

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091021\
 Data File : PD065661.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2021 13:49
 Operator : AR\AJ
 Sample : M3692-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 04:02:03 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...	3.494	4.013	16864024	146.0E6	17.208	19.918
28)	SA Decachlor...	8.236	9.085	20211753	71768883	11.723	13.450
Target Compounds							
2)	A alpha-BHC	3.933	4.407	68518844	540.9E6	47.560	51.129
3)	MA gamma-BHC...	4.217	4.694	66003402	495.5E6	45.727	50.287
4)	MA Heptachlor	4.515	5.198	64524334	430.6E6	42.514	47.363
5)	MB Aldrin	4.762	5.503	61189620	396.7E6	42.817	47.017
6)	B beta-BHC	4.464	4.870	32154308	221.8E6	43.945	47.650
7)	B delta-BHC	4.669	5.087	68446164	476.9E6	45.896	51.291
8)	B Heptachlo...	5.204	5.892	64455239	368.8E6	44.190	51.209
9)	A Endosulfan I	5.543	6.251	62678764	341.6E6	44.218	48.502
10)	B gamma-Chl...	5.430	6.126	66120150	358.5E6	43.290	47.737
11)	B alpha-Chl...	5.488	6.198	65142811	351.2E6	43.274	47.683
12)	B 4,4'-DDE	5.650	6.356	161.2E6	837.6E6	113.084	115.931
13)	MA Dieldrin	5.786	6.509	70699641	374.4E6	45.687	49.623
14)	MA Endrin	6.044	6.728	67924228	340.0E6	49.400	57.004
15)	B Endosulfa...	6.316	6.941	62939906	308.9E6	43.822	48.176
16)	A 4,4'-DDD	6.166	6.851	58995548	315.7E6	46.276	50.566
17)	MA 4,4'-DDT	6.406	7.148	134.0E6	602.9E6	97.364	98.983
18)	B Endrin al...	6.485	7.065	48762976	224.3E6	38.660	41.056
19)	B Endosulfa...	6.699	7.288	108.0E6	307.4E6	69.885	48.080 #
20)	A Methoxychlor	6.952	7.608	35750257	150.3E6	42.635	46.188
21)	B Endrin ke...	7.190	7.762	80523664	345.0E6	43.307	45.607
22)	Mirex	7.375	8.210	57760781	213.6E6	36.844	40.380
24)	Chlordane-2	0.000	5.503f	0	396.7E6	N.D.	1409.373 #
25)	Chlordane-3	5.430	6.126	66120150	358.5E6	441.547	347.270
26)	Chlordane-4	5.488	6.198	65142811	351.2E6	525.804	290.989 #
27)	Chlordane-5	6.316	0.000	62939906	0	1043.098	N.D. #

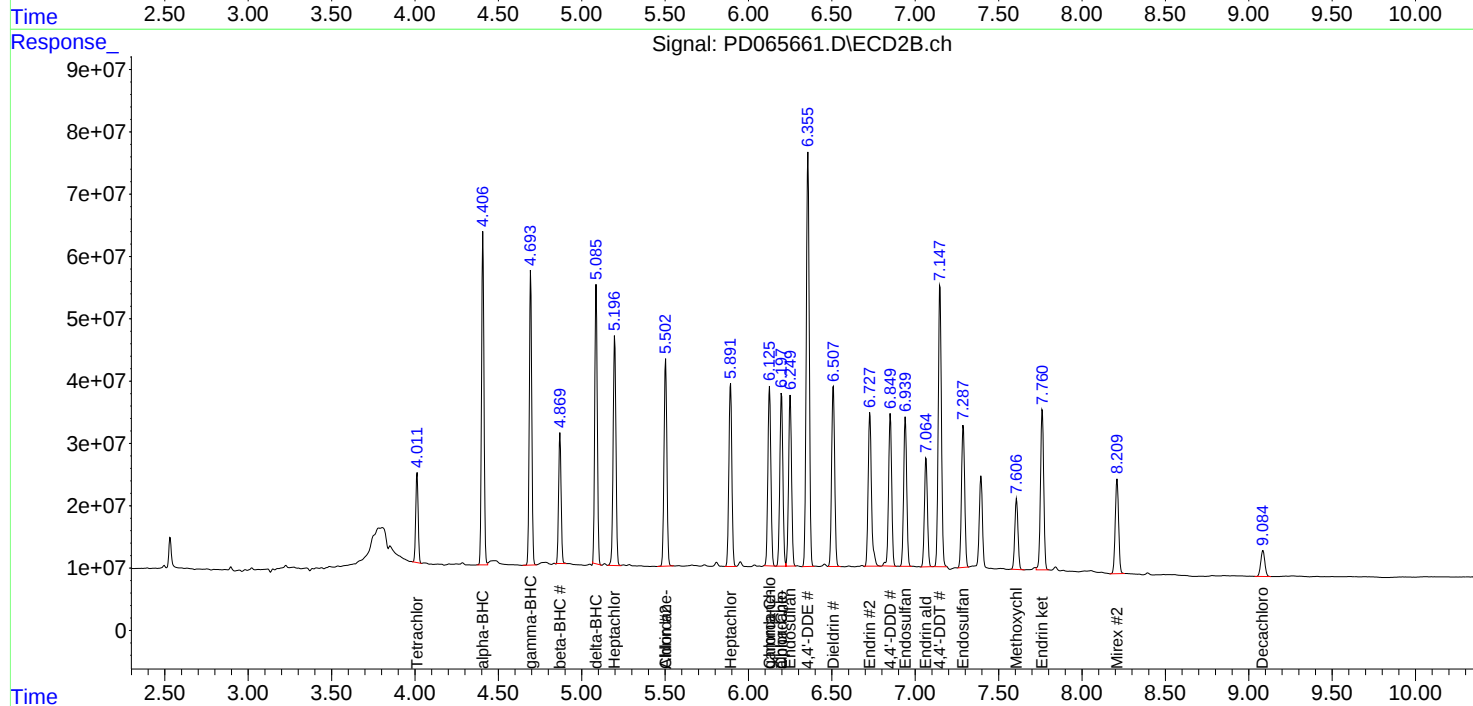
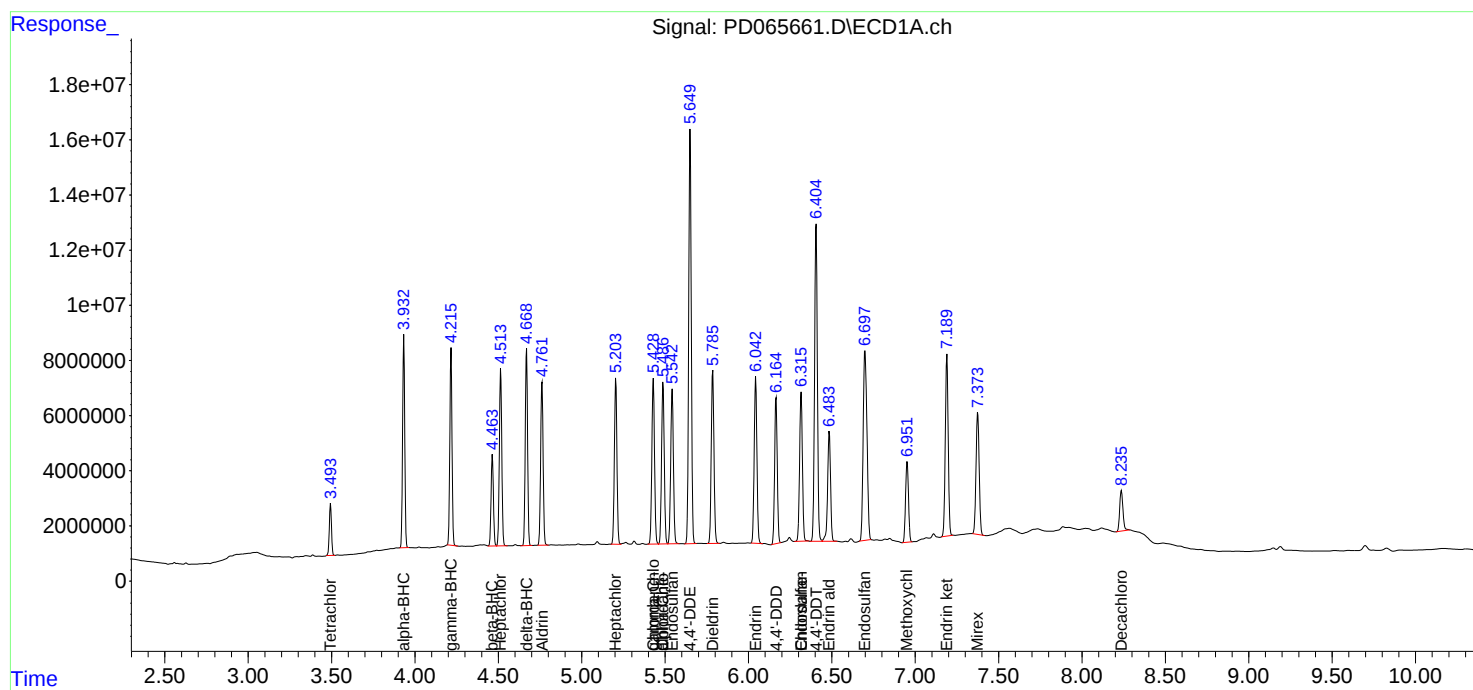
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

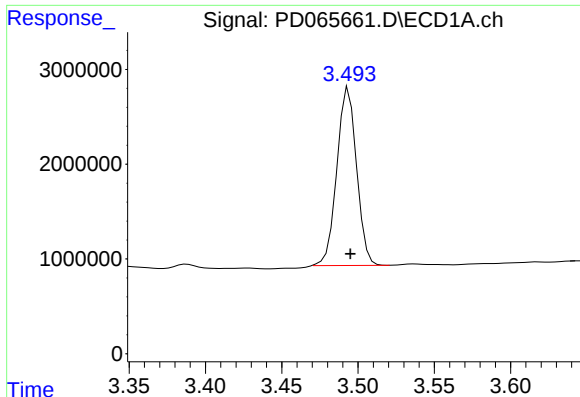
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091021\
Data File : PD065661.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2021 13:49
Operator : AR\AJ
Sample : M3692-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 04:02:03 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

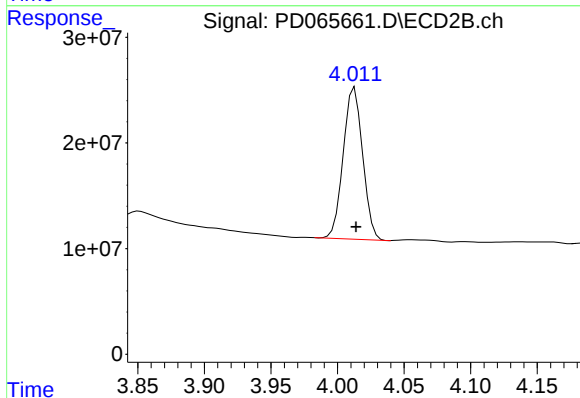




#1 Tetrachloro-m-xylene

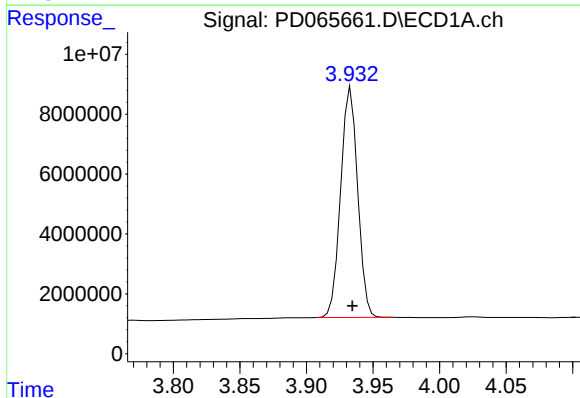
R.T.: 3.494 min
Delta R.T.: -0.001 min
Response: 16864024
Conc: 17.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



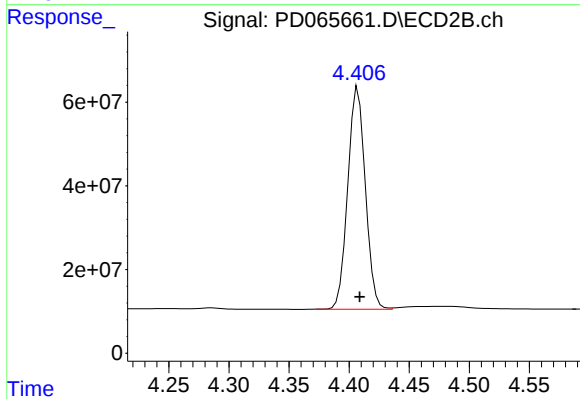
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: -0.001 min
Response: 145990221
Conc: 19.92 ng/ml



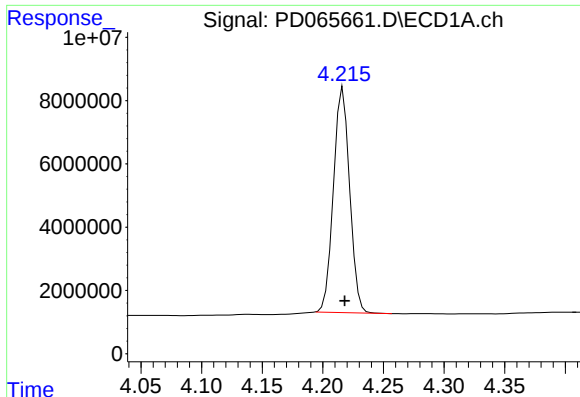
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: -0.001 min
Response: 68518844
Conc: 47.56 ng/ml



#2 alpha-BHC

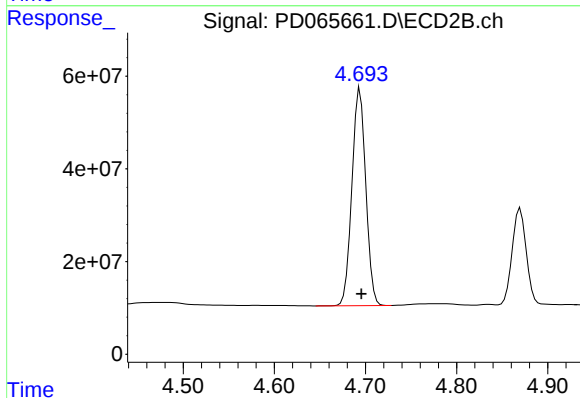
R.T.: 4.407 min
Delta R.T.: -0.001 min
Response: 540873162
Conc: 51.13 ng/ml



#3 gamma-BHC (Lindane)

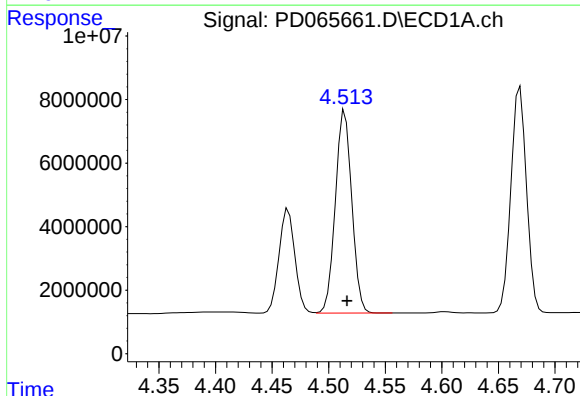
R.T.: 4.217 min
Delta R.T.: -0.001 min
Response: 66003402
Conc: 45.73 ng/ml

Instrument :
ECD_D
ClientSampleId :



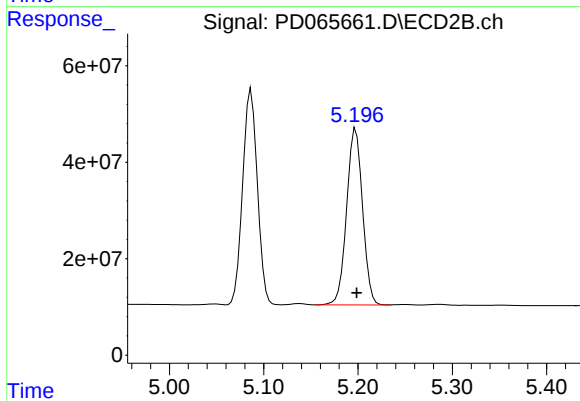
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: -0.001 min
Response: 495524933
Conc: 50.29 ng/ml



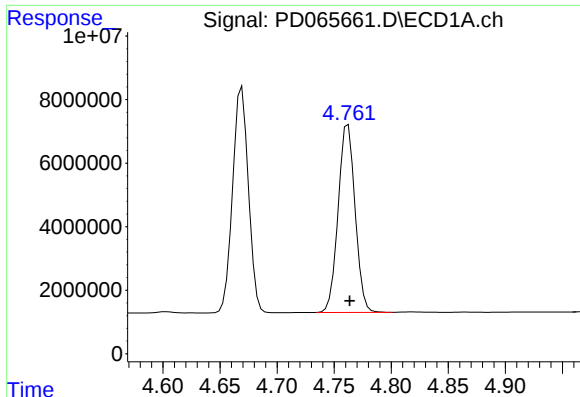
#4 Heptachlor

R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 64524334
Conc: 42.51 ng/ml



#4 Heptachlor

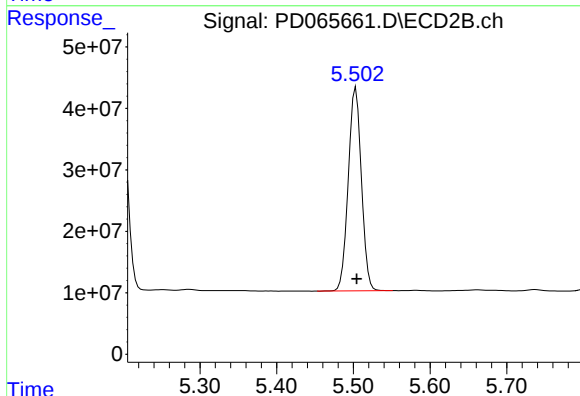
R.T.: 5.198 min
Delta R.T.: -0.001 min
Response: 430641331
Conc: 47.36 ng/ml



#5 Aldrin

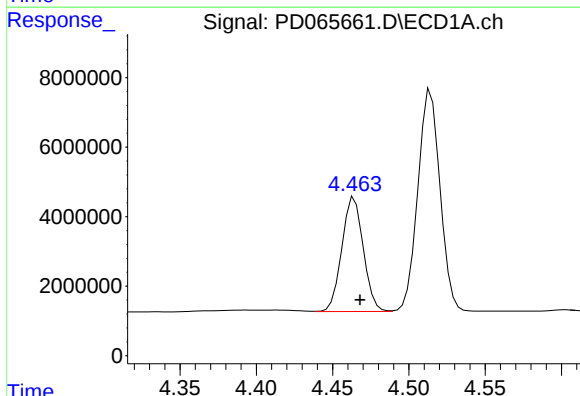
R.T.: 4.762 min
Delta R.T.: -0.002 min
Response: 61189620
Conc: 42.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



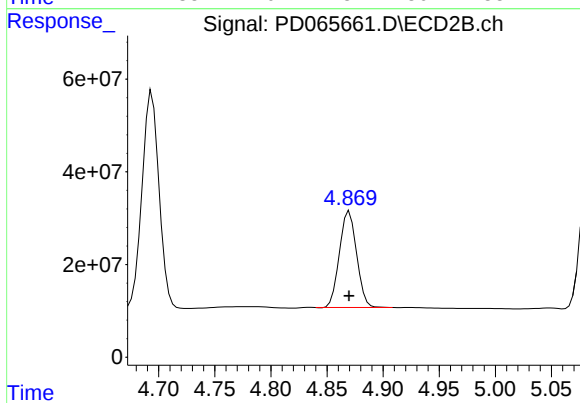
#5 Aldrin

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 396676534
Conc: 47.02 ng/ml



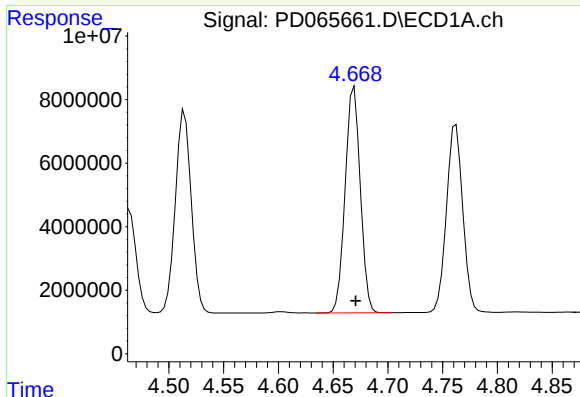
#6 beta-BHC

R.T.: 4.464 min
Delta R.T.: -0.004 min
Response: 32154308
Conc: 43.94 ng/ml



#6 beta-BHC

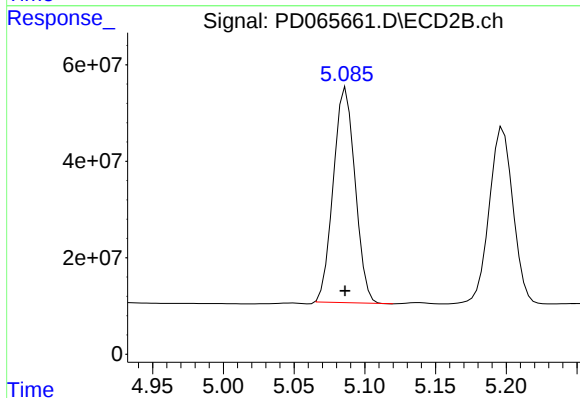
R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 221826609
Conc: 47.65 ng/ml



#7 delta-BHC

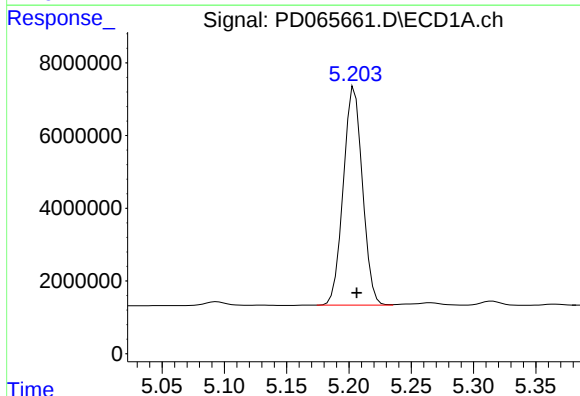
R.T.: 4.669 min
Delta R.T.: -0.001 min
Response: 68446164
Conc: 45.90 ng/ml

Instrument :
ECD_D
ClientSampleId :



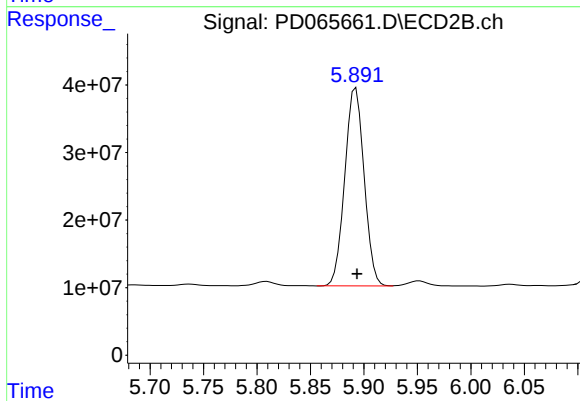
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 476907915
Conc: 51.29 ng/ml



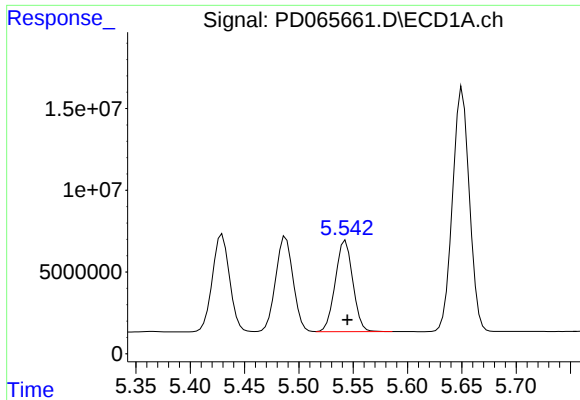
#8 Heptachlor epoxide

R.T.: 5.204 min
Delta R.T.: -0.002 min
Response: 64455239
Conc: 44.19 ng/ml



#8 Heptachlor epoxide

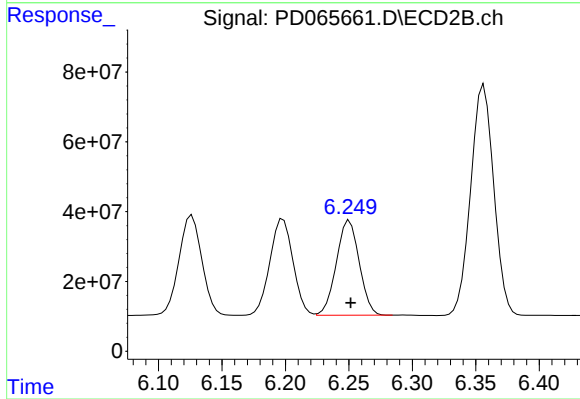
R.T.: 5.892 min
Delta R.T.: -0.001 min
Response: 368822560
Conc: 51.21 ng/ml



#9 Endosulfan I

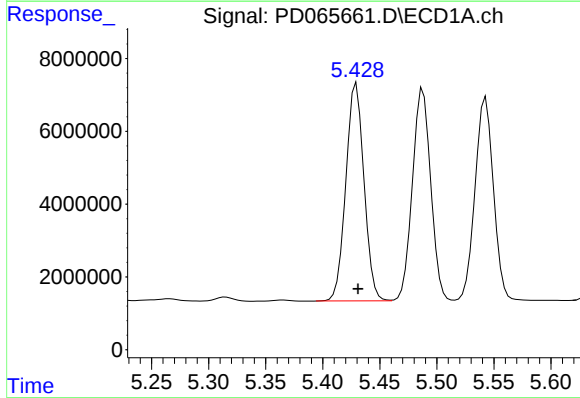
R.T.: 5.543 min
Delta R.T.: -0.002 min
Response: 62678764
Conc: 44.22 ng/ml

Instrument :
ECD_D
ClientSampleId :



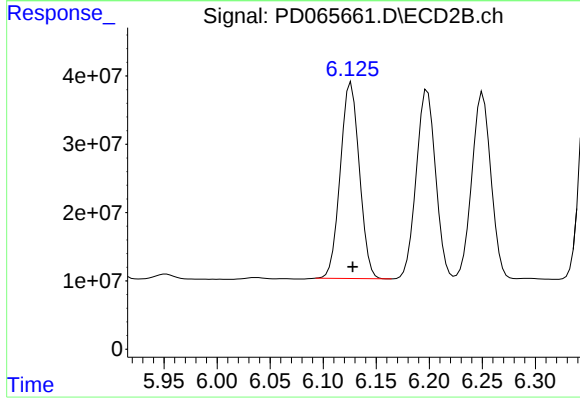
#9 Endosulfan I

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 341591833
Conc: 48.50 ng/ml



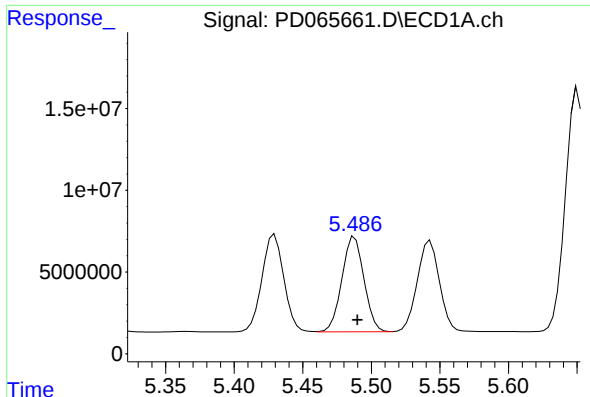
#10 gamma-Chlordane

R.T.: 5.430 min
Delta R.T.: -0.001 min
Response: 66120150
Conc: 43.29 ng/ml



#10 gamma-Chlordane

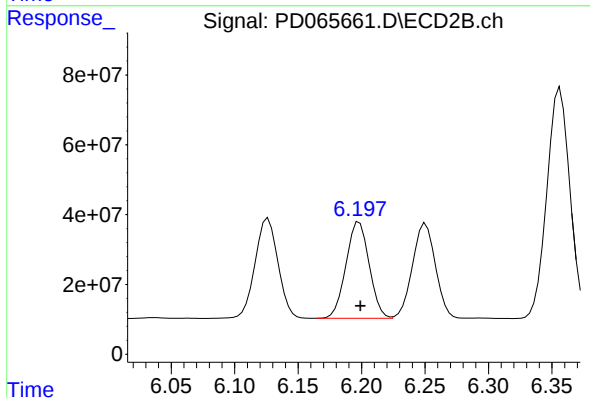
R.T.: 6.126 min
Delta R.T.: -0.002 min
Response: 358471961
Conc: 47.74 ng/ml



#11 alpha-Chlordane

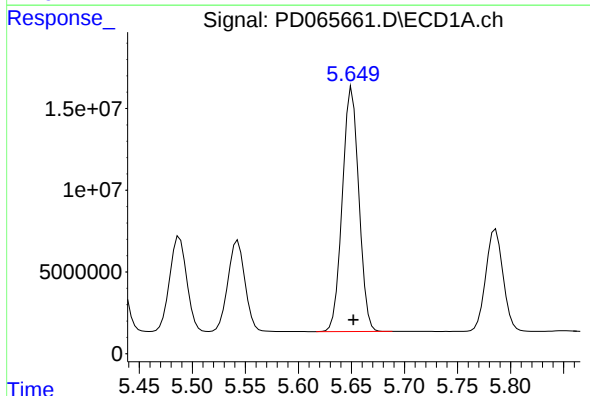
R.T.: 5.488 min
Delta R.T.: -0.002 min
Response: 65142811
Conc: 43.27 ng/ml

Instrument :
ECD_D
ClientSampleId :



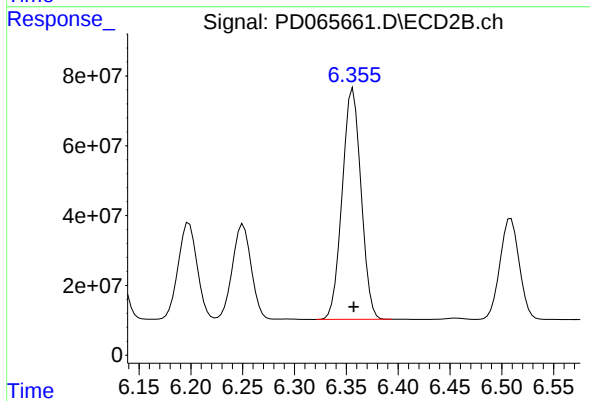
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 351184484
Conc: 47.68 ng/ml



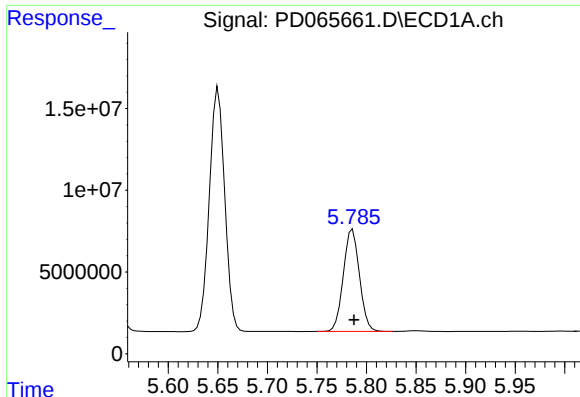
#12 4,4'-DDE

R.T.: 5.650 min
Delta R.T.: -0.002 min
Response: 161246931
Conc: 113.08 ng/ml



#12 4,4'-DDE

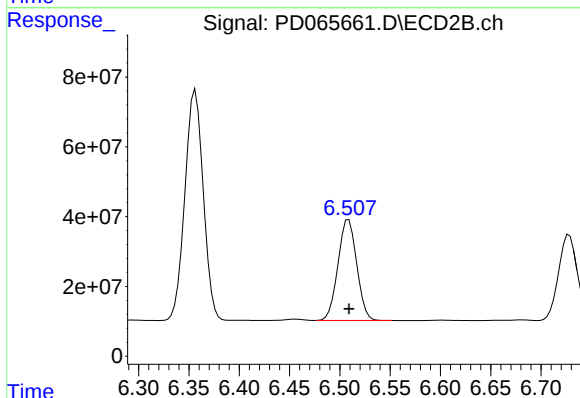
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 837589489
Conc: 115.93 ng/ml



#13 Dieldrin

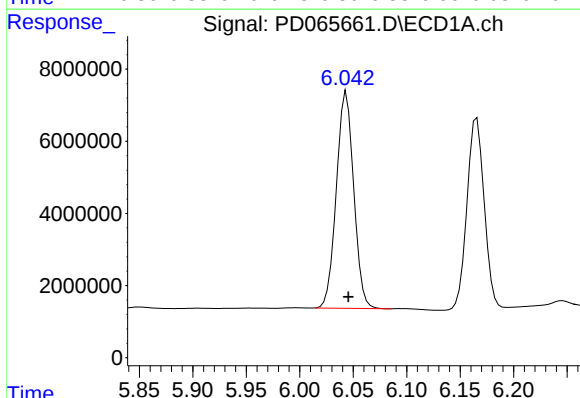
R.T.: 5.786 min
Delta R.T.: -0.002 min
Response: 70699641
Conc: 45.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



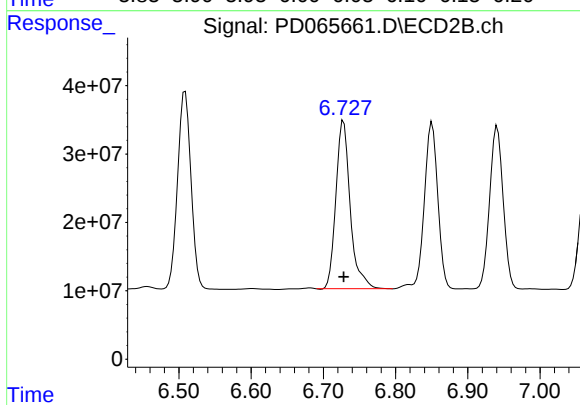
#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 374377007
Conc: 49.62 ng/ml



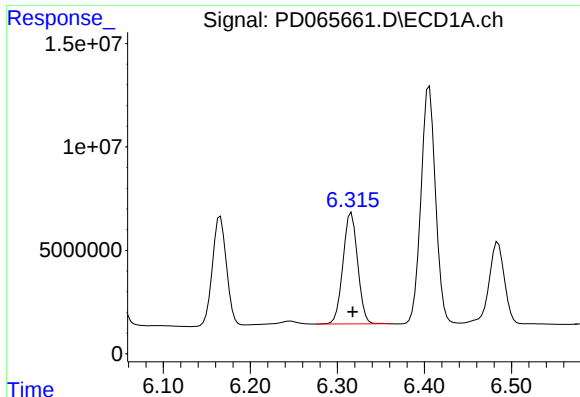
#14 Endrin

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 67924228
Conc: 49.40 ng/ml



#14 Endrin

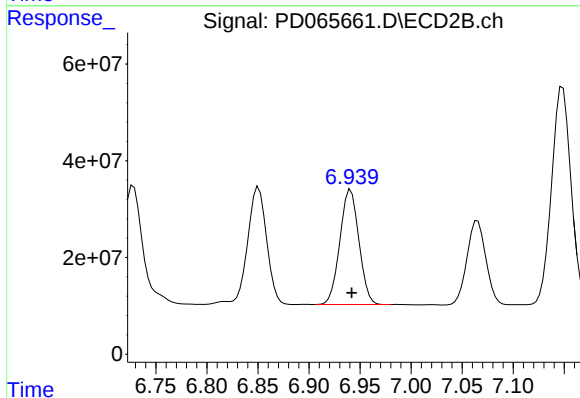
R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 340046520
Conc: 57.00 ng/ml



#15 Endosulfan II

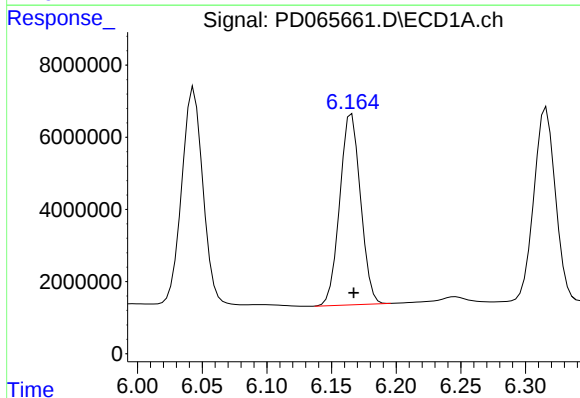
R.T.: 6.316 min
Delta R.T.: -0.001 min
Response: 62939906
Conc: 43.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



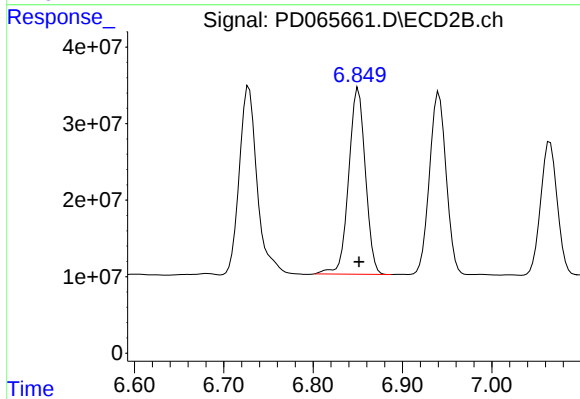
#15 Endosulfan II

R.T.: 6.941 min
Delta R.T.: -0.001 min
Response: 308850099
Conc: 48.18 ng/ml



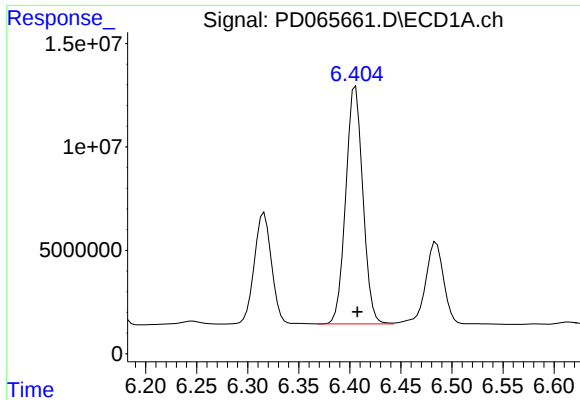
#16 4,4'-DDD

R.T.: 6.166 min
Delta R.T.: -0.002 min
Response: 58995548
Conc: 46.28 ng/ml



#16 4,4'-DDD

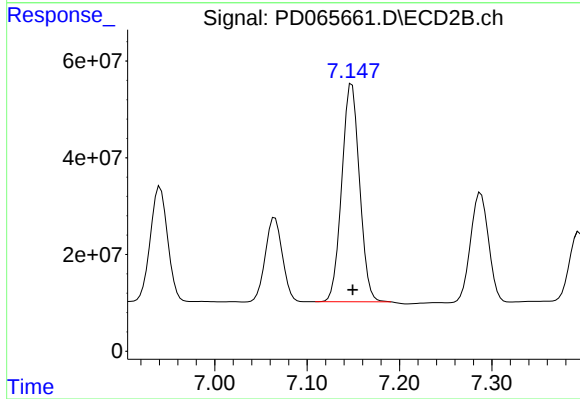
R.T.: 6.851 min
Delta R.T.: -0.001 min
Response: 315651417
Conc: 50.57 ng/ml



#17 4,4'-DDT

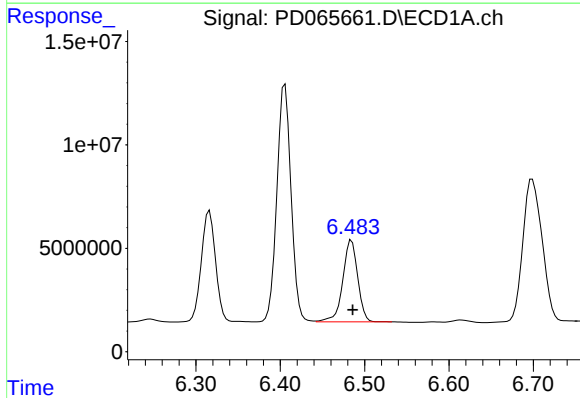
R.T.: 6.406 min
Delta R.T.: -0.002 min
Response: 134011434
Conc: 97.36 ng/ml

Instrument :
ECD_D
ClientSampleId :



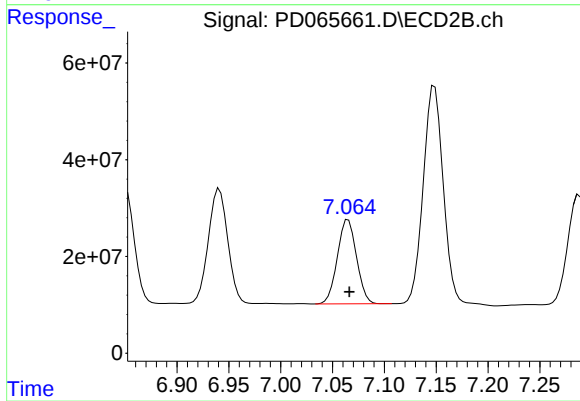
#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 602933522
Conc: 98.98 ng/ml



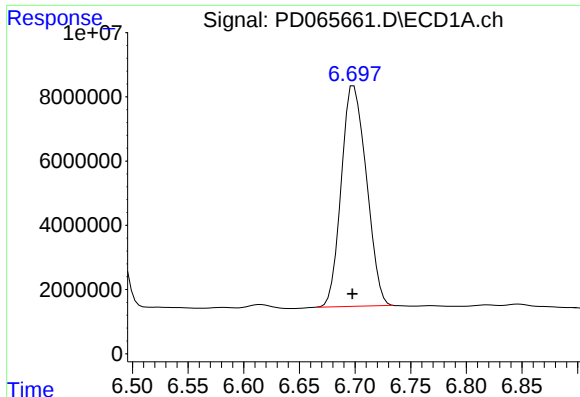
#18 Endrin aldehyde

R.T.: 6.485 min
Delta R.T.: -0.001 min
Response: 48762976
Conc: 38.66 ng/ml



#18 Endrin aldehyde

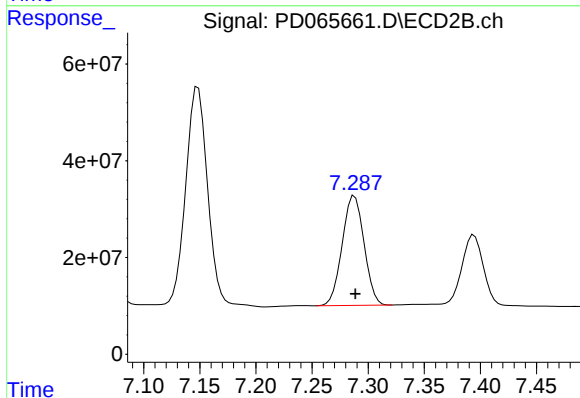
R.T.: 7.065 min
Delta R.T.: -0.001 min
Response: 224311353
Conc: 41.06 ng/ml



#19 Endosulfan Sulfate

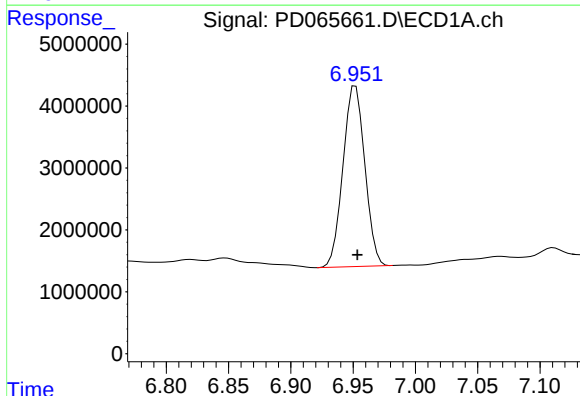
R.T.: 6.699 min
Delta R.T.: 0.001 min
Response: 107982208
Conc: 69.89 ng/ml

Instrument :
ECD_D
ClientSampleId :



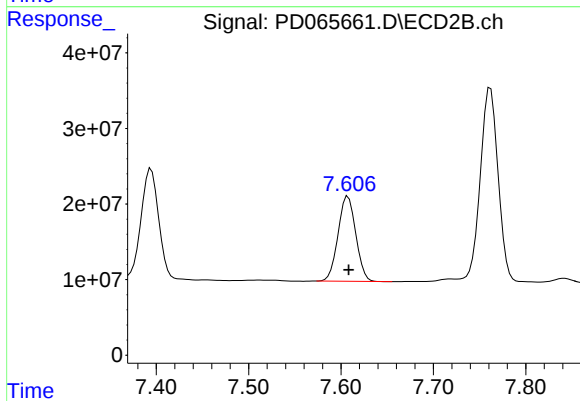
#19 Endosulfan Sulfate

R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 307359337
Conc: 48.08 ng/ml



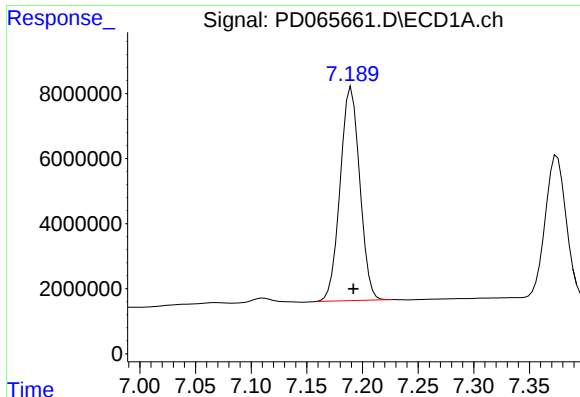
#20 Methoxychlor

R.T.: 6.952 min
Delta R.T.: -0.002 min
Response: 35750257
Conc: 42.63 ng/ml



#20 Methoxychlor

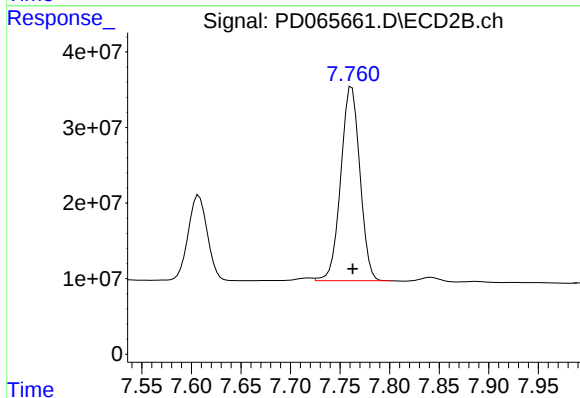
R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 150342166
Conc: 46.19 ng/ml



#21 Endrin ketone

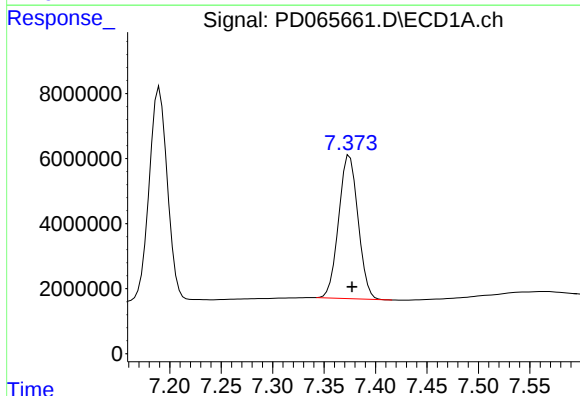
R.T.: 7.190 min
Delta R.T.: -0.002 min
Response: 80523664
Conc: 43.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



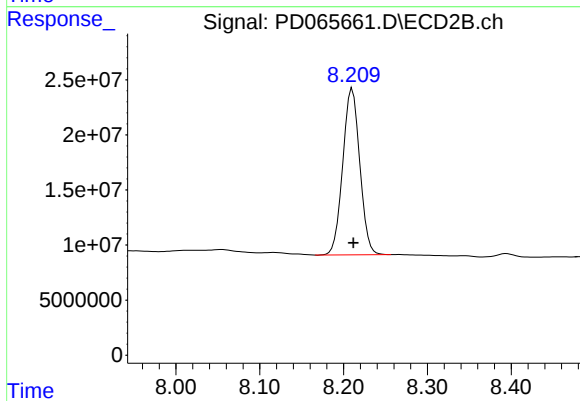
#21 Endrin ketone

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 345023376
Conc: 45.61 ng/ml



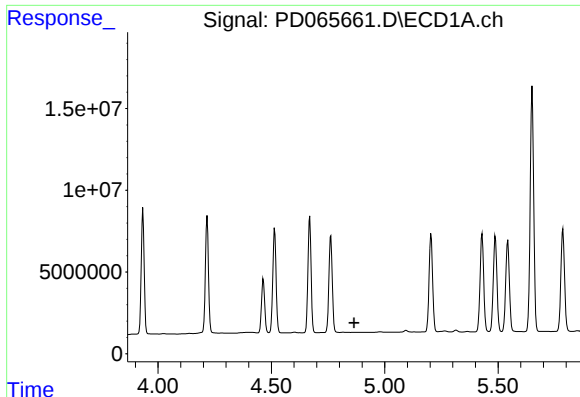
#22 Mirex

R.T.: 7.375 min
Delta R.T.: -0.003 min
Response: 57760781
Conc: 36.84 ng/ml



#22 Mirex

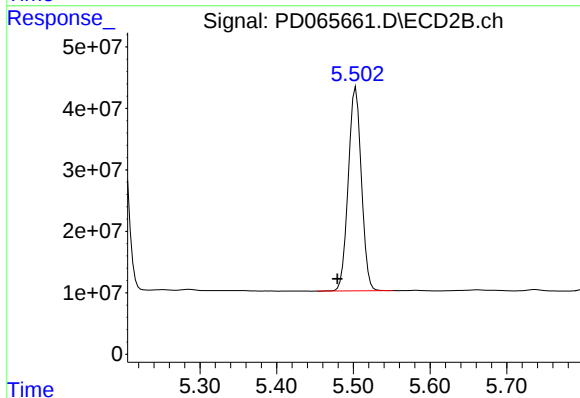
R.T.: 8.210 min
Delta R.T.: -0.001 min
Response: 213572523
Conc: 40.38 ng/ml



#24 Chlordane-2

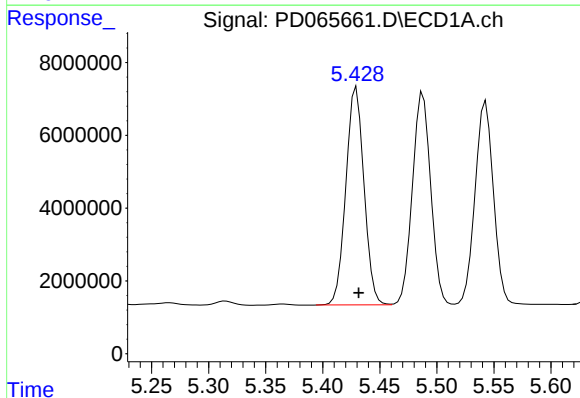
R.T.: 0.000 min
Exp R.T.: 4.865 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



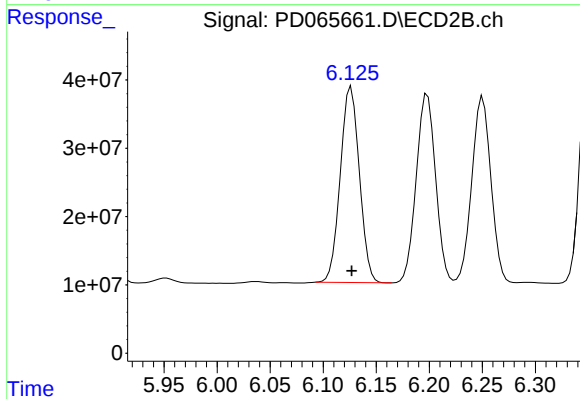
#24 Chlordane-2

R.T.: 5.503 min
Delta R.T.: 0.024 min
Response: 396676534
Conc: 1409.37 ng/ml



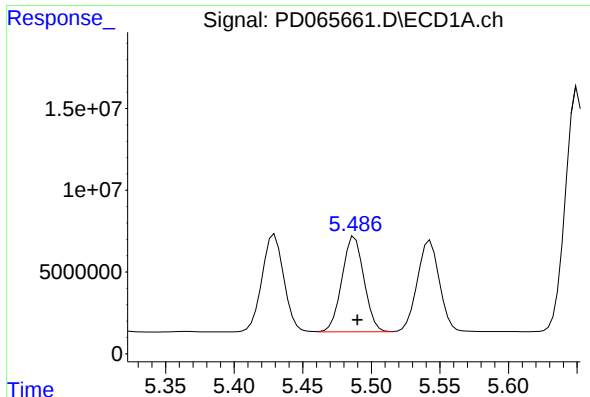
#25 Chlordane-3

R.T.: 5.430 min
Delta R.T.: -0.002 min
Response: 66120150
Conc: 441.55 ng/ml



#25 Chlordane-3

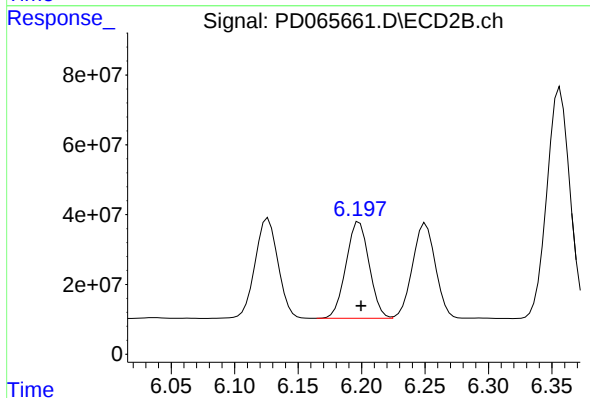
R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 358471961
Conc: 347.27 ng/ml



#26 Chlordane-4

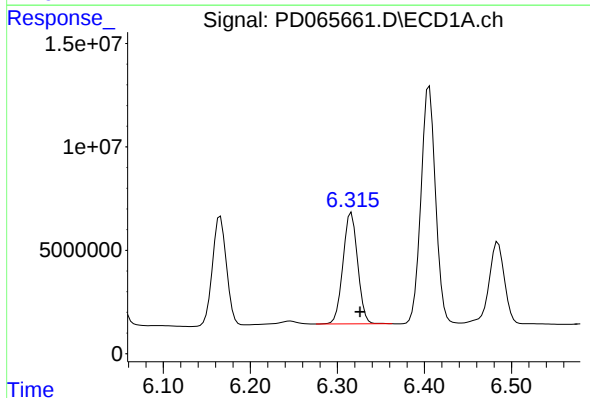
R.T.: 5.488 min
Delta R.T.: -0.002 min
Response: 65142811
Conc: 525.80 ng/ml

Instrument :
ECD_D
ClientSampleId :



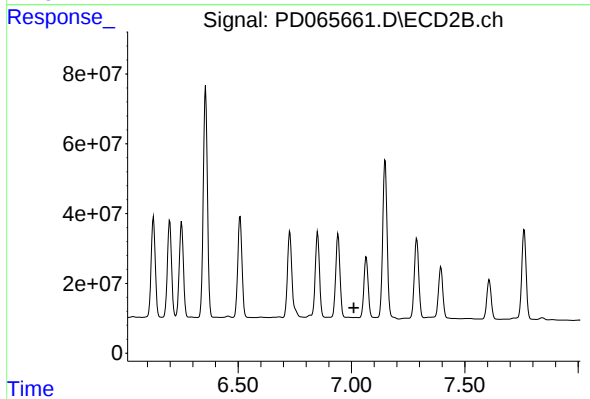
#26 Chlordane-4

R.T.: 6.198 min
Delta R.T.: -0.001 min
Response: 351184484
Conc: 290.99 ng/ml



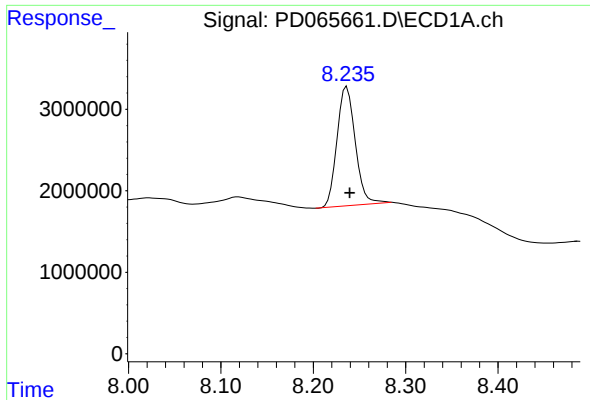
#27 Chlordane-5

R.T.: 6.316 min
Delta R.T.: -0.010 min
Response: 62939906
Conc: 1043.10 ng/ml



#27 Chlordane-5

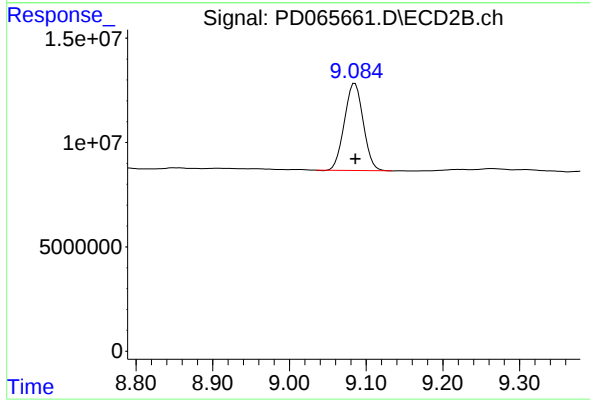
R.T.: 0.000 min
Exp R.T. : 7.010 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.236 min
Delta R.T.: -0.003 min
Response: 20211753
Conc: 11.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.000 min
Response: 71768883
Conc: 13.45 ng/ml