

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050525\
 Data File : PD088431.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2025 18:29
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 HEXANE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 01:46:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.550	2.882	45359773	314.9E6	22.709	21.538
28)	SA Decachlor...	9.073	8.075	76603728	385.4E6	23.156	20.857
Target Compounds							
2)	A alpha-BHC	3.999	3.394	44806064	256.2E6	10.391	11.207
3)	MA gamma-BHC...	4.330	3.731	44663903	235.9E6	10.666	10.951
4)	MA Heptachlor	0.000	4.082	0	1512774	N.D.	0.071 #
5)	MB Aldrin	5.244f	4.369	244366	1106933	0.062	0.053
6)	B beta-BHC	4.515	4.027	19213568	106.3E6	11.836	11.490
7)	B delta-BHC	4.778	4.256	1948104	931349	0.472	0.044 #
8)	B Heptachlo...	5.674f	4.873	483403	1063572	0.135	0.056 #
9)	A Endosulfan I	0.000	5.231f	0	2404070	N.D.	0.133 #
10)	B gamma-Chl...	5.946	5.128	470270	31881656	0.130	1.571 #
11)	B alpha-Chl...	6.033	5.192	508584	5767172	0.141	0.294 #
12)	B 4,4'-DDE	6.196	5.378	800467	5814206	0.243	0.295
13)	MA Dieldrin	6.366f	5.543f	3383733	1700087	0.948	0.085 #
14)	MA Endrin	6.575	5.791	160.4E6	852.9E6	53.775	46.856
15)	B Endosulfa...	6.770f	6.089	151912	10776331	0.049	0.615 #
16)	A 4,4'-DDD	6.705	5.932	29561239	205.1E6	11.754	12.515
17)	MA 4,4'-DDT	7.021	6.185	234.5E6	1218.5E6	84.426	71.607
18)	B Endrin al...	6.916	6.260	2958116	20952970	1.282	1.575
19)	B Endosulfa...	0.000	6.463f	0	2859272	N.D.	0.167 #
20)	A Methoxychlor	7.493	6.756	299.8E6	1398.7E6	199.913	153.344
21)	B Endrin ke...	7.630	6.993	8770449	65061091	2.841	3.478
22)	Mirex	0.000	7.181	0	905799	N.D.	0.061 #
23)	Chlordane-1	0.000	3.904	0	692170	N.D.	0.863 #
24)	Chlordane-2	5.244	4.489	244366	2341552	1.467	2.837 #
25)	Chlordane-3	5.946	5.128	470270	31881656	0.697	12.606 #
26)	Chlordane-4	6.033	5.192	508584	5767172	0.624	2.697 #
27)	Chlordane-5	0.000	6.089	0	10776331	N.D.	11.161 #

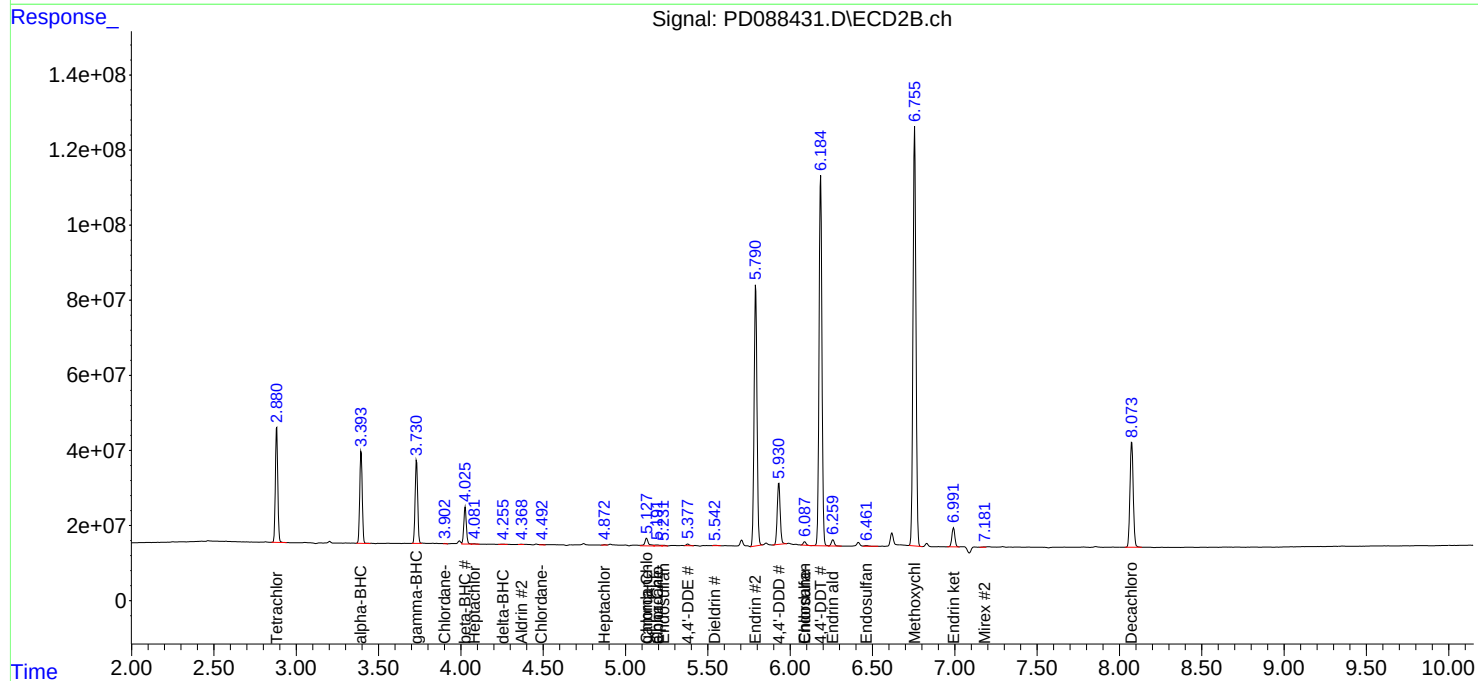
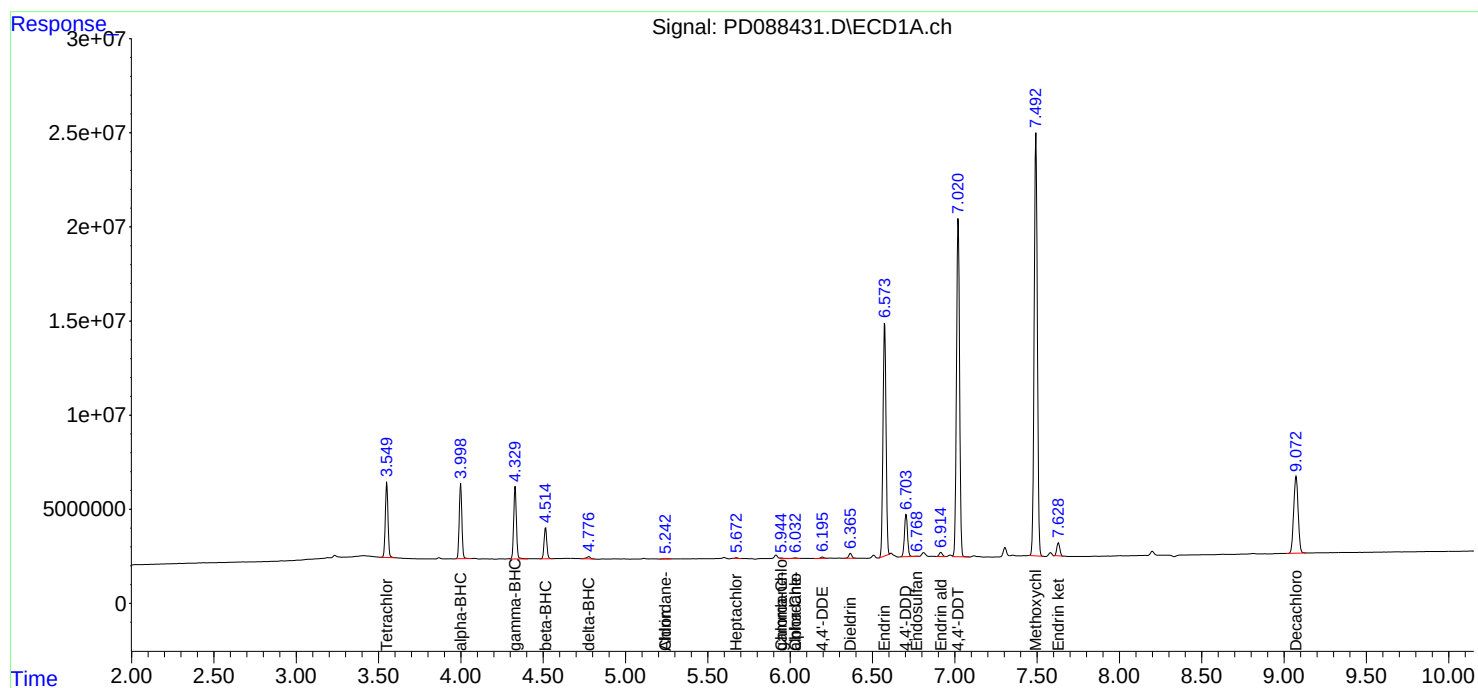
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

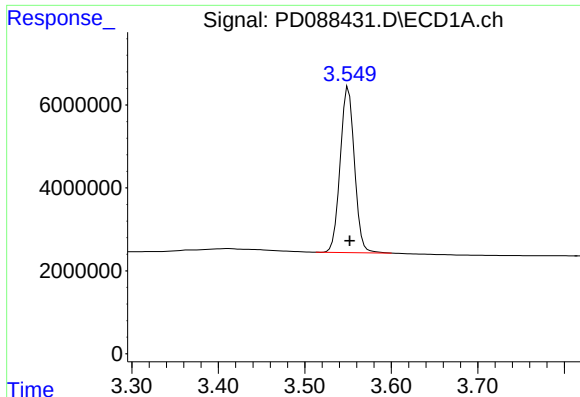
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050525\
Data File : PD088431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 18:29
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
HEXANE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 06 01:46:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

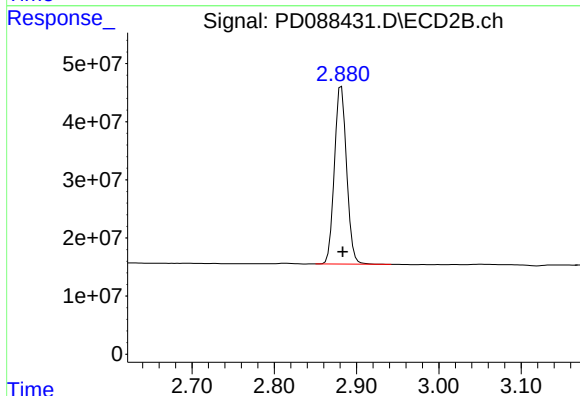




#1 Tetrachloro-m-xylene

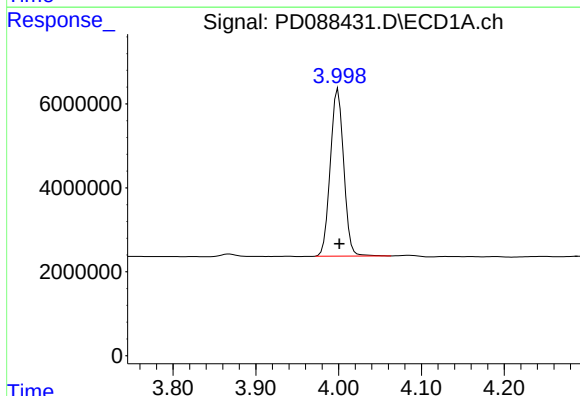
R.T.: 3.550 min
Delta R.T.: -0.002 min
Response: 45359773
Conc: 22.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
HEXANE



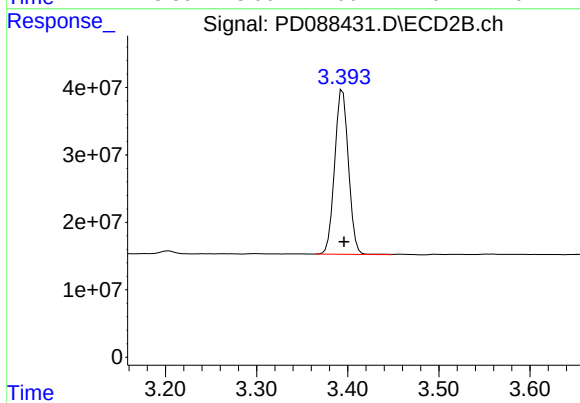
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: -0.001 min
Response: 314920937
Conc: 21.54 ng/ml



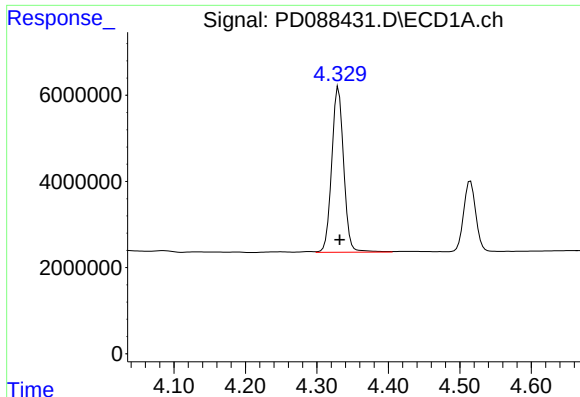
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 44806064
Conc: 10.39 ng/ml



#2 alpha-BHC

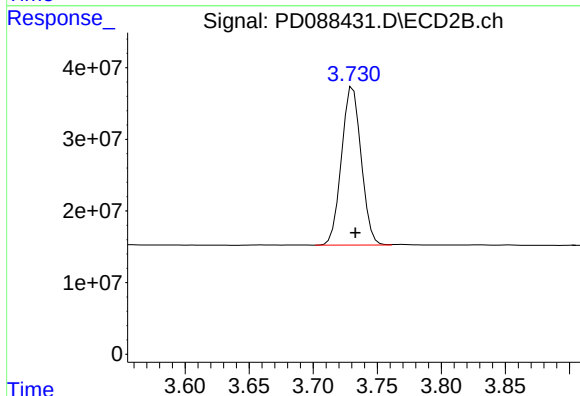
R.T.: 3.394 min
Delta R.T.: -0.002 min
Response: 256218117
Conc: 11.21 ng/ml



#3 gamma-BHC (Lindane)

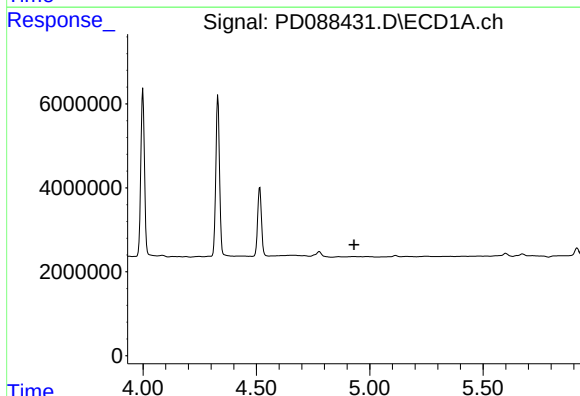
R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 44663903
Conc: 10.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
HEXANE



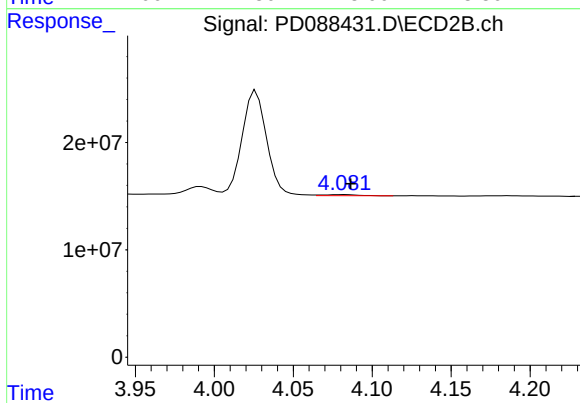
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 235865220
Conc: 10.95 ng/ml



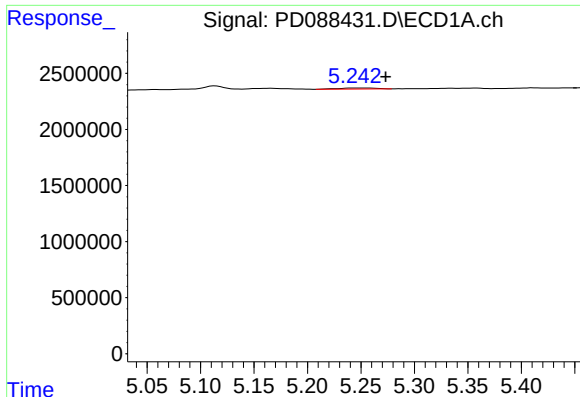
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.931 min
Response: 0
Conc: N.D.



#4 Heptachlor

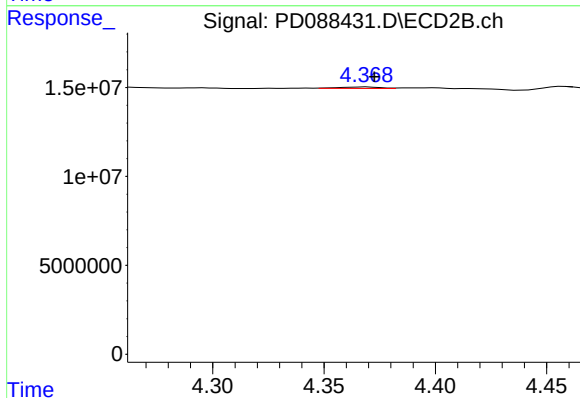
R.T.: 4.082 min
Delta R.T.: -0.004 min
Response: 1512774
Conc: 0.07 ng/ml



#5 Aldrin

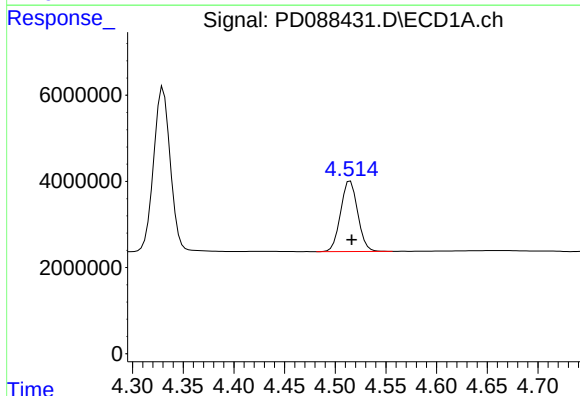
R.T.: 5.244 min
Delta R.T.: -0.029 min
Response: 244366
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
HEXANE



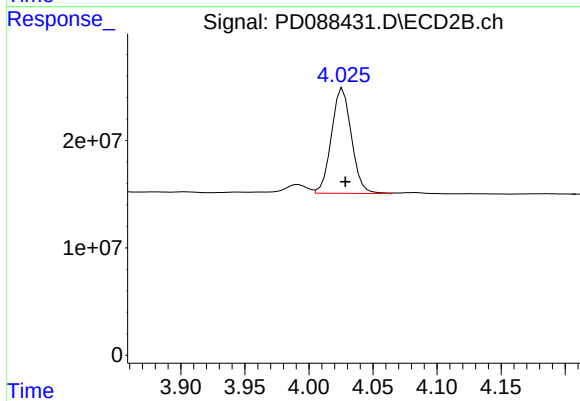
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: -0.003 min
Response: 1106933
Conc: 0.05 ng/ml



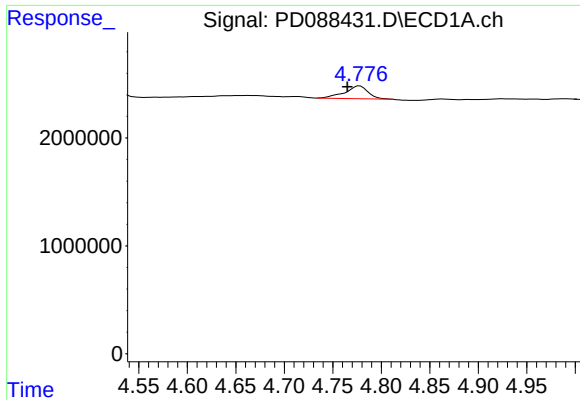
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 19213568
Conc: 11.84 ng/ml



#6 beta-BHC

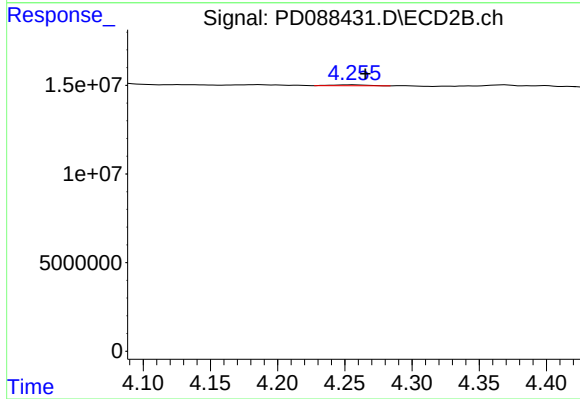
R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 106333846
Conc: 11.49 ng/ml



#7 delta-BHC

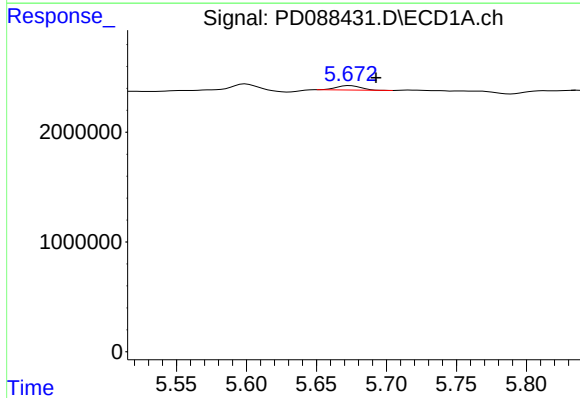
R.T.: 4.778 min
Delta R.T.: 0.013 min
Response: 1948104
Conc: 0.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
HEXANE



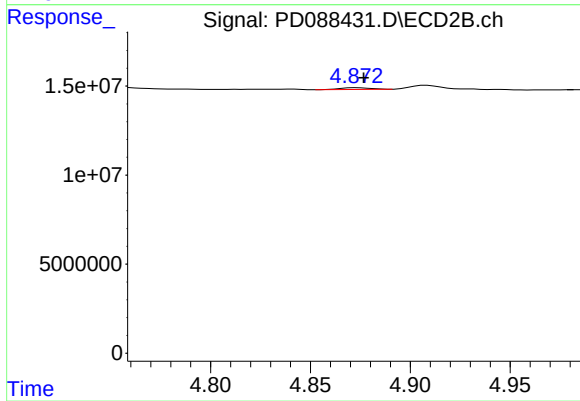
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: -0.009 min
Response: 931349
Conc: 0.04 ng/ml



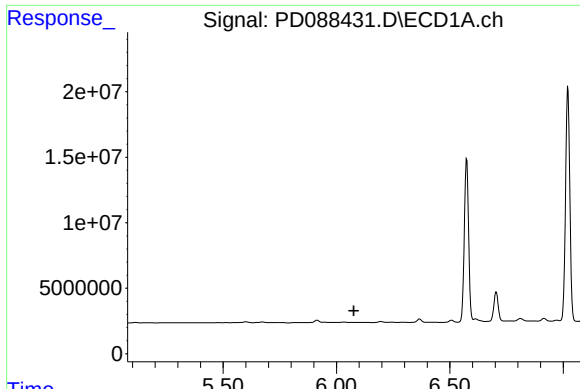
#8 Heptachlor epoxide

R.T.: 5.674 min
Delta R.T.: -0.019 min
Response: 483403
Conc: 0.14 ng/ml



#8 Heptachlor epoxide

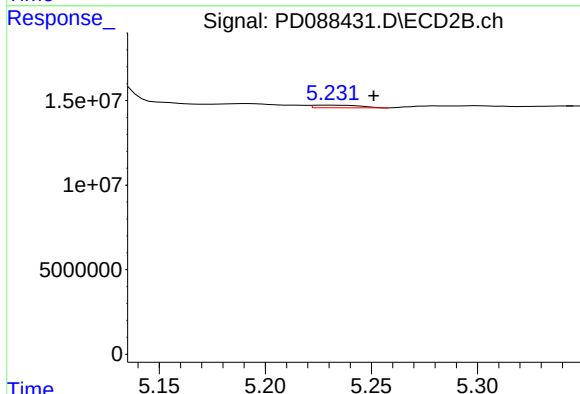
R.T.: 4.873 min
Delta R.T.: -0.003 min
Response: 1063572
Conc: 0.06 ng/ml



#9 Endosulfan I

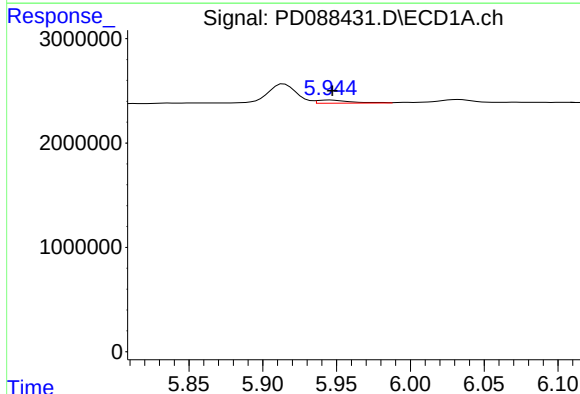
R.T.: 0.000 min
Exp R.T.: 6.076 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
HEXANE



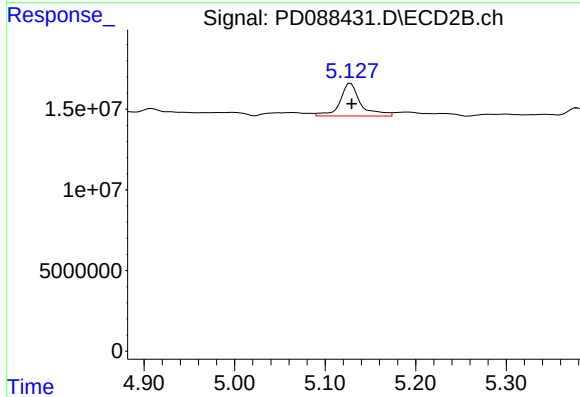
#9 Endosulfan I

R.T.: 5.231 min
Delta R.T.: -0.020 min
Response: 2404070
Conc: 0.13 ng/ml



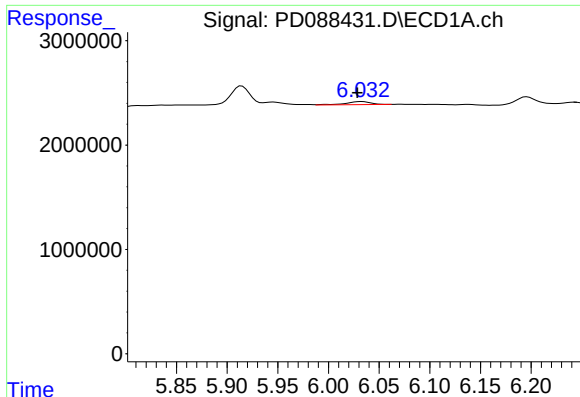
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: -0.002 min
Response: 470270
Conc: 0.13 ng/ml



#10 gamma-Chlordane

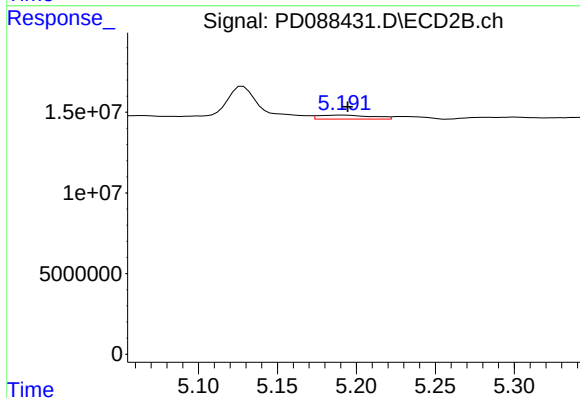
R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 31881656
Conc: 1.57 ng/ml



#11 alpha-Chlordane

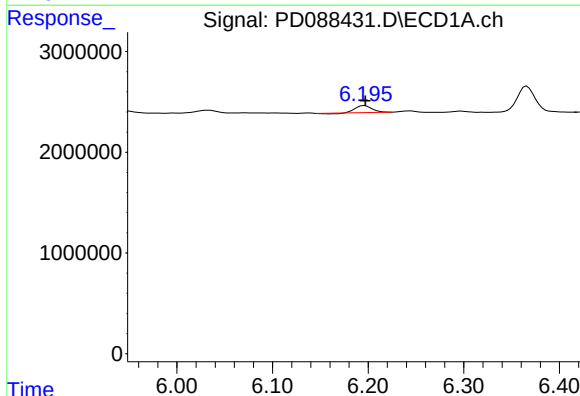
R.T.: 6.033 min
Delta R.T.: 0.004 min
Response: 508584
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
HEXANE



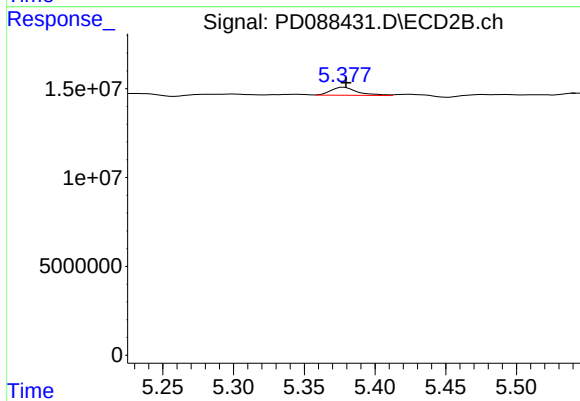
#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 5767172
Conc: 0.29 ng/ml



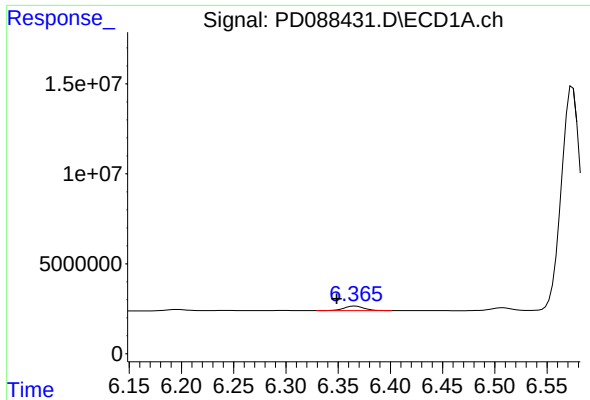
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: -0.001 min
Response: 800467
Conc: 0.24 ng/ml



#12 4,4'-DDE

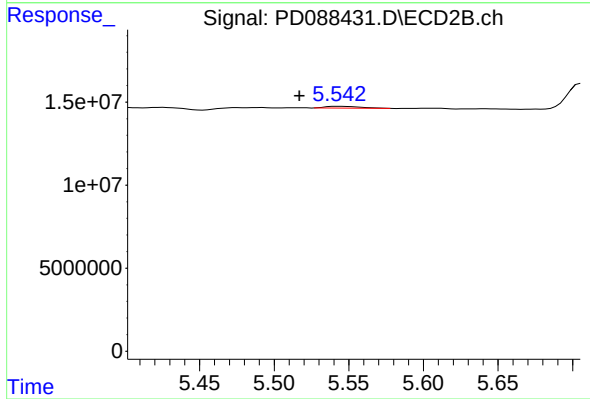
R.T.: 5.378 min
Delta R.T.: -0.001 min
Response: 5814206
Conc: 0.30 ng/ml



#13 Dieldrin

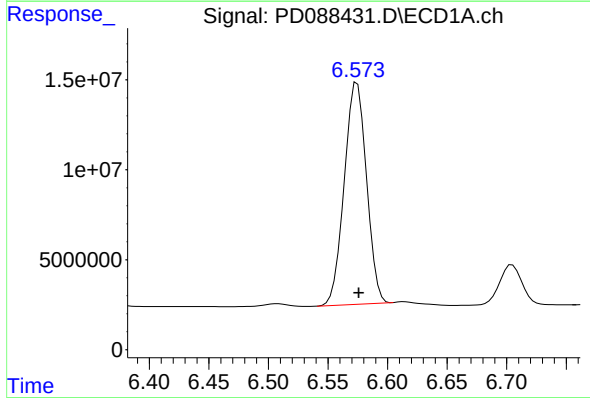
R.T.: 6.366 min
Delta R.T.: 0.018 min
Response: 3383733
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
HEXANE



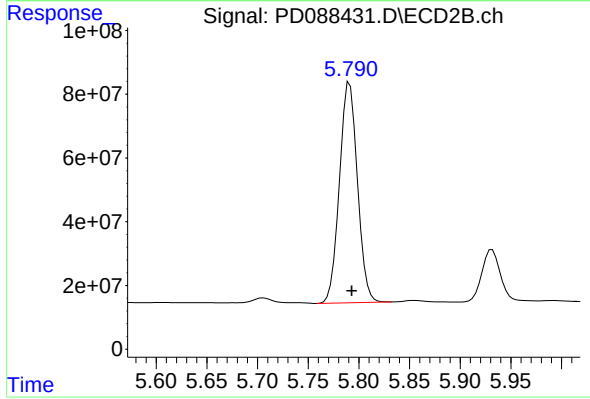
#13 Dieldrin

R.T.: 5.543 min
Delta R.T.: 0.026 min
Response: 1700087
Conc: 0.09 ng/ml



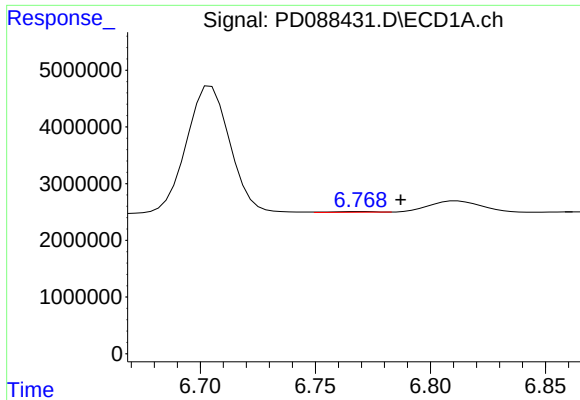
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.001 min
Response: 160387910
Conc: 53.78 ng/ml



#14 Endrin

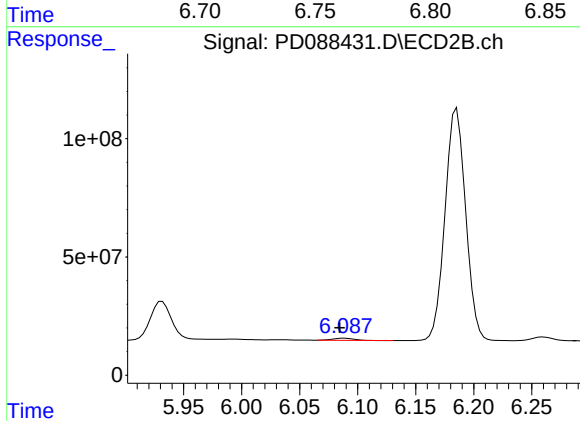
R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 852887775
Conc: 46.86 ng/ml



#15 Endosulfan II

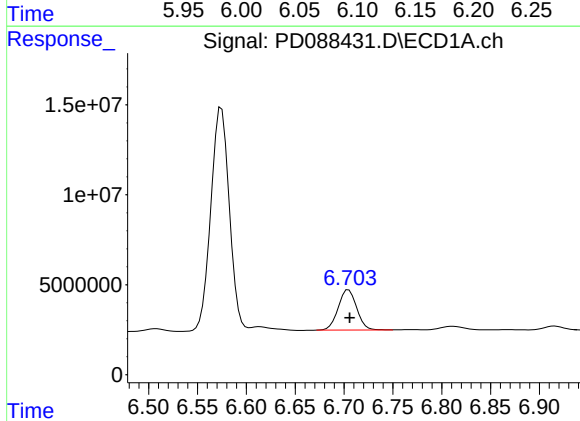
R.T.: 6.770 min
Delta R.T.: -0.017 min
Response: 151912
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
HEXANE



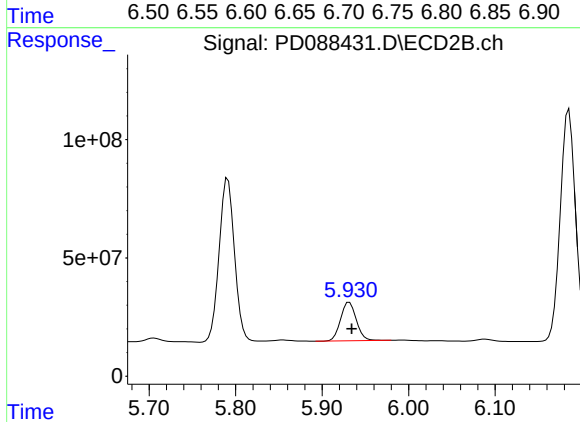
#15 Endosulfan II

R.T.: 6.089 min
Delta R.T.: 0.004 min
Response: 10776331
Conc: 0.62 ng/ml



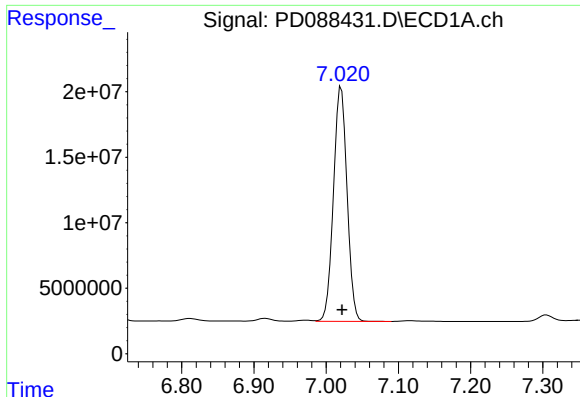
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.001 min
Response: 29561239
Conc: 11.75 ng/ml



#16 4,4'-DDD

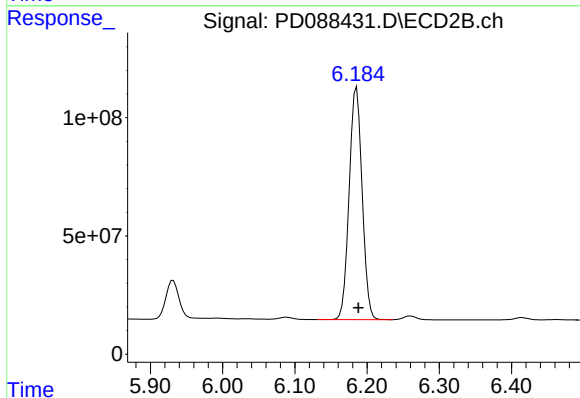
R.T.: 5.932 min
Delta R.T.: -0.003 min
Response: 205080871
Conc: 12.52 ng/ml



#17 4,4'-DDT

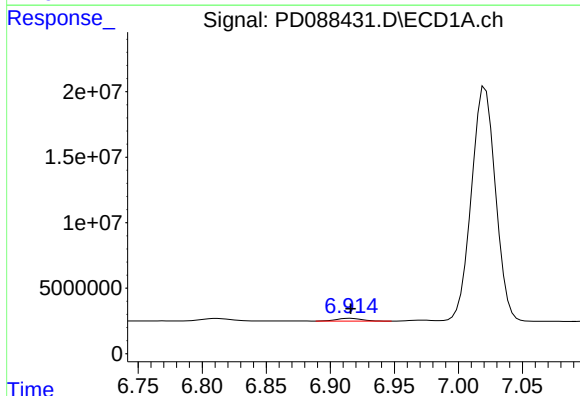
R.T.: 7.021 min
Delta R.T.: -0.001 min
Response: 234497795
Conc: 84.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
HEXANE



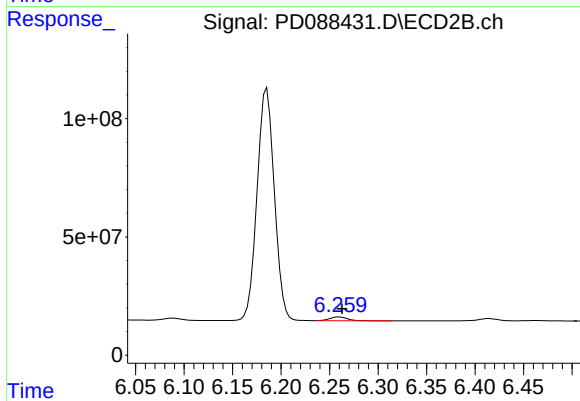
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 1218508112
Conc: 71.61 ng/ml



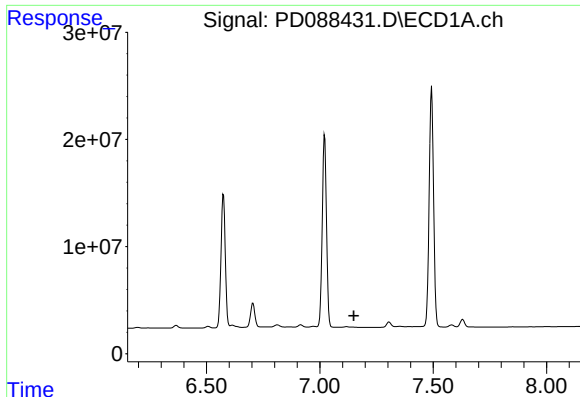
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 2958116
Conc: 1.28 ng/ml



#18 Endrin aldehyde

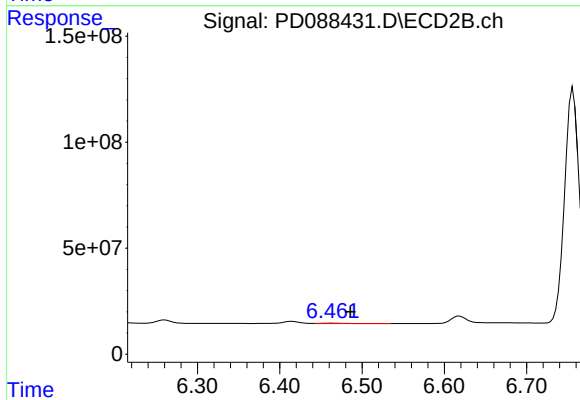
R.T.: 6.260 min
Delta R.T.: -0.003 min
Response: 20952970
Conc: 1.58 ng/ml



#19 Endosulfan Sulfate

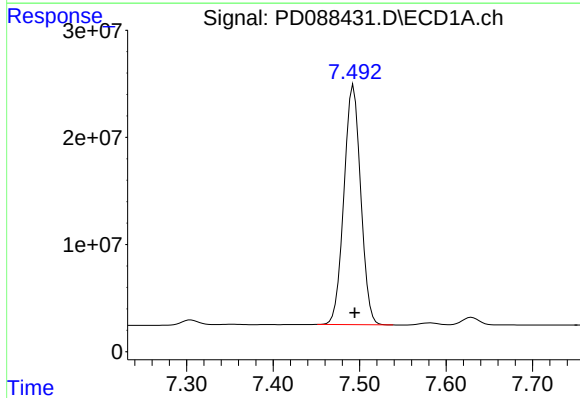
R.T.: 0.000 min
Exp R.T.: 7.150 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
HEXANE



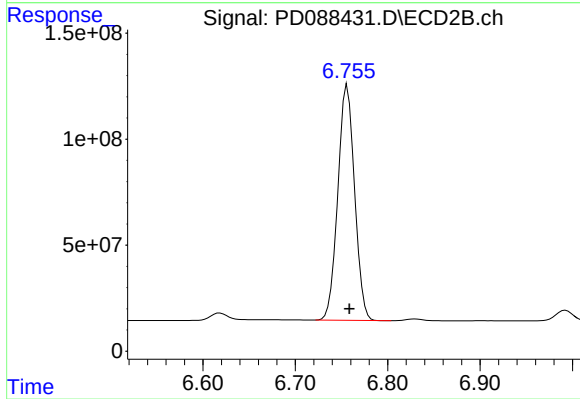
#19 Endosulfan Sulfate

R.T.: 6.463 min
Delta R.T.: -0.023 min
Response: 2859272
Conc: 0.17 ng/ml



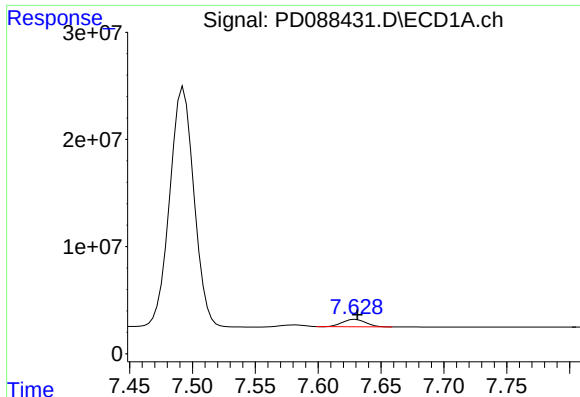
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: -0.002 min
Response: 299777888
Conc: 199.91 ng/ml



#20 Methoxychlor

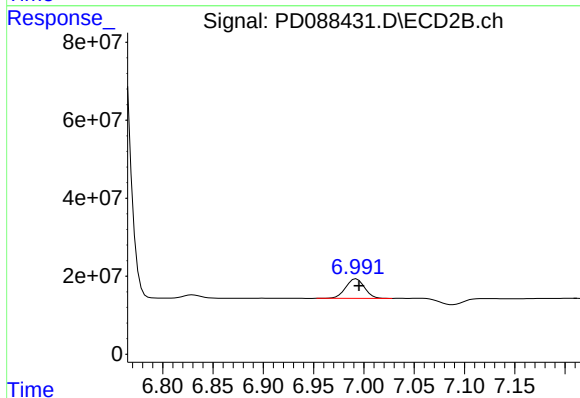
R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 1398658814
Conc: 153.34 ng/ml



#21 Endrin ketone

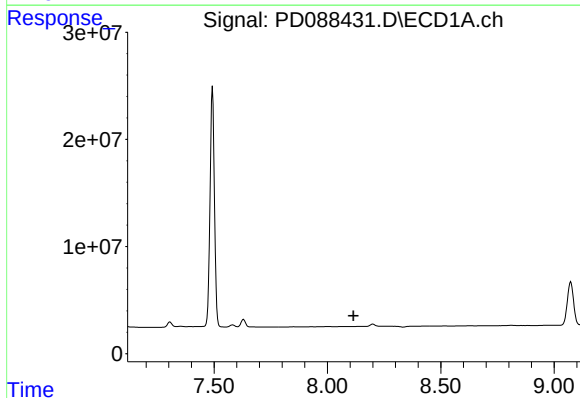
R.T.: 7.630 min
Delta R.T.: -0.002 min
Response: 8770449
Conc: 2.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
HEXANE



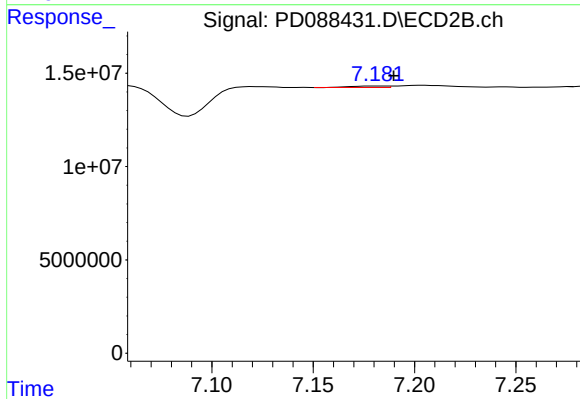
#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: -0.003 min
Response: 65061091
Conc: 3.48 ng/ml



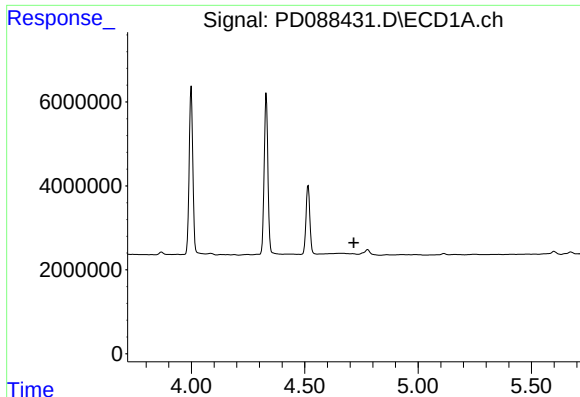
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.115 min
Response: 0
Conc: N.D.



#22 Mirex

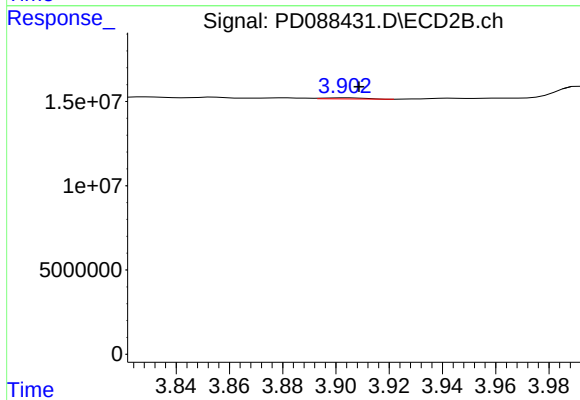
R.T.: 7.181 min
Delta R.T.: -0.009 min
Response: 905799
Conc: 0.06 ng/ml



#23 Chlordane-1

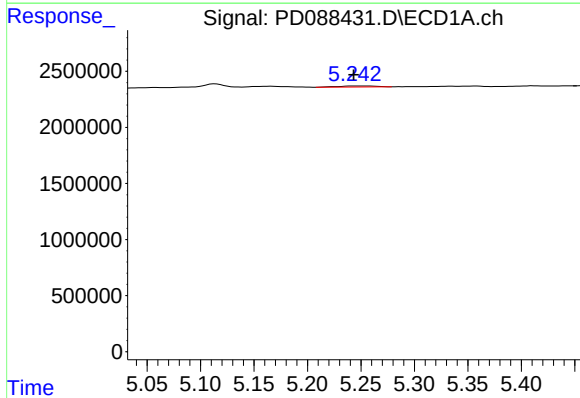
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
HEXANE



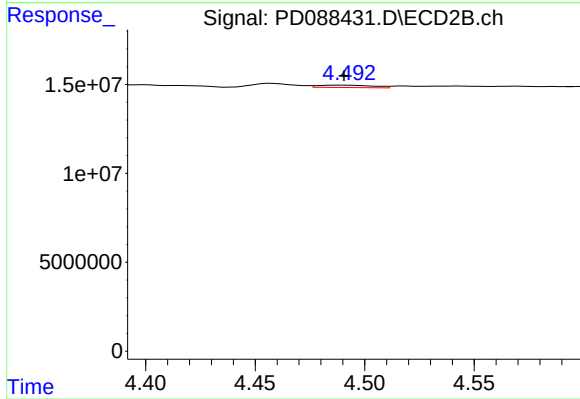
#23 Chlordane-1

R.T.: 3.904 min
Delta R.T.: -0.005 min
Response: 692170
Conc: 0.86 ng/ml



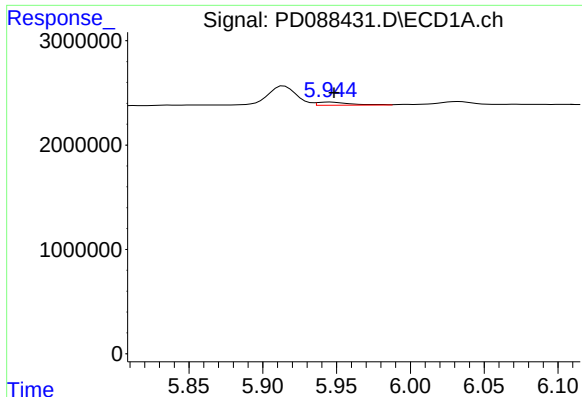
#24 Chlordane-2

R.T.: 5.244 min
Delta R.T.: 0.001 min
Response: 244366
Conc: 1.47 ng/ml



#24 Chlordane-2

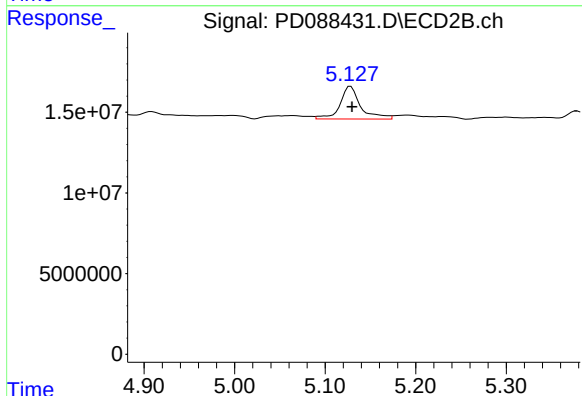
R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 2341552
Conc: 2.84 ng/ml



#25 Chlordane-3

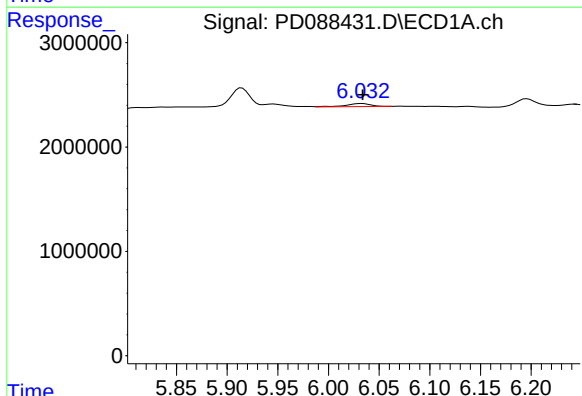
R.T.: 5.946 min
Delta R.T.: -0.003 min
Response: 470270
Conc: 0.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
HEXANE



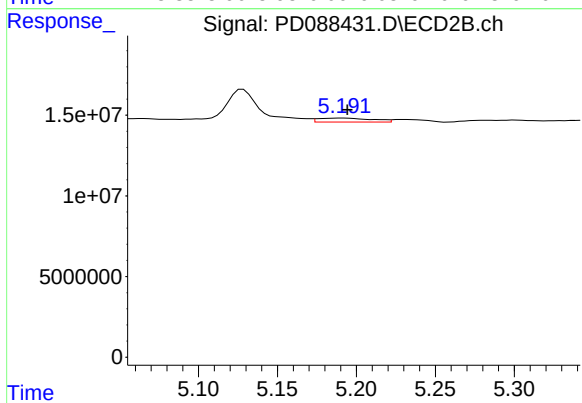
#25 Chlordane-3

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 31881656
Conc: 12.61 ng/ml



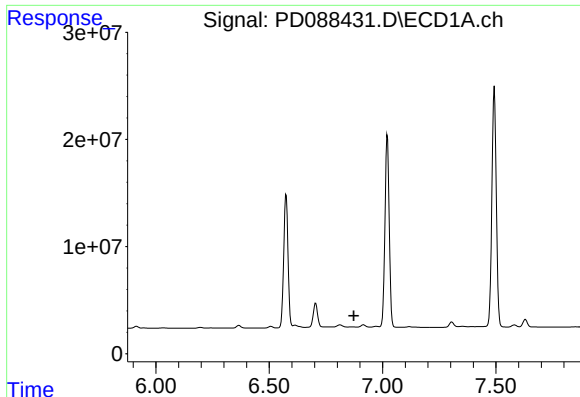
#26 Chlordane-4

R.T.: 6.033 min
Delta R.T.: -0.001 min
Response: 508584
Conc: 0.62 ng/ml



#26 Chlordane-4

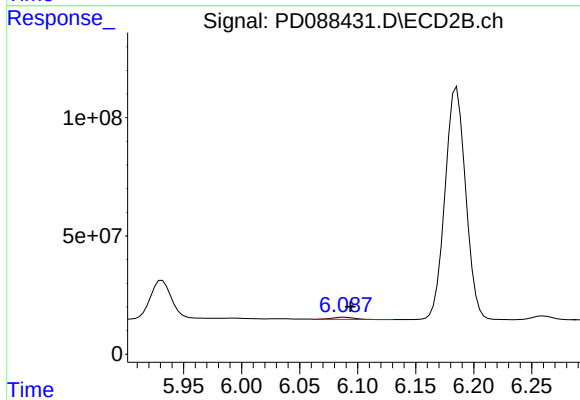
R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 5767172
Conc: 2.70 ng/ml



#27 Chlordane-5

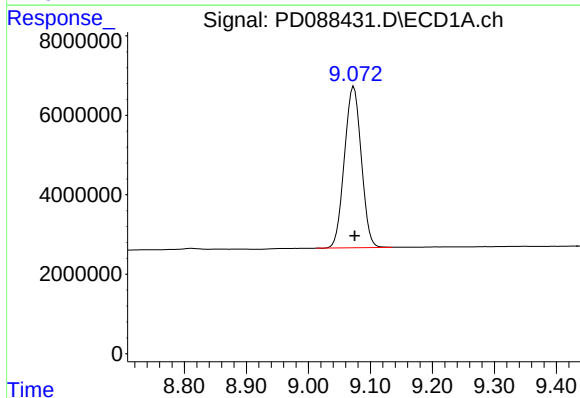
R.T.: 0.000 min
Exp R.T.: 6.873 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
HEXANE



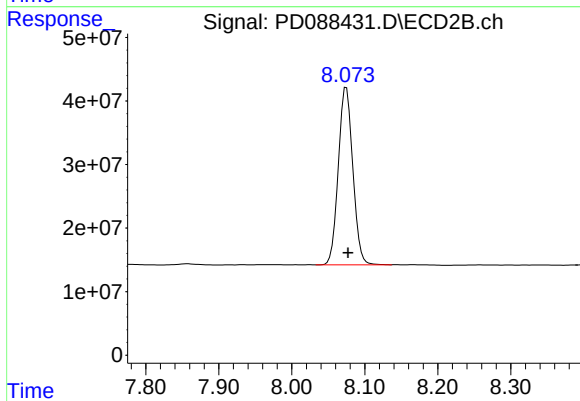
#27 Chlordane-5

R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 10776331
Conc: 11.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.002 min
Response: 76603728
Conc: 23.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 385435310
Conc: 20.86 ng/ml