452.492
8)	B Heptachlo...	5.210	5.894	661.5E6	3108.9E6	453.528	431.663
9)	A Endosulfan I	5.549	6.252	637.9E6	3002.4E6	450.049	426.302
10)	B gamma-Chl...	5.435	6.127	706.6E6	3346.1E6	462.645	445.591
11)	B alpha-Chl...	5.494	6.200	686.2E6	3234.6E6	455.869	439.186
12)	B 4,4'-DDE	5.656	6.358	700.9E6	3292.6E6	491.531	455.732
13)	MA Dieldrin	5.792	6.510	720.3E6	3292.3E6	465.454	436.392
14)	MA Endrin	6.049	6.730	643.1E6	2713.5E6	467.682	454.885
15)	B Endosulfa...	6.321	6.943	613.9E6	2655.6E6	427.460	414.227
16)	A 4,4'-DDD	6.172	6.853	627.9E6	2745.4E6	492.555	439.791
17)	MA 4,4'-DDT	6.411	7.150	664.9E6	2842.8E6	483.040	466.706
18)	B Endrin al...	6.490	7.068	493.2E6	2135.8E6	390.998	390.926
19)	B Endosulfa...	6.702	7.290	645.5E6	2659.5E6	417.792	416.025
20)	A Methoxychlor	6.958	7.610	338.3E6	1274.9E6	403.398	391.678
21)	B Endrin ke...	7.196	7.764	799.4E6	3041.4E6	429.955	402.031
22)	Mirex	7.380	8.213	813.7E6	2769.1E6	519.037	523.543
24)	Chlordane-2	4.868	5.504f	519339	3667.8E6	9.997	13031.471 #
25)	Chlordane-3	5.435	6.127	706.6E6	3346.1E6	4718.843	3241.510 #
26)	Chlordane-4	5.494	6.200	686.2E6	3234.6E6	5539.055	2680.168 #
27)	Chlordane-5	6.321	0.000	613.9E6	0	10174.789	N.D. #

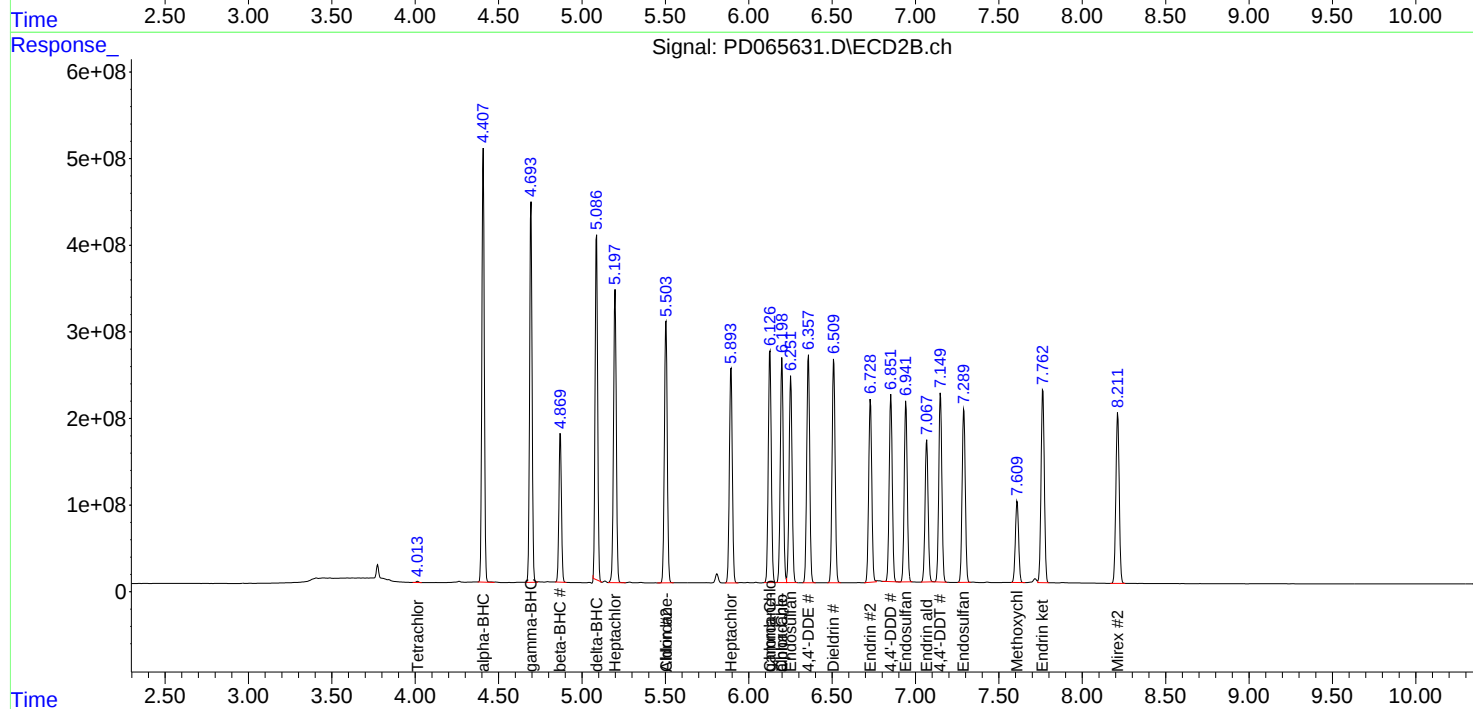
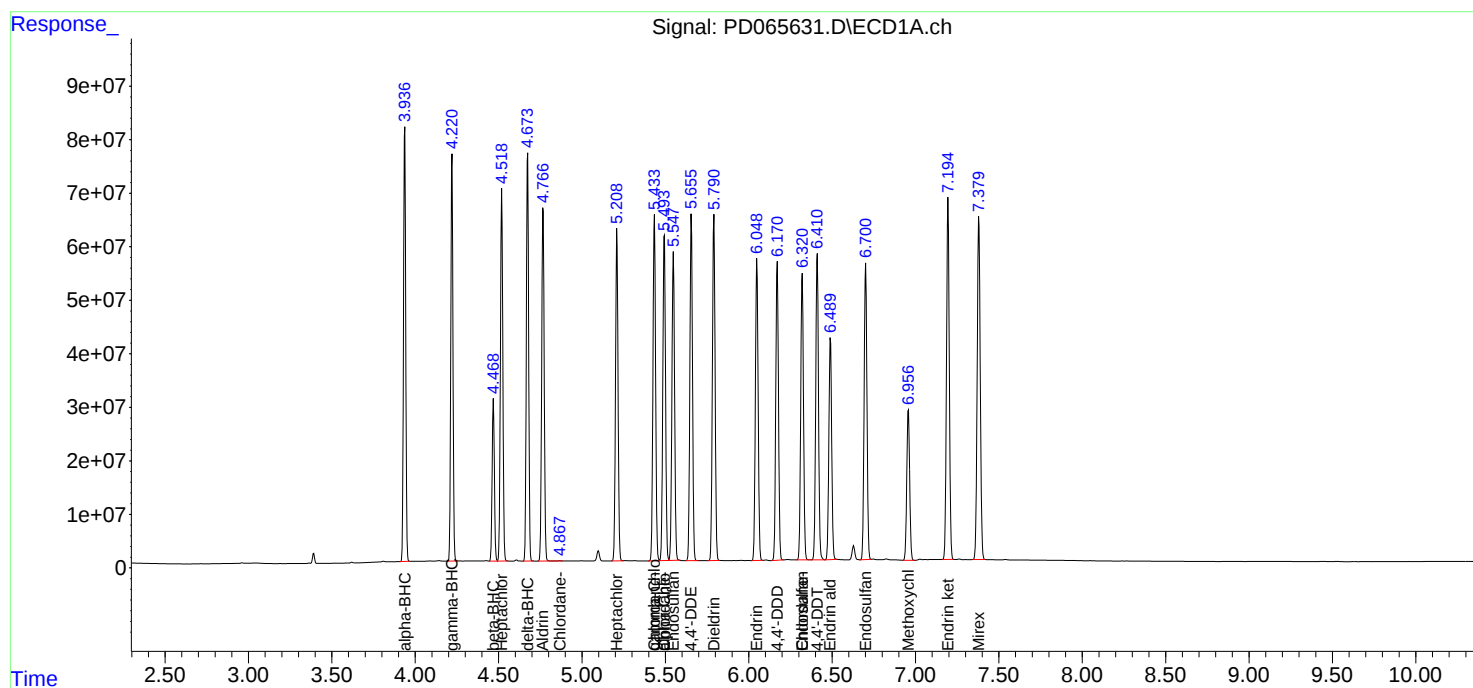
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

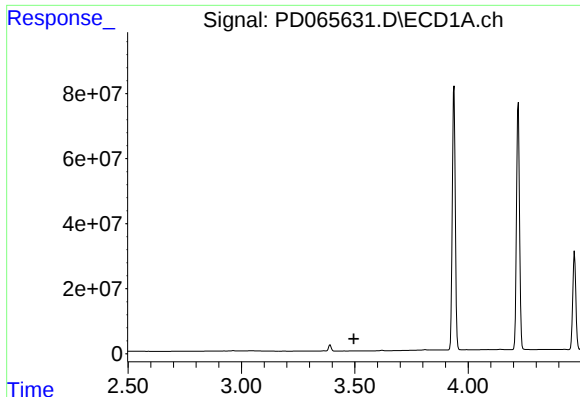
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090921\
Data File : PD065631.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2021 10:24
Operator : AR\AJ
Sample : PEST/SPIK 500PPB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 01:33:18 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
Quant Title : GC Extractables
QLast Update : Thu Sep 09 15:08:21 2021
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Volume Inj. : 2 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 x 0.50µm

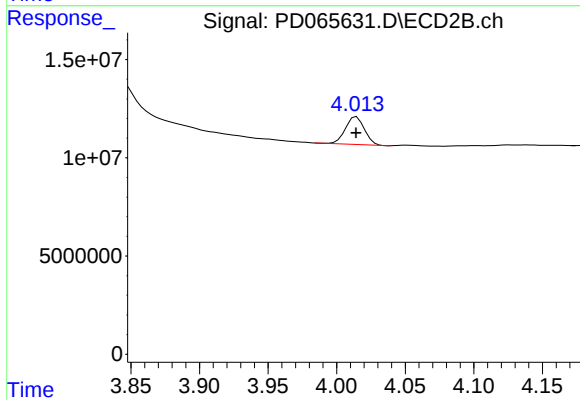




#1 Tetrachloro-m-xylene

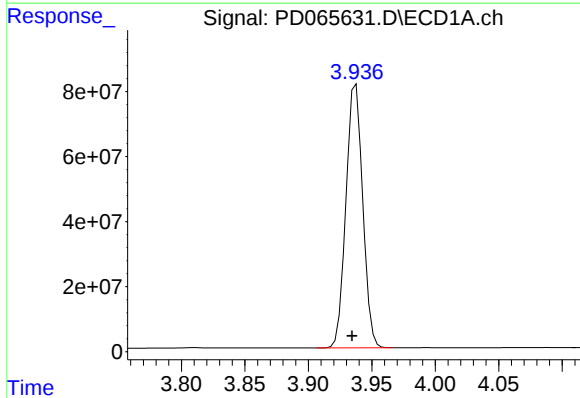
R.T.: 0.000 min
Exp R.T.: 3.495 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



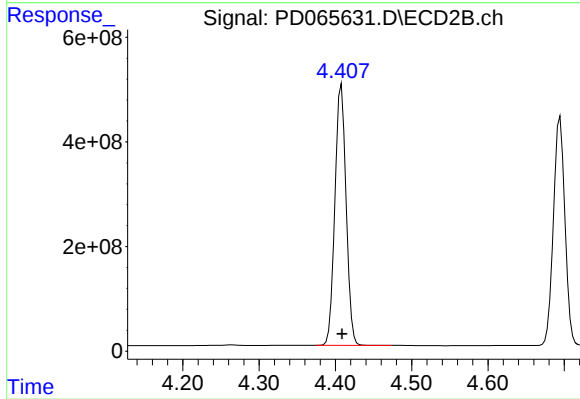
#1 Tetrachloro-m-xylene

R.T.: 4.015 min
Delta R.T.: 0.000 min
Response: 13757670
Conc: 1.88 ng/ml



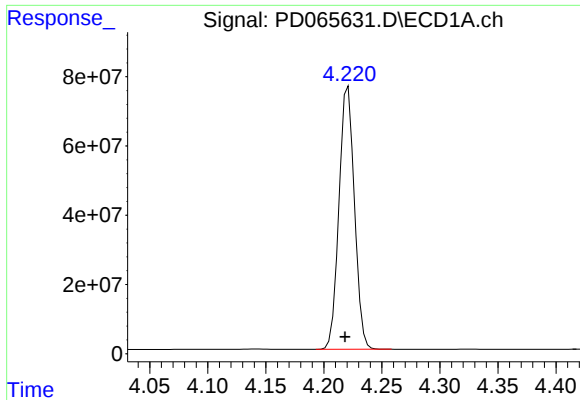
#2 alpha-BHC

R.T.: 3.938 min
Delta R.T.: 0.003 min
Response: 744673026
Conc: 516.89 ng/ml



#2 alpha-BHC

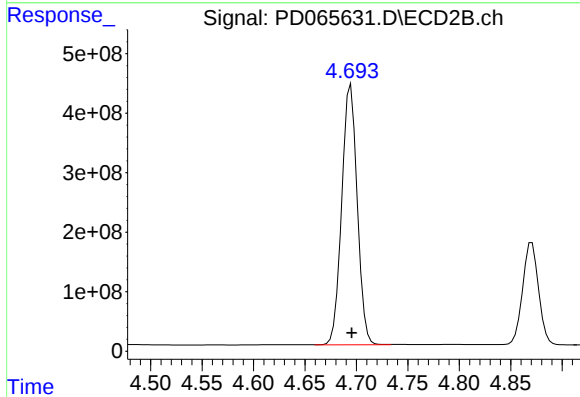
R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 5060132294
Conc: 478.34 ng/ml



#3 gamma-BHC (Lindane)

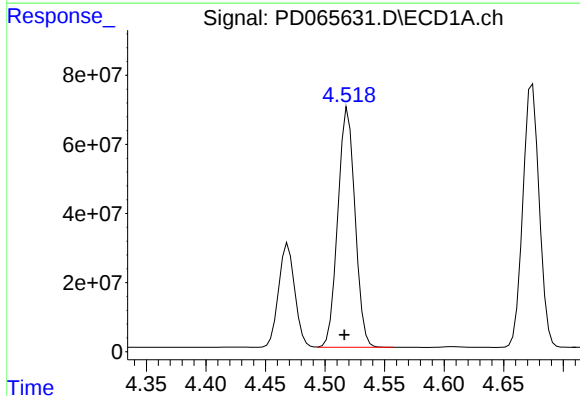
R.T.: 4.221 min
Delta R.T.: 0.003 min
Response: 704120017
Conc: 487.81 ng/ml

Instrument :
ECD_D
ClientSampleId :



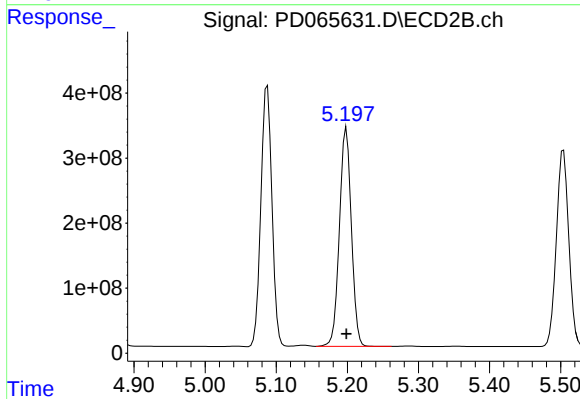
#3 gamma-BHC (Lindane)

R.T.: 4.695 min
Delta R.T.: 0.000 min
Response: 4578581195
Conc: 464.64 ng/ml



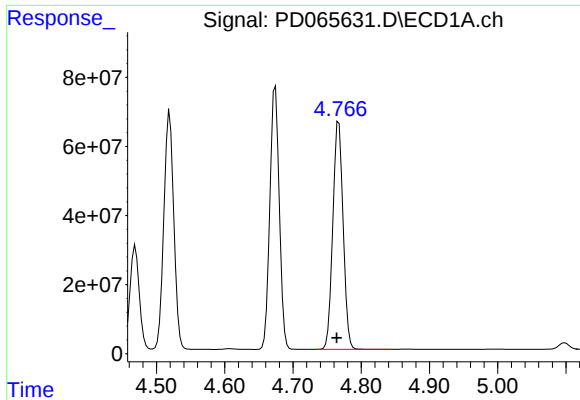
#4 Heptachlor

R.T.: 4.519 min
Delta R.T.: 0.003 min
Response: 694856075
Conc: 457.83 ng/ml



#4 Heptachlor

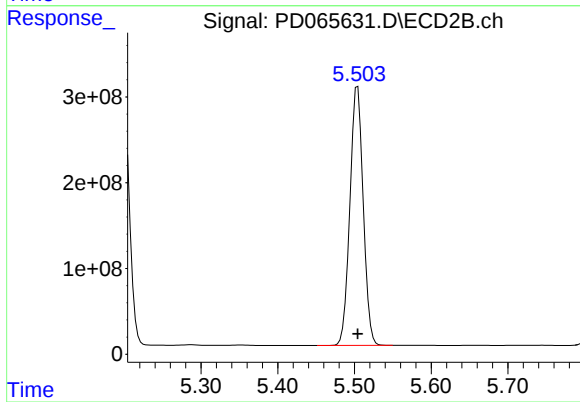
R.T.: 5.199 min
Delta R.T.: 0.000 min
Response: 3914744638
Conc: 430.55 ng/ml



#5 Aldrin

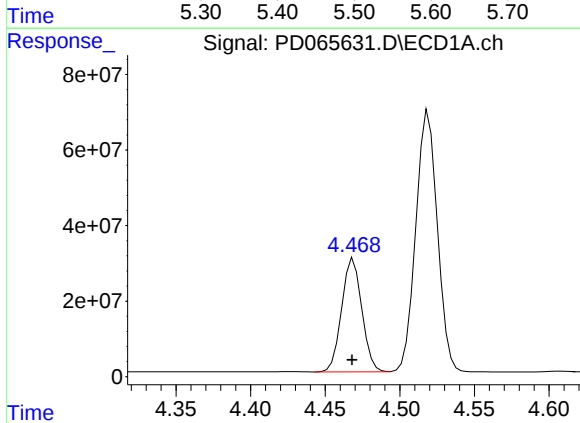
R.T.: 4.767 min
Delta R.T.: 0.003 min
Response: 690208076
Conc: 482.97 ng/ml

Instrument :
ECD_D
ClientSampleId :



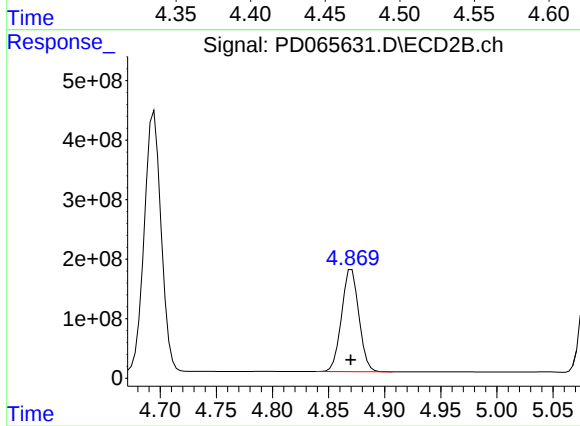
#5 Aldrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 3667786048
Conc: 434.73 ng/ml



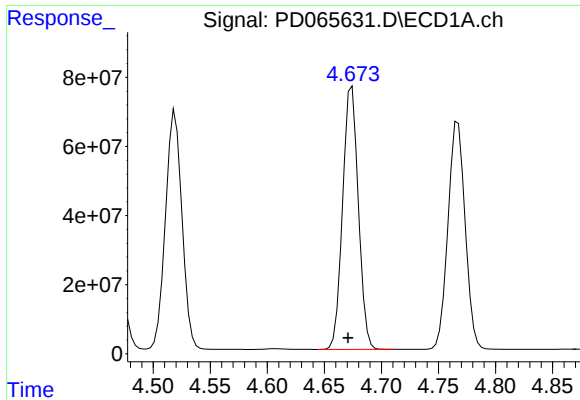
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 283973938
Conc: 440.99 ng/ml



#6 beta-BHC

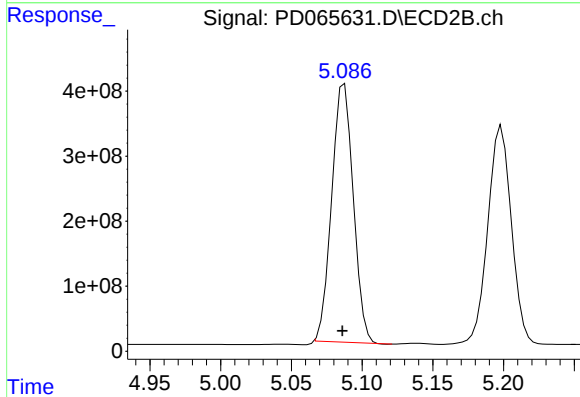
R.T.: 4.871 min
Delta R.T.: 0.000 min
Response: 1844347790
Conc: 396.18 ng/ml



#7 delta-BHC

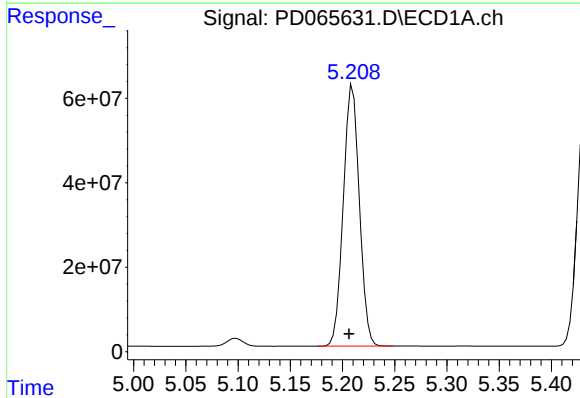
R.T.: 4.674 min
Delta R.T.: 0.004 min
Response: 729688618
Conc: 489.29 ng/ml

Instrument :
ECD_D
ClientSampleId :



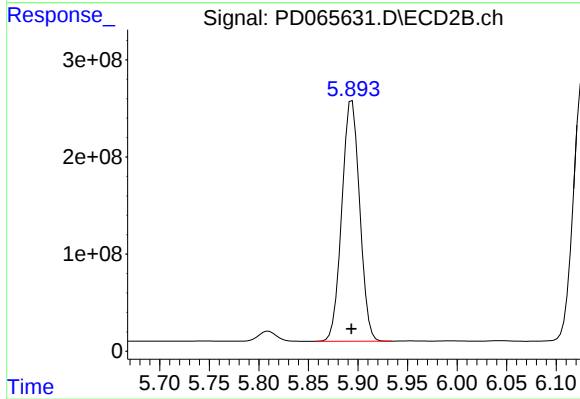
#7 delta-BHC

R.T.: 5.088 min
Delta R.T.: 0.001 min
Response: 4207275192
Conc: 452.49 ng/ml



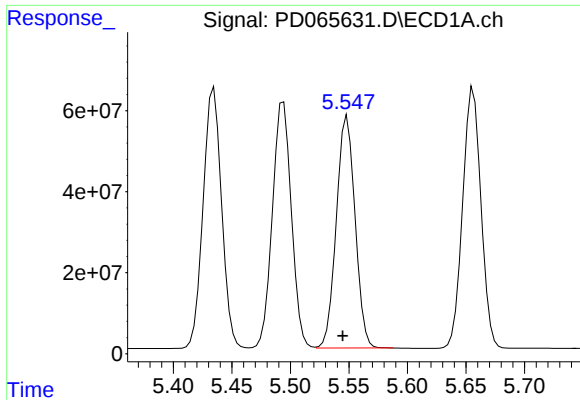
#8 Heptachlor epoxide

R.T.: 5.210 min
Delta R.T.: 0.004 min
Response: 661519037
Conc: 453.53 ng/ml



#8 Heptachlor epoxide

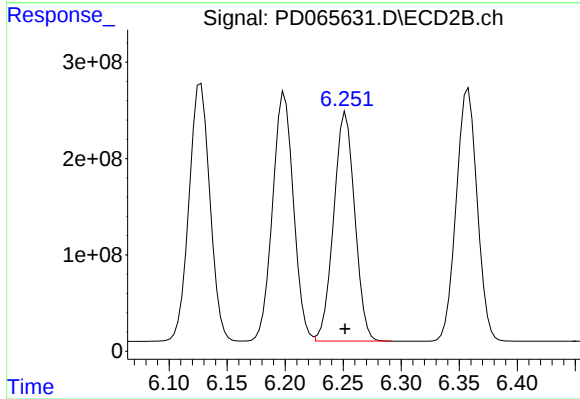
R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 3108949688
Conc: 431.66 ng/ml



#9 Endosulfan I

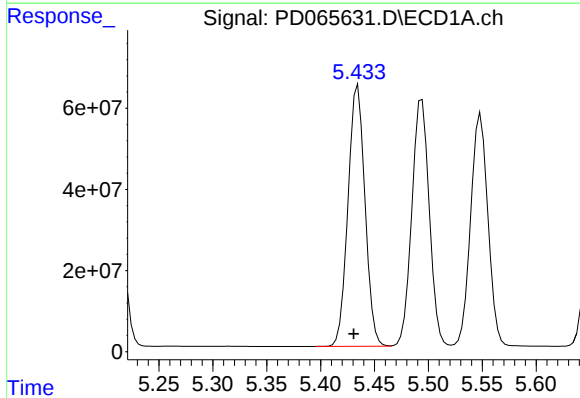
R.T.: 5.549 min
Delta R.T.: 0.004 min
Response: 637938597
Conc: 450.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



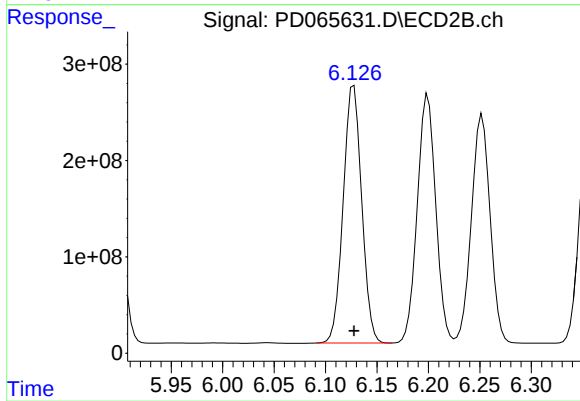
#9 Endosulfan I

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 3002405266
Conc: 426.30 ng/ml



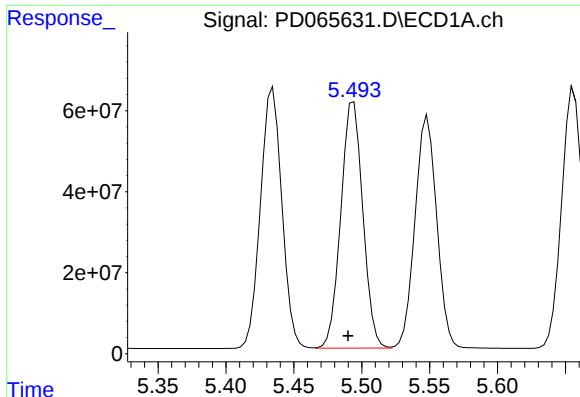
#10 gamma-Chlordane

R.T.: 5.435 min
Delta R.T.: 0.004 min
Response: 706630825
Conc: 462.65 ng/ml



#10 gamma-Chlordane

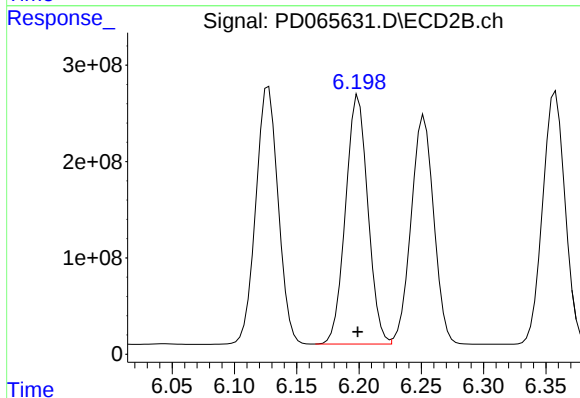
R.T.: 6.127 min
Delta R.T.: 0.000 min
Response: 3346075382
Conc: 445.59 ng/ml



#11 alpha-Chlordane

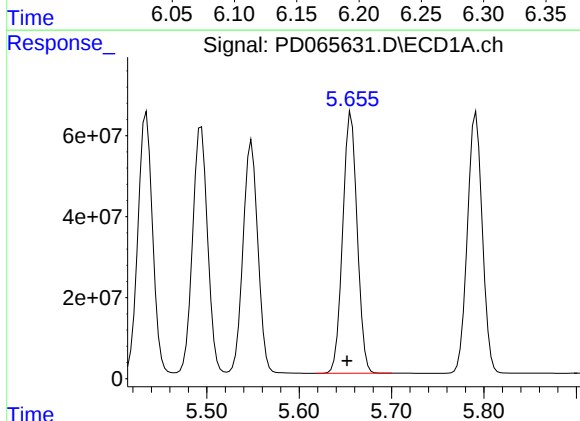
R.T.: 5.494 min
Delta R.T.: 0.004 min
Response: 686243094
Conc: 455.87 ng/ml

Instrument :
ECD_D
ClientSampleId :



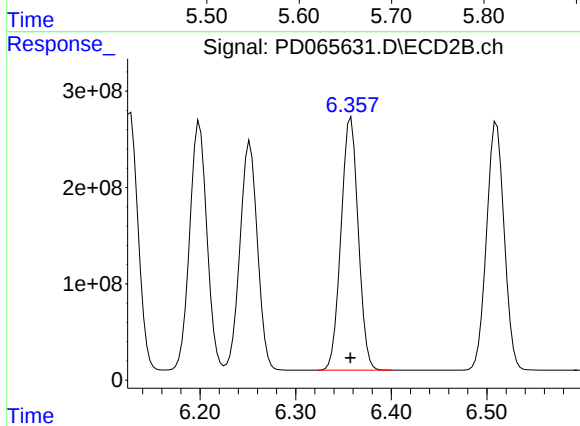
#11 alpha-Chlordane

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 3234596684
Conc: 439.19 ng/ml



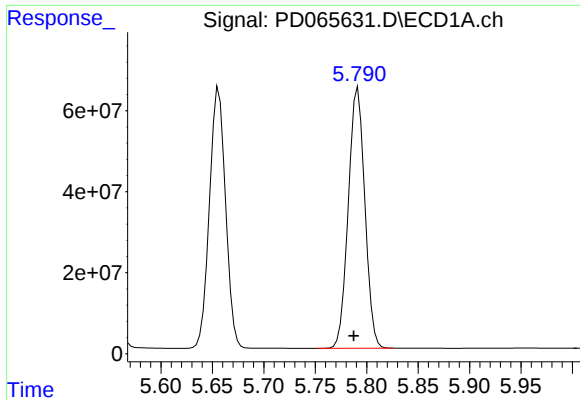
#12 4,4'-DDE

R.T.: 5.656 min
Delta R.T.: 0.004 min
Response: 700878807
Conc: 491.53 ng/ml



#12 4,4'-DDE

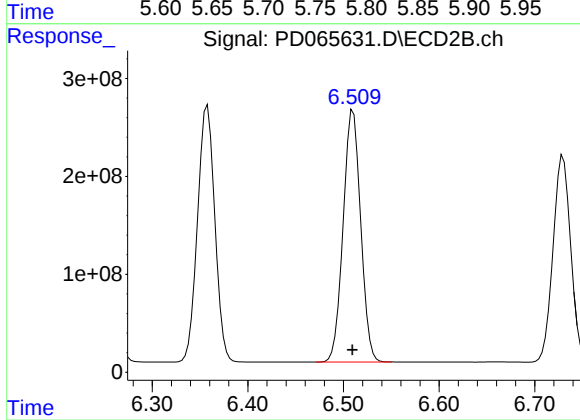
R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 3292603925
Conc: 455.73 ng/ml



#13 Dieldrin

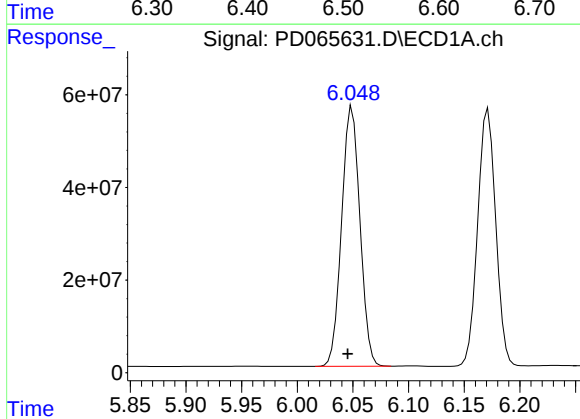
R.T.: 5.792 min
Delta R.T.: 0.004 min
Response: 720273722
Conc: 465.45 ng/ml

Instrument :
ECD_D
ClientSampleId :



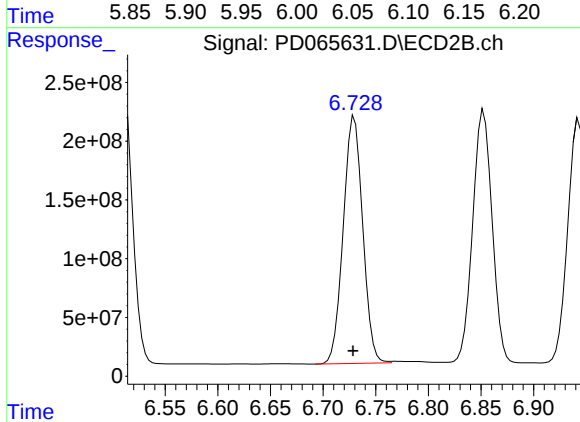
#13 Dieldrin

R.T.: 6.510 min
Delta R.T.: 0.000 min
Response: 3292300310
Conc: 436.39 ng/ml



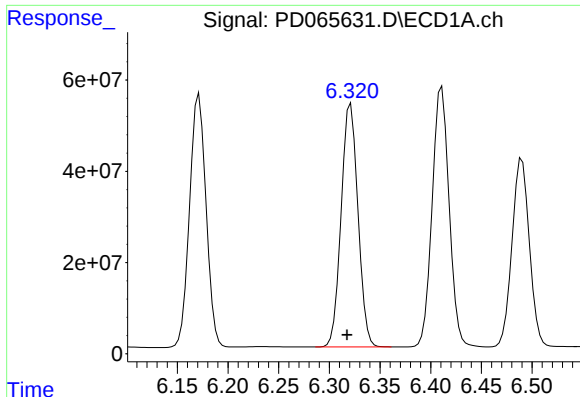
#14 Endrin

R.T.: 6.049 min
Delta R.T.: 0.004 min
Response: 643053087
Conc: 467.68 ng/ml



#14 Endrin

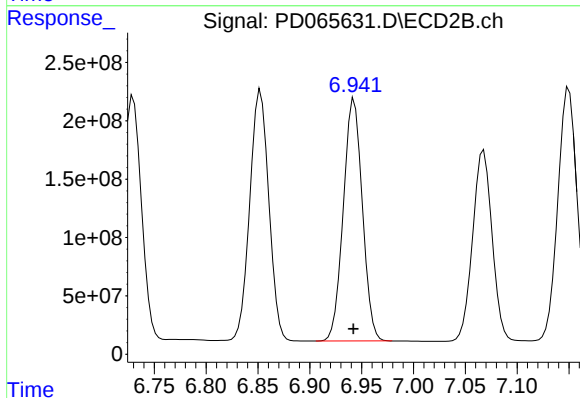
R.T.: 6.730 min
Delta R.T.: 0.001 min
Response: 2713542979
Conc: 454.89 ng/ml



#15 Endosulfan II

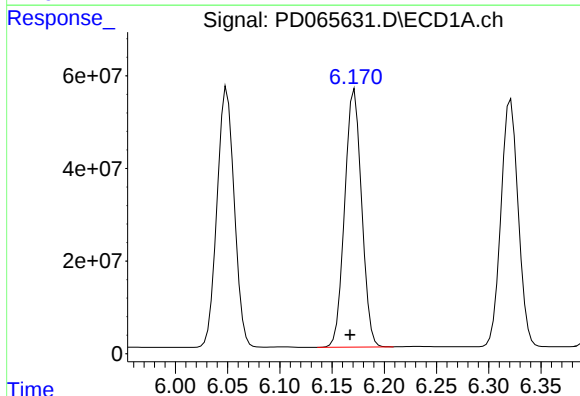
R.T.: 6.321 min
Delta R.T.: 0.004 min
Response: 613940422
Conc: 427.46 ng/ml

Instrument :
ECD_D
ClientSampleId :



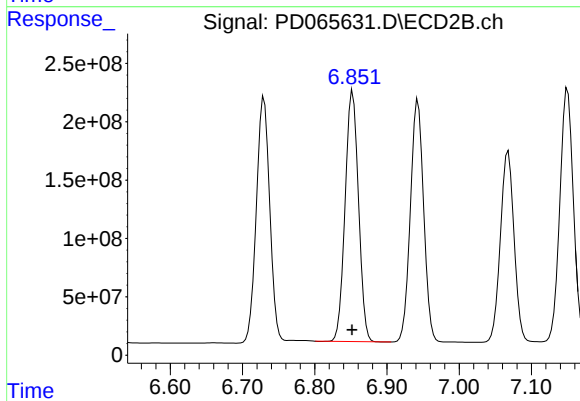
#15 Endosulfan II

R.T.: 6.943 min
Delta R.T.: 0.000 min
Response: 2655569862
Conc: 414.23 ng/ml



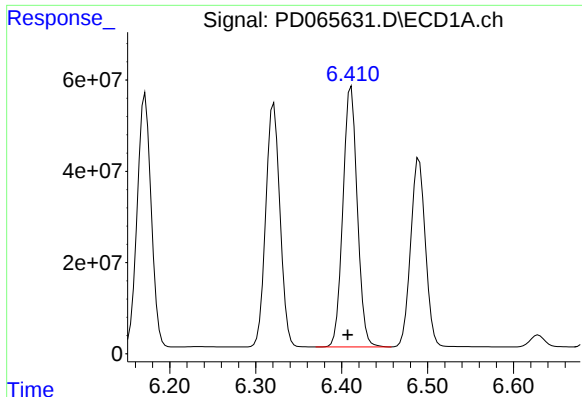
#16 4,4'-DDD

R.T.: 6.172 min
Delta R.T.: 0.004 min
Response: 627941045
Conc: 492.55 ng/ml



#16 4,4'-DDD

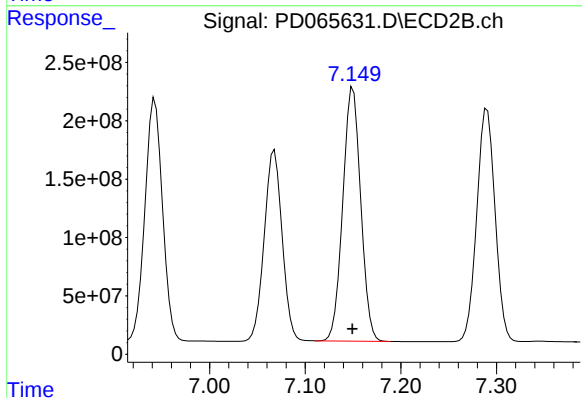
R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 2745357186
Conc: 439.79 ng/ml



#17 4,4'-DDT

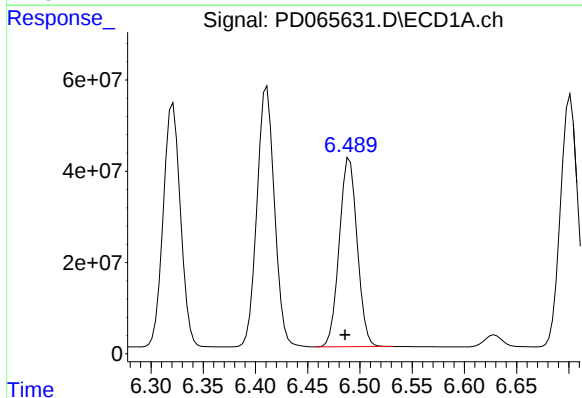
R.T.: 6.411 min
Delta R.T.: 0.004 min
Response: 664854361
Conc: 483.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



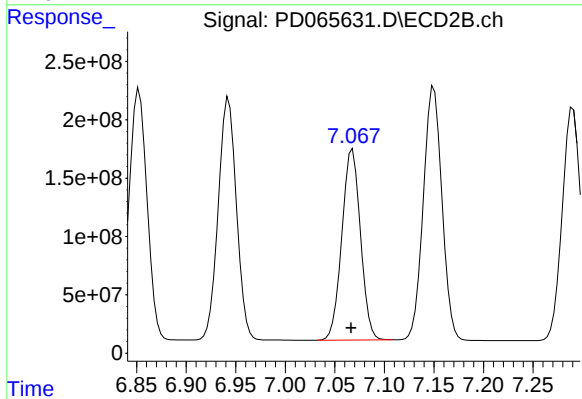
#17 4,4'-DDT

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 2842846722
Conc: 466.71 ng/ml



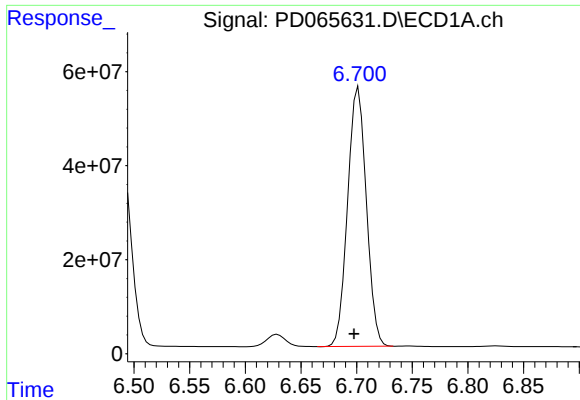
#18 Endrin aldehyde

R.T.: 6.490 min
Delta R.T.: 0.004 min
Response: 493175652
Conc: 391.00 ng/ml



#18 Endrin aldehyde

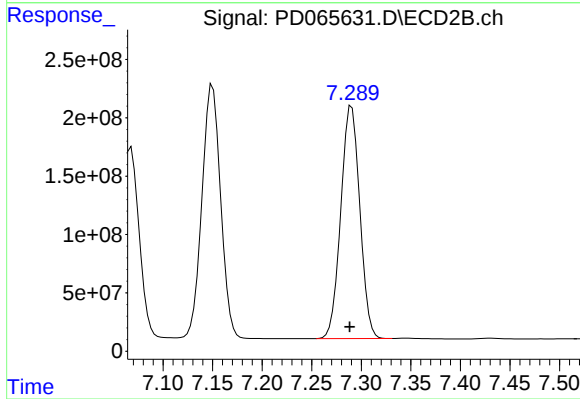
R.T.: 7.068 min
Delta R.T.: 0.002 min
Response: 2135823399
Conc: 390.93 ng/ml



#19 Endosulfan Sulfate

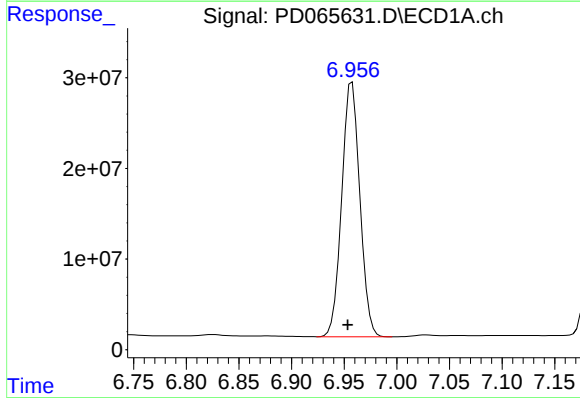
R.T.: 6.702 min
Delta R.T.: 0.004 min
Response: 645547728
Conc: 417.79 ng/ml

Instrument :
ECD_D
ClientSampleId :



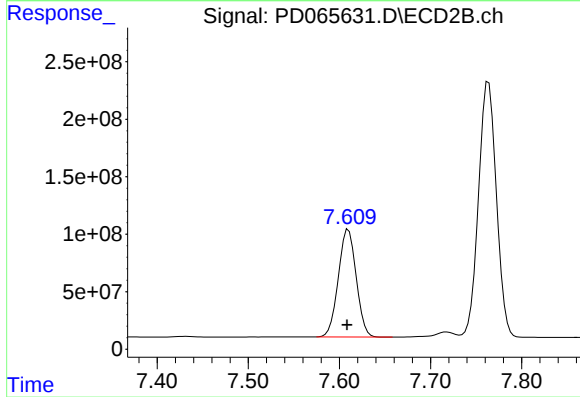
#19 Endosulfan Sulfate

R.T.: 7.290 min
Delta R.T.: 0.002 min
Response: 2659489252
Conc: 416.03 ng/ml



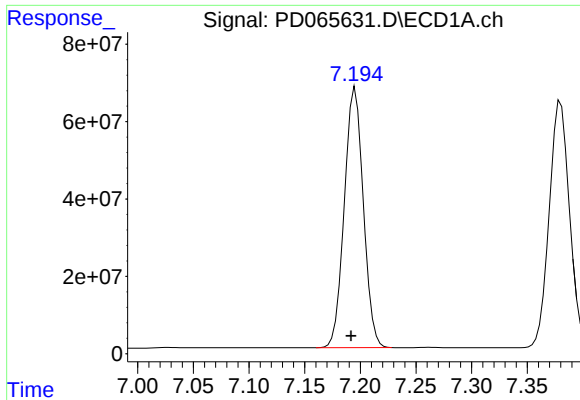
#20 Methoxychlor

R.T.: 6.958 min
Delta R.T.: 0.004 min
Response: 338257467
Conc: 403.40 ng/ml



#20 Methoxychlor

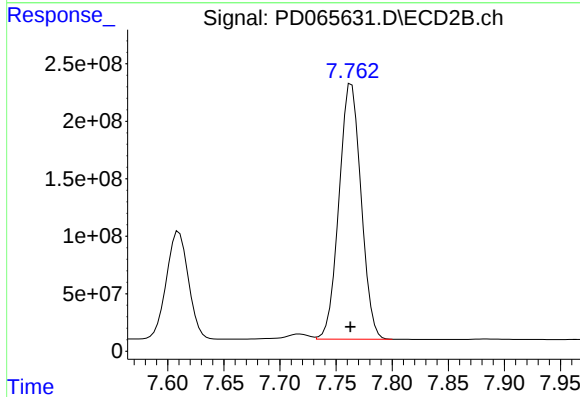
R.T.: 7.610 min
Delta R.T.: 0.002 min
Response: 1274919530
Conc: 391.68 ng/ml



#21 Endrin ketone

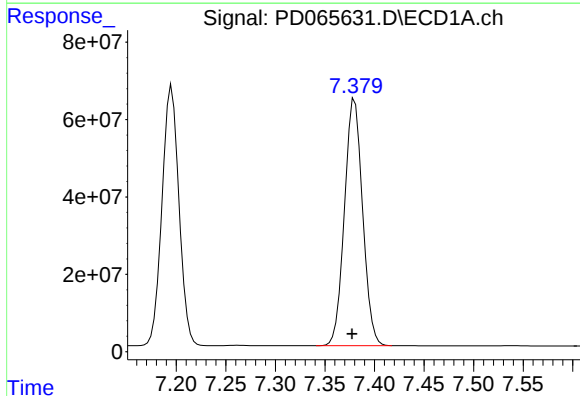
R.T.: 7.196 min
Delta R.T.: 0.004 min
Response: 799437685
Conc: 429.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



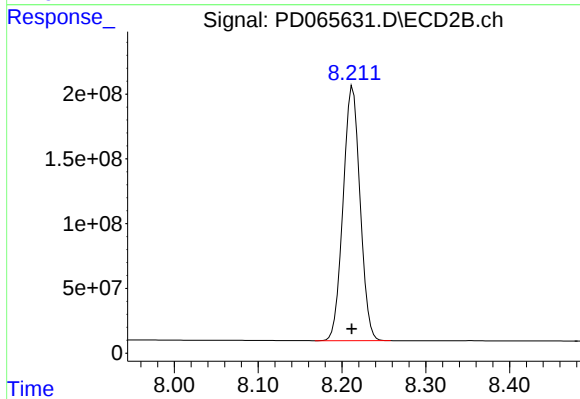
#21 Endrin ketone

R.T.: 7.764 min
Delta R.T.: 0.001 min
Response: 3041426973
Conc: 402.03 ng/ml



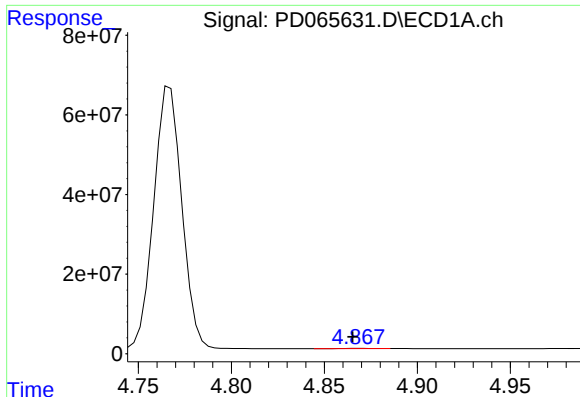
#22 Mirex

R.T.: 7.380 min
Delta R.T.: 0.003 min
Response: 813697892
Conc: 519.04 ng/ml



#22 Mirex

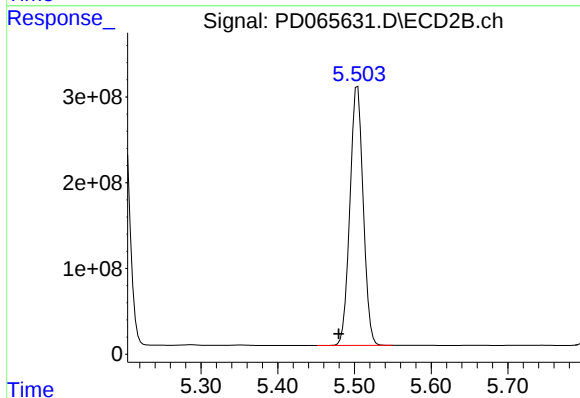
R.T.: 8.213 min
Delta R.T.: 0.001 min
Response: 2769072186
Conc: 523.54 ng/ml



#24 Chlordane-2

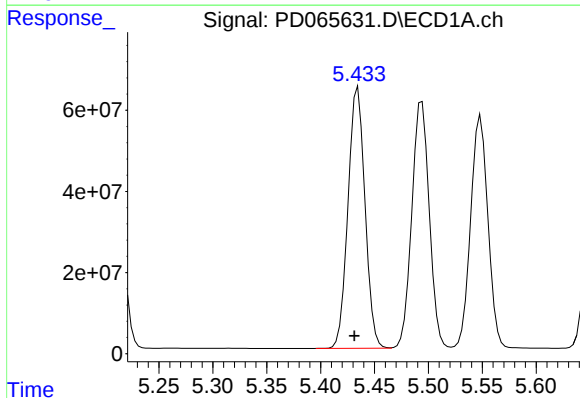
R.T.: 4.868 min
Delta R.T.: 0.003 min
Response: 519339
Conc: 10.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



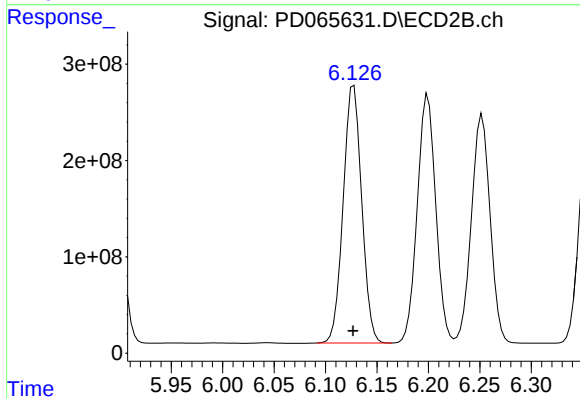
#24 Chlordane-2

R.T.: 5.504 min
Delta R.T.: 0.025 min
Response: 3667786048
Conc: 13031.47 ng/ml



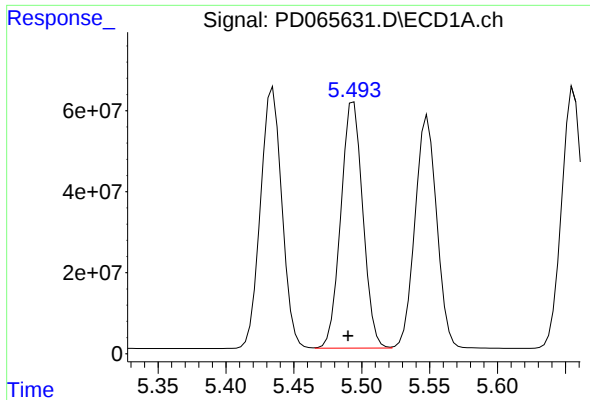
#25 Chlordane-3

R.T.: 5.435 min
Delta R.T.: 0.003 min
Response: 706630825
Conc: 4718.84 ng/ml



#25 Chlordane-3

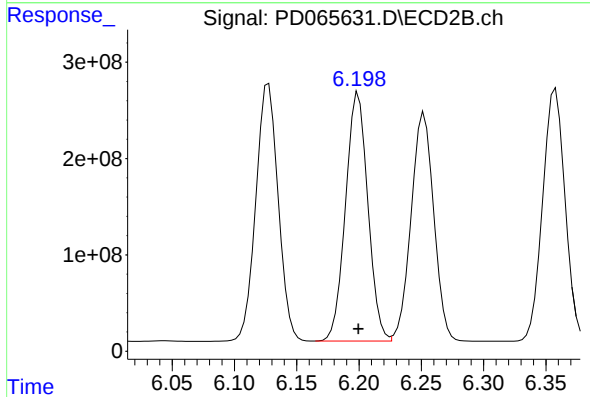
R.T.: 6.127 min
Delta R.T.: 0.000 min
Response: 3346075382
Conc: 3241.51 ng/ml



#26 Chlordane-4

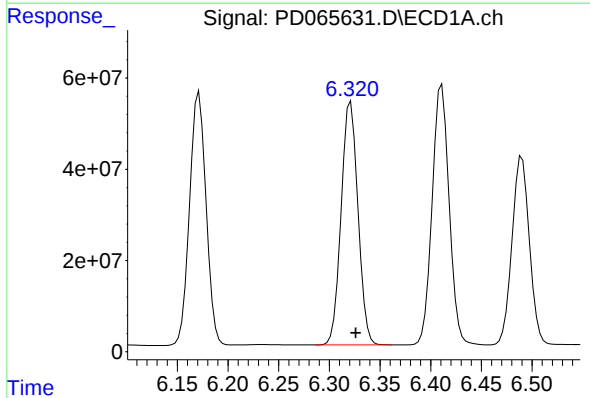
R.T.: 5.494 min
Delta R.T.: 0.004 min
Response: 686243094
Conc: 5539.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



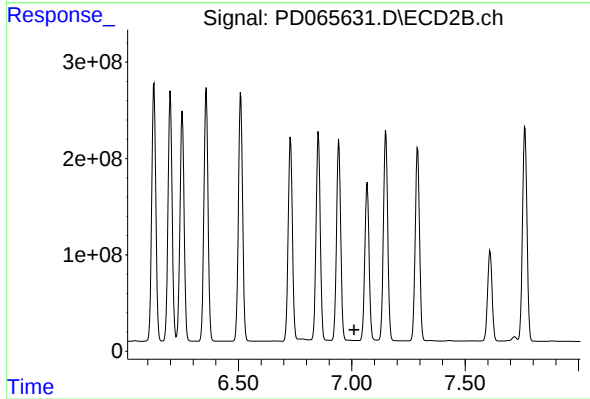
#26 Chlordane-4

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 3234596684
Conc: 2680.17 ng/ml



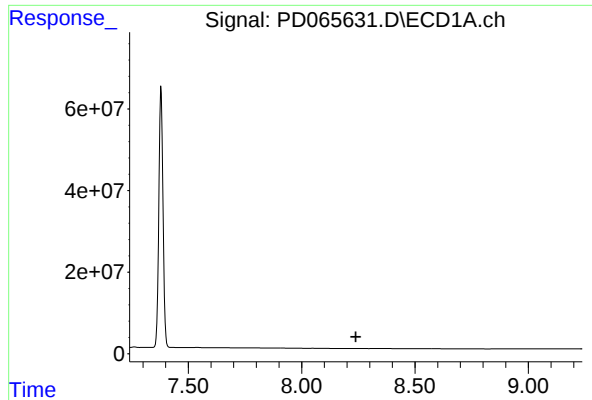
#27 Chlordane-5

R.T.: 6.321 min
Delta R.T.: -0.005 min
Response: 613940422
Conc: 10174.79 ng/ml



#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 7.010 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

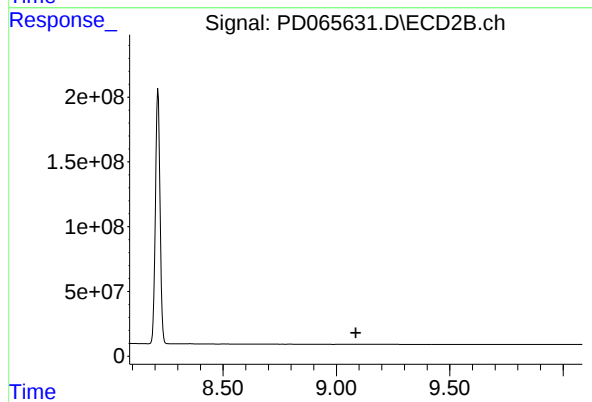
R.T.: 0.000 min

Exp R.T. : 8.239 min

Response: 0

Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 0.000 min

Exp R.T. : 9.086 min

Response: 0

Conc: N.D.