

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042225\
 Data File : PD088210.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2025 13:29
 Operator : AR\AJ
 Sample : Q1832-07MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PL-714-COMP-02MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 01:17:53 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...	3.552	2.883	30849308	243.0E6	15.445	16.619
2)	SA Decachlor...	9.086	8.076	53261855	218.2E6	16.100	11.808 #
Target Compounds							
2)	A alpha-BHC	4.002	3.396	190.3E6	954.3E6	44.140	41.745
3)	MA gamma-BHC...	4.333	3.733	192.1E6	869.6E6	45.878	40.373
4)	MA Heptachlor	4.932	4.087	173.3E6	857.9E6	42.901	40.090
5)	MB Aldrin	5.274	4.373	169.9E6	814.2E6	43.014	39.140
6)	B beta-BHC	4.518	4.028	53766428	426.2E6	33.120	46.055 #
7)	B delta-BHC	4.766	4.265	191.7E6	865.5E6	46.464	40.706
8)	B Heptachlo...	5.694	4.877	145.9E6	756.0E6	40.825	40.012
9)	A Endosulfan I	6.077	5.253	167.1E6	675.4E6	49.473	37.495
10)	B gamma-Chl...	5.949	5.130	157.1E6	918.7E6	43.364	45.265
11)	B alpha-Chl...	6.029	5.194	166.4E6	879.8E6	46.104	44.880
12)	B 4,4'-DDE	6.199	5.380	139.3E6	922.0E6	42.243	46.817
13)	MA Dieldrin	6.350	5.517	146.7E6	743.1E6	41.097	37.282
14)	MA Endrin	6.577	5.793	118.5E6	795.2E6	39.723	43.686
15)	B Endosulfa...	6.789	6.084	127.8E6	663.8E6	40.876	37.887
16)	A 4,4'-DDD	6.708	5.934	108.6E6	536.2E6	43.192	32.724
17)	MA 4,4'-DDT	7.024	6.188	147.6E6	729.1E6	53.131	42.849
18)	B Endrin al...	6.917	6.263	95091737	499.4E6	41.201	37.547
19)	B Endosulfa...	7.152	6.486	111.8E6	586.3E6	38.866	34.220
20)	A Methoxychlor	7.496	6.758	44981217	289.9E6	29.997	31.785
21)	B Endrin ke...	7.633	6.995	116.7E6	572.1E6	37.801	30.586
22)	Mirex	8.117	7.190	-24524860	458.7E6	N.D.	30.951
23)	Chlordane-1	4.717	3.907	2682307	92588849	16.144	115.490 #
24)	Chlordane-2	5.224	4.507	2402409	6117435	14.426	7.412 #
25)	Chlordane-3	5.949	5.130	157.1E6	918.7E6	232.856	363.260 #
26)	Chlordane-4	6.029	5.194	166.4E6	879.8E6	204.110	411.468 #
27)	Chlordane-5	6.875	6.084	54619	663.8E6	0.402	687.541 #

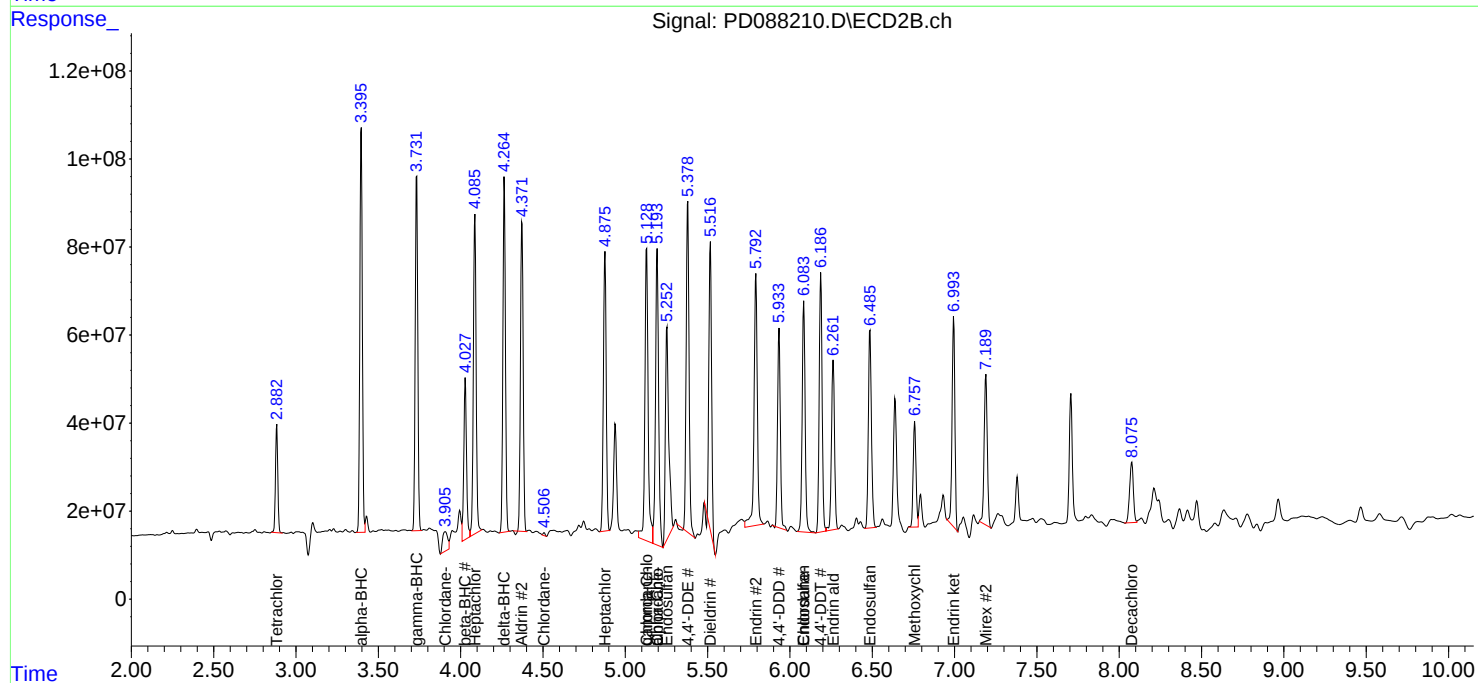
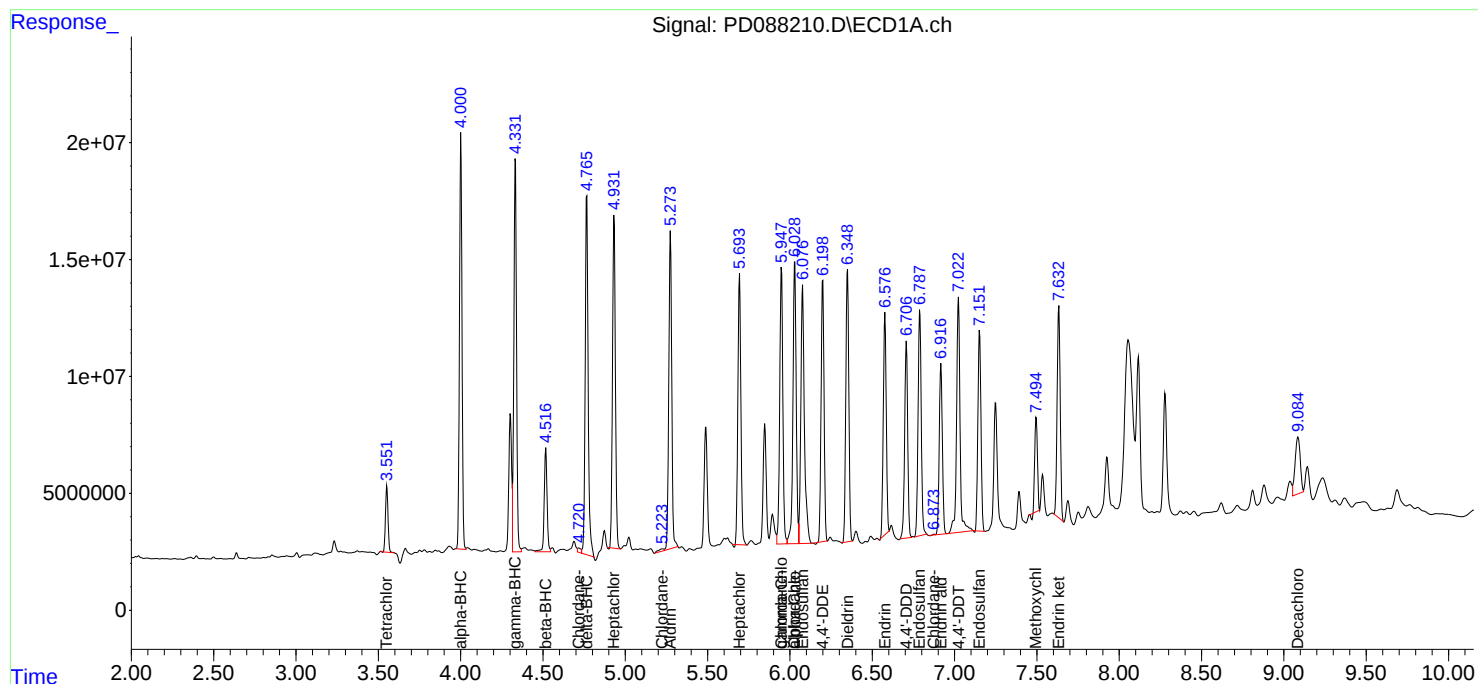
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

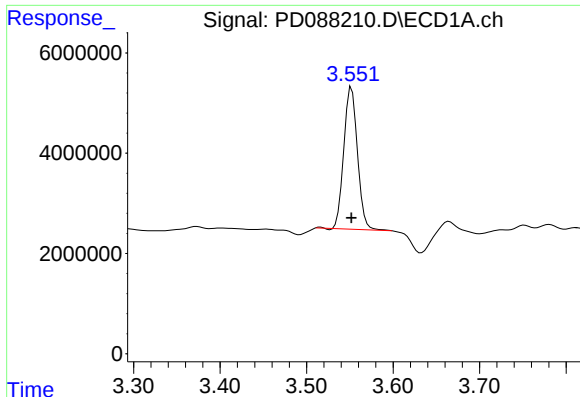
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042225\
Data File : PD088210.D
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Acq On : 22 Apr 2025 13:29
Operator : AR\AJ
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ALS Vial : 20 Sample Multiplier: 1

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PL-714-COMP-02MSD

Integration File signal 1: autoint1.e
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Quant Time: Apr 23 01:17:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

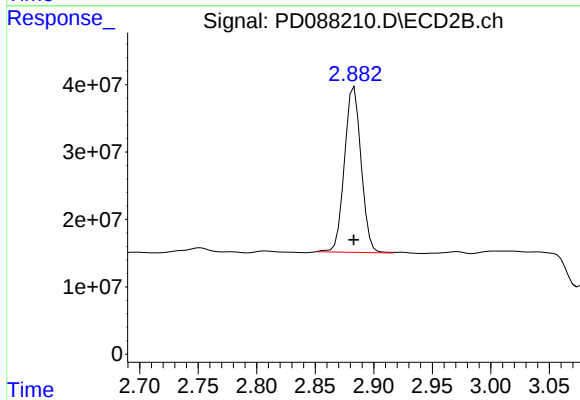




#1 Tetrachloro-m-xylene

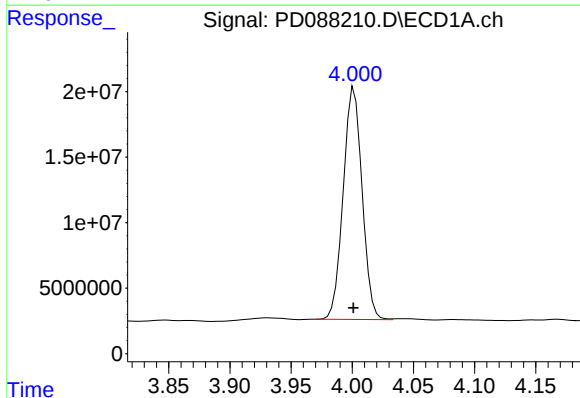
R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 30849308
Conc: 15.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



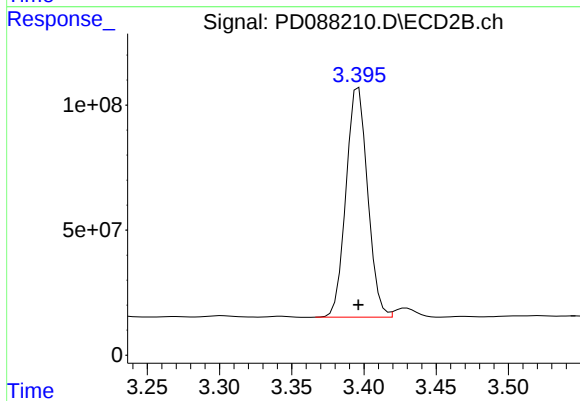
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 242999071
Conc: 16.62 ng/ml



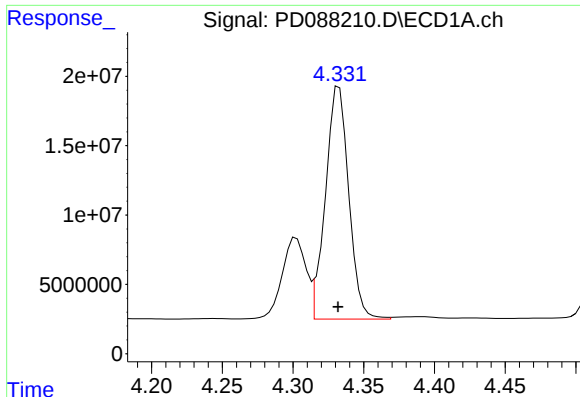
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 190332391
Conc: 44.14 ng/ml



#2 alpha-BHC

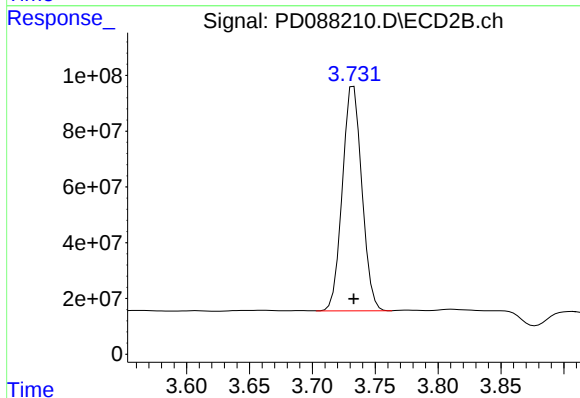
R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 954343091
Conc: 41.74 ng/ml



#3 gamma-BHC (Lindane)

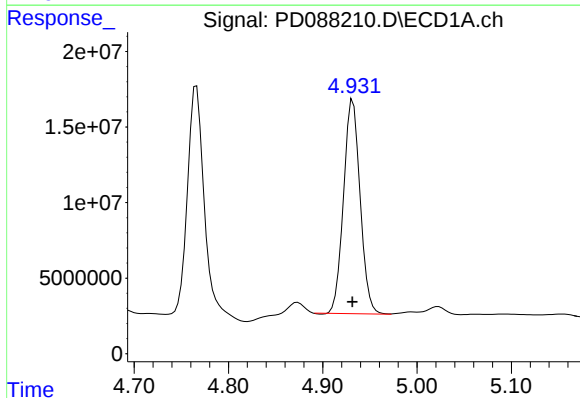
R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 192115974
Conc: 45.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



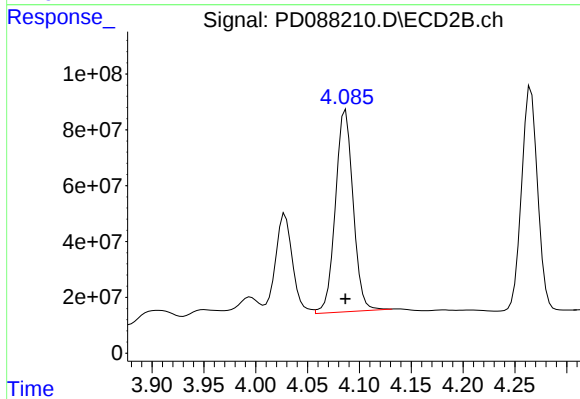
#3 gamma-BHC (Lindane)

R.T.: 3.733 min
Delta R.T.: 0.000 min
Response: 869578387
Conc: 40.37 ng/ml



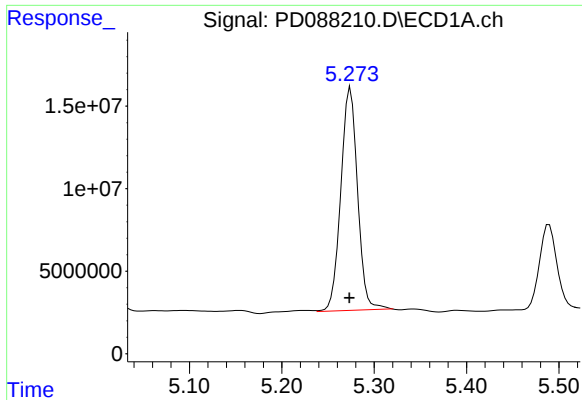
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 173275983
Conc: 42.90 ng/ml



#4 Heptachlor

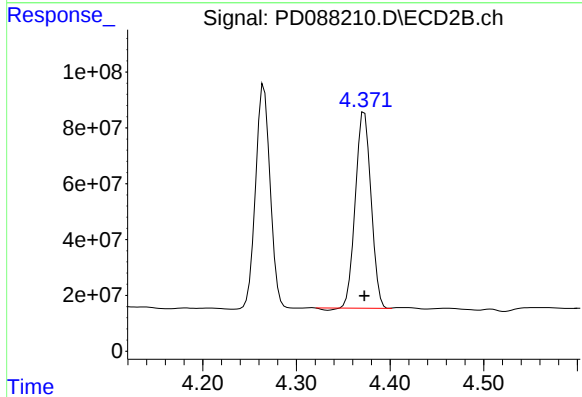
R.T.: 4.087 min
Delta R.T.: 0.000 min
Response: 857857319
Conc: 40.09 ng/ml



#5 Aldrin

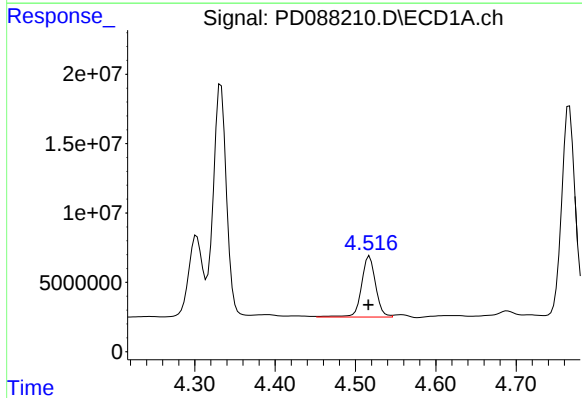
R.T.: 5.274 min
Delta R.T.: 0.001 min
Response: 169887254
Conc: 43.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



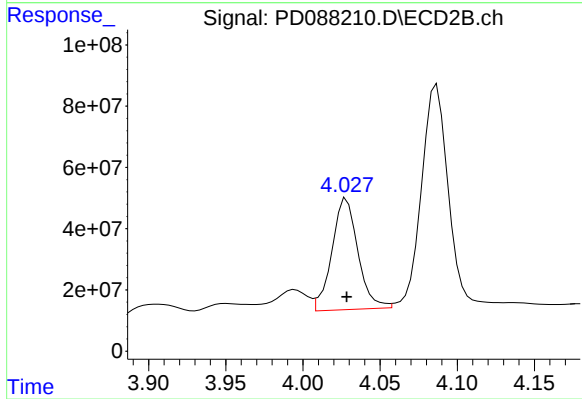
#5 Aldrin

R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 814224161
Conc: 39.14 ng/ml



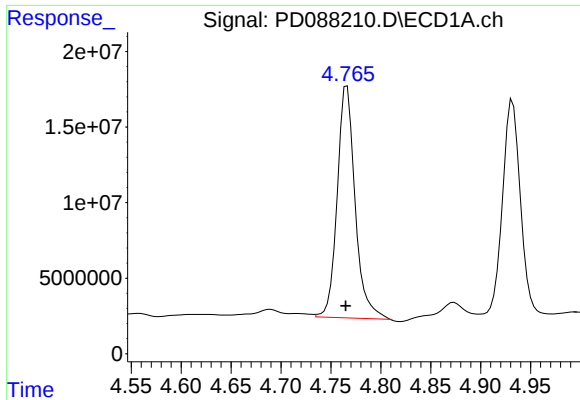
#6 beta-BHC

R.T.: 4.518 min
Delta R.T.: 0.001 min
Response: 53766428
Conc: 33.12 ng/ml



#6 beta-BHC

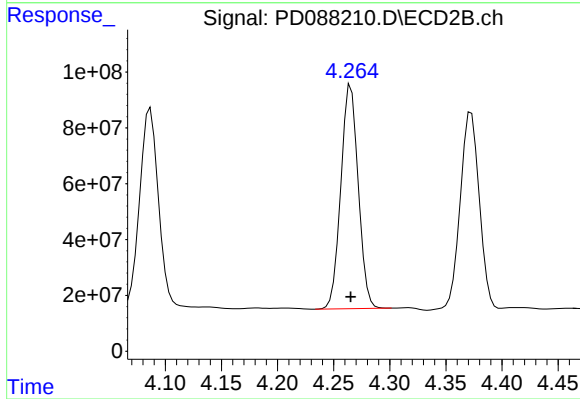
R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 426195032
Conc: 46.05 ng/ml



#7 delta-BHC

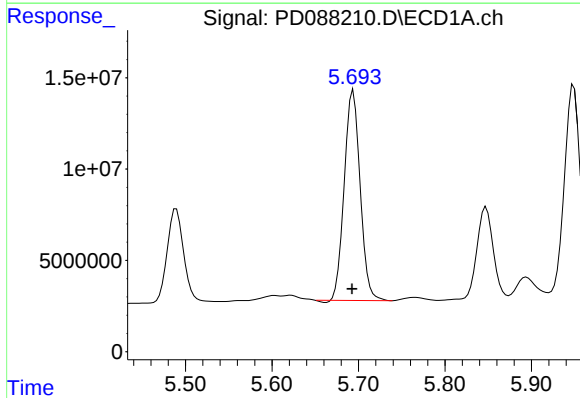
R.T.: 4.766 min
Delta R.T.: 0.001 min
Response: 191662319
Conc: 46.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



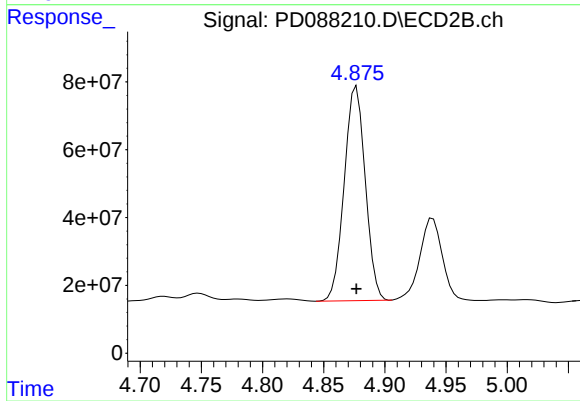
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 865483137
Conc: 40.71 ng/ml



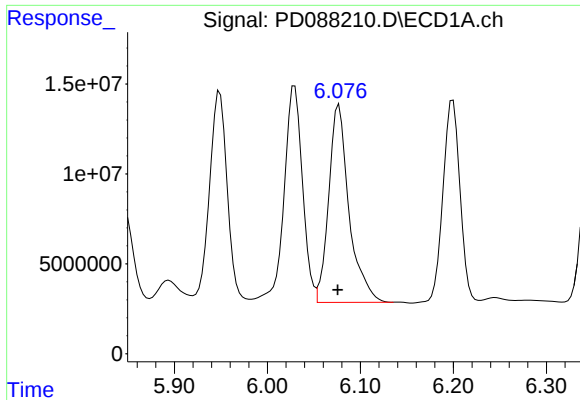
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: 0.001 min
Response: 145907388
Conc: 40.83 ng/ml



#8 Heptachlor epoxide

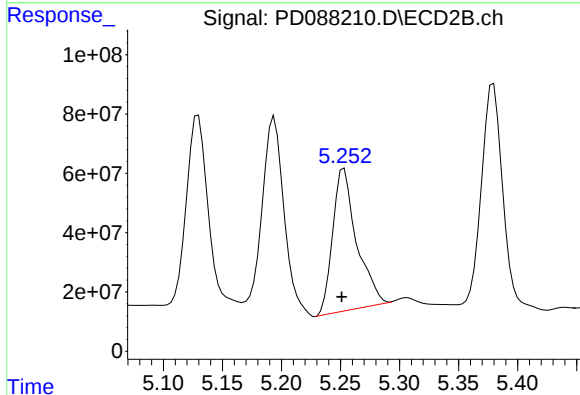
R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 756008622
Conc: 40.01 ng/ml



#9 Endosulfan I

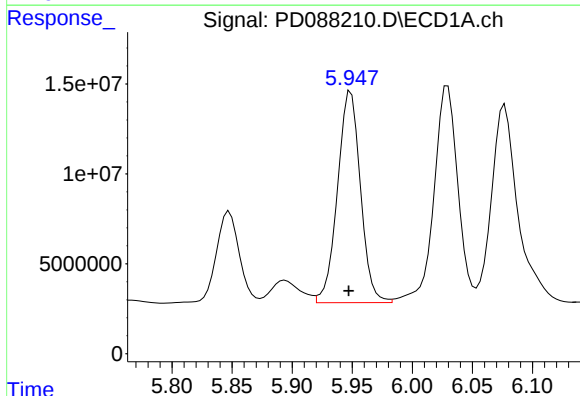
R.T.: 6.077 min
Delta R.T.: 0.001 min
Response: 167078654
Conc: 49.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



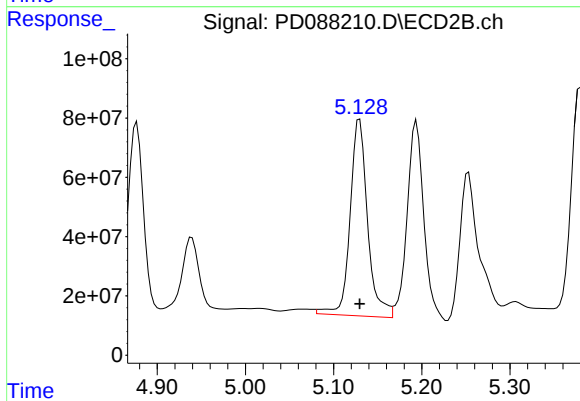
#9 Endosulfan I

R.T.: 5.253 min
Delta R.T.: 0.002 min
Response: 675384874
Conc: 37.50 ng/ml



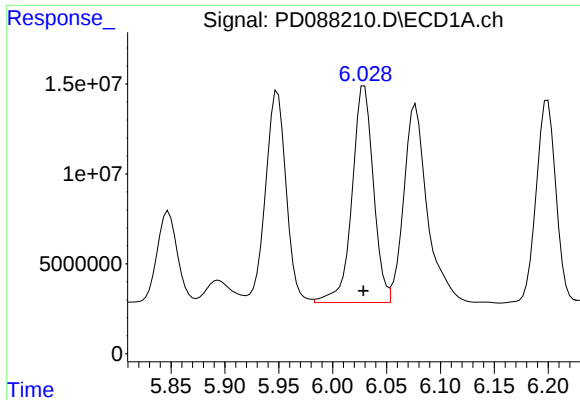
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.002 min
Response: 157068466
Conc: 43.36 ng/ml



#10 gamma-Chlordane

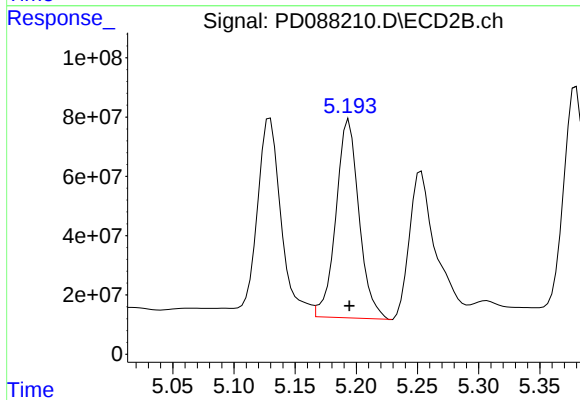
R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 918699262
Conc: 45.27 ng/ml



#11 alpha-Chlordane

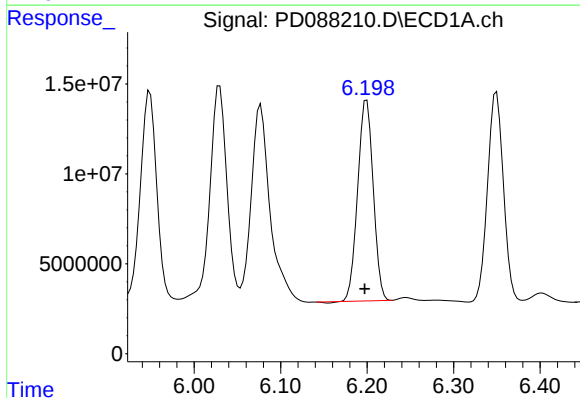
R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 166416195
Conc: 46.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



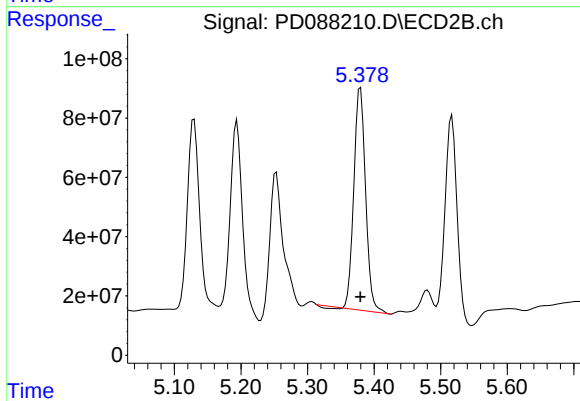
#11 alpha-Chlordane

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 879781134
Conc: 44.88 ng/ml



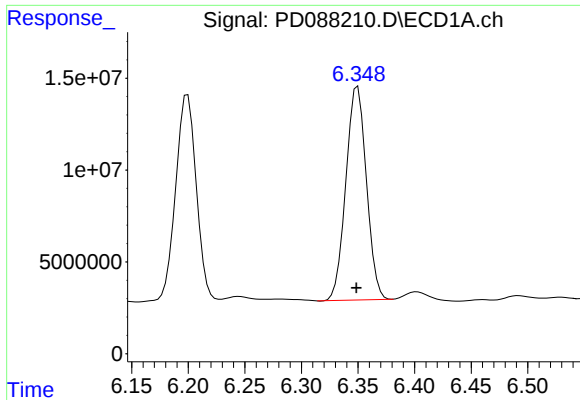
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.002 min
Response: 139328379
Conc: 42.24 ng/ml



#12 4,4'-DDE

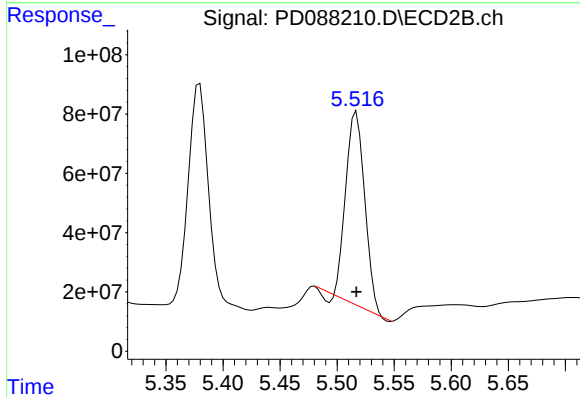
R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 922006508
Conc: 46.82 ng/ml



#13 Dieldrin

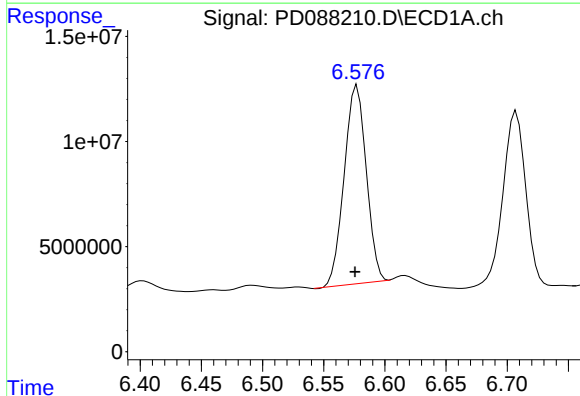
R.T.: 6.350 min
Delta R.T.: 0.001 min
Response: 146655924
Conc: 41.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



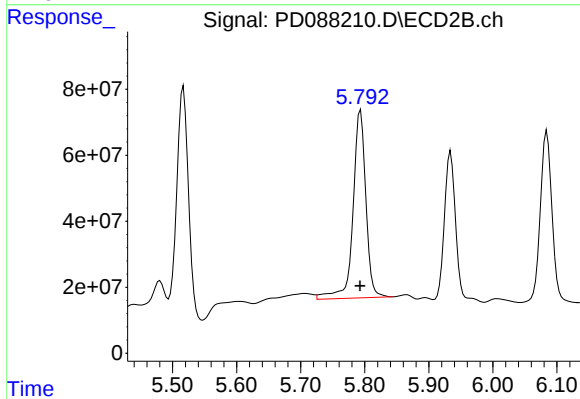
#13 Dieldrin

R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 743139205
Conc: 37.28 ng/ml



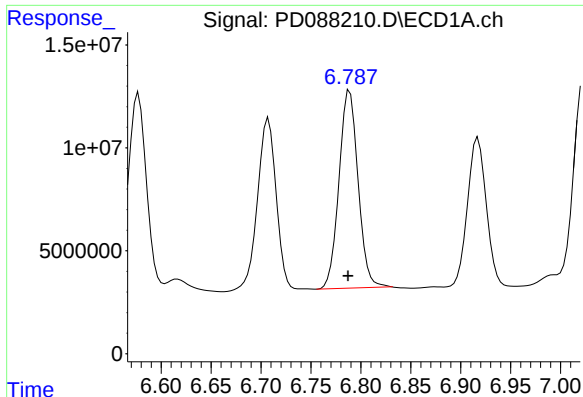
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.002 min
Response: 118475545
Conc: 39.72 ng/ml



#14 Endrin

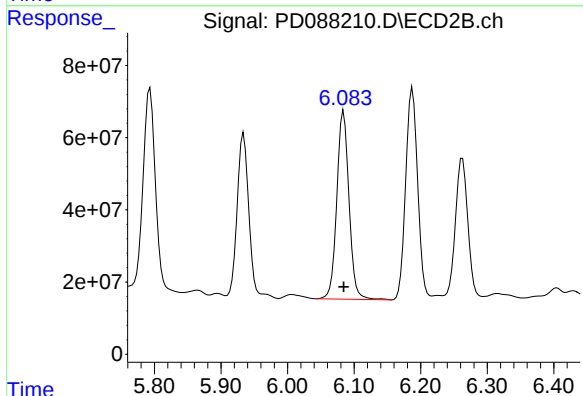
R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 795184499
Conc: 43.69 ng/ml



#15 Endosulfan II

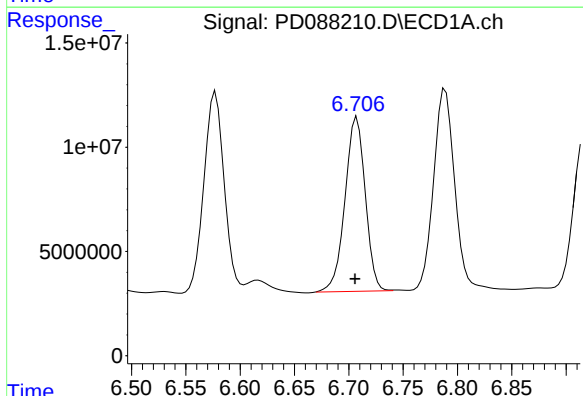
R.T.: 6.789 min
Delta R.T.: 0.002 min
Response: 127786723
Conc: 40.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



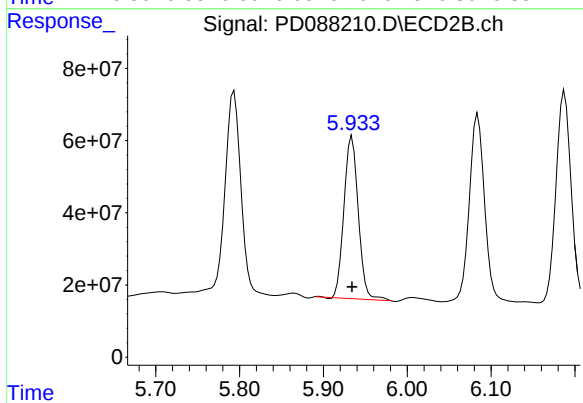
#15 Endosulfan II

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 663837482
Conc: 37.89 ng/ml



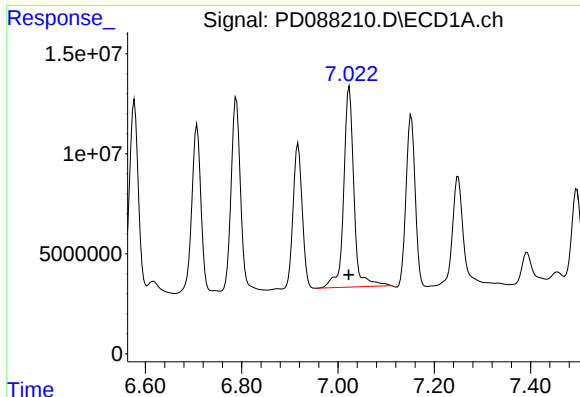
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.002 min
Response: 108625299
Conc: 43.19 ng/ml



#16 4,4'-DDD

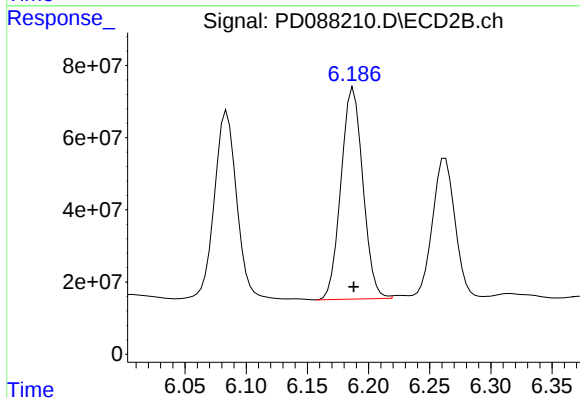
R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 536224096
Conc: 32.72 ng/ml



#17 4,4'-DDT

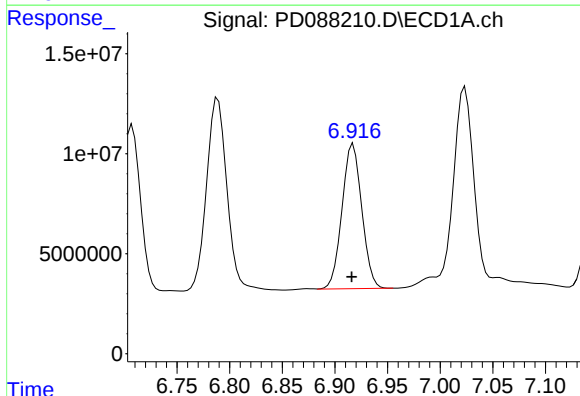
R.T.: 7.024 min
Delta R.T.: 0.002 min
Response: 147573277
Conc: 53.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



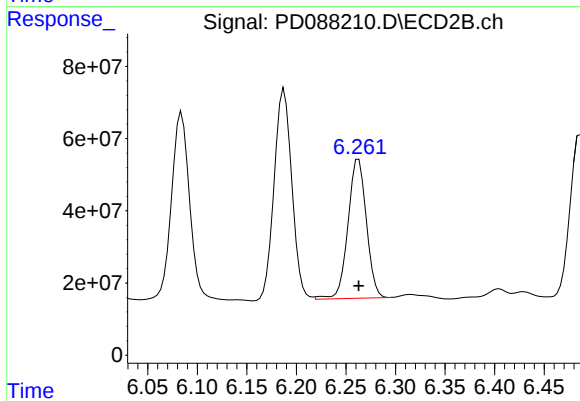
#17 4,4'-DDT

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 729134805
Conc: 42.85 ng/ml



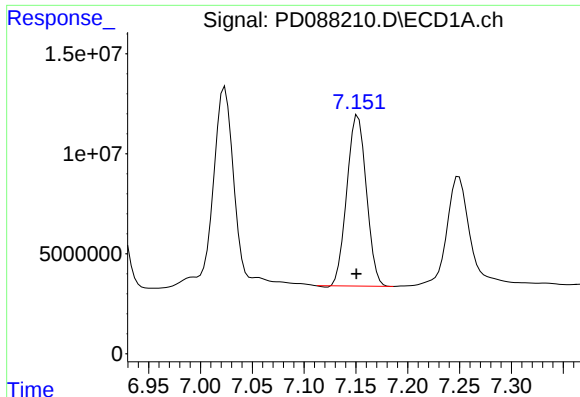
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.001 min
Response: 95091737
Conc: 41.20 ng/ml



#18 Endrin aldehyde

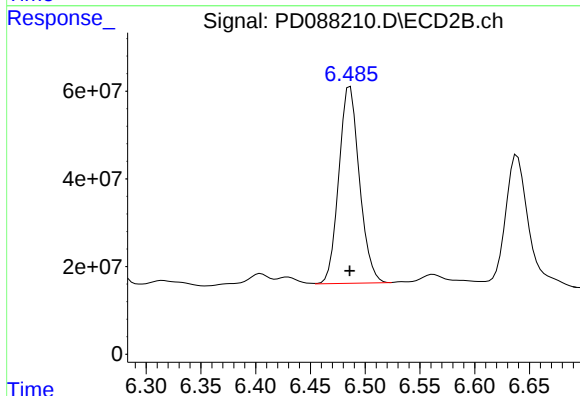
R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 499405336
Conc: 37.55 ng/ml



#19 Endosulfan Sulfate

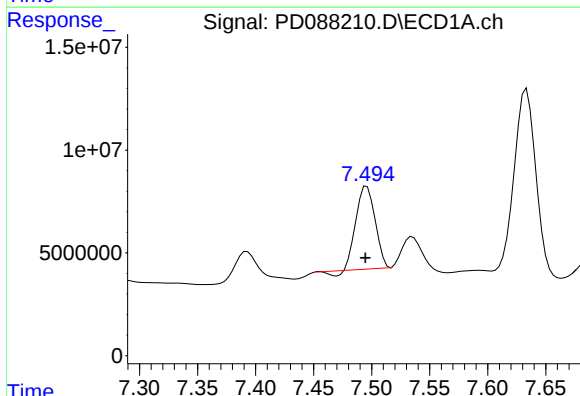
R.T.: 7.152 min
Delta R.T.: 0.002 min
Response: 111771007
Conc: 38.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



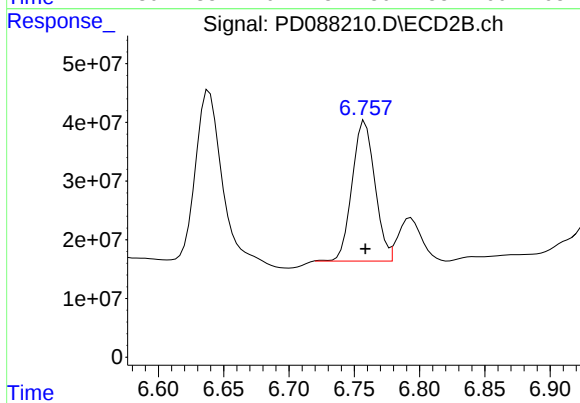
#19 Endosulfan Sulfate

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 586303075
Conc: 34.22 ng/ml



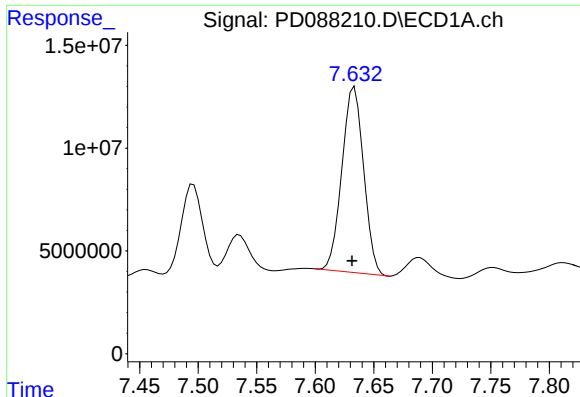
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: 0.001 min
Response: 44981217
Conc: 30.00 ng/ml



#20 Methoxychlor

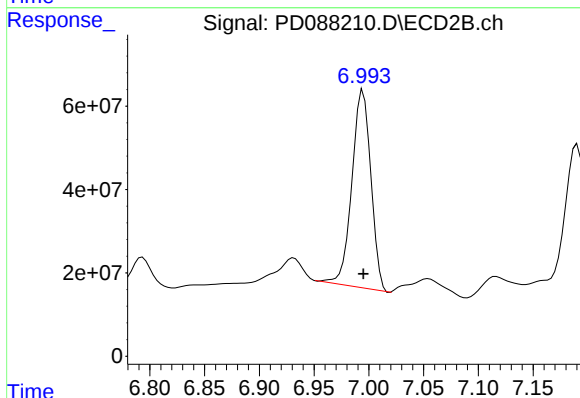
R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 289915327
Conc: 31.79 ng/ml



#21 Endrin ketone

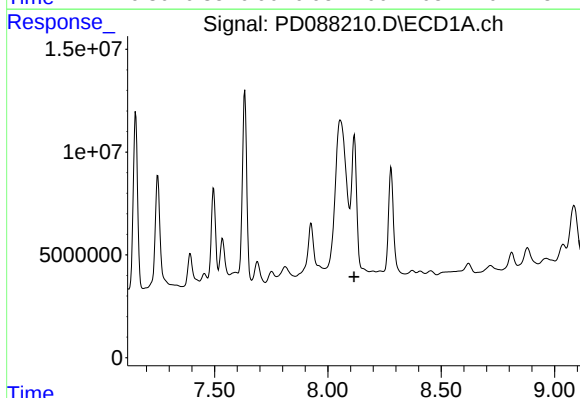
R.T.: 7.633 min
Delta R.T.: 0.002 min
Response: 116675094
Conc: 37.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



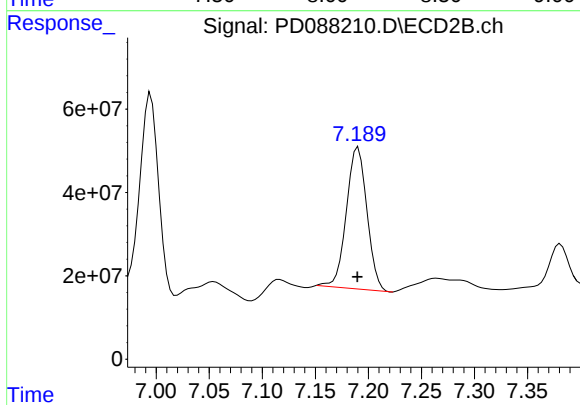
#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 572081672
Conc: 30.59 ng/ml



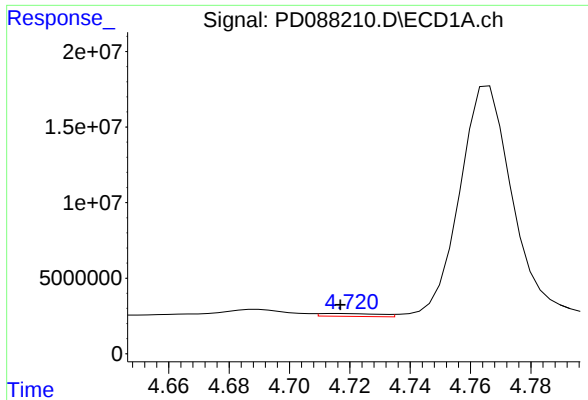
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.001 min
Response: -24524860
Conc: N.D.



#22 Mirex

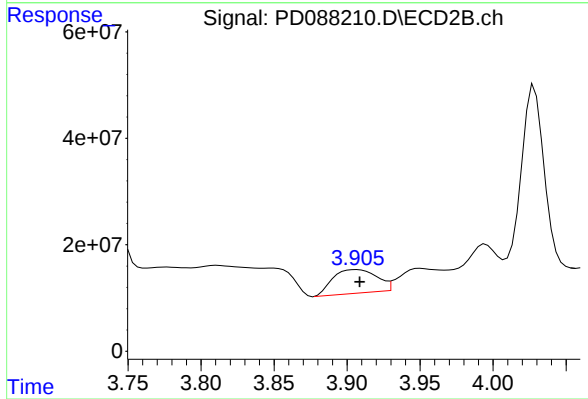
R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 458725496
Conc: 30.95 ng/ml



#23 Chlordane-1

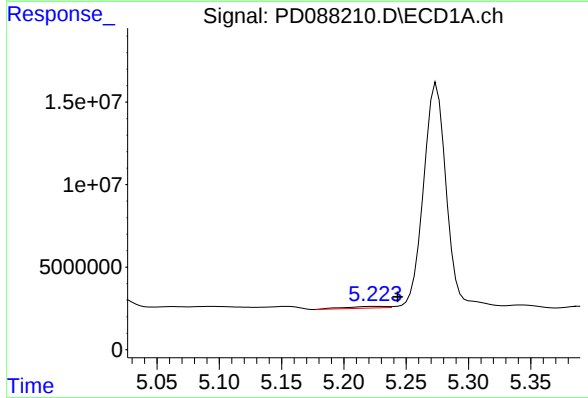
R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 2682307
Conc: 16.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



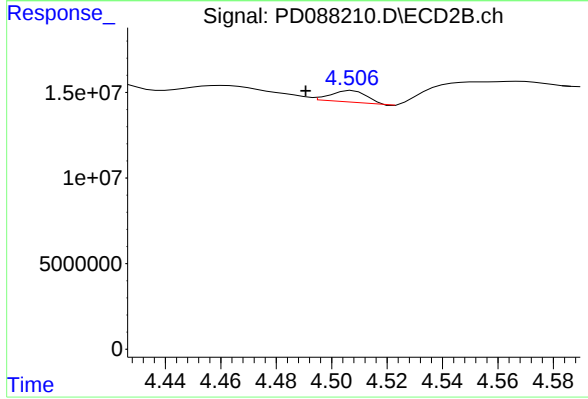
#23 Chlordane-1

R.T.: 3.907 min
Delta R.T.: -0.002 min
Response: 92588849
Conc: 115.49 ng/ml



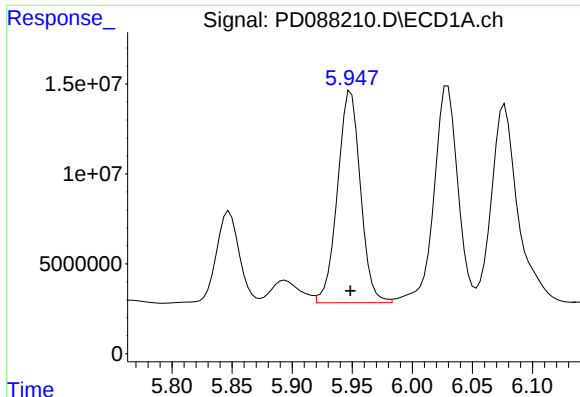
#24 Chlordane-2

R.T.: 5.224 min
Delta R.T.: -0.019 min
Response: 2402409
Conc: 14.43 ng/ml



#24 Chlordane-2

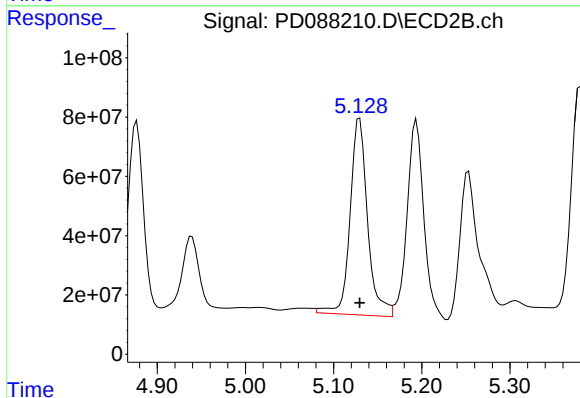
R.T.: 4.507 min
Delta R.T.: 0.017 min
Response: 6117435
Conc: 7.41 ng/ml



#25 Chlordane-3

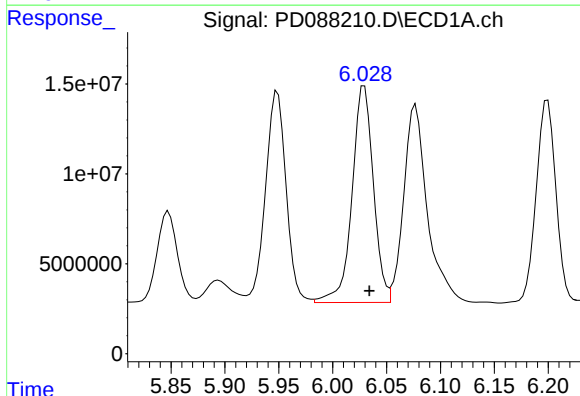
R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 157068466
Conc: 232.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



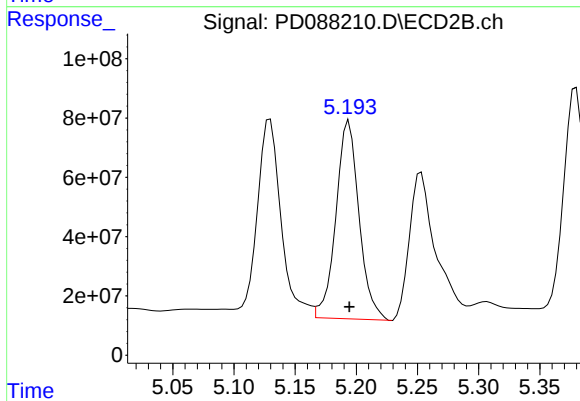
#25 Chlordane-3

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 918699262
Conc: 363.26 ng/ml



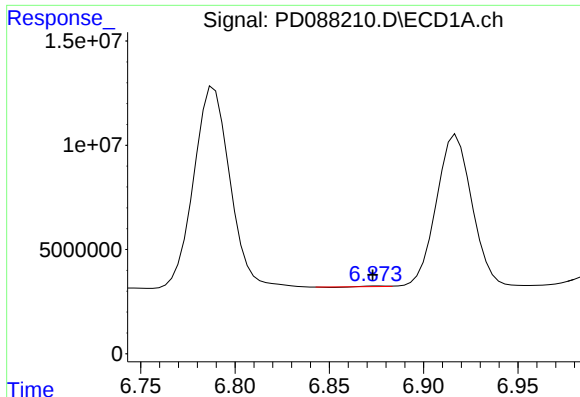
#26 Chlordane-4

R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 166416195
Conc: 204.11 ng/ml



#26 Chlordane-4

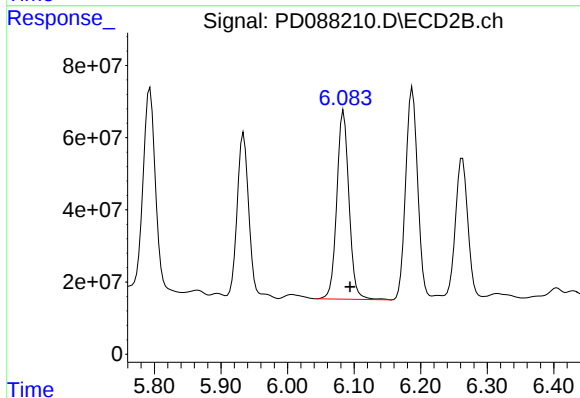
R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 879781134
Conc: 411.47 ng/ml



#27 Chlordane-5

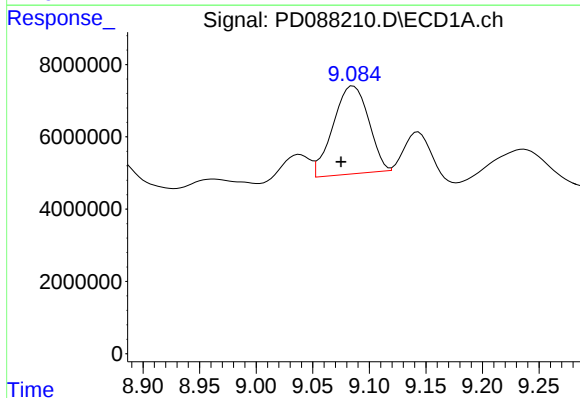
R.T.: 6.875 min
Delta R.T.: 0.002 min
Response: 54619
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



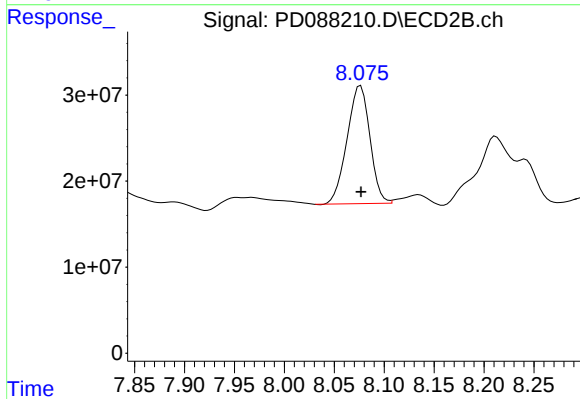
#27 Chlordane-5

R.T.: 6.084 min
Delta R.T.: -0.010 min
Response: 663837482
Conc: 687.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.011 min
Response: 53261855
Conc: 16.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 218200633
Conc: 11.81 ng/ml