

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061125\
 Data File : PD088915.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 13:11
 Operator : AR\AJ
 Sample : PCHLORCCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PCHLORCCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 07:39:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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...	3.548	2.879	114.4E6	836.8E6	52.862	55.316
28)	SA Decachlor...	9.071	8.070	157.1E6	818.0E6	45.897	44.808
Target Compounds							
2)	A alpha-BHC	4.020f	3.384	6082121	2160594	1.273	0.090 #
3)	MA gamma-BHC...	4.356f	3.734	2600241	7425441	0.565	0.335 #
4)	MA Heptachlor	4.927	4.081	132.4E6	559.3E6	29.608	24.909
5)	MB Aldrin	5.304f	4.381	4291726	47625661	0.977	2.172 #
6)	B beta-BHC	0.000	4.035	0	2078544	N.D.	0.213 #
7)	B delta-BHC	0.000	4.262	0	57265123	N.D.	2.569 #
8)	Heptachlo...	5.670f	0.000	54595622	0	13.755	N.D. #
9)	A Endosulfan I	0.000	5.261	0	1638762	N.D.	0.086 #
10)	B gamma-Chl...	5.945	5.124	361.9E6	1201.8E6	90.717	56.340 #
11)	B alpha-Chl...	6.030	5.188	437.3E6	1014.0E6	109.159	49.163 #
12)	B 4,4'-DDE	6.181f	5.372	2613450	-7026520	0.728	N.D. #
13)	MA Dieldrin	6.352	5.535f	13844840	14024071	3.451	0.666 #
14)	MA Endrin	6.599f	5.789	4159374	143.0E6	1.218	7.417 #
15)	B Endosulfa...	6.785	6.088	8645448	461.4E6	2.511	25.183 #
16)	A 4,4'-DDD	6.725f	5.921	16239353	-10199206	5.831	N.D. #
17)	MA 4,4'-DDT	0.000	6.181	0	8633782	N.D.	0.476 #
18)	B Endrin al...	6.925	6.265	5881537	8051938	2.284	0.578 #
19)	B Endosulfa...	7.149	6.485	871538	18722202	0.272	1.054 #
20)	A Methoxychlor	7.486	6.758	1610056	4223560	0.964	0.441 #
21)	B Endrin ke...	0.000	6.970f	0	6581290	N.D.	0.340 #
22)	Mirex	8.115	7.189	376791	2455189	0.145	0.162
23)	Chlordane-1	4.713	3.904	79302970	380.1E6	440.069	460.000
24)	Chlordane-2	5.239	4.486	90359062	394.8E6	492.406	467.822
25)	Chlordane-3	5.945	5.124	361.9E6	1201.8E6	489.071	455.792
26)	Chlordane-4	6.030	5.188	437.3E6	1014.0E6	487.983	458.297
27)	Chlordane-5	6.869	6.088	72739691	461.4E6	478.120	461.000

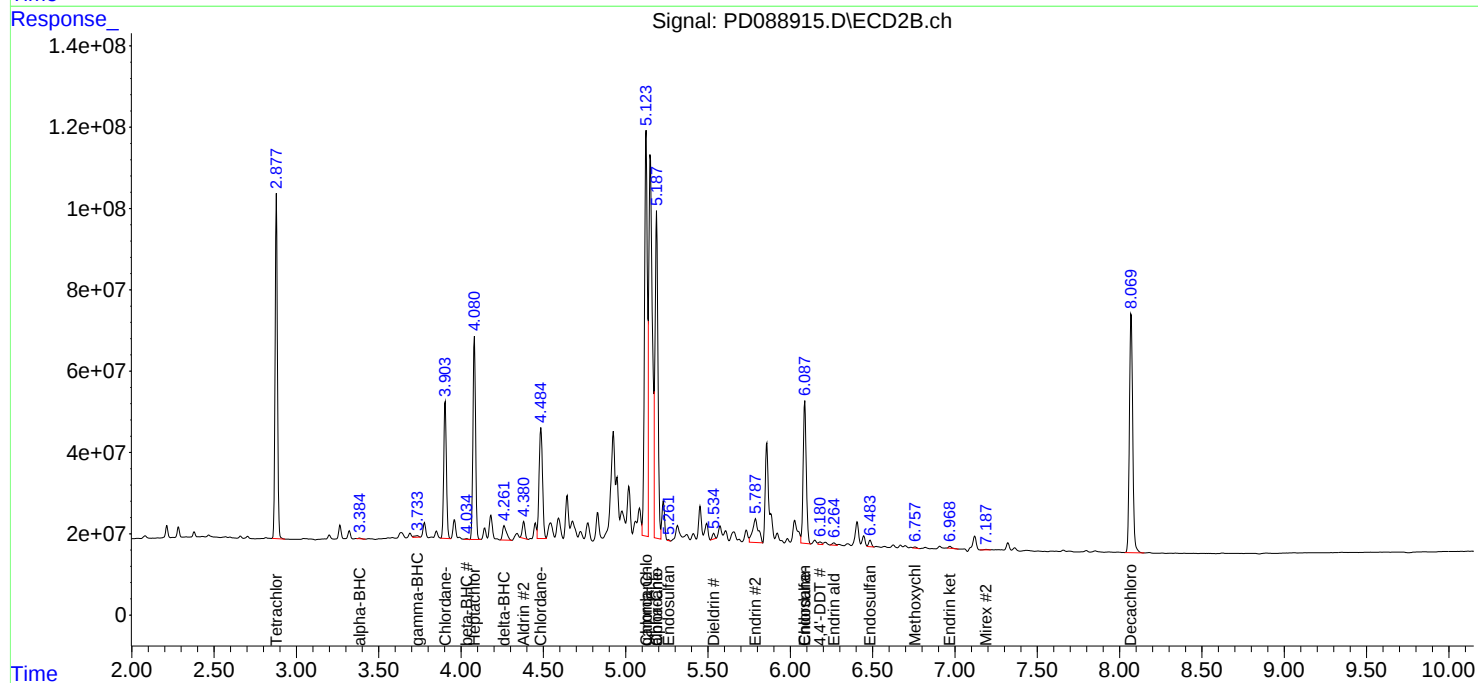
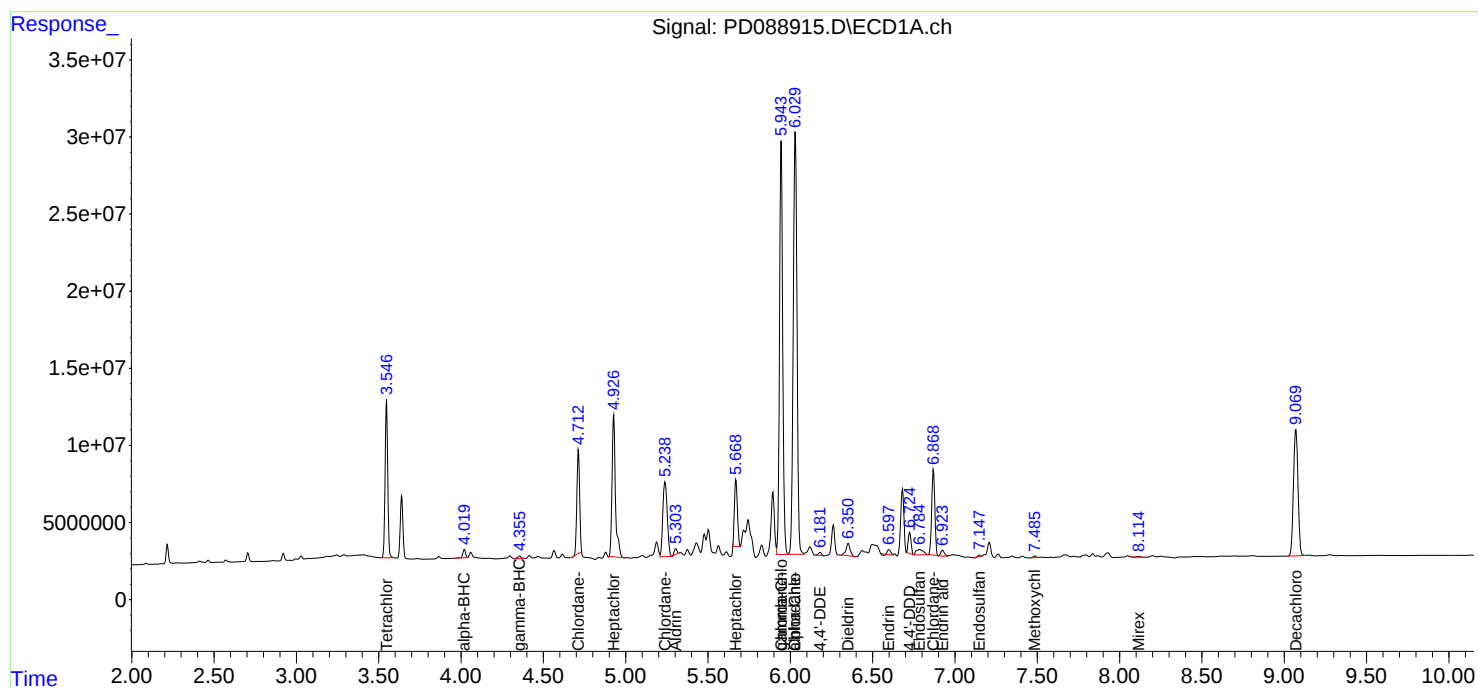
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

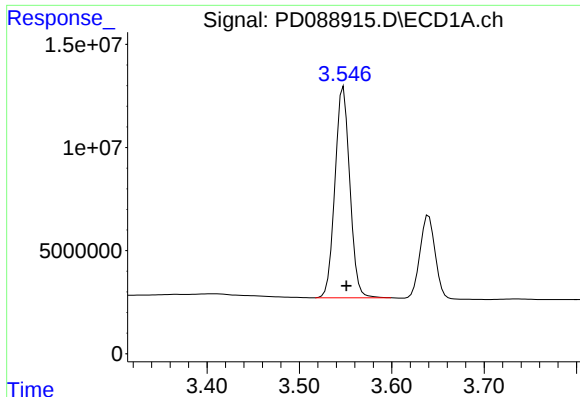
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061125\
Data File : PD088915.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 13:11
Operator : AR\AJ
Sample : PCHLORCCC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 07:39:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
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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

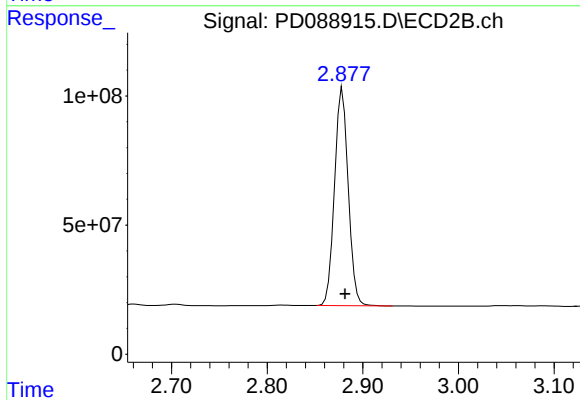




#1 Tetrachloro-m-xylene

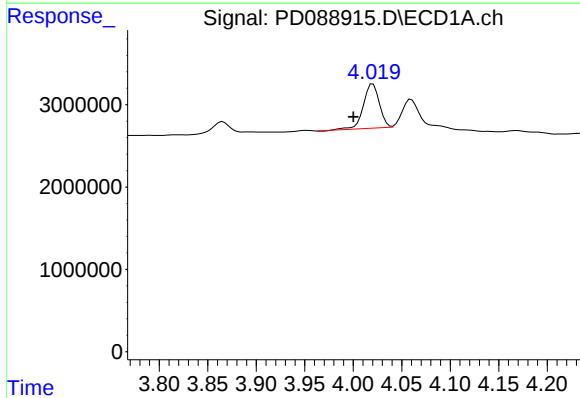
R.T.: 3.548 min
Delta R.T.: -0.003 min
Response: 114379788
Conc: 52.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



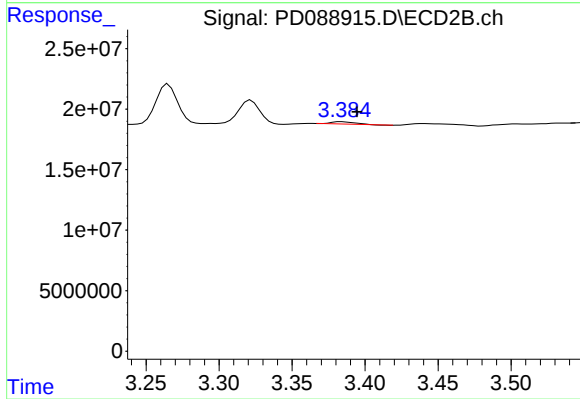
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.003 min
Response: 836750902
Conc: 55.32 ng/ml



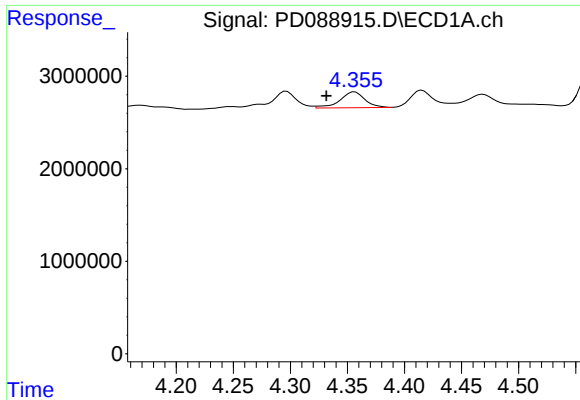
#2 alpha-BHC

R.T.: 4.020 min
Delta R.T.: 0.020 min
Response: 6082121
Conc: 1.27 ng/ml



#2 alpha-BHC

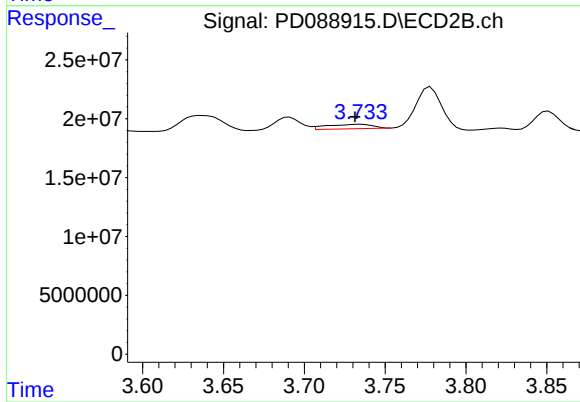
R.T.: 3.384 min
Delta R.T.: -0.010 min
Response: 2160594
Conc: 0.09 ng/ml



#3 gamma-BHC (Lindane)

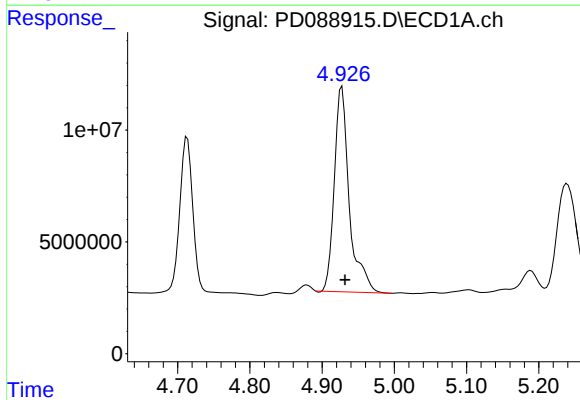
R.T.: 4.356 min
Delta R.T.: 0.025 min
Response: 2600241
Conc: 0.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



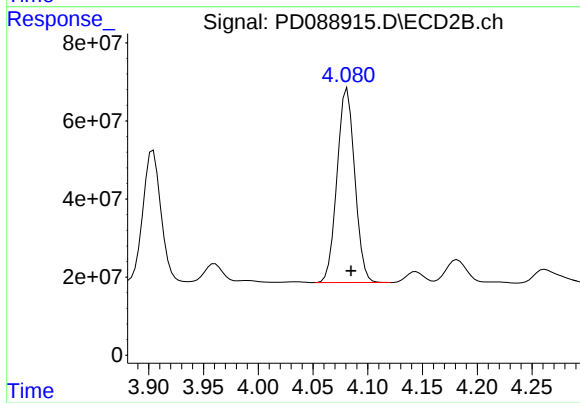
#3 gamma-BHC (Lindane)

R.T.: 3.734 min
Delta R.T.: 0.003 min
Response: 7425441
Conc: 0.33 ng/ml



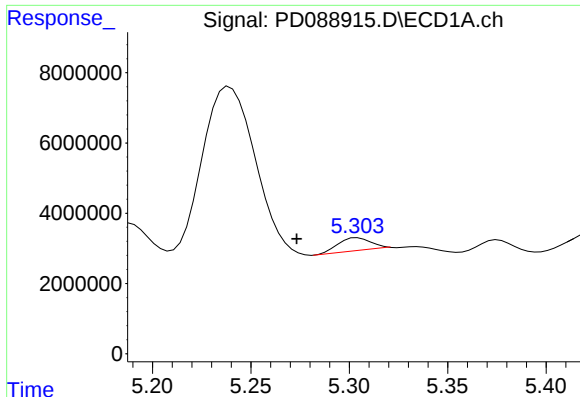
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: -0.004 min
Response: 132382216
Conc: 29.61 ng/ml



#4 Heptachlor

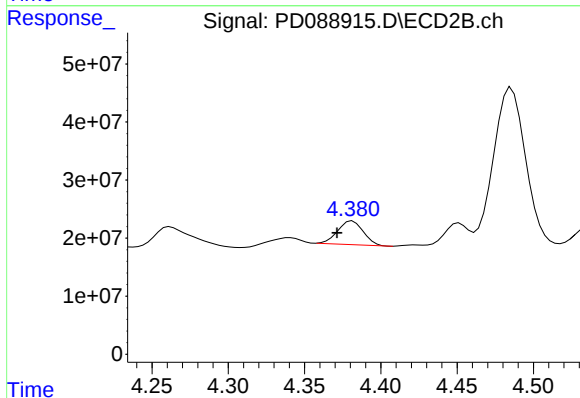
R.T.: 4.081 min
Delta R.T.: -0.003 min
Response: 559326333
Conc: 24.91 ng/ml



#5 Aldrin

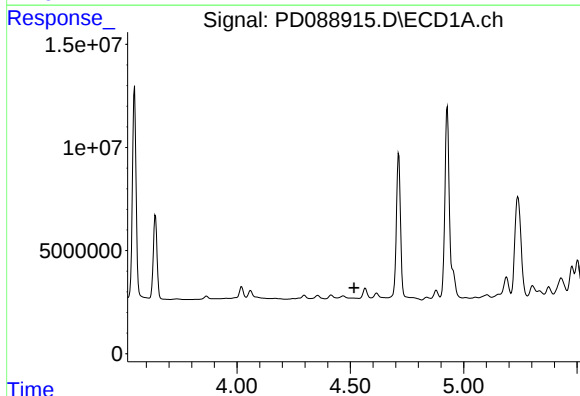
R.T.: 5.304 min
Delta R.T.: 0.031 min
Response: 4291726
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



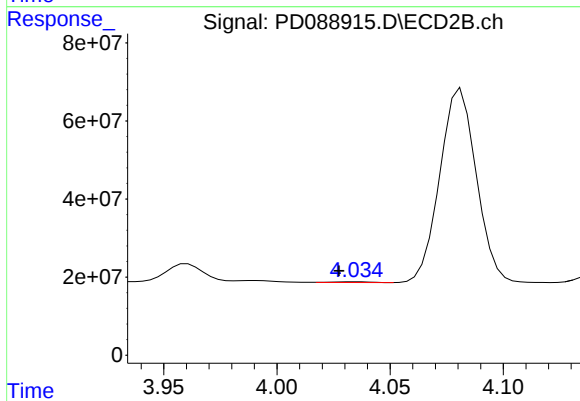
#5 Aldrin

R.T.: 4.381 min
Delta R.T.: 0.010 min
Response: 47625661
Conc: 2.17 ng/ml



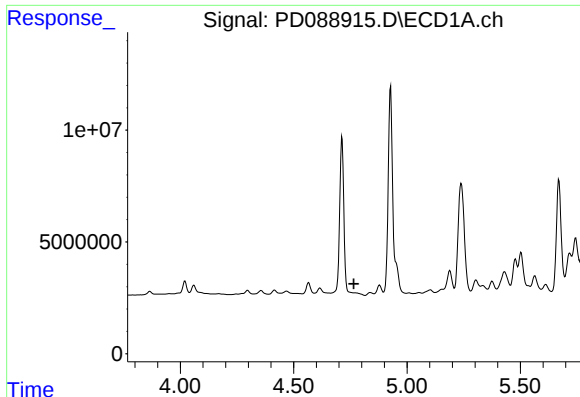
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.517 min
Response: 0
Conc: N.D.



#6 beta-BHC

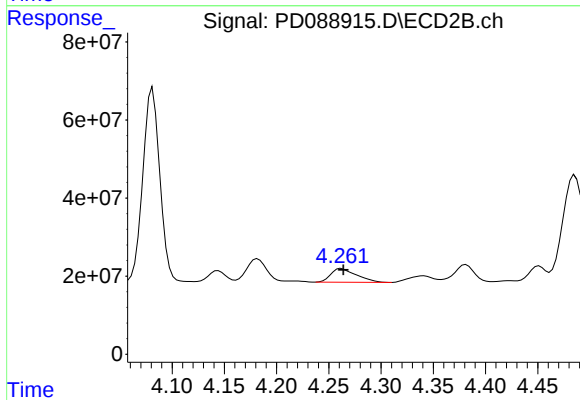
R.T.: 4.035 min
Delta R.T.: 0.008 min
Response: 2078544
Conc: 0.21 ng/ml



#7 delta-BHC

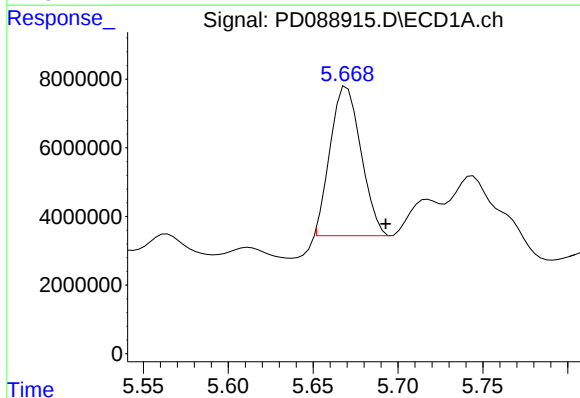
R.T.: 0.000 min
Exp R.T.: 4.766 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



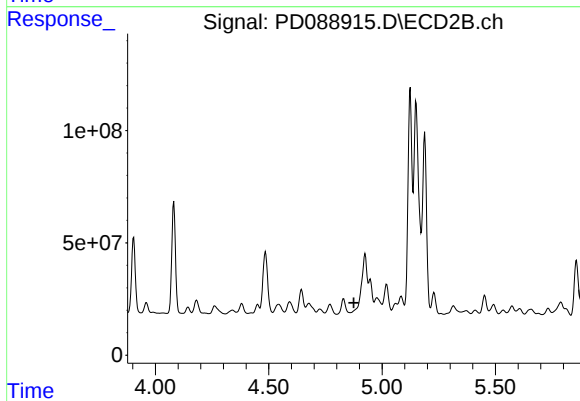
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: -0.002 min
Response: 57265123
Conc: 2.57 ng/ml



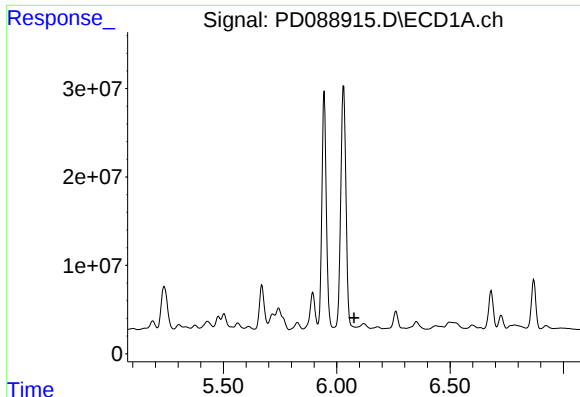
#8 Heptachlor epoxide

R.T.: 5.670 min
Delta R.T.: -0.023 min
Response: 54595622
Conc: 13.75 ng/ml



#8 Heptachlor epoxide

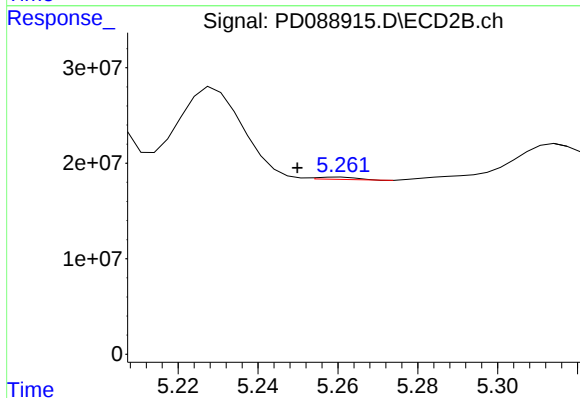
R.T.: 0.000 min
Exp R.T.: 4.875 min
Response: 0
Conc: N.D.



#9 Endosulfan I

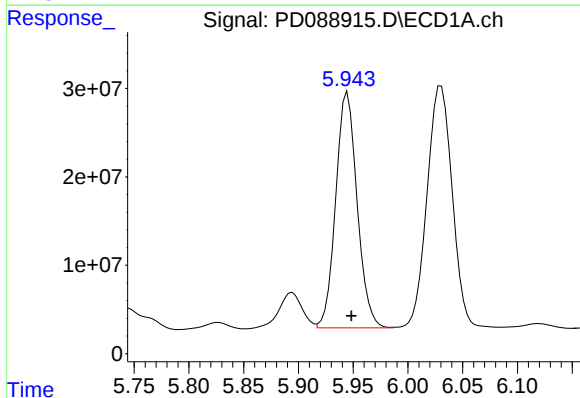
R.T.: 0.000 min
Exp R.T.: 6.077 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



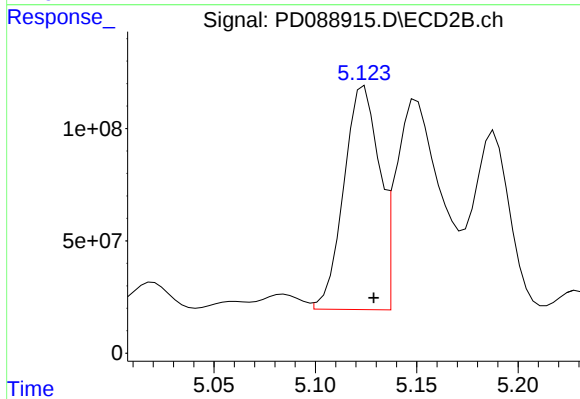
#9 Endosulfan I

R.T.: 5.261 min
Delta R.T.: 0.011 min
Response: 1638762
Conc: 0.09 ng/ml



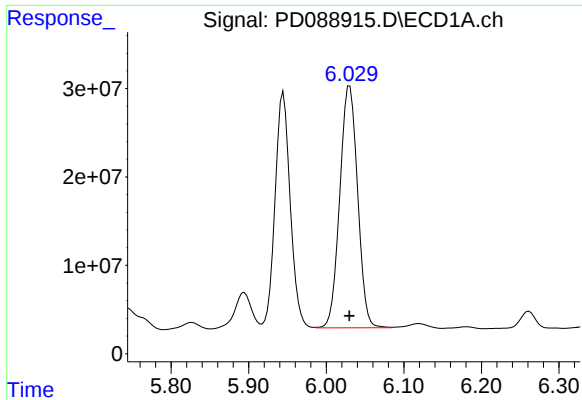
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.004 min
Response: 361865515
Conc: 90.72 ng/ml



#10 gamma-Chlordane

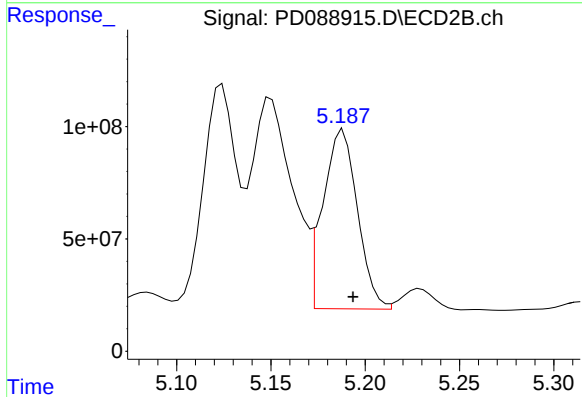
R.T.: 5.124 min
Delta R.T.: -0.005 min
Response: 1201846087
Conc: 56.34 ng/ml



#11 alpha-Chlordane

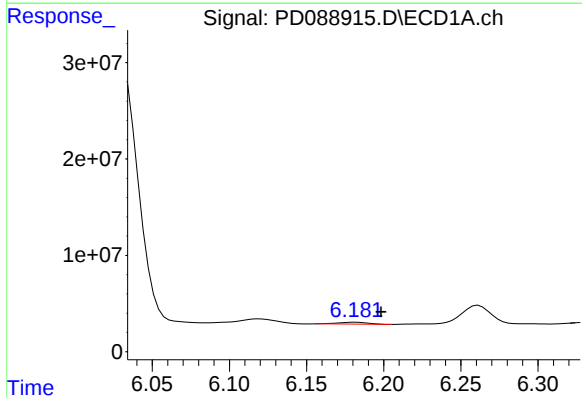
R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 437322177
Conc: 109.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



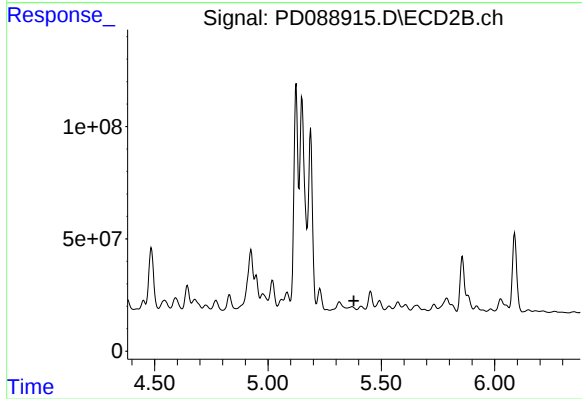
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.005 min
Response: 1013978756
Conc: 49.16 ng/ml



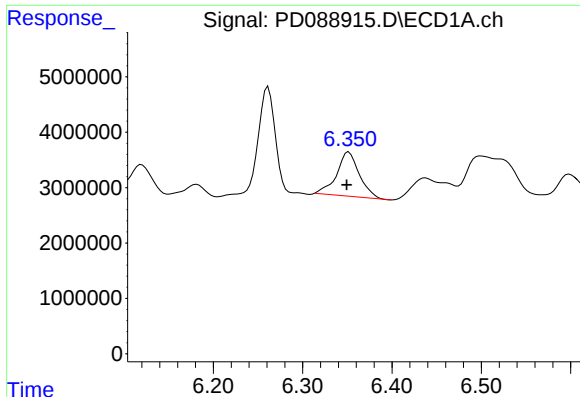
#12 4,4'-DDE

R.T.: 6.181 min
Delta R.T.: -0.017 min
Response: 2613450
Conc: 0.73 ng/ml



#12 4,4'-DDE

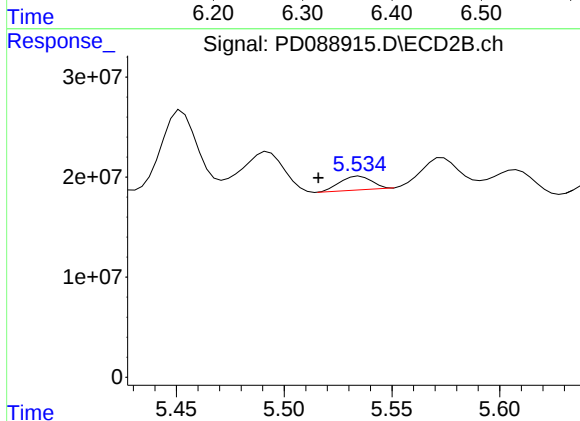
R.T.: 5.372 min
Delta R.T.: -0.007 min
Response: -7026520
Conc: N.D.



#13 Dieldrin

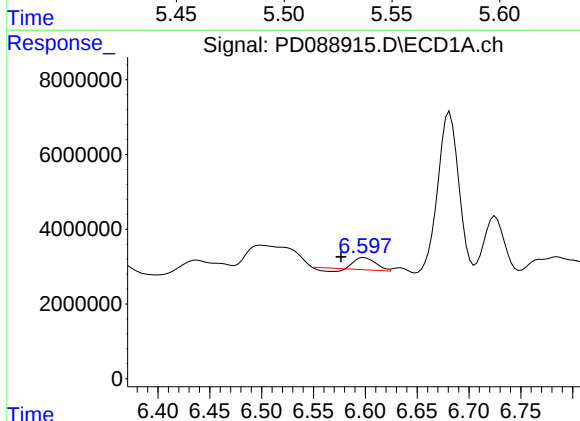
R.T.: 6.352 min
Delta R.T.: 0.002 min
Response: 13844840
Conc: 3.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



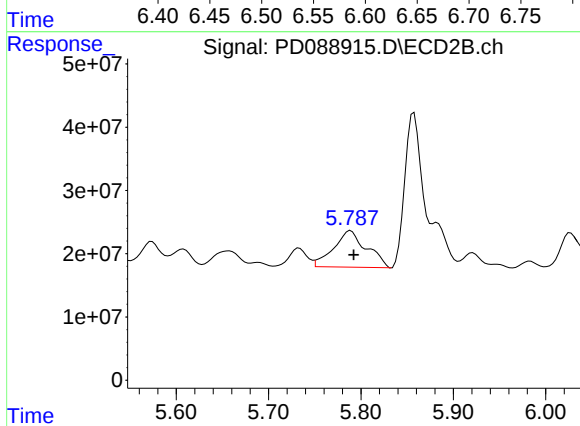
#13 Dieldrin

R.T.: 5.535 min
Delta R.T.: 0.019 min
Response: 14024071
Conc: 0.67 ng/ml



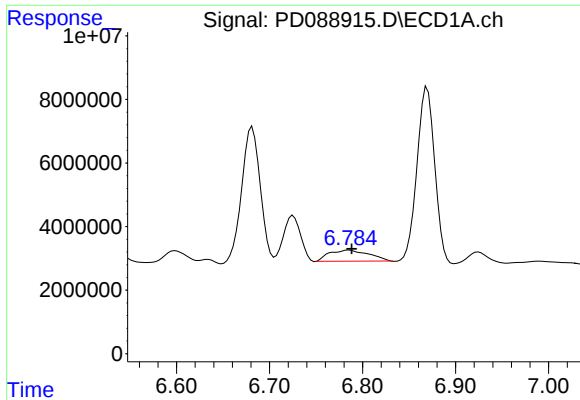
#14 Endrin

R.T.: 6.599 min
Delta R.T.: 0.022 min
Response: 4159374
Conc: 1.22 ng/ml



#14 Endrin

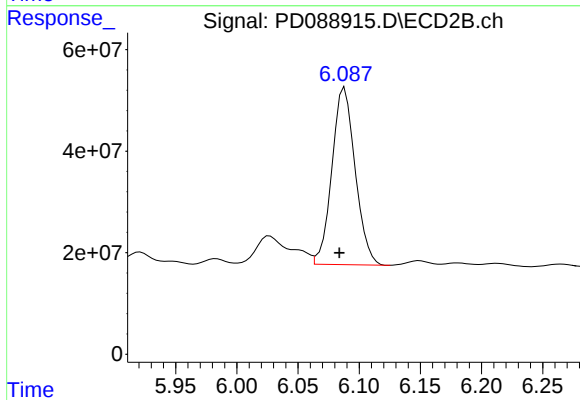
R.T.: 5.789 min
Delta R.T.: -0.004 min
Response: 143024861
Conc: 7.42 ng/ml



#15 Endosulfan II

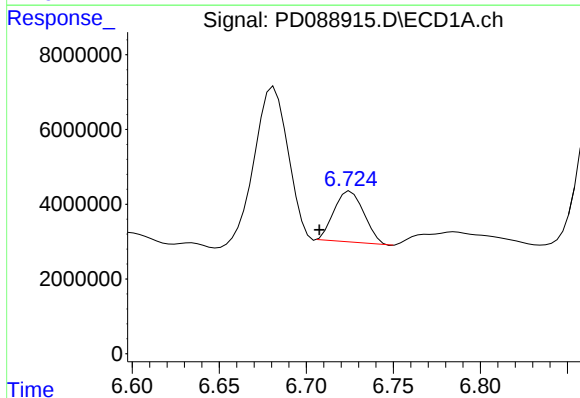
R.T.: 6.785 min
Delta R.T.: -0.003 min
Response: 8645448
Conc: 2.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



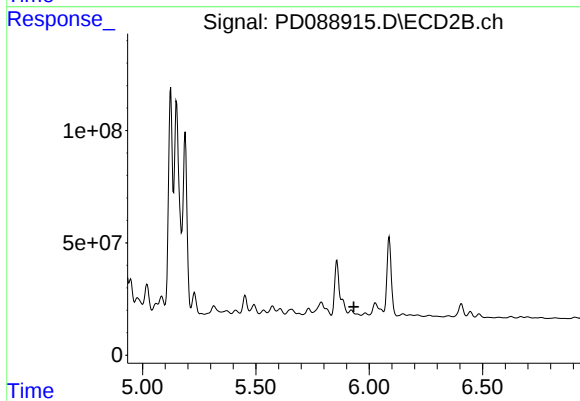
#15 Endosulfan II

R.T.: 6.088 min
Delta R.T.: 0.004 min
Response: 461393549
Conc: 25.18 ng/ml



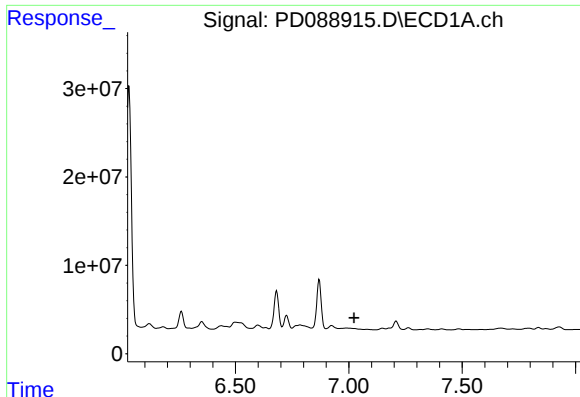
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: 0.018 min
Response: 16239353
Conc: 5.83 ng/ml



#16 4,4'-DDD

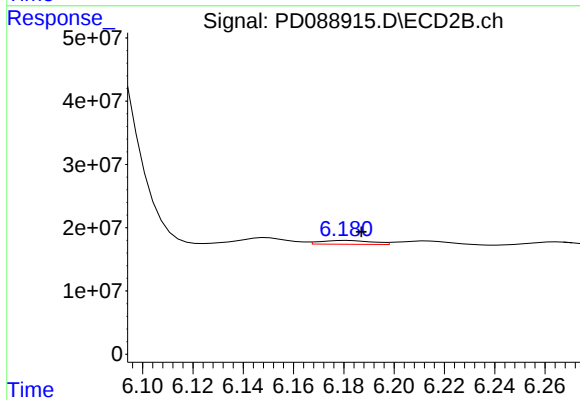
R.T.: 5.921 min
Delta R.T.: -0.012 min
Response: -10199206
Conc: N.D.



#17 4,4'-DDT

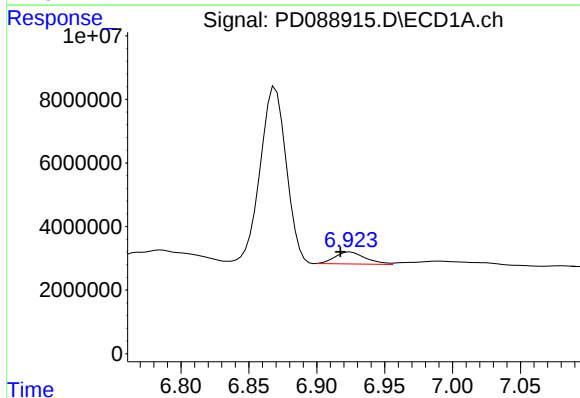
R.T.: 0.000 min
Exp R.T.: 7.023 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



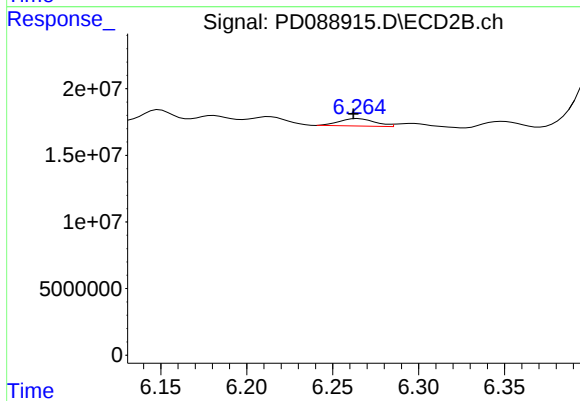
#17 4,4'-DDT

R.T.: 6.181 min
Delta R.T.: -0.006 min
Response: 8633782
Conc: 0.48 ng/ml



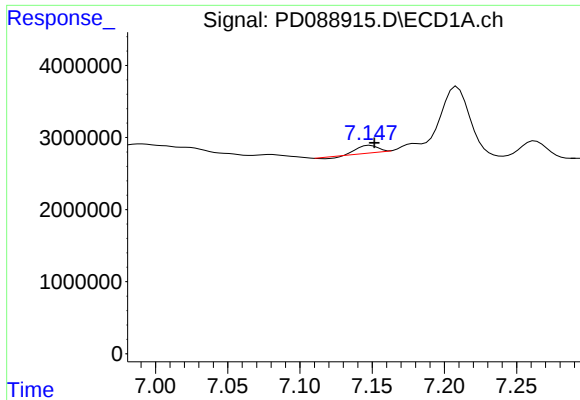
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.007 min
Response: 5881537
Conc: 2.28 ng/ml



#18 Endrin aldehyde

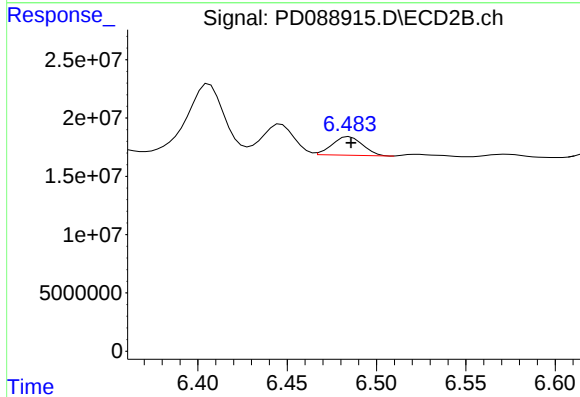
R.T.: 6.265 min
Delta R.T.: 0.003 min
Response: 8051938
Conc: 0.58 ng/ml



#19 Endosulfan Sulfate

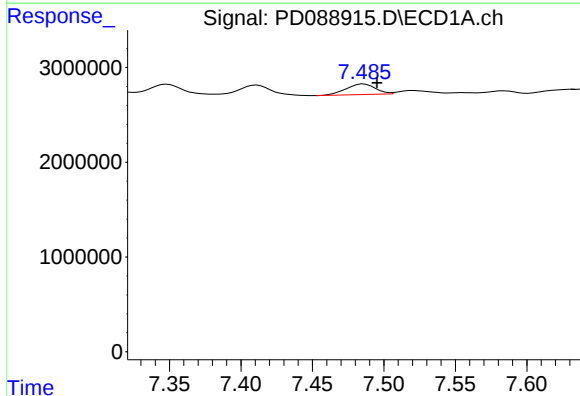
R.T.: 7.149 min
Delta R.T.: -0.003 min
Response: 871538
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



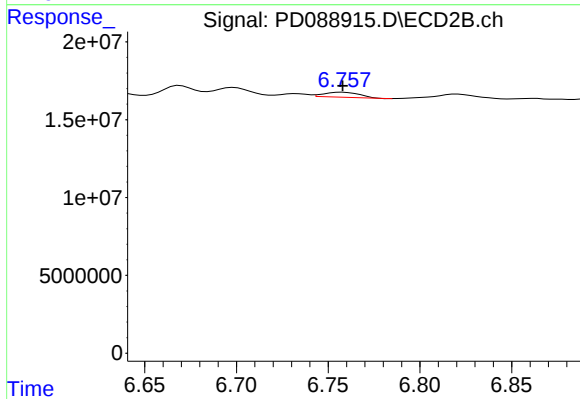
#19 Endosulfan Sulfate

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 18722202
Conc: 1.05 ng/ml



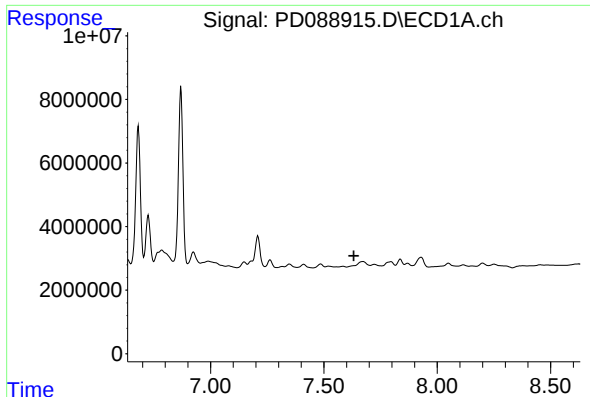
#20 Methoxychlor

R.T.: 7.486 min
Delta R.T.: -0.009 min
Response: 1610056
Conc: 0.96 ng/ml



#20 Methoxychlor

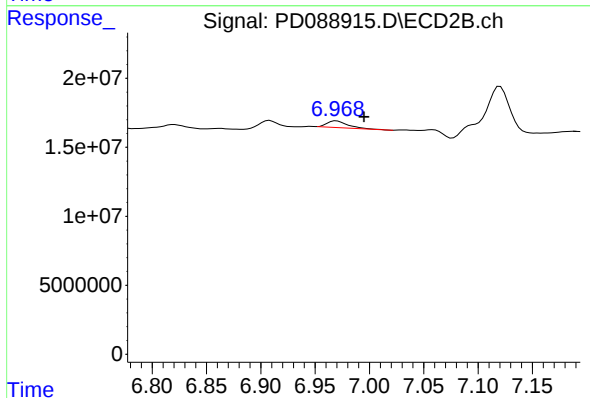
R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 4223560
Conc: 0.44 ng/ml



#21 Endrin ketone

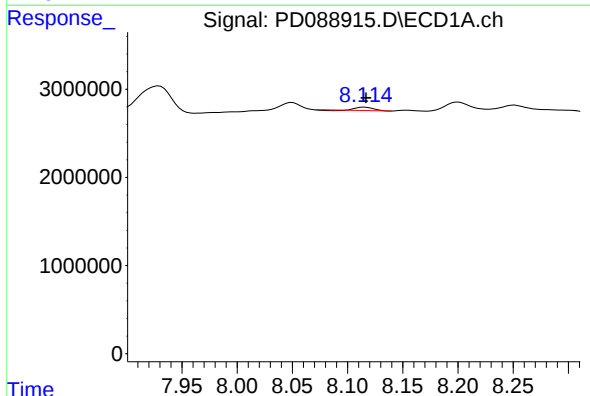
R.T.: 0.000 min
Exp R.T.: 7.633 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



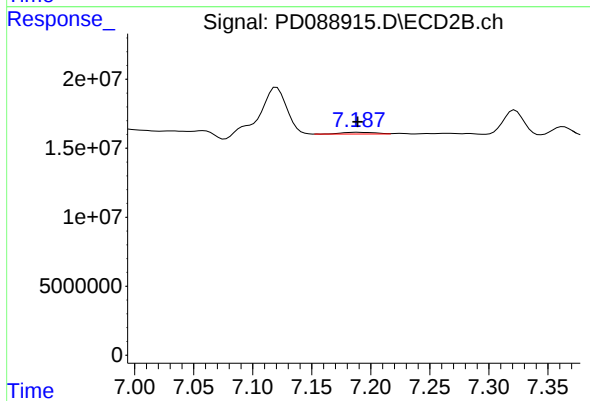
#21 Endrin ketone

R.T.: 6.970 min
Delta R.T.: -0.025 min
Response: 6581290
Conc: 0.34 ng/ml



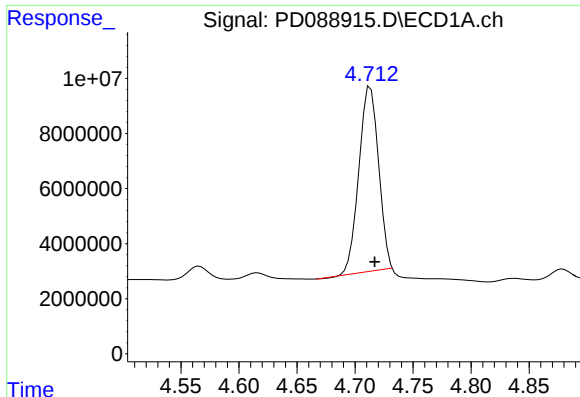
#22 Mirex

R.T.: 8.115 min
Delta R.T.: -0.001 min
Response: 376791
Conc: 0.15 ng/ml



#22 Mirex

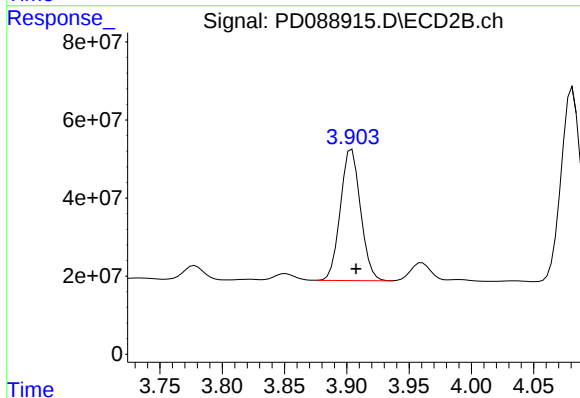
R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 2455189
Conc: 0.16 ng/ml



#23 Chlordane-1

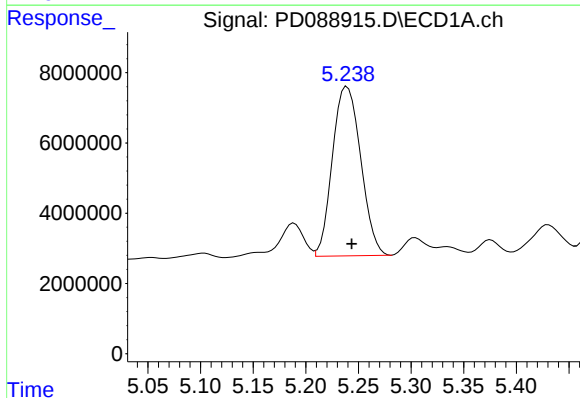
R.T.: 4.713 min
Delta R.T.: -0.004 min
Response: 79302970
Conc: 440.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



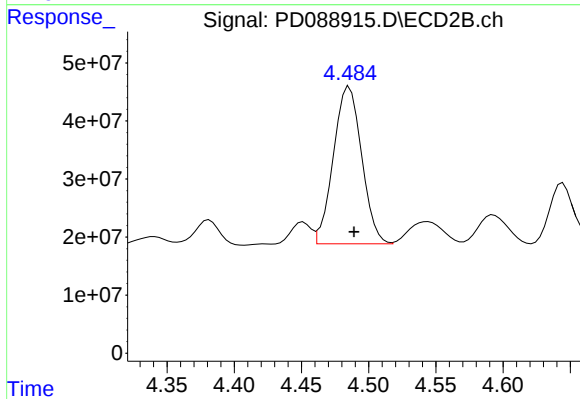
#23 Chlordane-1

R.T.: 3.904 min
Delta R.T.: -0.003 min
Response: 380113736
Conc: 460.00 ng/ml



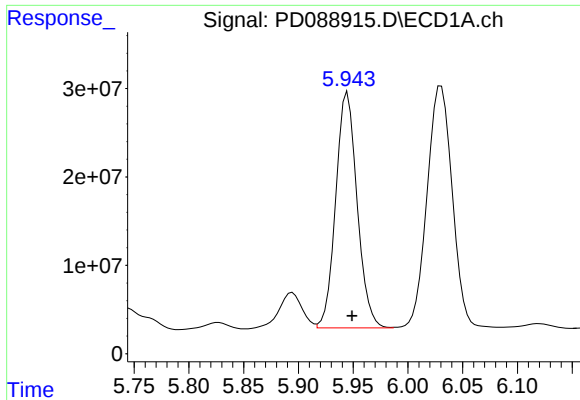
#24 Chlordane-2

R.T.: 5.239 min
Delta R.T.: -0.004 min
Response: 90359062
Conc: 492.41 ng/ml



#24 Chlordane-2

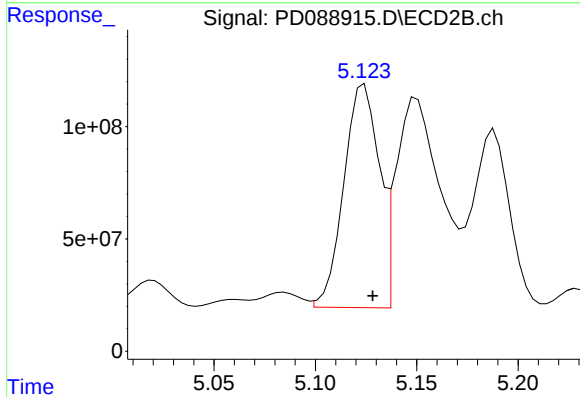
R.T.: 4.486 min
Delta R.T.: -0.004 min
Response: 394844101
Conc: 467.82 ng/ml



#25 Chlordane-3

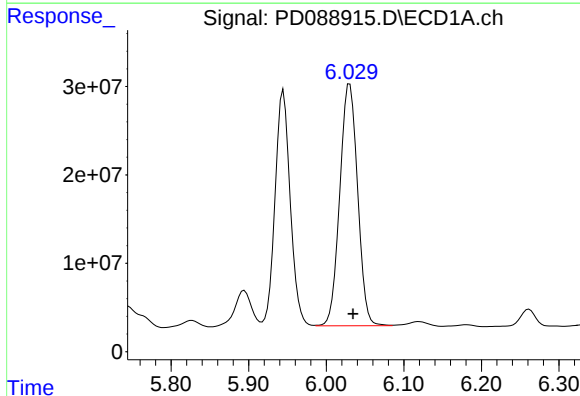
R.T.: 5.945 min
Delta R.T.: -0.004 min
Response: 361865515
Conc: 489.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



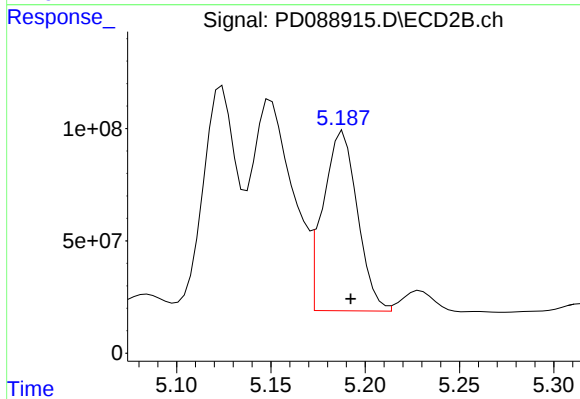
#25 Chlordane-3

R.T.: 5.124 min
Delta R.T.: -0.004 min
Response: 1201846087
Conc: 455.79 ng/ml



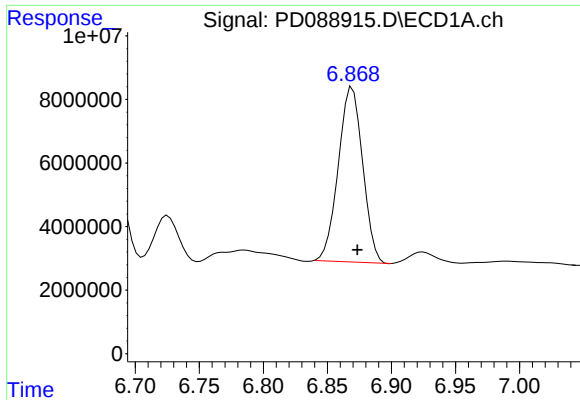
#26 Chlordane-4

R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 437322177
Conc: 487.98 ng/ml



#26 Chlordane-4

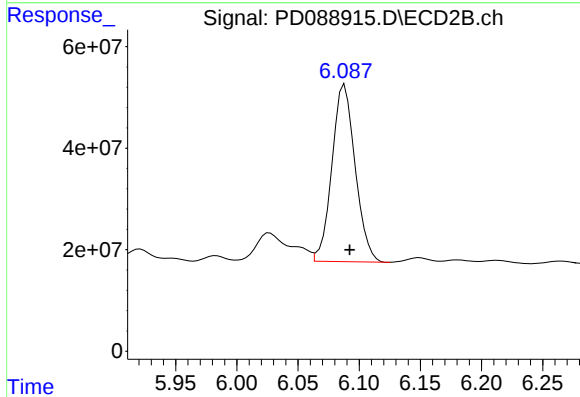
R.T.: 5.188 min
Delta R.T.: -0.004 min
Response: 1013978756
Conc: 458.30 ng/ml



#27 Chlordane-5

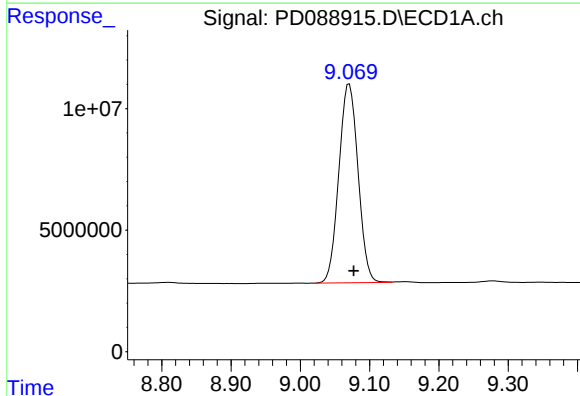
R.T.: 6.869 min
Delta R.T.: -0.004 min
Response: 72739691
Conc: 478.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



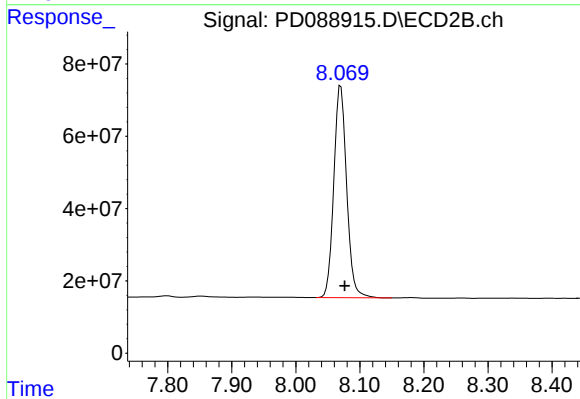
#27 Chlordane-5

R.T.: 6.088 min
Delta R.T.: -0.004 min
Response: 461393549
Conc: 461.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: -0.007 min
Response: 157073653
Conc: 45.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: -0.006 min
Response: 818026431
Conc: 44.81 ng/ml