

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030722\
 Data File : PD068376.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2022 19:17
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 01:04:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030122.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 06:48:49 2022
 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...	3.450	4.178	59732075	457.6E6	50.955	47.673
28)	SA Decachlor...	8.215	9.379	56175164	285.6E6	48.272	48.169
Target Compounds							
2)	A alpha-BHC	3.891	4.574	91386026	672.4E6	53.258	49.004
3)	MA gamma-BHC...	4.174	4.865	83890731	603.9E6	52.680	48.704
4)	MA Heptachlor	4.473	5.393	78299027	548.9E6	51.866	48.463
5)	MB Aldrin	4.721	5.706	81616200	561.9E6	52.111	47.521
6)	B beta-BHC	4.424	5.028	36014974	257.6E6	51.329	47.662
7)	B delta-BHC	4.629	5.254	85386376	603.8E6	52.920	48.542
8)	B Heptachlo...	5.166	6.095	74987514	518.8E6	51.436	48.407
9)	A Endosulfan I	5.505	6.457	69634998	455.7E6	51.061	47.229
10)	B gamma-Chl...	5.393	6.331	76334928	512.2E6	51.278	48.439
11)	B alpha-Chl...	5.451	6.406	75006533	489.8E6	51.045	47.520
12)	B 4,4'-DDE	5.618	6.555	71359563	456.6E6	52.316	46.707
13)	MA Dieldrin	5.749	6.715	75359609	476.5E6	51.248	46.236
14)	MA Endrin	6.007	6.936	62961564	345.6E6	50.967	44.942
15)	B Endosulfa...	6.281	7.141	64216040	383.4E6	50.472	46.662
16)	A 4,4'-DDD	6.135	7.046	61601102	371.8E6	51.943	47.242
17)	MA 4,4'-DDT	6.376	7.350	57067627	343.5E6	51.749	48.543
18)	B Endrin al...	6.451	7.265	45778127	282.0E6	49.948	46.861
19)	B Endosulfa...	6.664	7.490	63455993	364.2E6	50.354	46.813
20)	A Methoxychlor	6.928	7.803	32537541	169.6E6	50.143	48.819
21)	B Endrin ke...	7.158	7.965	74558696	398.1E6	50.642	47.420
22)	Mirex	7.343	8.432	60601142	295.2E6	47.811	46.150
23)	Chlordane-1	4.348f	0.000	339462	0	7.781	N.D. #
25)	Chlordane-3	5.393	6.331	76334928	512.2E6	533.562	360.170 #
26)	Chlordane-4	5.451	6.406	75006533	489.8E6	613.955	303.894 #
27)	Chlordane-5	6.281	0.000	64216040	0	1303.708	N.D. #

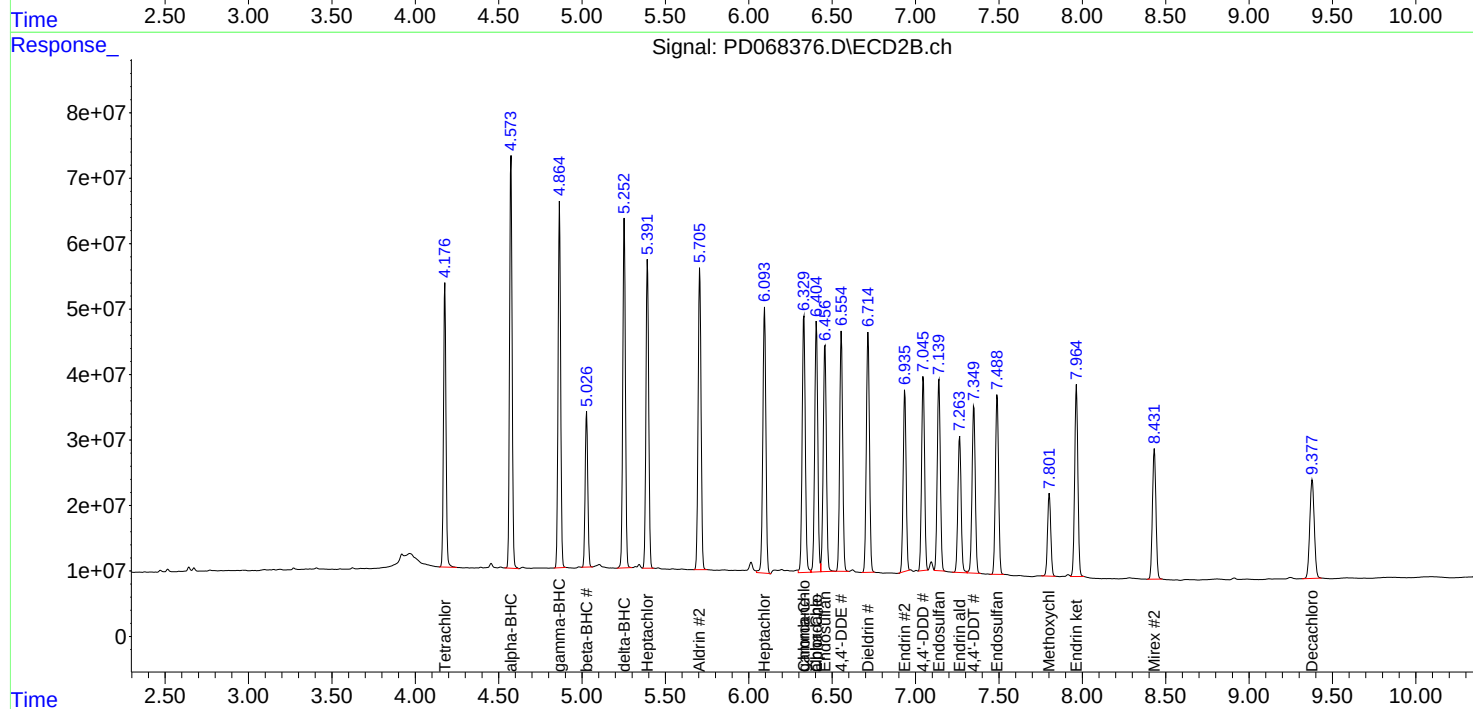
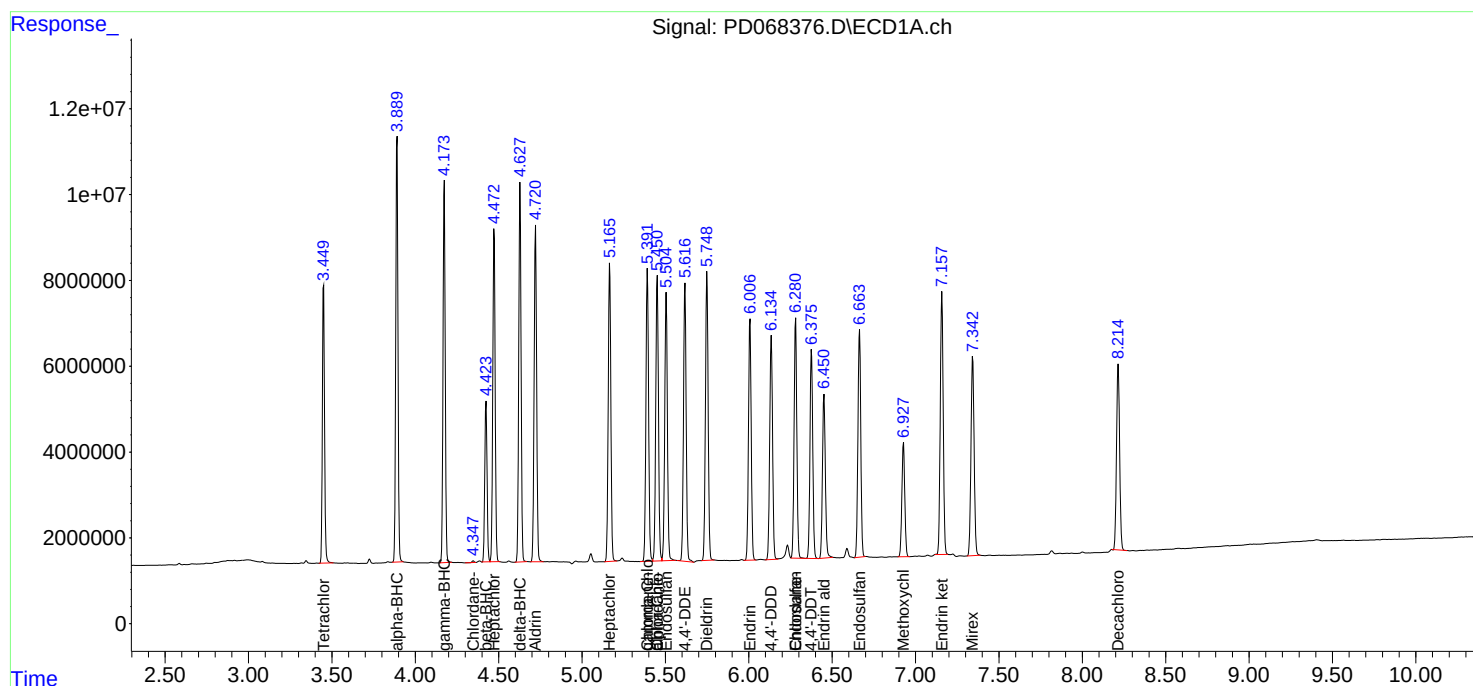
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

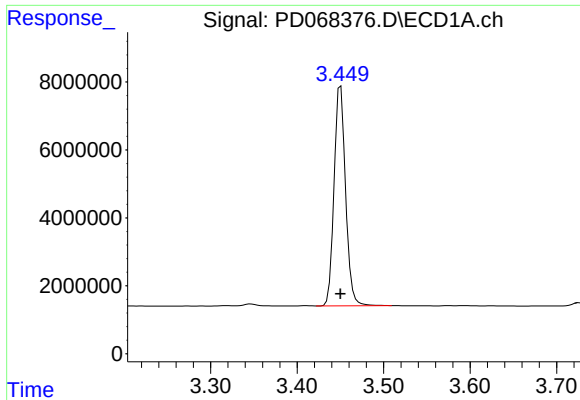
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030722\
Data File : PD068376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2022 19:17
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 01:04:13 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030122.M
Quant Title : GC Extractables
QLast Update : Tue Mar 01 06:48:49 2022
Response via : Initial Calibration
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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

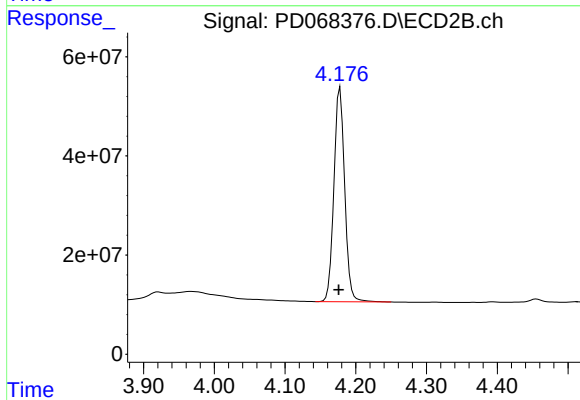




#1 Tetrachloro-m-xylene

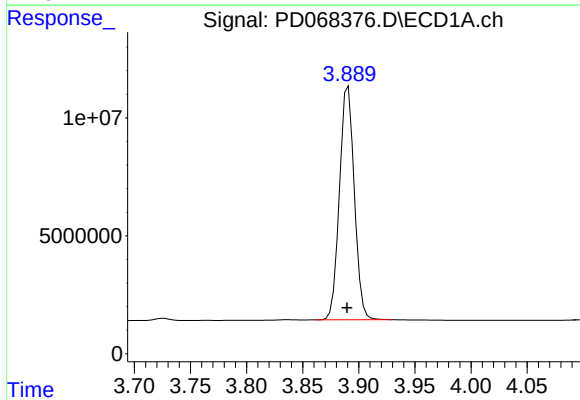
R.T.: 3.450 min
Delta R.T.: 0.000 min
Response: 59732075
Conc: 50.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



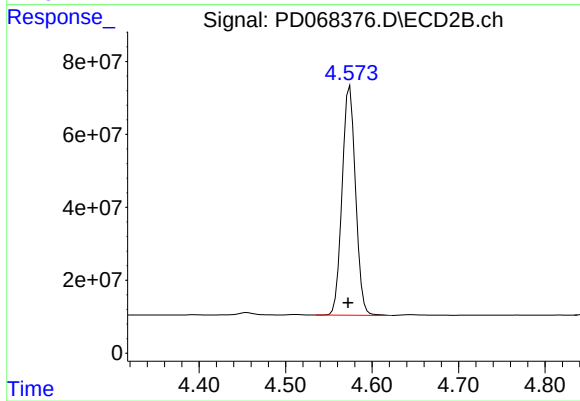
#1 Tetrachloro-m-xylene

R.T.: 4.178 min
Delta R.T.: 0.002 min
Response: 457562236
Conc: 47.67 ng/ml



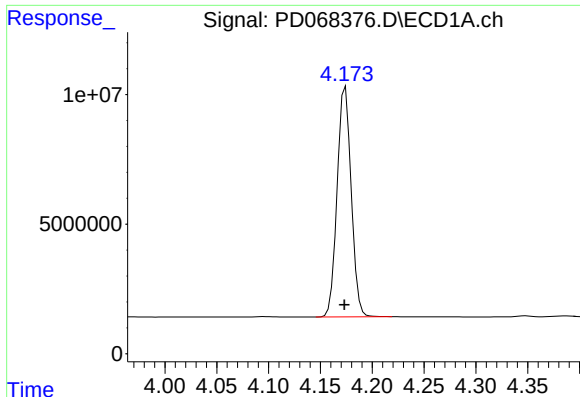
#2 alpha-BHC

R.T.: 3.891 min
Delta R.T.: 0.001 min
Response: 91386026
Conc: 53.26 ng/ml



#2 alpha-BHC

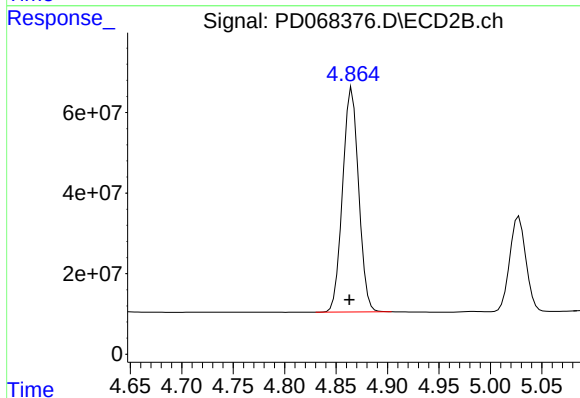
R.T.: 4.574 min
Delta R.T.: 0.002 min
Response: 672412880
Conc: 49.00 ng/ml



#3 gamma-BHC (Lindane)

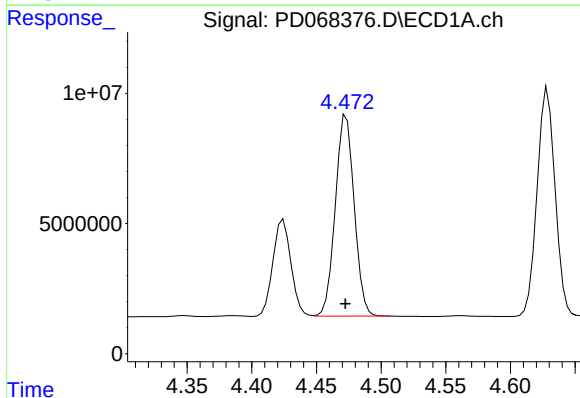
R.T.: 4.174 min
Delta R.T.: 0.001 min
Response: 83890731
Conc: 52.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



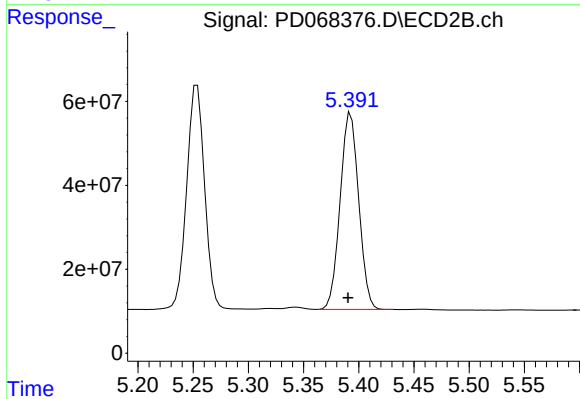
#3 gamma-BHC (Lindane)

R.T.: 4.865 min
Delta R.T.: 0.002 min
Response: 603908392
Conc: 48.70 ng/ml



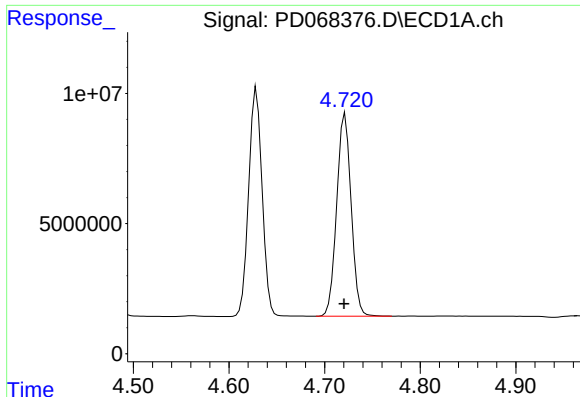
#4 Heptachlor

R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 78299027
Conc: 51.87 ng/ml



#4 Heptachlor

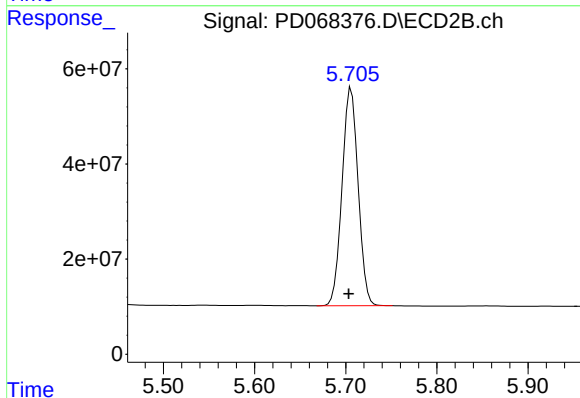
R.T.: 5.393 min
Delta R.T.: 0.003 min
Response: 548925813
Conc: 48.46 ng/ml



#5 Aldrin

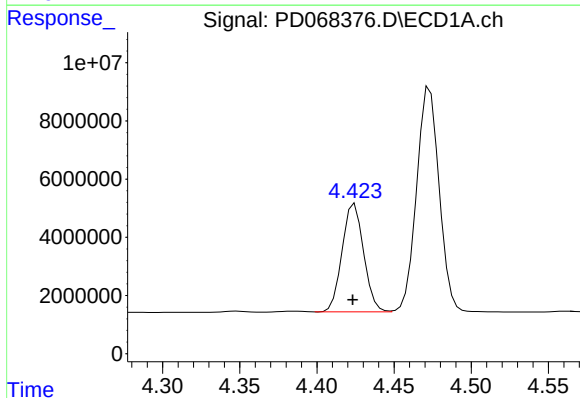
R.T.: 4.721 min
Delta R.T.: 0.001 min
Response: 81616200
Conc: 52.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



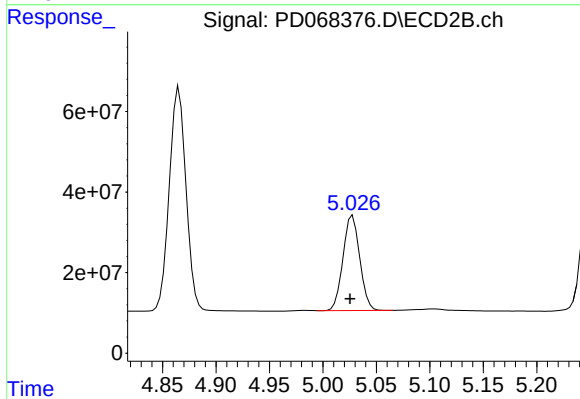
#5 Aldrin

R.T.: 5.706 min
Delta R.T.: 0.003 min
Response: 561869134
Conc: 47.52 ng/ml



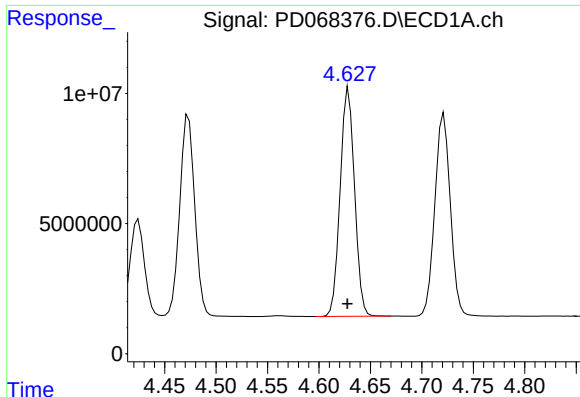
#6 beta-BHC

R.T.: 4.424 min
Delta R.T.: 0.001 min
Response: 36014974
Conc: 51.33 ng/ml



#6 beta-BHC

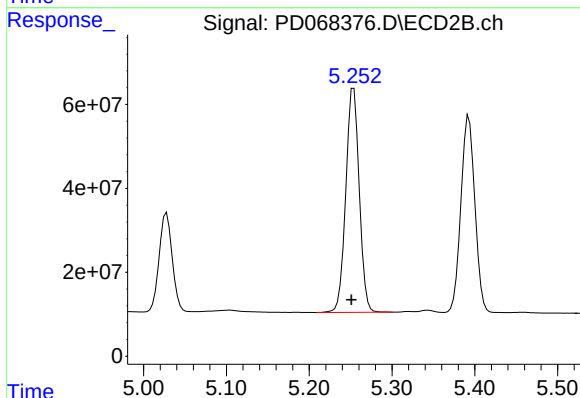
R.T.: 5.028 min
Delta R.T.: 0.002 min
Response: 257634839
Conc: 47.66 ng/ml



#7 delta-BHC

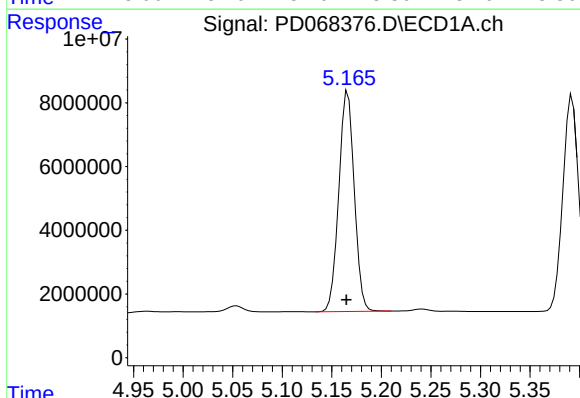
R.T.: 4.629 min
Delta R.T.: 0.001 min
Response: 85386376
Conc: 52.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



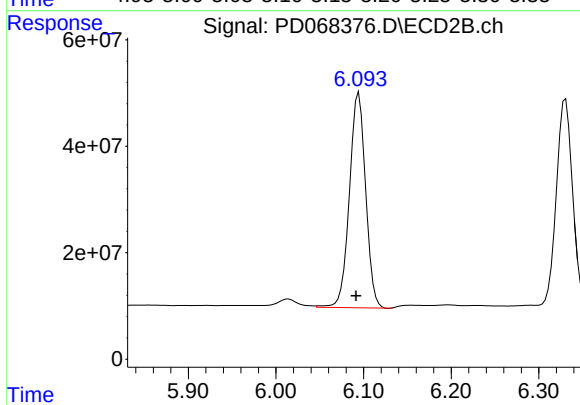
#7 delta-BHC

R.T.: 5.254 min
Delta R.T.: 0.003 min
Response: 603770296
Conc: 48.54 ng/ml



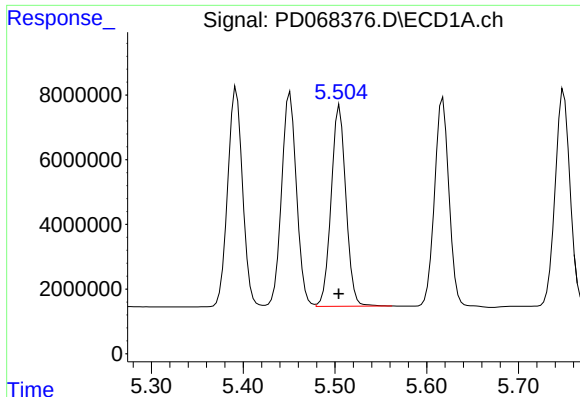
#8 Heptachlor epoxide

R.T.: 5.166 min
Delta R.T.: 0.001 min
Response: 74987514
Conc: 51.44 ng/ml



#8 Heptachlor epoxide

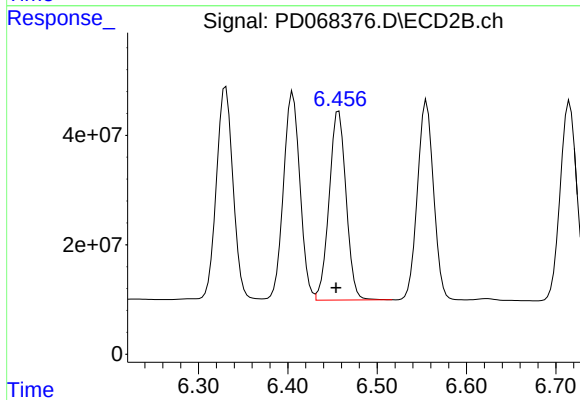
R.T.: 6.095 min
Delta R.T.: 0.003 min
Response: 518806538
Conc: 48.41 ng/ml



#9 Endosulfan I

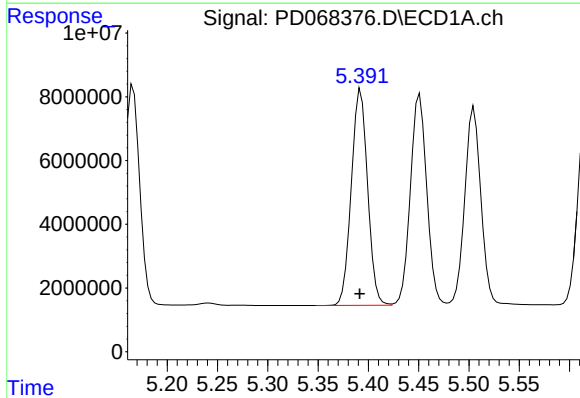
R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 69634998
Conc: 51.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



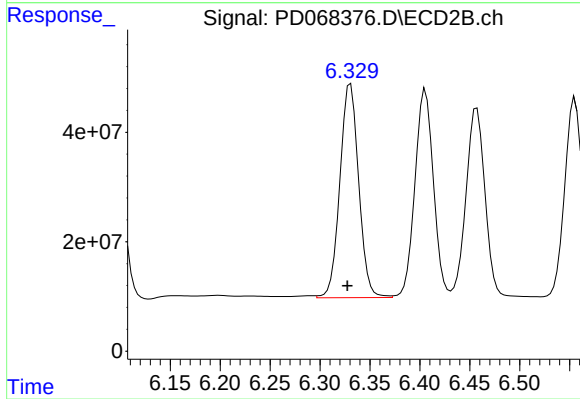
#9 Endosulfan I

R.T.: 6.457 min
Delta R.T.: 0.003 min
Response: 455715791
Conc: 47.23 ng/ml



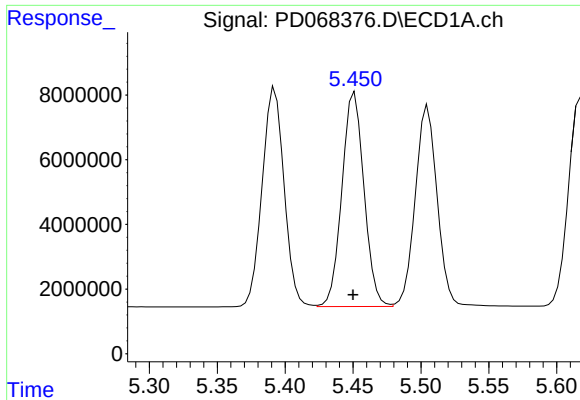
#10 gamma-Chlordane

R.T.: 5.393 min
Delta R.T.: 0.001 min
Response: 76334928
Conc: 51.28 ng/ml



#10 gamma-Chlordane

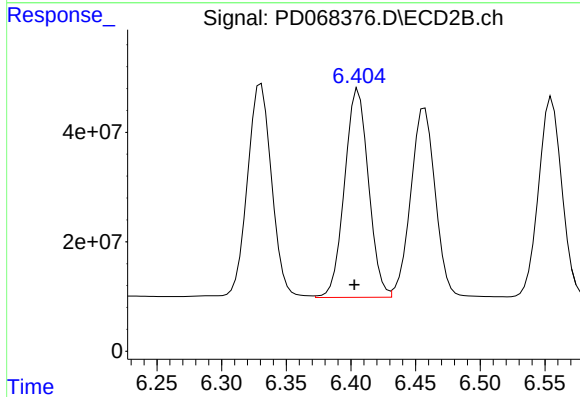
R.T.: 6.331 min
Delta R.T.: 0.003 min
Response: 512193140
Conc: 48.44 ng/ml



#11 alpha-Chlordane

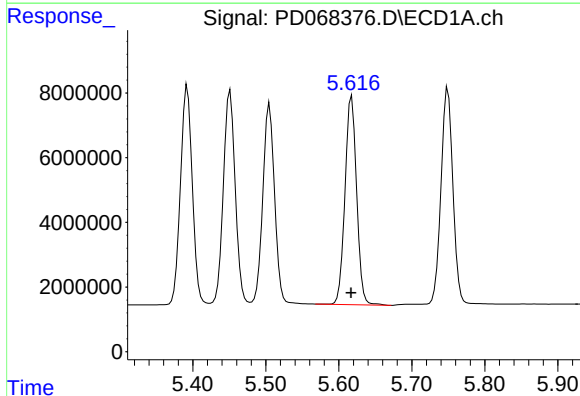
R.T.: 5.451 min
Delta R.T.: 0.001 min
Response: 75006533
Conc: 51.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



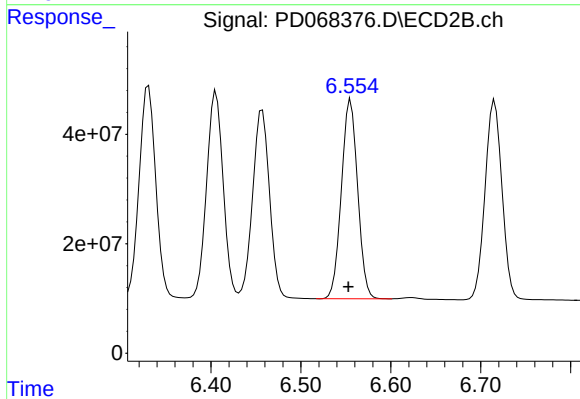
#11 alpha-Chlordane

R.T.: 6.406 min
Delta R.T.: 0.003 min
Response: 489807681
Conc: 47.52 ng/ml



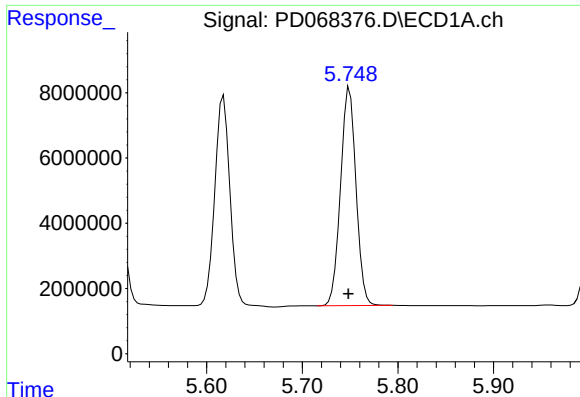
#12 4,4'-DDE

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 71359563
Conc: 52.32 ng/ml



#12 4,4'-DDE

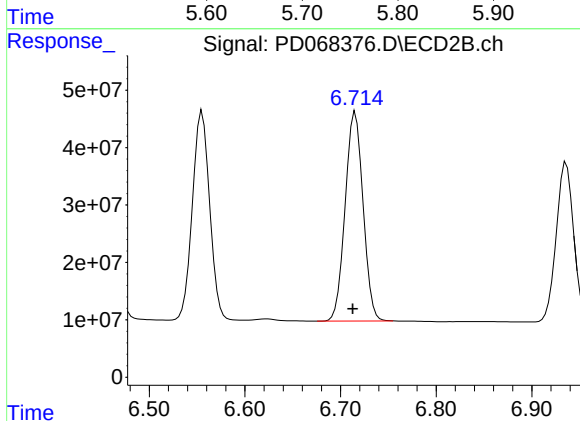
R.T.: 6.555 min
Delta R.T.: 0.003 min
Response: 456622846
Conc: 46.71 ng/ml



#13 Dieldrin

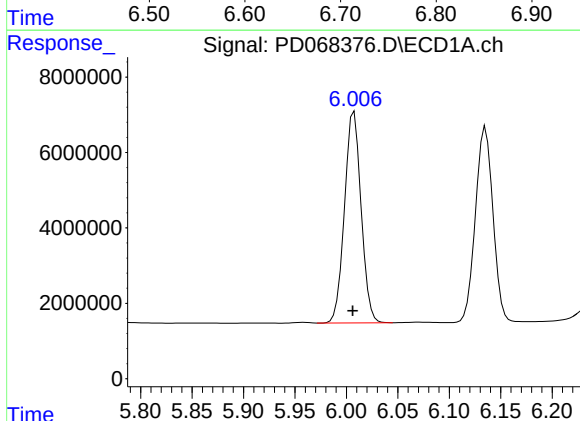
R.T.: 5.749 min
Delta R.T.: 0.001 min
Response: 75359609
Conc: 51.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



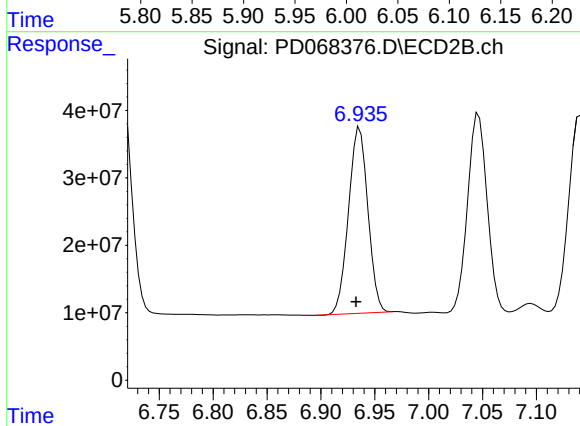
#13 Dieldrin

R.T.: 6.715 min
Delta R.T.: 0.003 min
Response: 476477325
Conc: 46.24 ng/ml



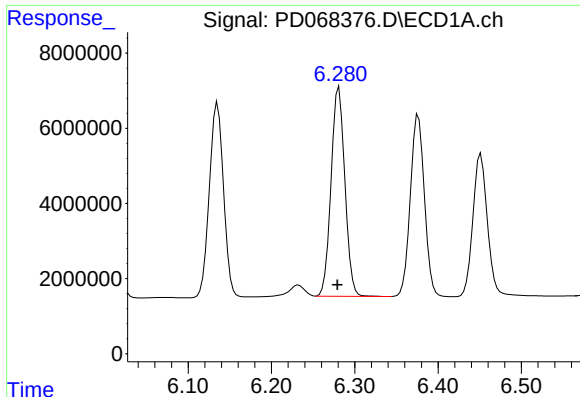
#14 Endrin

R.T.: 6.007 min
Delta R.T.: 0.001 min
Response: 62961564
Conc: 50.97 ng/ml



#14 Endrin

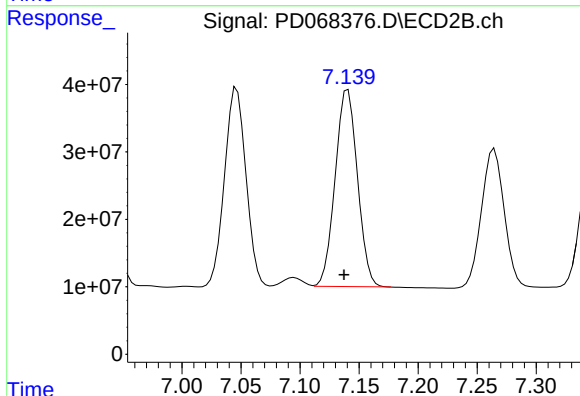
R.T.: 6.936 min
Delta R.T.: 0.003 min
Response: 345624803
Conc: 44.94 ng/ml



#15 Endosulfan II

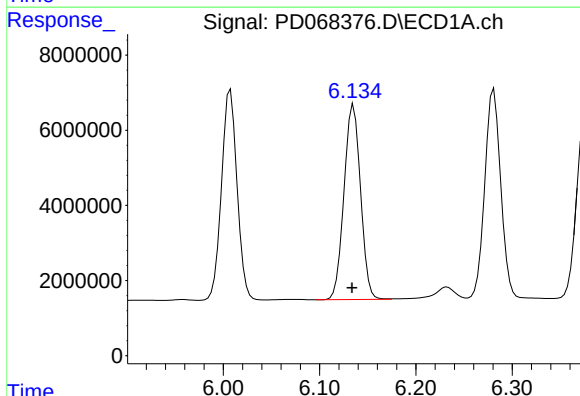
R.T.: 6.281 min
Delta R.T.: 0.002 min
Response: 64216040
Conc: 50.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



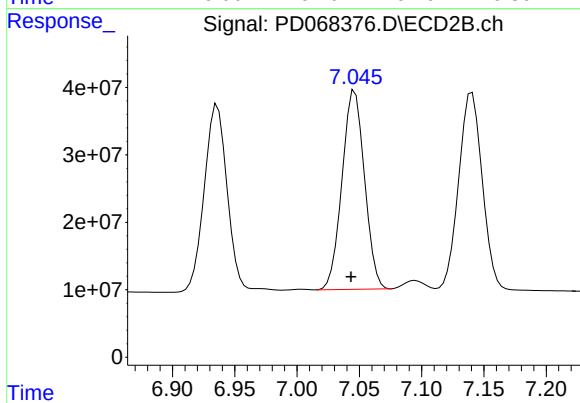
#15 Endosulfan II

R.T.: 7.141 min
Delta R.T.: 0.003 min
Response: 383431667
Conc: 46.66 ng/ml



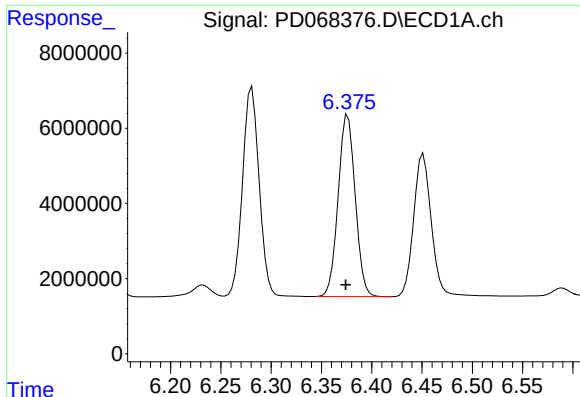
#16 4,4'-DDD

R.T.: 6.135 min
Delta R.T.: 0.002 min
Response: 61601102
Conc: 51.94 ng/ml



#16 4,4'-DDD

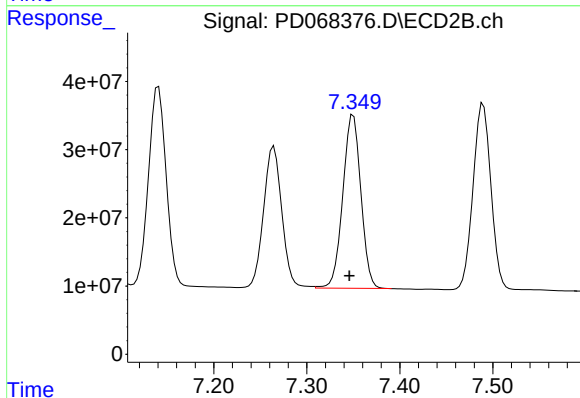
R.T.: 7.046 min
Delta R.T.: 0.003 min
Response: 371798096
Conc: 47.24 ng/ml



#17 4,4'-DDT

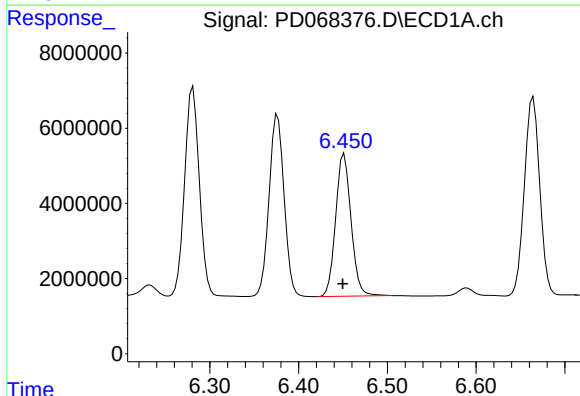
R.T.: 6.376 min
Delta R.T.: 0.002 min
Response: 57067627
Conc: 51.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



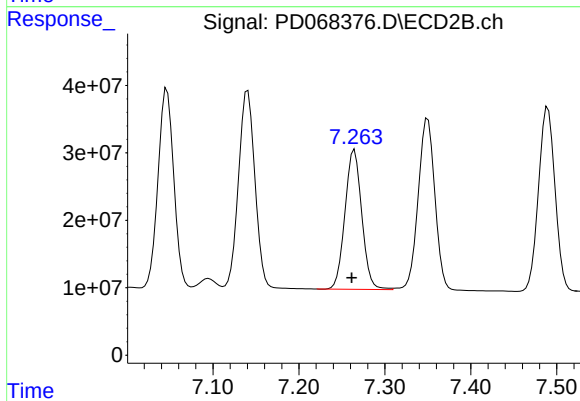
#17 4,4'-DDT

R.T.: 7.350 min
Delta R.T.: 0.004 min
Response: 343462499
Conc: 48.54 ng/ml



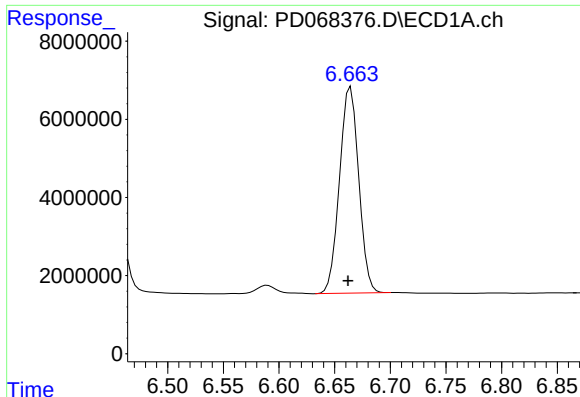
#18 Endrin aldehyde

R.T.: 6.451 min
Delta R.T.: 0.002 min
Response: 45778127
Conc: 49.95 ng/ml



#18 Endrin aldehyde

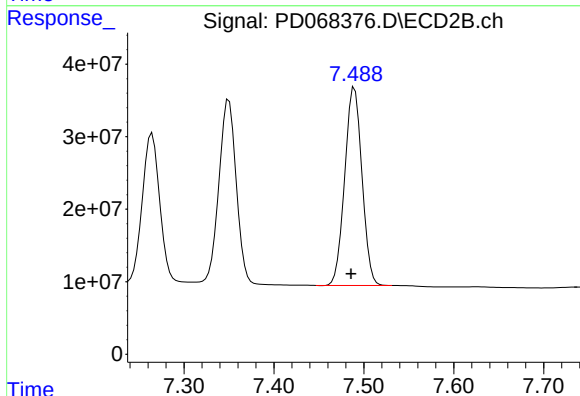
R.T.: 7.265 min
Delta R.T.: 0.003 min
Response: 281986841
Conc: 46.86 ng/ml



#19 Endosulfan Sulfate

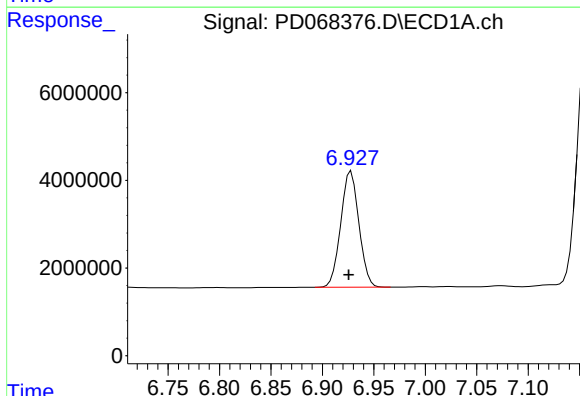
R.T.: 6.664 min
Delta R.T.: 0.002 min
Response: 63455993
Conc: 50.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



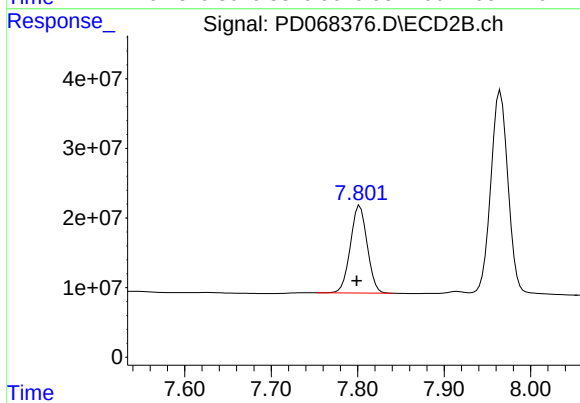
#19 Endosulfan Sulfate

R.T.: 7.490 min
Delta R.T.: 0.004 min
Response: 364215510
Conc: 46.81 ng/ml



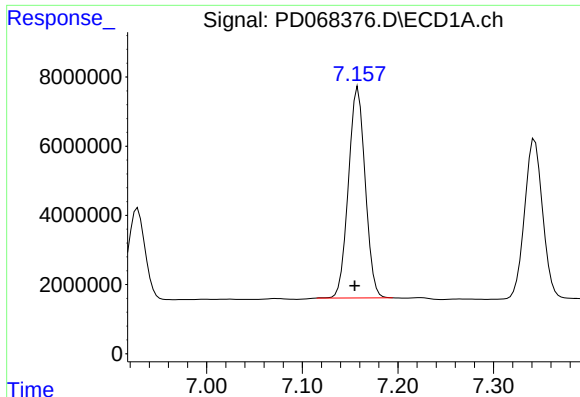
#20 Methoxychlor

R.T.: 6.928 min
Delta R.T.: 0.002 min
Response: 32537541
Conc: 50.14 ng/ml



#20 Methoxychlor

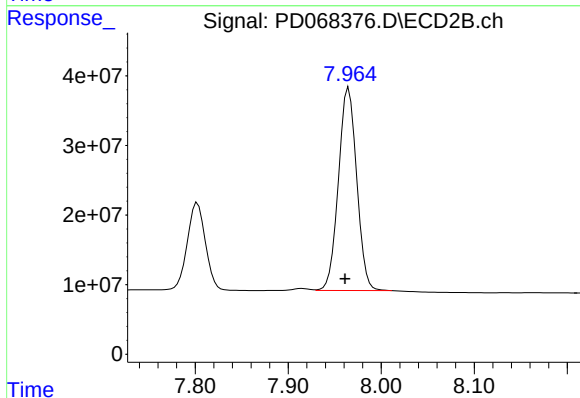
R.T.: 7.803 min
Delta R.T.: 0.004 min
Response: 169620668
Conc: 48.82 ng/ml



#21 Endrin ketone

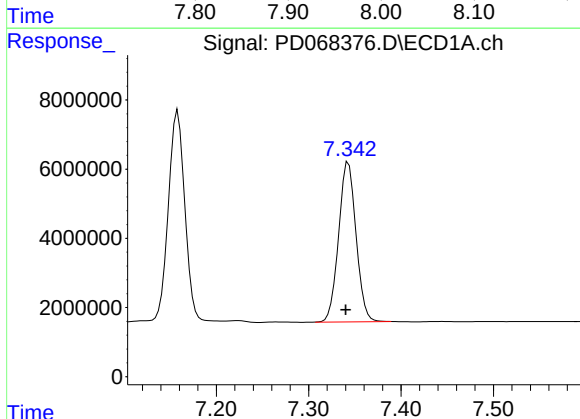
R.T.: 7.158 min
Delta R.T.: 0.004 min
Response: 74558696
Conc: 50.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



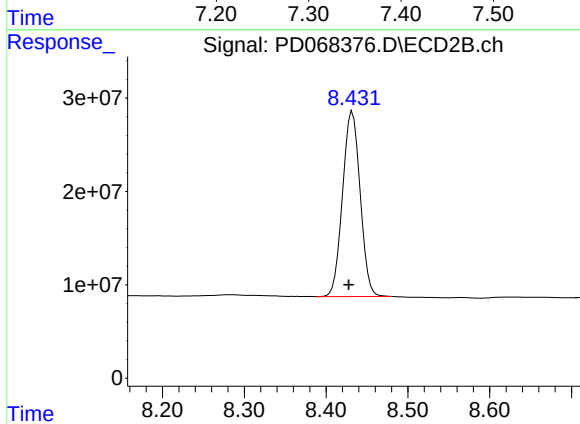
#21 Endrin ketone

R.T.: 7.965 min
Delta R.T.: 0.004 min
Response: 398084501
Conc: 47.42 ng/ml



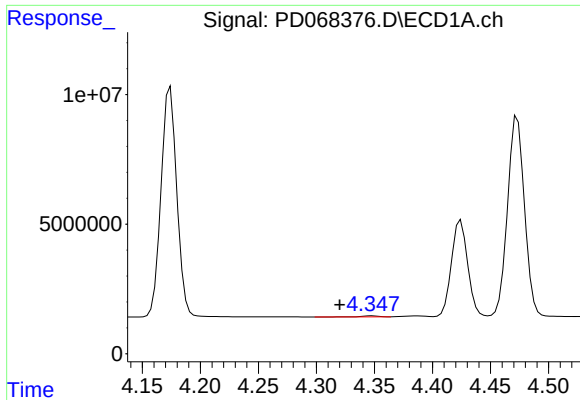
#22 Mirex

R.T.: 7.343 min
Delta R.T.: 0.003 min
Response: 60601142
Conc: 47.81 ng/ml



#22 Mirex

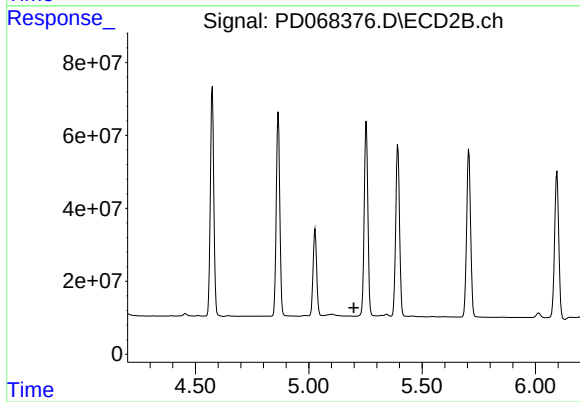
R.T.: 8.432 min
Delta R.T.: 0.004 min
Response: 295160525
Conc: 46.15 ng/ml



#23 Chlordane-1

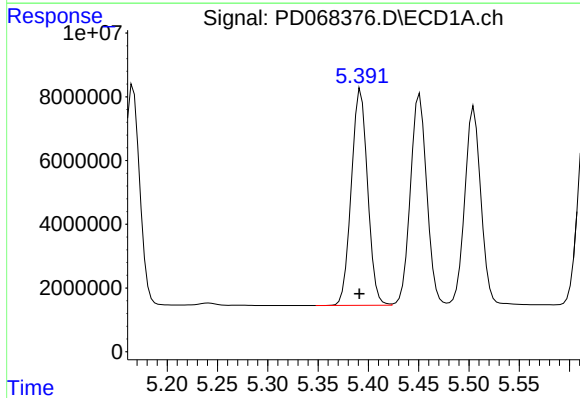
R.T.: 4.348 min
Delta R.T.: 0.028 min
Response: 339462
Conc: 7.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



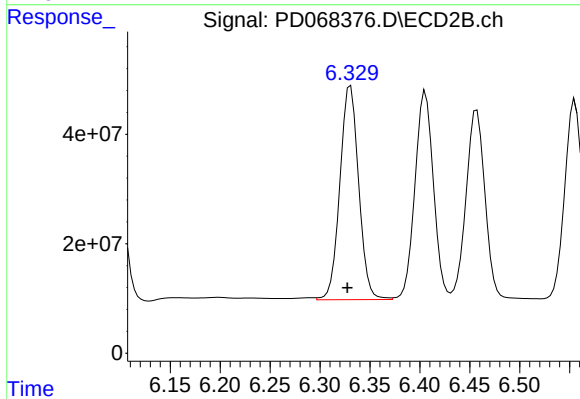
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.199 min
Response: 0
Conc: N.D.



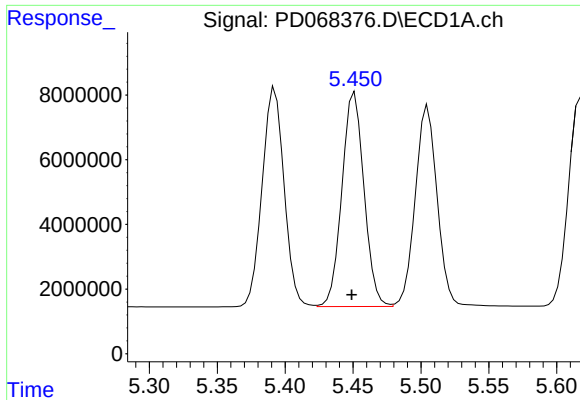
#25 Chlordane-3

R.T.: 5.393 min
Delta R.T.: 0.001 min
Response: 76334928
Conc: 533.56 ng/ml



#25 Chlordane-3

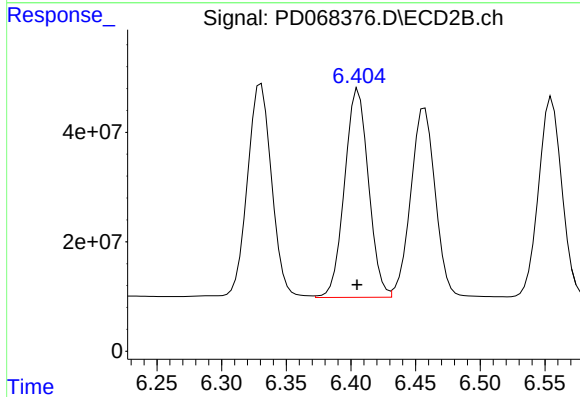
R.T.: 6.331 min
Delta R.T.: 0.003 min
Response: 512193140
Conc: 360.17 ng/ml



#26 Chlordane-4

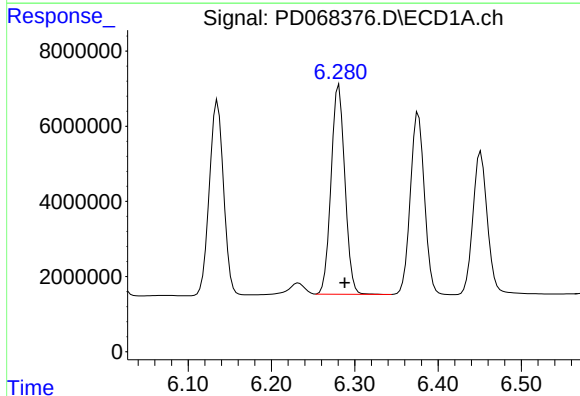
R.T.: 5.451 min
Delta R.T.: 0.002 min
Response: 75006533
Conc: 613.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



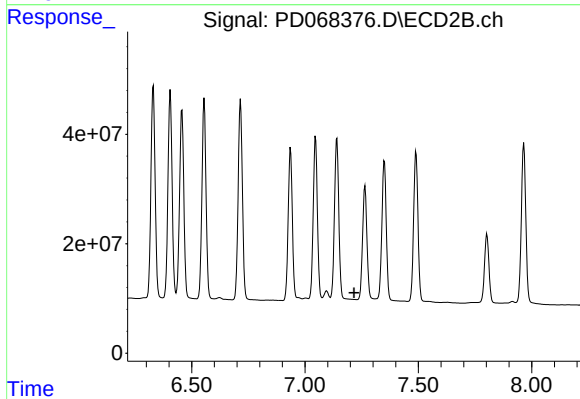
#26 Chlordane-4

R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 489807681
Conc: 303.89 ng/ml



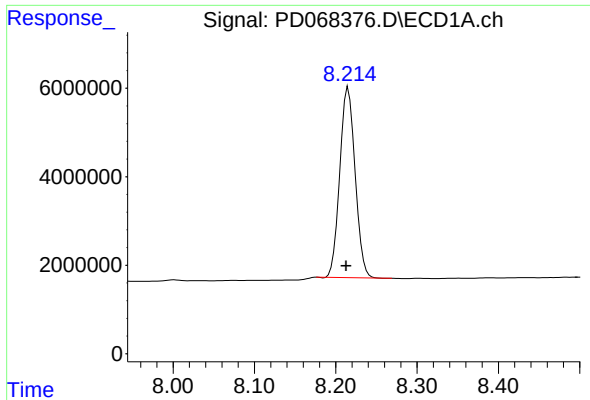
#27 Chlordane-5

R.T.: 6.281 min
Delta R.T.: -0.007 min
Response: 64216040
Conc: 1303.71 ng/ml



#27 Chlordane-5

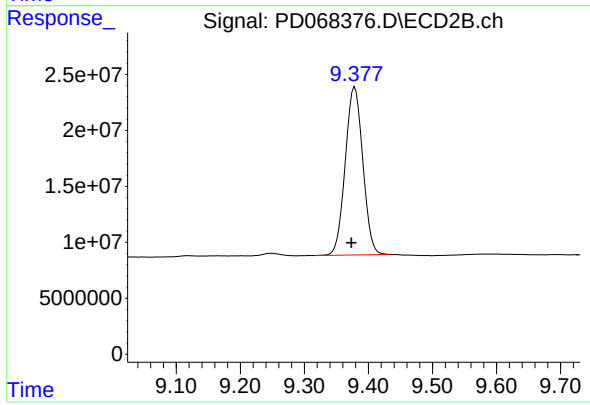
R.T.: 0.000 min
Exp R.T. : 7.216 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.215 min
Delta R.T.: 0.003 min
Response: 56175164
Conc: 48.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.379 min
Delta R.T.: 0.005 min
Response: 285581427
Conc: 48.17 ng/ml