

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090721\
 Data File : PD065612.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2021 01:29
 Operator : AR\AJ
 Sample : M3658-05MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 10:48:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 04 01:23:47 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...	3.495	4.013	11352787	83078885	11.584	11.335
2)	SA Decachlor...	8.237	9.086	23101087	100.2E6	13.399	18.784 #
Target Compounds							
2)	A alpha-BHC	3.935	4.408	45683255	268.7E6	31.709	25.404
3)	MA gamma-BHC...	4.218	4.695	45281579	246.2E6	31.371	24.988
4)	MA Heptachlor	4.516	5.198	43815639	208.6E6	28.869	22.944
5)	MB Aldrin	4.764	5.504	40208502	184.8E6	28.136	21.907
6)	B beta-BHC	4.466	4.870	20278029	98094466	25.219	21.071
7)	B delta-BHC	4.670	5.087	45595172	225.9E6	30.574	24.297
8)	B Heptachlo...	5.206	5.892	42163786	199.1E6	28.907	27.649
9)	A Endosulfan I	5.544	6.251	41919630	150.6E6	29.573	21.376 #
10)	B gamma-Chl...	5.431	6.127	38779081	161.7E6	25.389	21.533
11)	B alpha-Chl...	5.489	6.199	42870440	183.1E6	28.479	24.866
12)	B 4,4'-DDE	5.652	6.357	84464848	349.3E6	59.236	48.351
13)	MA Dieldrin	5.787	6.508	59513988	220.5E6	38.459	29.225
14)	MA Endrin	6.044	6.728	54360536	191.7E6	39.536	32.129
15)	B Endosulfa...	6.316	6.941	46287400	139.9E6	32.228	21.823 #
16)	A 4,4'-DDD	6.166	6.851	37477709	268.9E6	29.397	43.071 #
17)	MA 4,4'-DDT	6.406	7.148	129.0E6	321.9E6	93.710	52.847 #
18)	B Endrin al...	6.486	7.066	49143378	146.2E6	38.962	26.761 #
19)	B Endosulfa...	6.694	7.288	73814046	137.5E6	47.772	21.504 #
20)	A Methoxychlor	6.933f	7.608	85524121	115.2E6	101.994	35.383 #
21)	B Endrin ke...	7.190	7.762	73975582	231.2E6	39.786	30.559
22)	Mirex	7.376	8.210	50493100	203.1E6	32.208	38.405
23)	Chlordane-1	4.363	5.004	4989839	373989	120.674	1.282 #
24)	Chlordane-2	0.000	5.504f	0	184.8E6	N.D.	656.685 #
25)	Chlordane-3	5.431	6.127	38779081	161.7E6	258.965	156.644 #
26)	Chlordane-4	5.489	6.199	42870440	183.1E6	346.032	151.746 #
27)	Chlordane-5	6.316	0.000	46287400	0	767.118	N.D. #

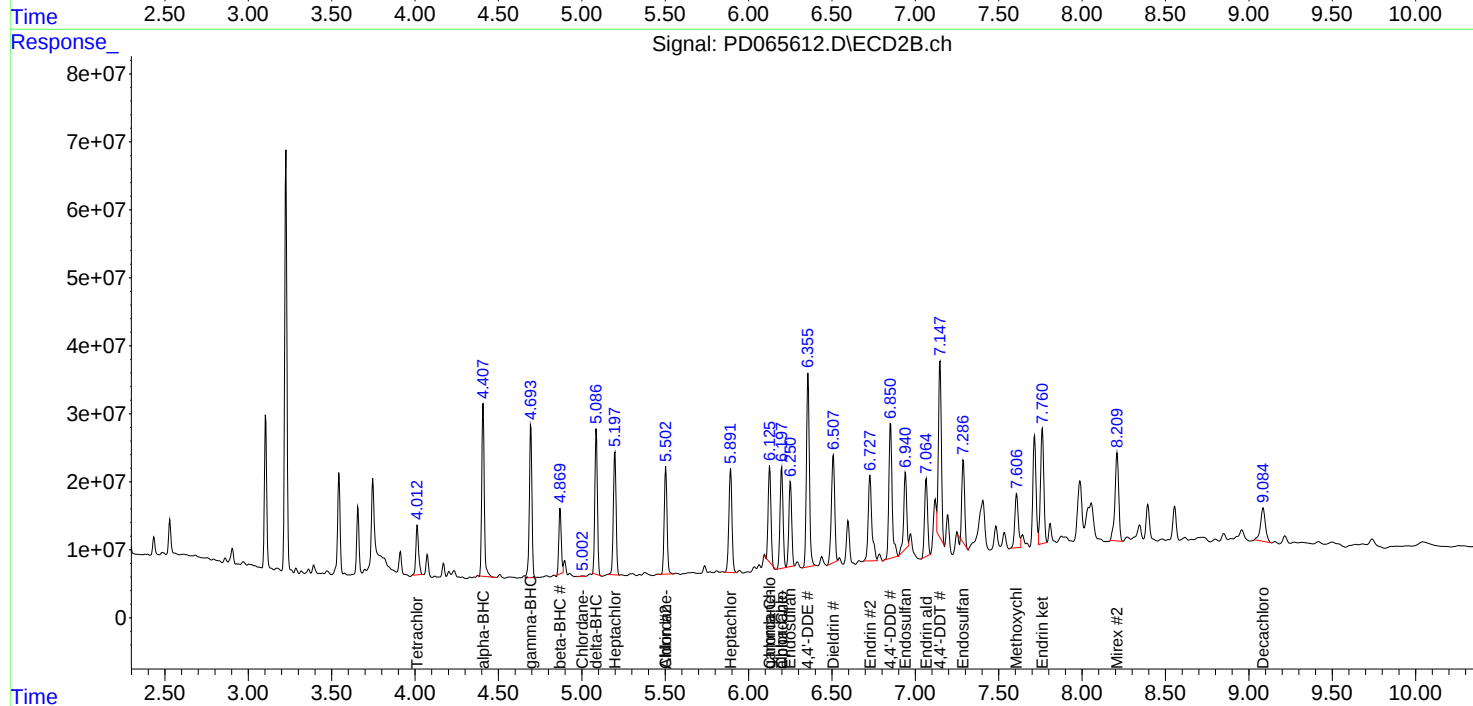
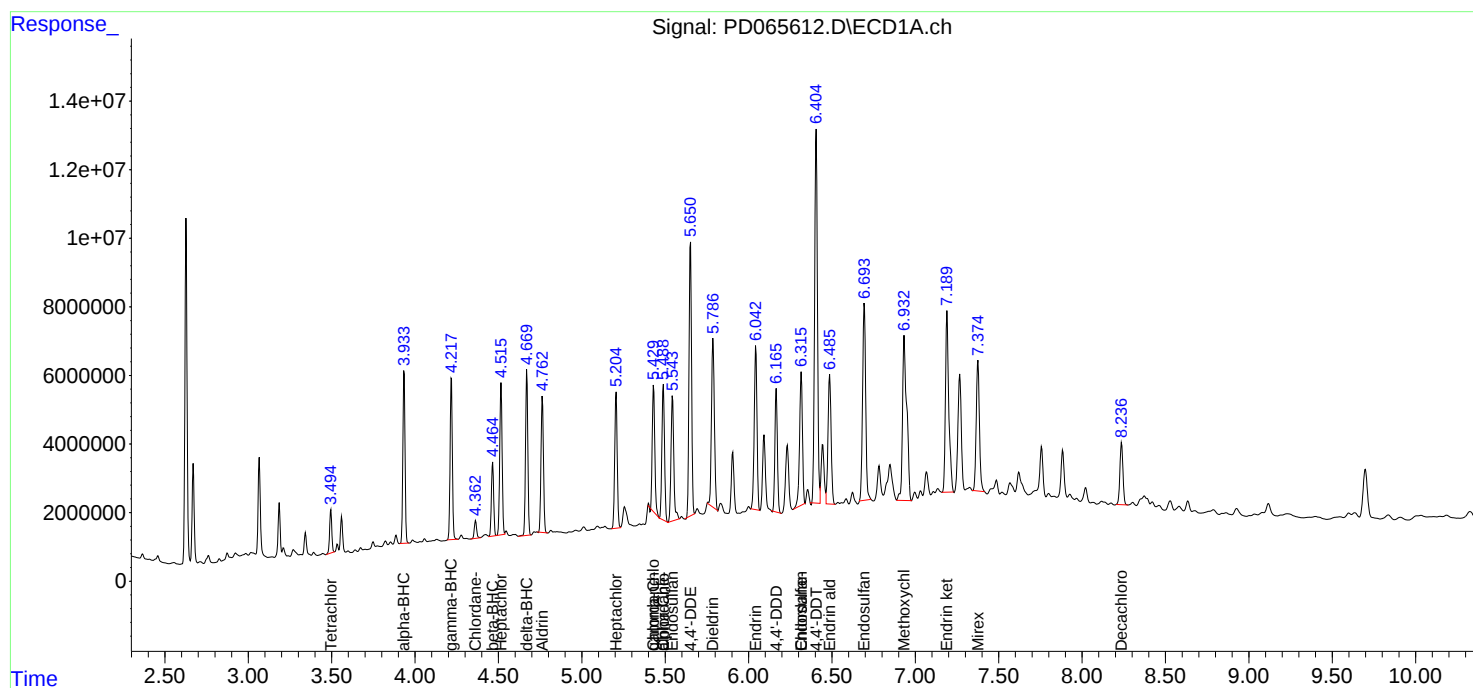
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

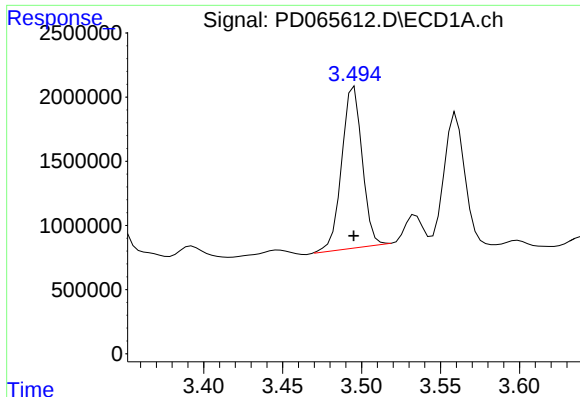
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090721\
Data File : PD065612.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2021 01:29
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Integration File signal 1: autoint1.e
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Quant Time: Sep 08 10:48:11 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
Quant Title : GC Extractables
QLast Update : Sat Sep 04 01:23:47 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

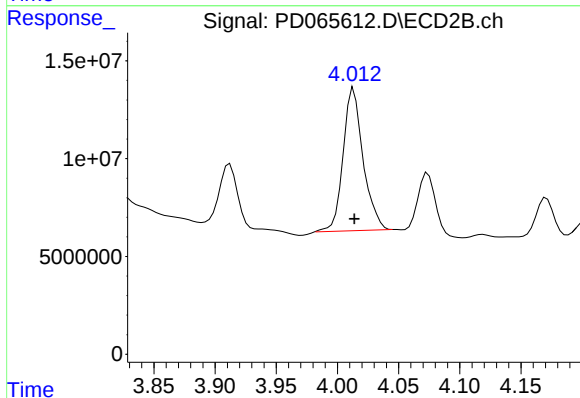




#1 Tetrachloro-m-xylene

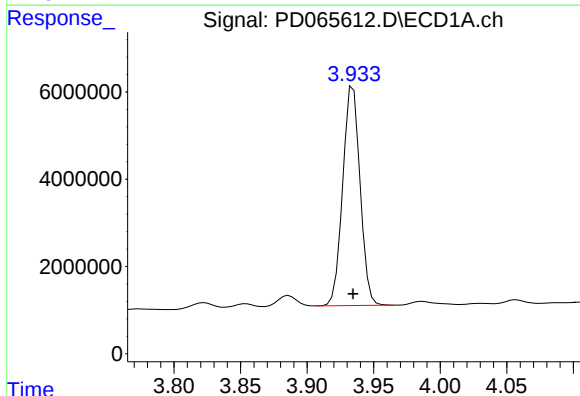
R.T.: 3.495 min
Delta R.T.: 0.000 min
Response: 11352787
Conc: 11.58 ng/ml

Instrument :
ECD_D
ClientSampleId :



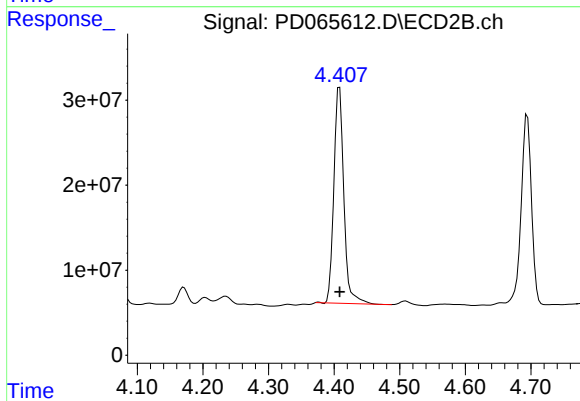
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 83078885
Conc: 11.34 ng/ml



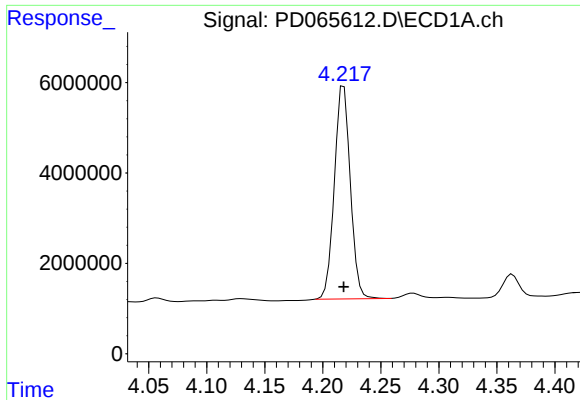
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 45683255
Conc: 31.71 ng/ml



#2 alpha-BHC

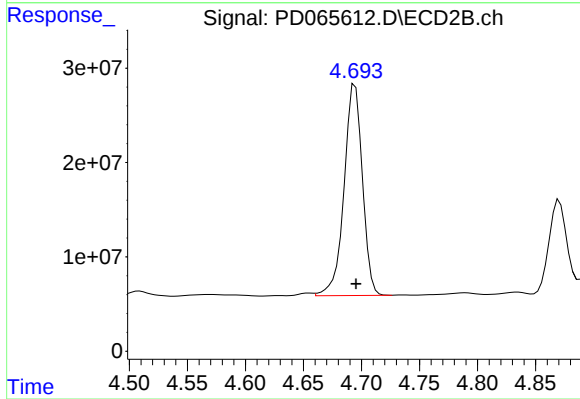
R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 268741050
Conc: 25.40 ng/ml



#3 gamma-BHC (Lindane)

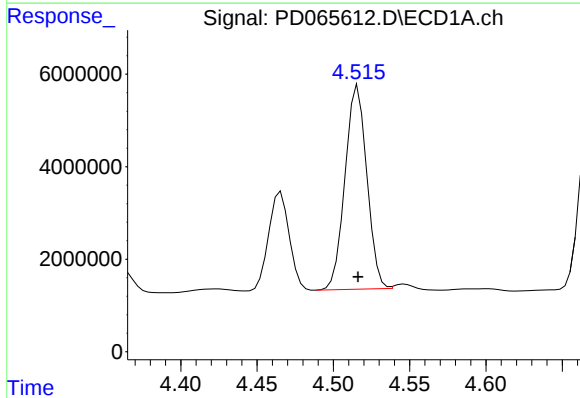
R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 45281579
Conc: 31.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



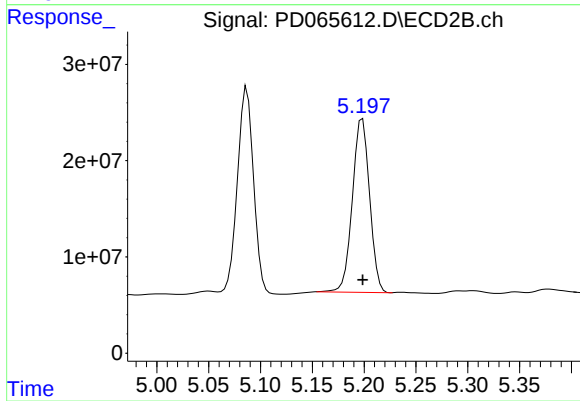
#3 gamma-BHC (Lindane)

R.T.: 4.695 min
Delta R.T.: 0.000 min
Response: 246230277
Conc: 24.99 ng/ml



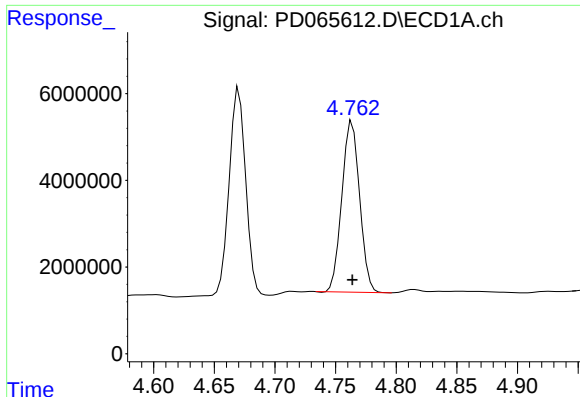
#4 Heptachlor

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 43815639
Conc: 28.87 ng/ml



#4 Heptachlor

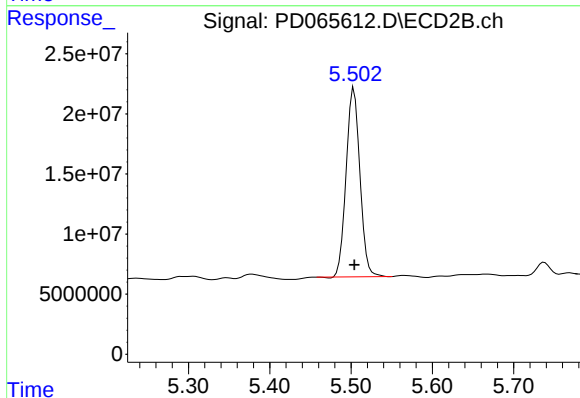
R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 208620489
Conc: 22.94 ng/ml



#5 Aldrin

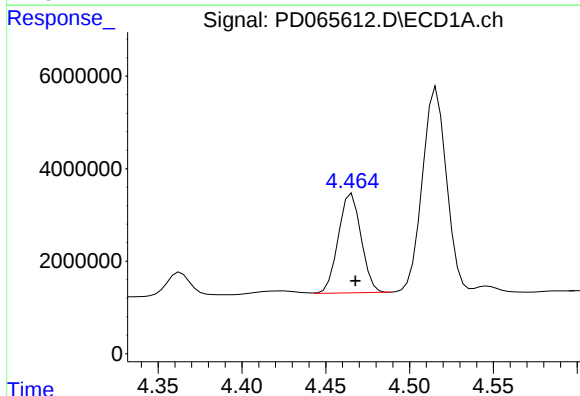
R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 40208502
Conc: 28.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



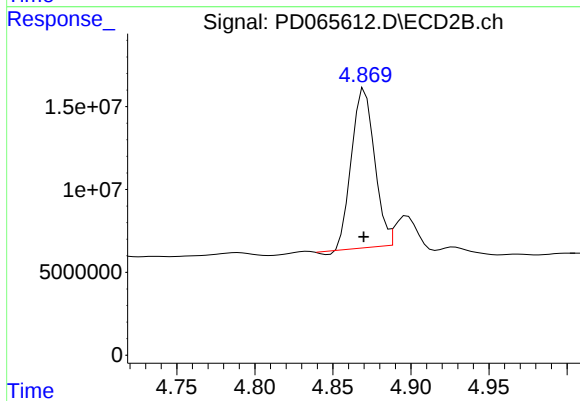
#5 Aldrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 184827890
Conc: 21.91 ng/ml



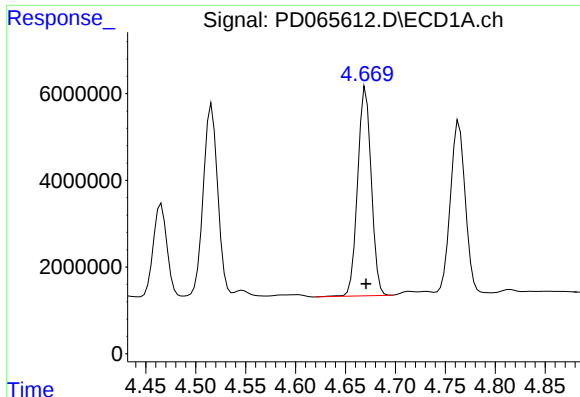
#6 beta-BHC

R.T.: 4.466 min
Delta R.T.: -0.002 min
Response: 20278029
Conc: 25.22 ng/ml



#6 beta-BHC

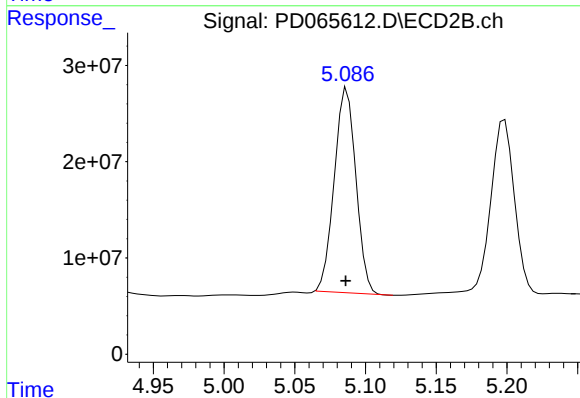
R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 98094466
Conc: 21.07 ng/ml



#7 delta-BHC

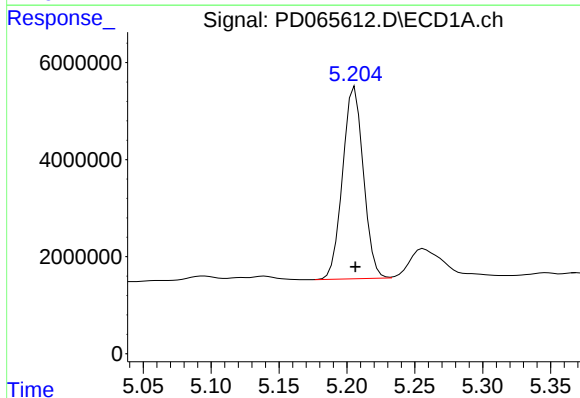
R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 45595172
Conc: 30.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



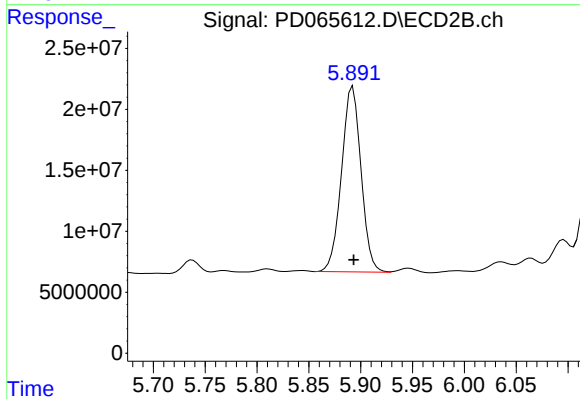
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 225912791
Conc: 24.30 ng/ml



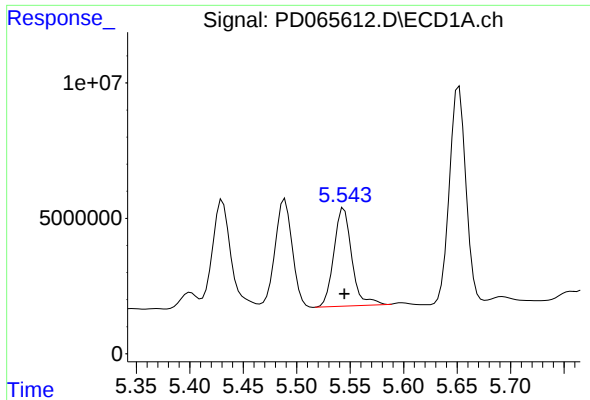
#8 Heptachlor epoxide

R.T.: 5.206 min
Delta R.T.: 0.000 min
Response: 42163786
Conc: 28.91 ng/ml



#8 Heptachlor epoxide

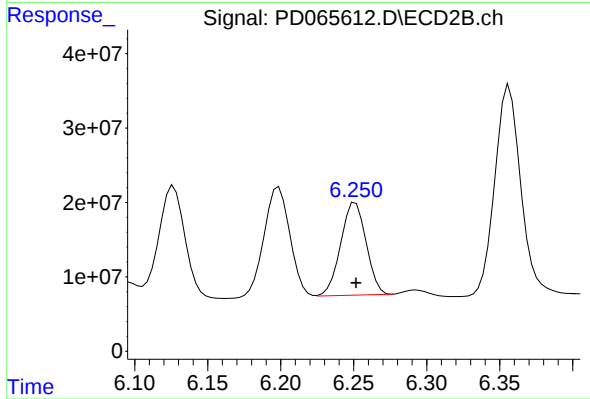
R.T.: 5.892 min
Delta R.T.: -0.001 min
Response: 199136515
Conc: 27.65 ng/ml



#9 Endosulfan I

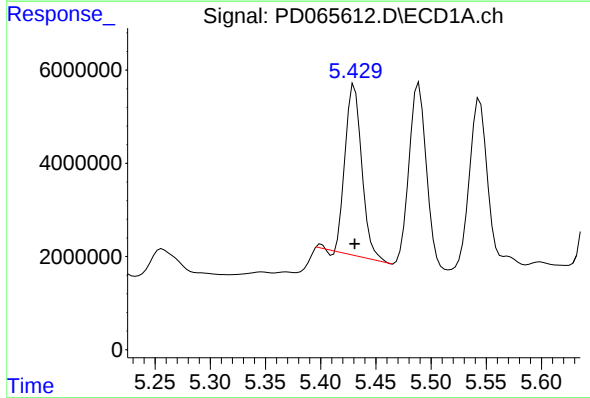
R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 41919630
Conc: 29.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



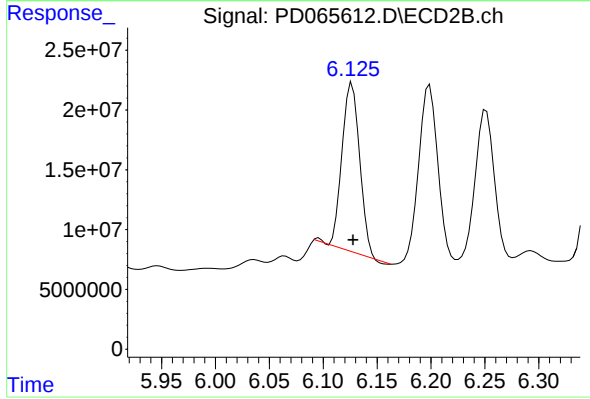
#9 Endosulfan I

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 150550455
Conc: 21.38 ng/ml



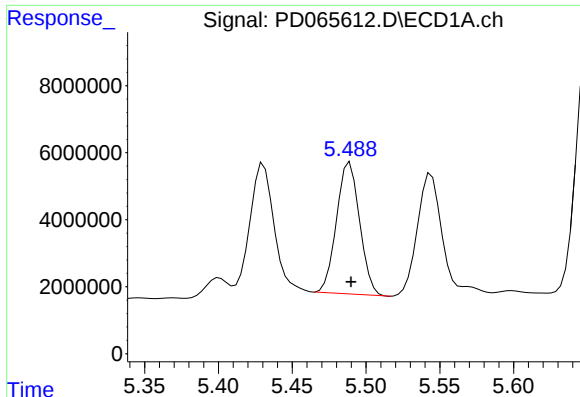
#10 gamma-Chlordane

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 38779081
Conc: 25.39 ng/ml



#10 gamma-Chlordane

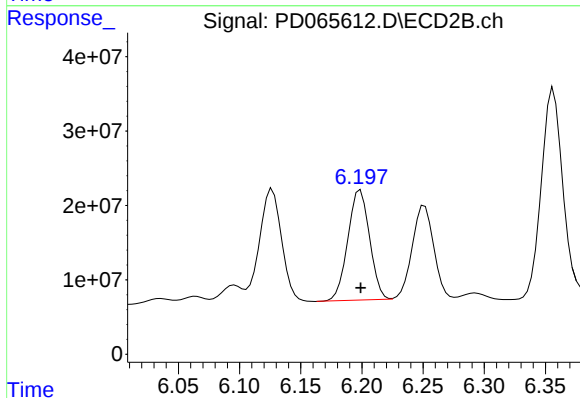
R.T.: 6.127 min
Delta R.T.: -0.001 min
Response: 161697198
Conc: 21.53 ng/ml



#11 alpha-Chlordane

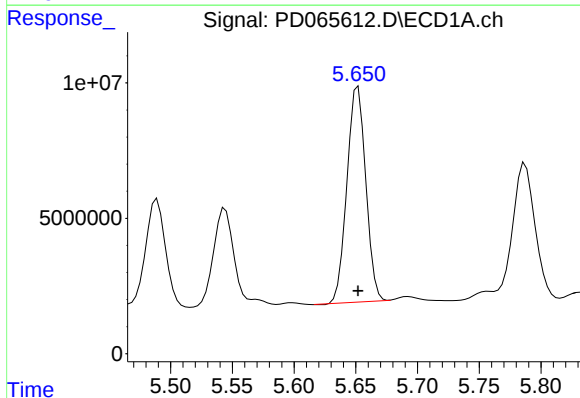
R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 42870440
Conc: 28.48 ng/ml

Instrument :
ECD_D
ClientSampleId :



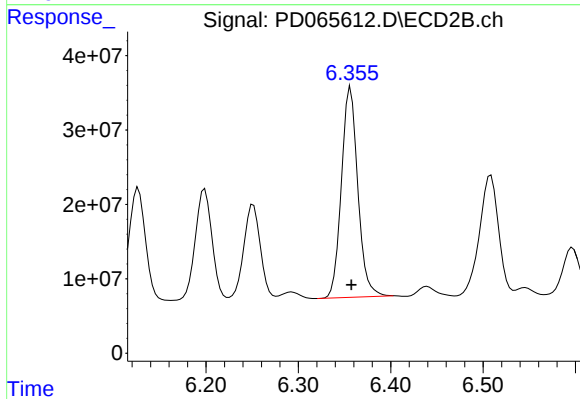
#11 alpha-Chlordane

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 183136279
Conc: 24.87 ng/ml



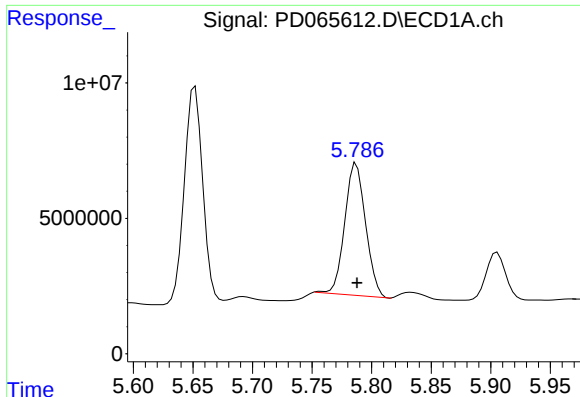
#12 4,4'-DDE

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 84464848
Conc: 59.24 ng/ml



#12 4,4'-DDE

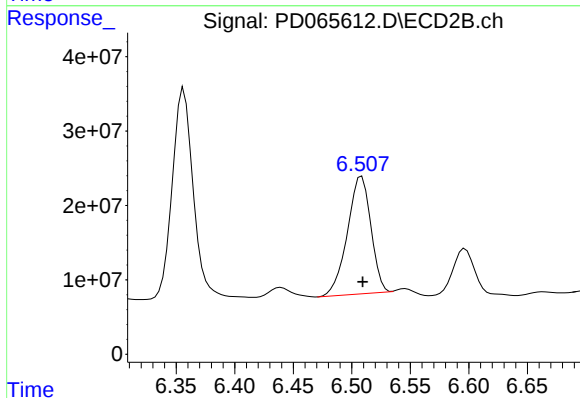
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 349332530
Conc: 48.35 ng/ml



#13 Dieldrin

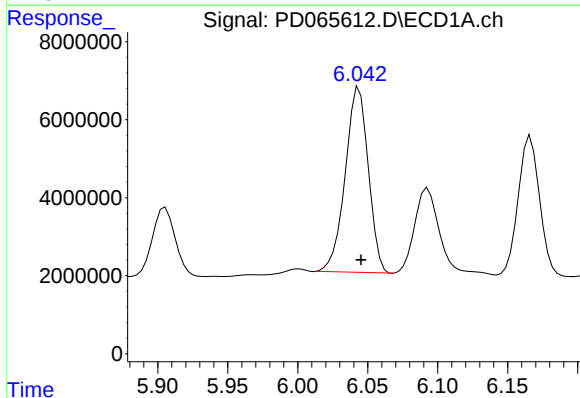
R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 59513988
Conc: 38.46 ng/ml

Instrument :
ECD_D
ClientSampleId :



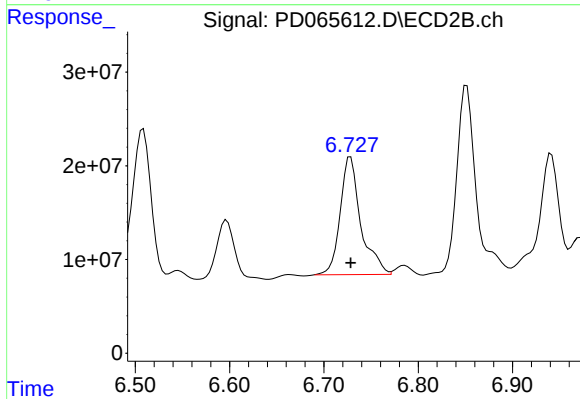
#13 Dieldrin

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 220487538
Conc: 29.23 ng/ml



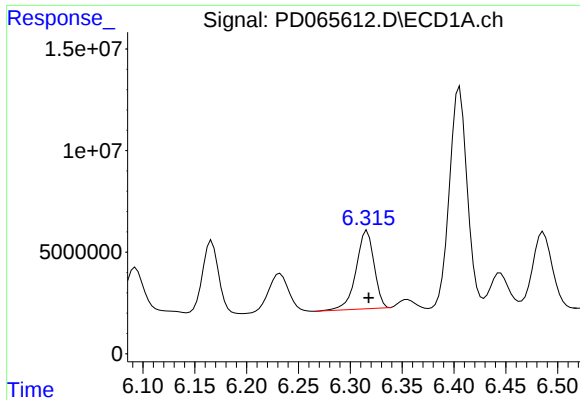
#14 Endrin

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 54360536
Conc: 39.54 ng/ml



#14 Endrin

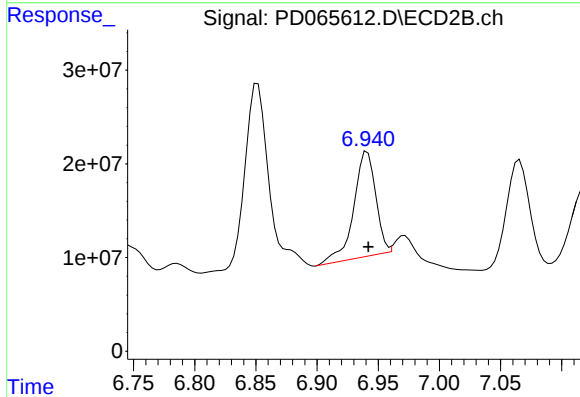
R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 191662812
Conc: 32.13 ng/ml



#15 Endosulfan II

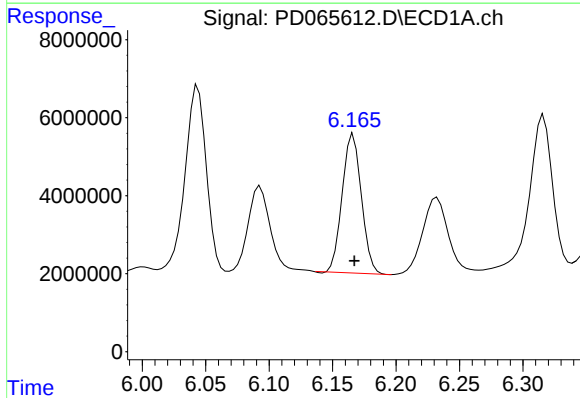
R.T.: 6.316 min
Delta R.T.: -0.001 min
Response: 46287400
Conc: 32.23 ng/ml

Instrument :
ECD_D
ClientSampleId :



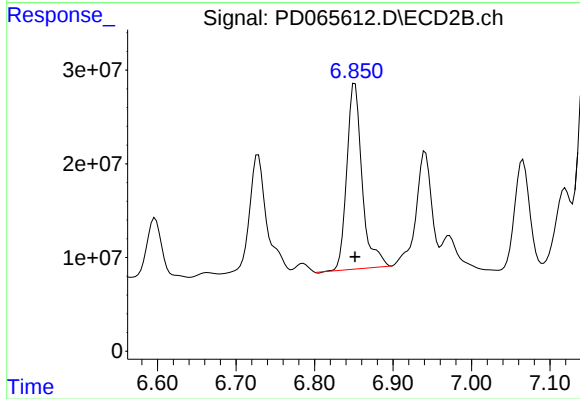
#15 Endosulfan II

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 139904045
Conc: 21.82 ng/ml



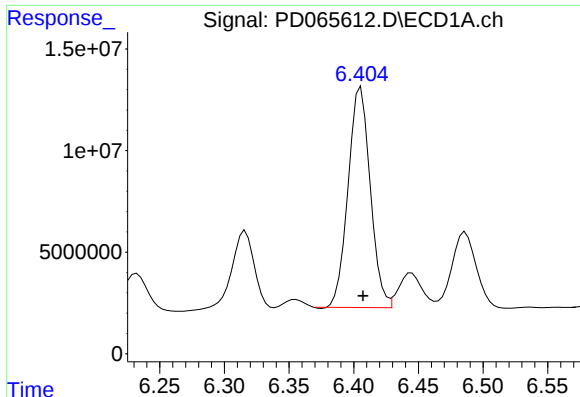
#16 4,4'-DDD

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 37477709
Conc: 29.40 ng/ml



#16 4,4'-DDD

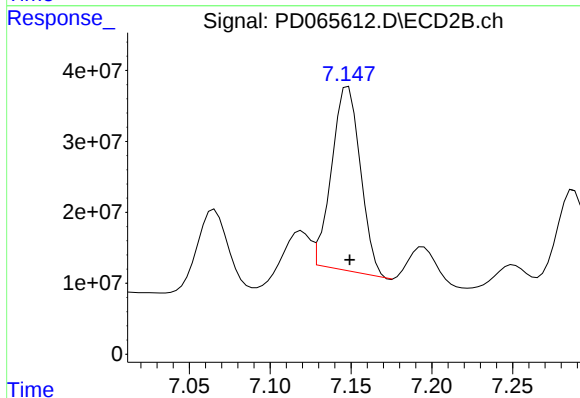
R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 268869368
Conc: 43.07 ng/ml



#17 4,4'-DDT

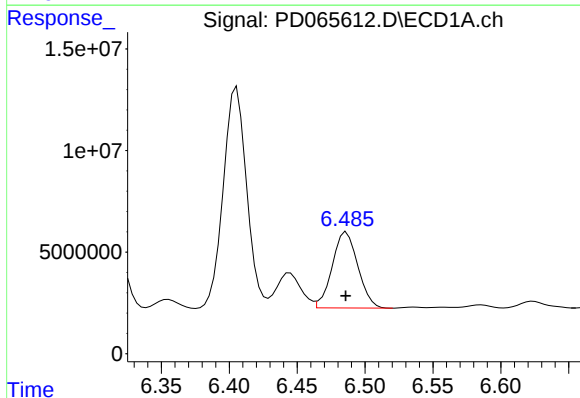
R.T.: 6.406 min
Delta R.T.: -0.002 min
Response: 128981952
Conc: 93.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



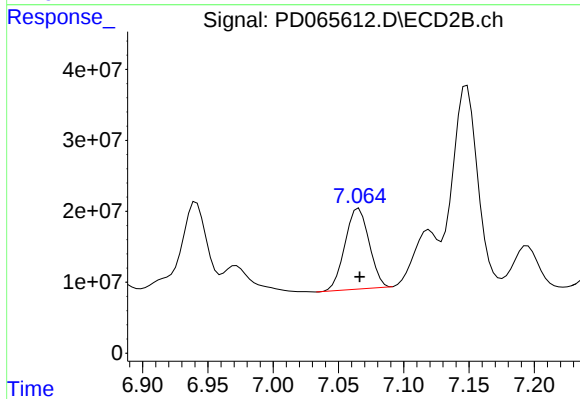
#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 321904477
Conc: 52.85 ng/ml



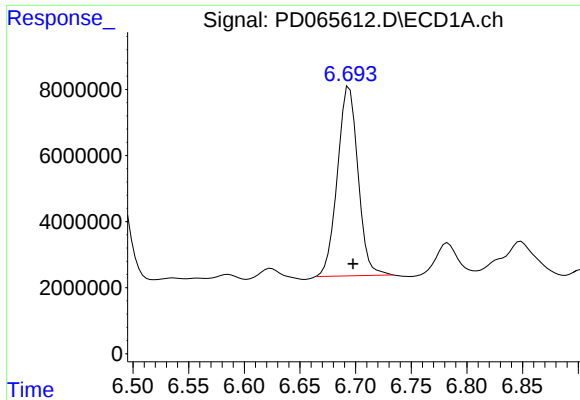
#18 Endrin aldehyde

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 49143378
Conc: 38.96 ng/ml



#18 Endrin aldehyde

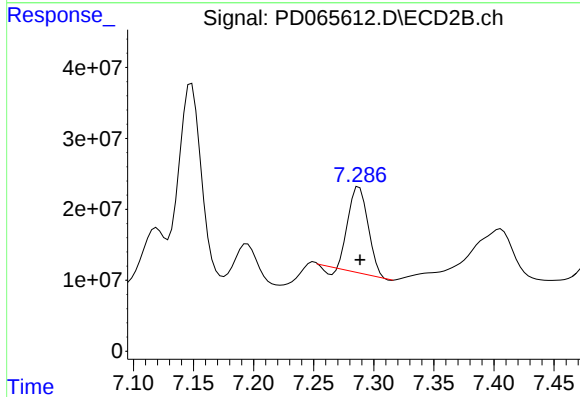
R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 146211110
Conc: 26.76 ng/ml



#19 Endosulfan Sulfate

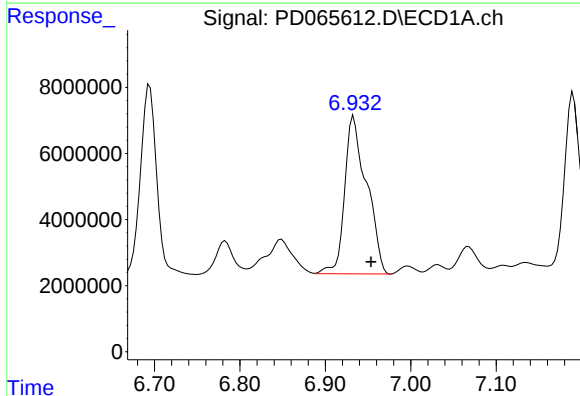
R.T.: 6.694 min
Delta R.T.: -0.003 min
Response: 73814046
Conc: 47.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



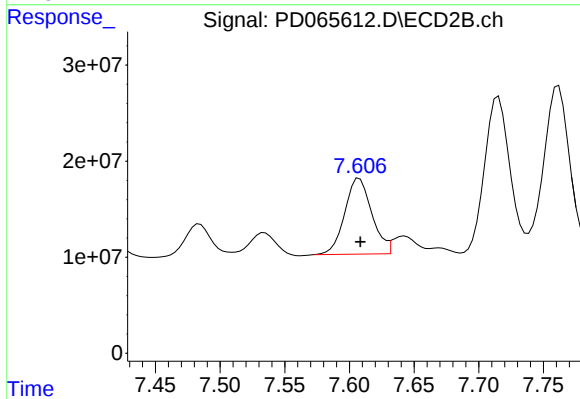
#19 Endosulfan Sulfate

R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 137469735
Conc: 21.50 ng/ml



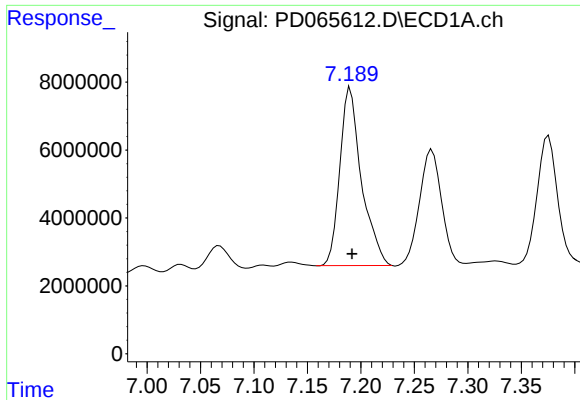
#20 Methoxychlor

R.T.: 6.933 min
Delta R.T.: -0.020 min
Response: 85524121
Conc: 101.99 ng/ml



#20 Methoxychlor

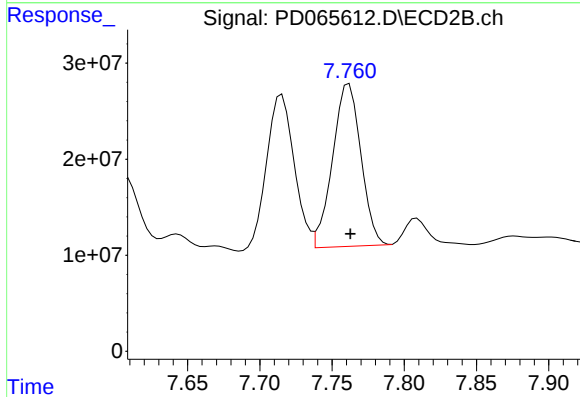
R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 115172466
Conc: 35.38 ng/ml



#21 Endrin ketone

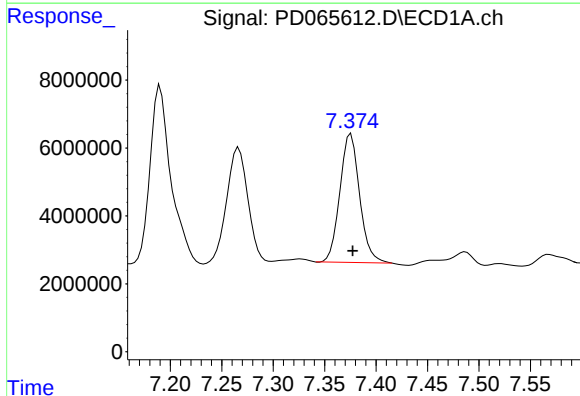
R.T.: 7.190 min
Delta R.T.: -0.002 min
Response: 73975582
Conc: 39.79 ng/ml

Instrument :
ECD_D
ClientSampleId :



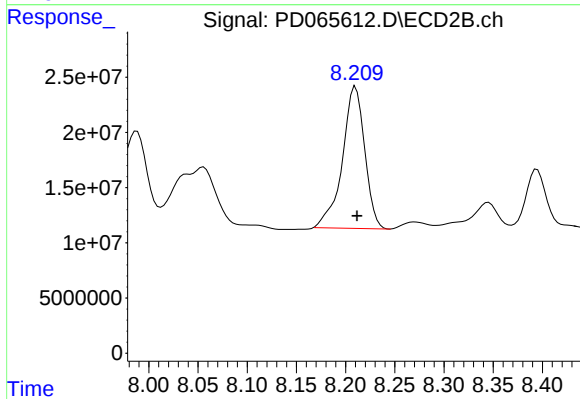
#21 Endrin ketone

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 231181565
Conc: 30.56 ng/ml



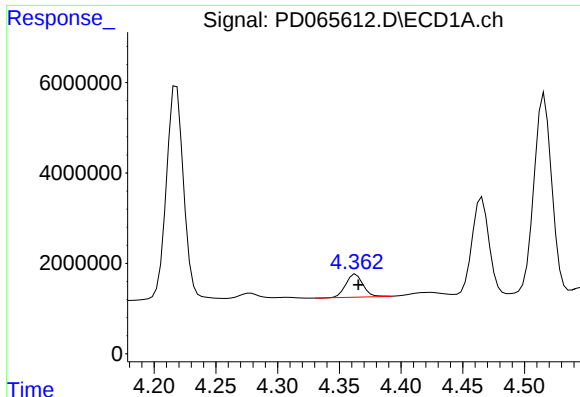
#22 Mirex

R.T.: 7.376 min
Delta R.T.: -0.002 min
Response: 50493100
Conc: 32.21 ng/ml



#22 Mirex

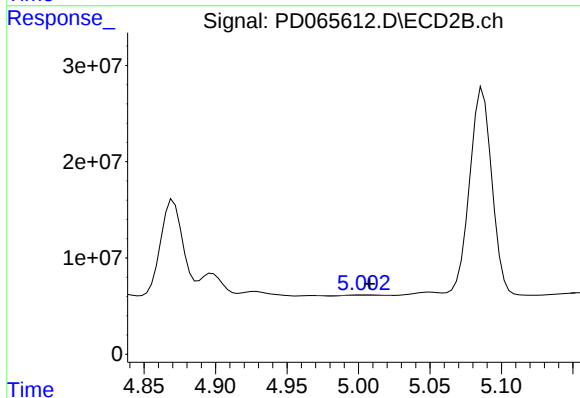
R.T.: 8.210 min
Delta R.T.: -0.001 min
Response: 203128964
Conc: 38.41 ng/ml



#23 Chlordane-1

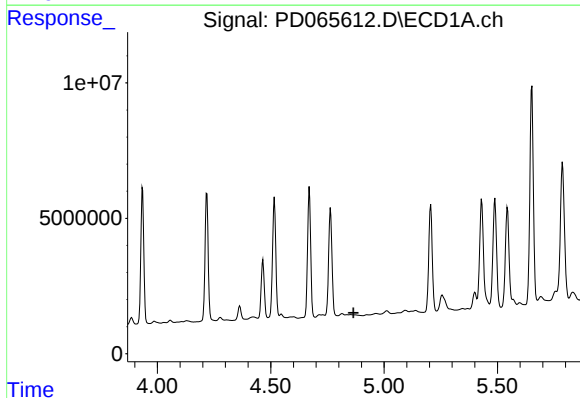
R.T.: 4.363 min
Delta R.T.: -0.002 min
Response: 4989839
Conc: 120.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



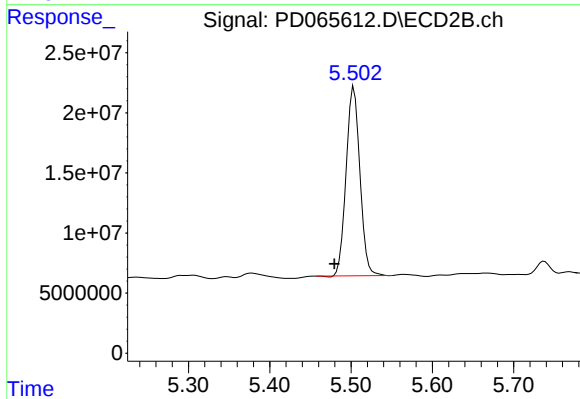
#23 Chlordane-1

R.T.: 5.004 min
Delta R.T.: -0.004 min
Response: 373989
Conc: 1.28 ng/ml



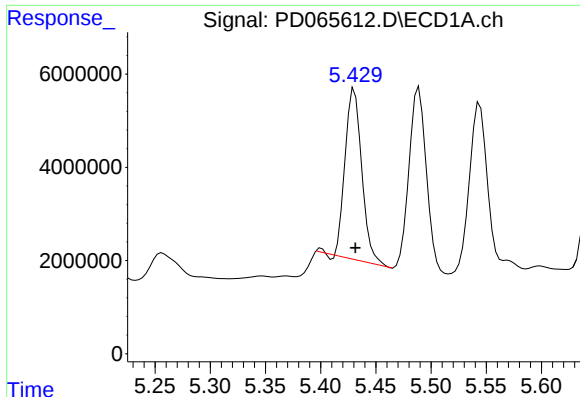
#24 Chlordane-2

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



#24 Chlordane-2

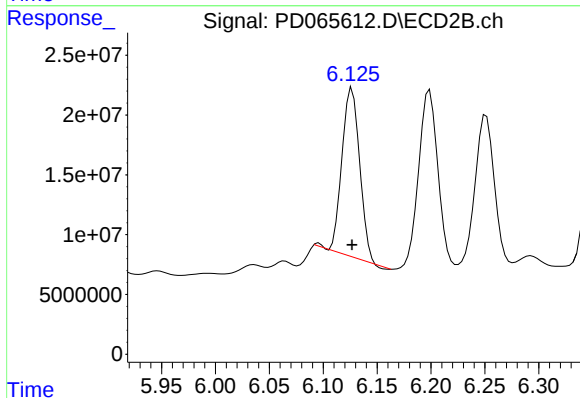
R.T.: 5.504 min
Delta R.T.: 0.024 min
Response: 184827890
Conc: 656.68 ng/ml



#25 Chlordane-3

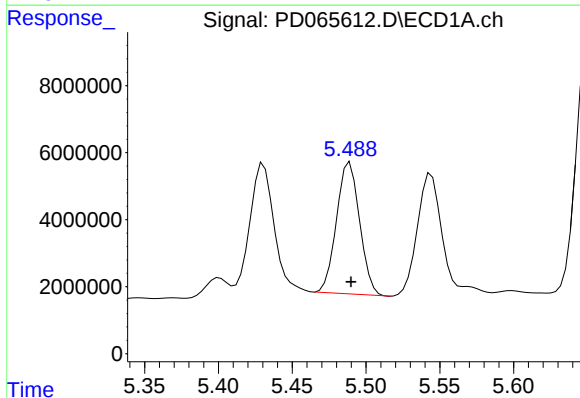
R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 38779081
Conc: 258.96 ng/ml

Instrument :
ECD_D
ClientSampleId :



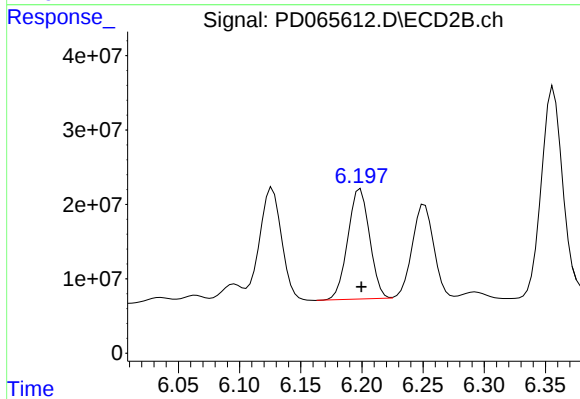
#25 Chlordane-3

R.T.: 6.127 min
Delta R.T.: 0.000 min
Response: 161697198
Conc: 156.64 ng/ml



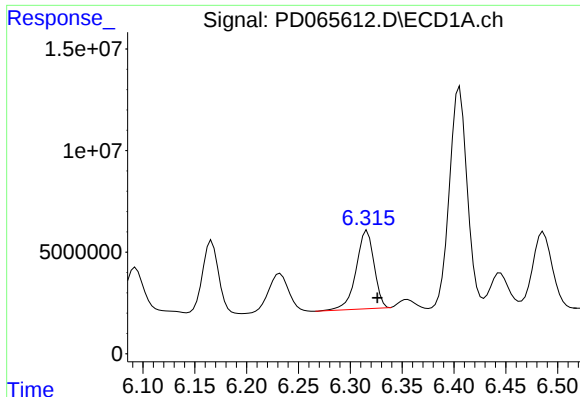
#26 Chlordane-4

R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 42870440
Conc: 346.03 ng/ml



#26 Chlordane-4

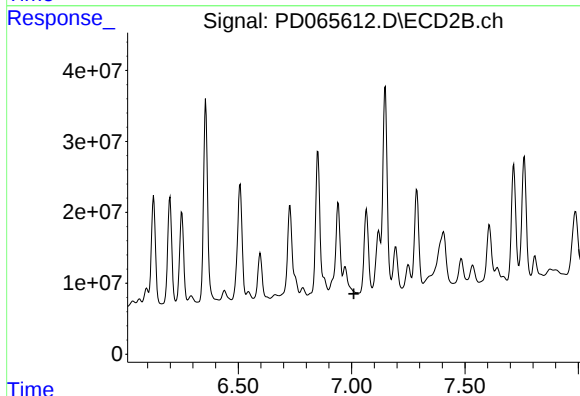
R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 183136279
Conc: 151.75 ng/ml



#27 Chlordane-5

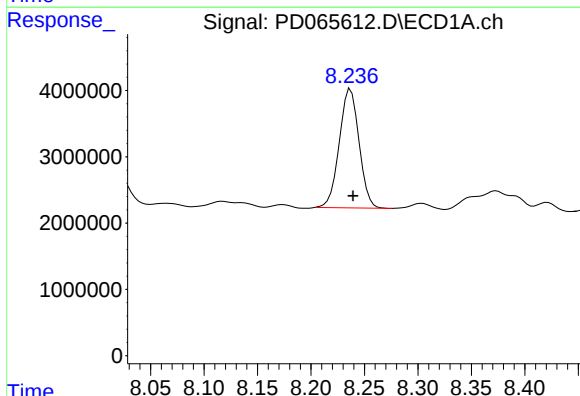
R.T.: 6.316 min
Delta R.T.: -0.010 min
Response: 46287400
Conc: 767.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



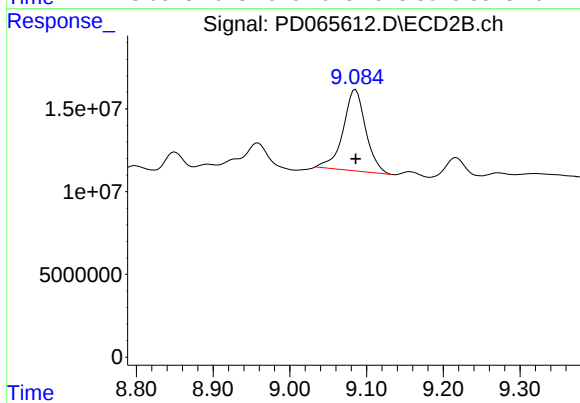
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.237 min
Delta R.T.: -0.002 min
Response: 23101087
Conc: 13.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.000 min
Response: 100231580
Conc: 18.78 ng/ml