

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102425\
 Data File : PD090809.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2025 10:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 23:34:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.873	66932917	639.1E6	21.493	21.463
28)	SA Decachlor...	9.064	8.059	104.5E6	751.5E6	22.332	24.808
Target Compounds							
2)	A alpha-BHC	3.993	3.385	64700224	535.7E6	9.015	10.484
3)	MA gamma-BHC...	4.324	3.721	63699560	503.0E6	9.369	10.646
4)	MA Heptachlor	4.945f	4.073	537154	953264	0.096	0.021 #
5)	MB Aldrin	0.000	4.360	0	1507154	N.D.	0.033 #
6)	B beta-BHC	4.511	4.017	27170709	209.1E6	10.372	10.546
7)	B delta-BHC	4.770	4.272f	2104166	3649444	0.311	0.076 #
8)	B Heptachlo...	5.673	0.000	3197703	0	0.552	N.D. #
9)	A Endosulfan I	6.096f	0.000	281996	0	0.051	N.D. #
10)	B gamma-Chl...	5.942	5.116	297111	64145480	0.050	1.427 #
11)	B alpha-Chl...	5.996f	5.186	16293898	81695456	2.636	1.894 #
12)	B 4,4'-DDE	6.188	5.366	399284	93005693	0.075	2.122 #
13)	MA Dieldrin	6.359f	5.504	4426210	3826885	0.759	0.087 #
14)	MA Endrin	6.567	5.778	238.1E6	1993.8E6	48.074	49.238
15)	B Endosulfa...	6.765f	6.075	1737364	5089135	0.347	0.136 #
16)	A 4,4'-DDD	6.699	5.918	29389143	96765753	7.249	2.656 #
17)	MA 4,4'-DDT	7.014	6.172	395.3E6	3373.6E6	96.174	96.188
18)	B Endrin al...	6.909	6.246	5303414	33720803	1.448	1.218
19)	B Endosulfa...	7.112f	6.468	392010	1234286	0.085	0.034 #
20)	A Methoxychlor	7.487	6.742	479.9E6	3504.5E6	225.781	201.084
21)	B Endrin ke...	7.624	6.980	13090022	111.9E6	2.694	2.966
22)	Mirex	8.120	7.166	49962	11641231	0.016	0.453 #
23)	Chlordane-1	0.000	3.882	0	1987550	N.D.	1.595 #
24)	Chlordane-2	0.000	4.494	0	72657747	N.D.	55.697 #
25)	Chlordane-3	5.942	5.116	297111	64145480	0.390	16.483 #
26)	Chlordane-4	5.996f	5.186	16293898	81695456	16.817	24.451 #
27)	Chlordane-5	6.856	6.075	2197983	5089135	14.628	3.448 #

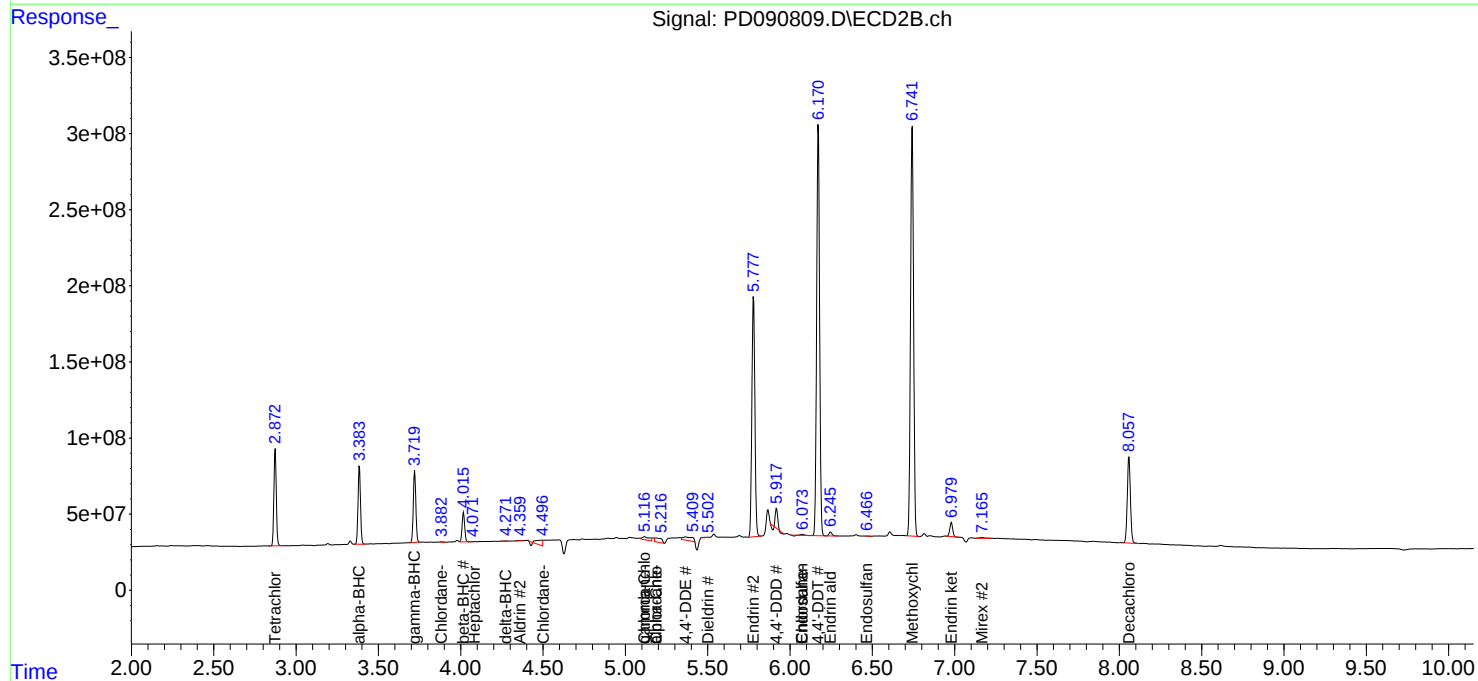
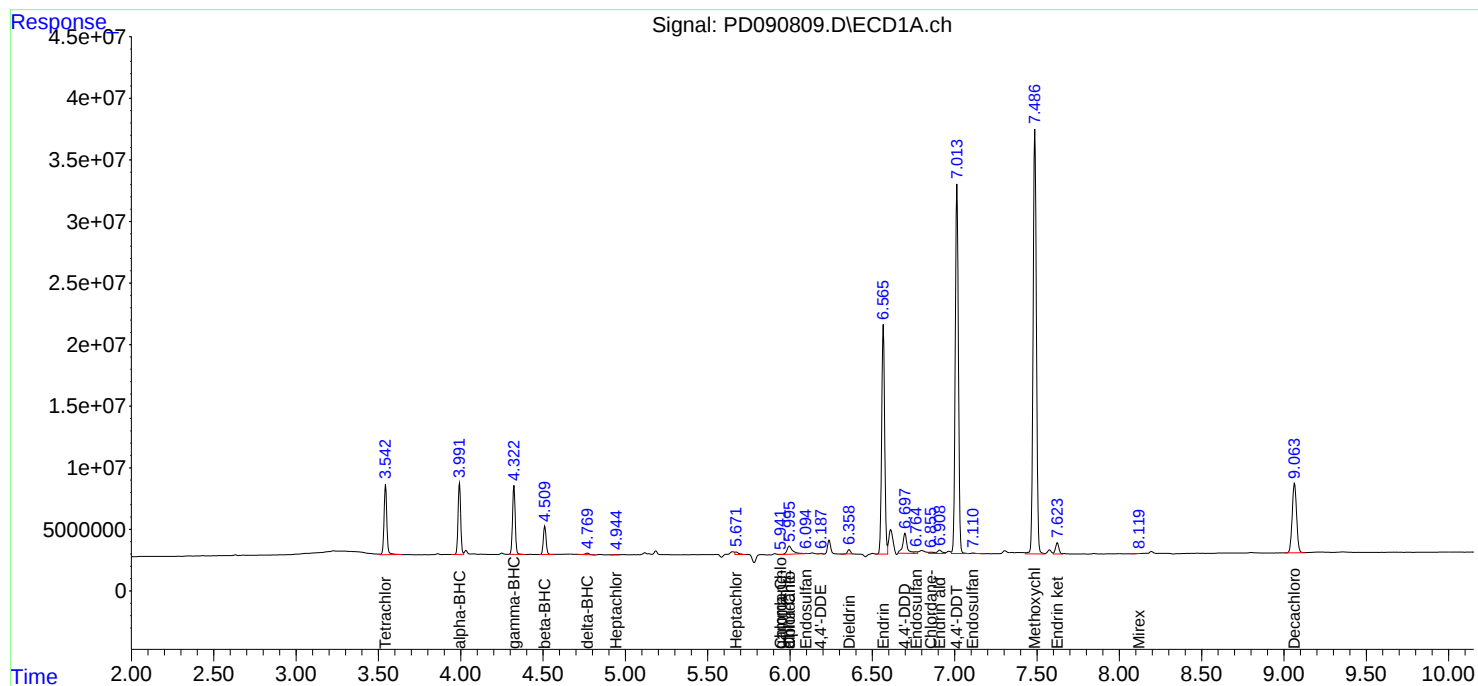
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

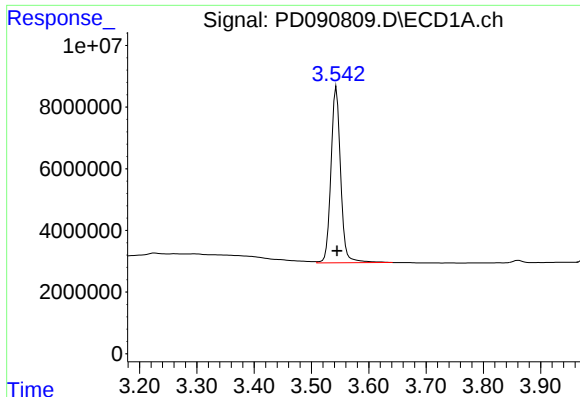
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102425\
Data File : PD090809.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 10:10
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 23:34:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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

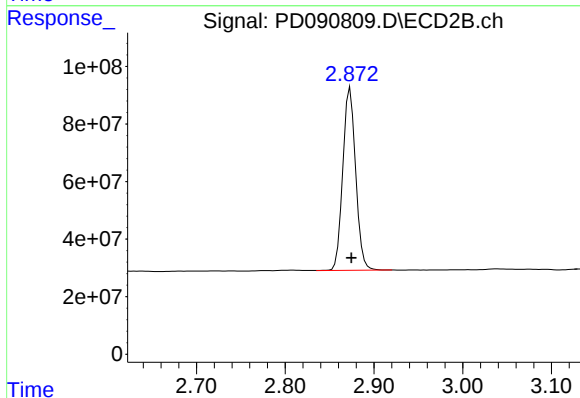




#1 Tetrachloro-m-xylene

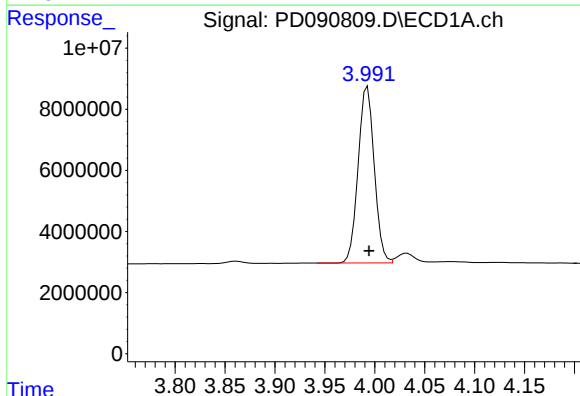
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 66932917
Conc: 21.49 ng/ml

Instrument :
ECD_D
ClientSampleId :



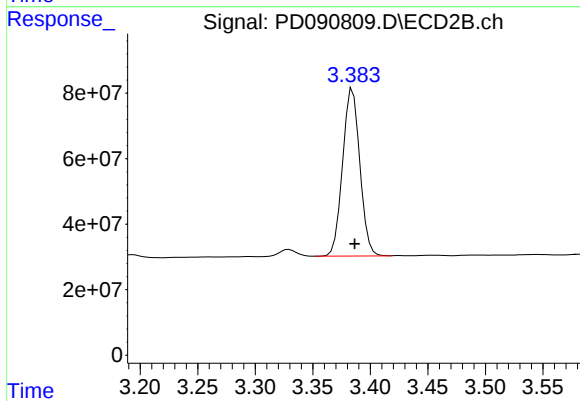
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 639095065
Conc: 21.46 ng/ml



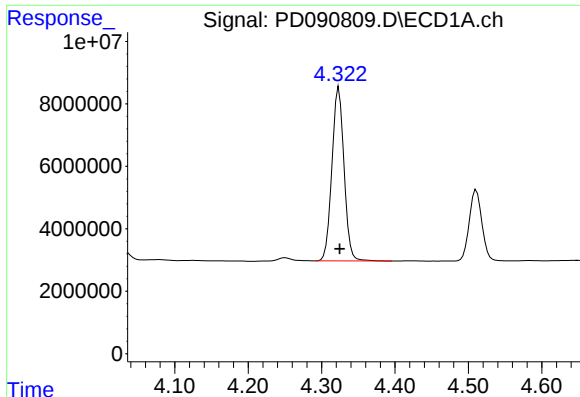
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 64700224
Conc: 9.01 ng/ml



#2 alpha-BHC

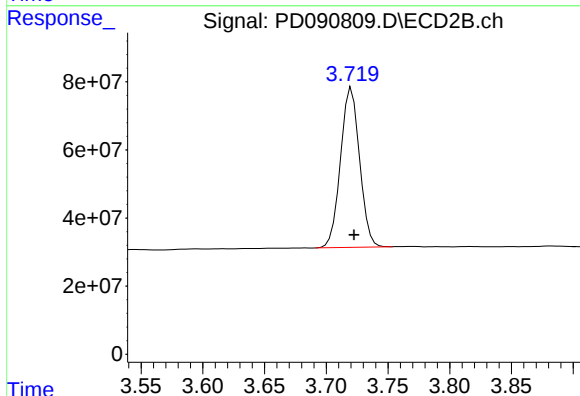
R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 535675263
Conc: 10.48 ng/ml



#3 gamma-BHC (Lindane)

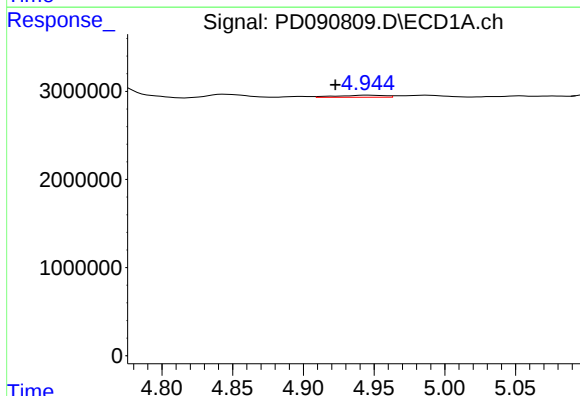
R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 63699560
Conc: 9.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



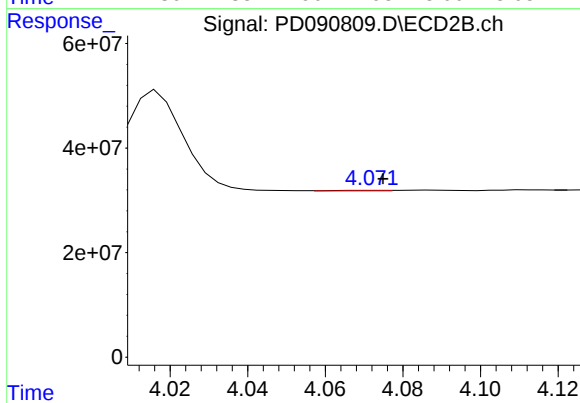
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 503028923
Conc: 10.65 ng/ml



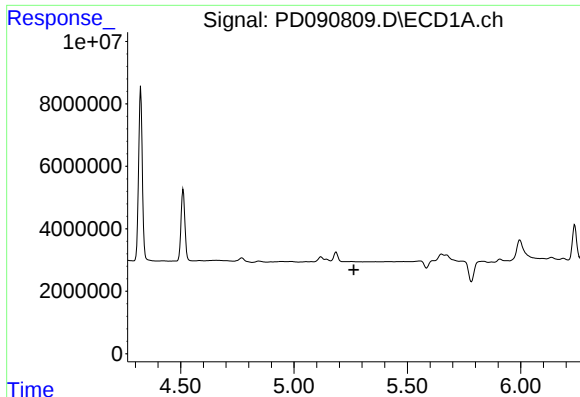
#4 Heptachlor

R.T.: 4.945 min
Delta R.T.: 0.023 min
Response: 537154
Conc: 0.10 ng/ml



#4 Heptachlor

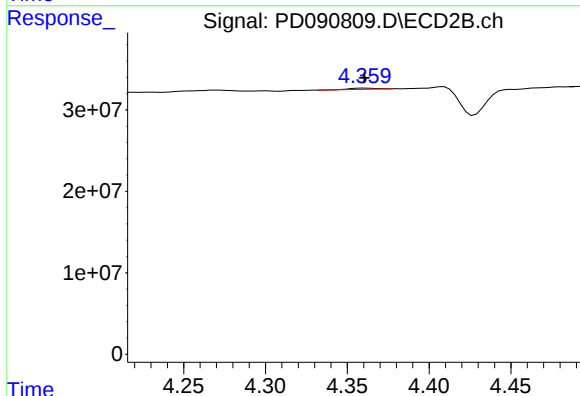
R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 953264
Conc: 0.02 ng/ml



#5 Aldrin

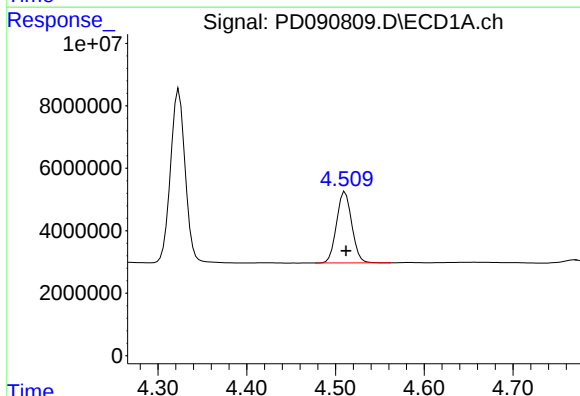
R.T.: 0.000 min
Exp R.T.: 5.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



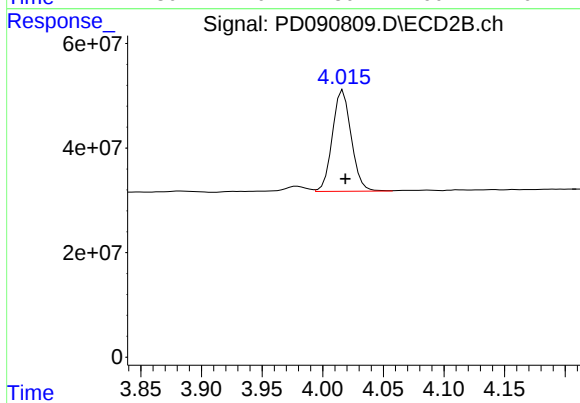
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 1507154
Conc: 0.03 ng/ml



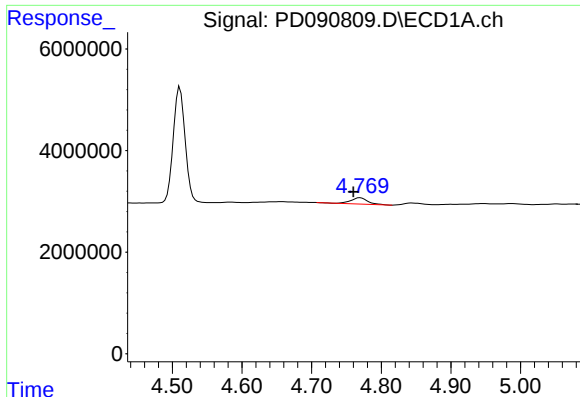
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: -0.001 min
Response: 27170709
Conc: 10.37 ng/ml



#6 beta-BHC

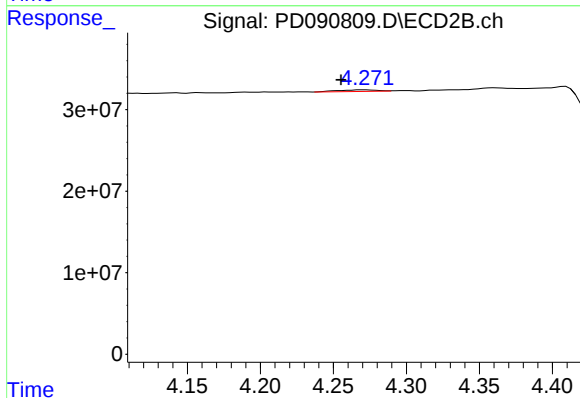
R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 209125983
Conc: 10.55 ng/ml



#7 delta-BHC

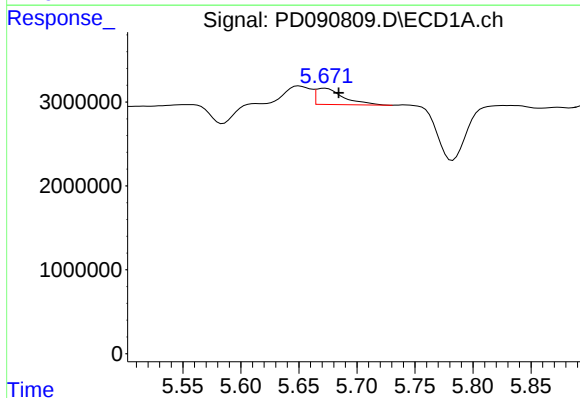
R.T.: 4.770 min
Delta R.T.: 0.010 min
Response: 2104166
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



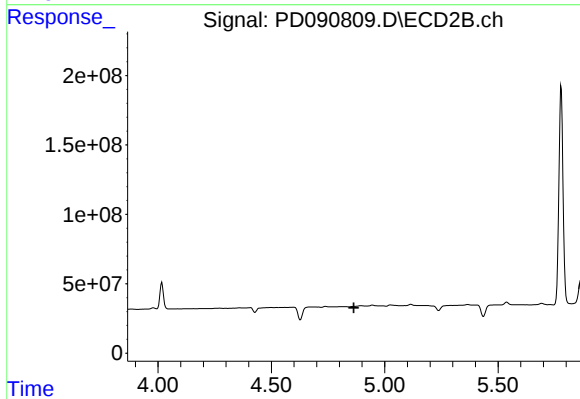
#7 delta-BHC

R.T.: 4.272 min
Delta R.T.: 0.017 min
Response: 3649444
Conc: 0.08 ng/ml



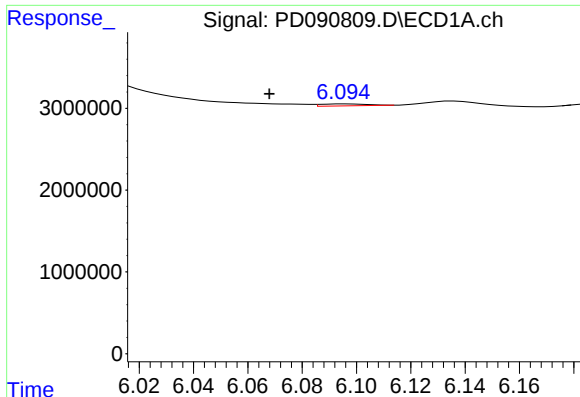
#8 Heptachlor epoxide

R.T.: 5.673 min
Delta R.T.: -0.012 min
Response: 3197703
Conc: 0.55 ng/ml



#8 Heptachlor epoxide

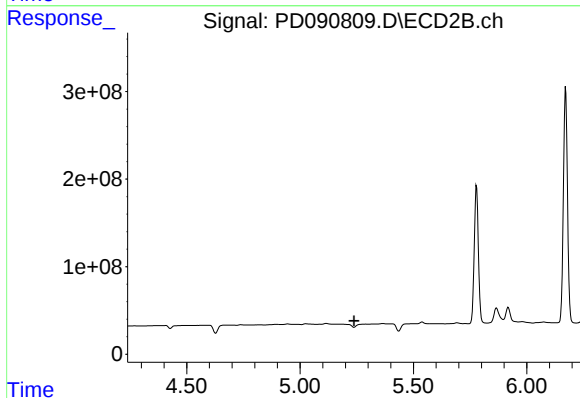
R.T.: 0.000 min
Exp R.T. : 4.864 min
Response: 0
Conc: N.D.



#9 Endosulfan I

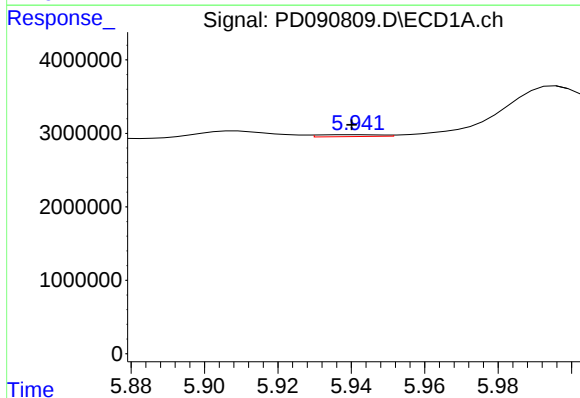
R.T.: 6.096 min
Delta R.T.: 0.028 min
Response: 281996
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



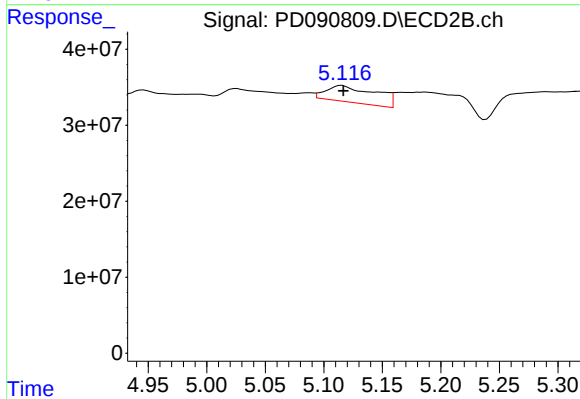
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.238 min
Response: 0
Conc: N.D.



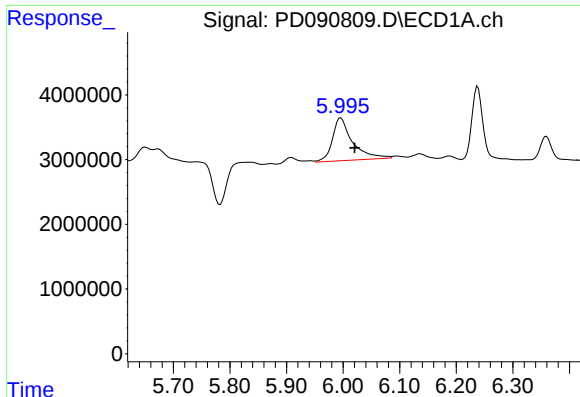
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.002 min
Response: 297111
Conc: 0.05 ng/ml



#10 gamma-Chlordane

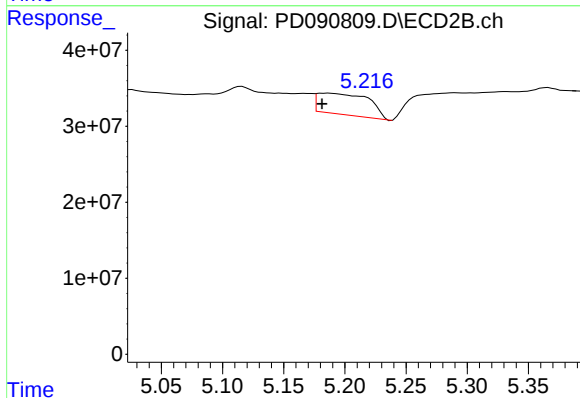
R.T.: 5.116 min
Delta R.T.: -0.001 min
Response: 64145480
Conc: 1.43 ng/ml



#11 alpha-Chlordane

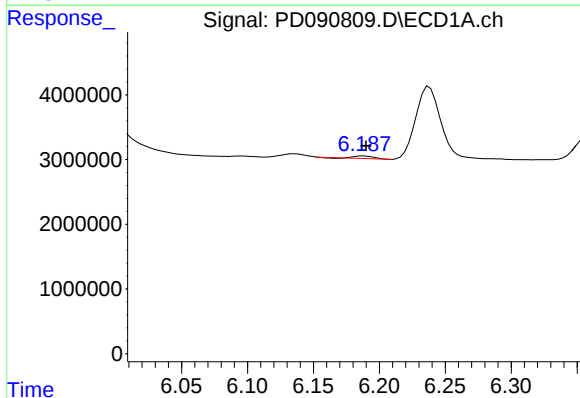
R.T.: 5.996 min
Delta R.T.: -0.025 min
Response: 16293898
Conc: 2.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



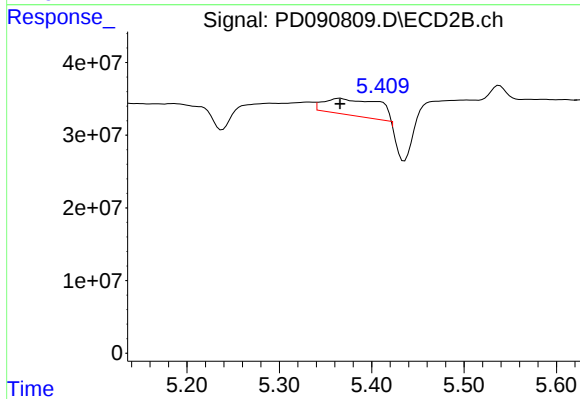
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.005 min
Response: 81695456
Conc: 1.89 ng/ml



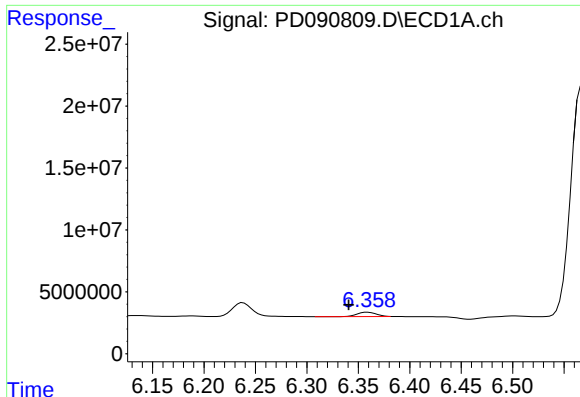
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 399284
Conc: 0.07 ng/ml



#12 4,4'-DDE

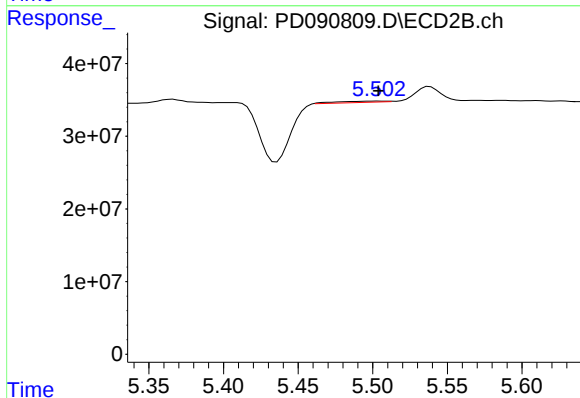
R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 93005693
Conc: 2.12 ng/ml



#13 Dieldrin

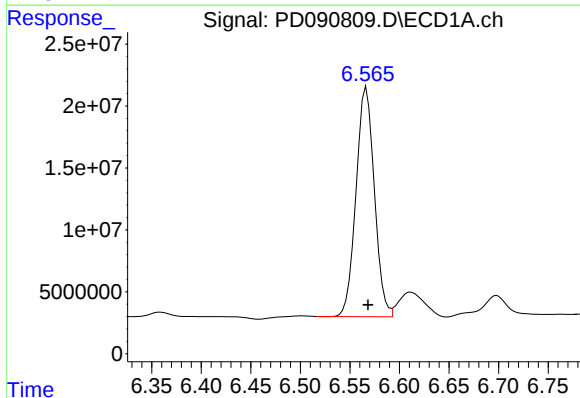
R.T.: 6.359 min
Delta R.T.: 0.019 min
Response: 4426210
Conc: 0.76 ng/ml

Instrument :
ECD_D
ClientSampleId :



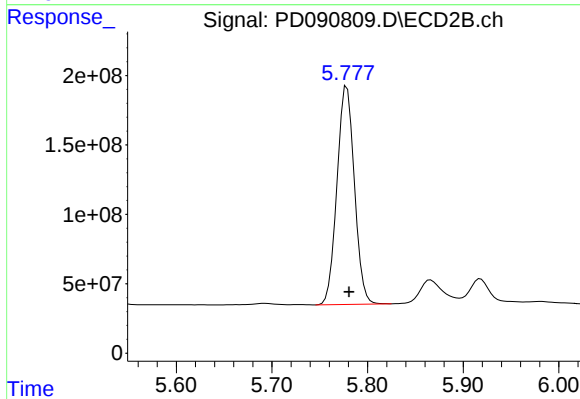
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 3826885
Conc: 0.09 ng/ml



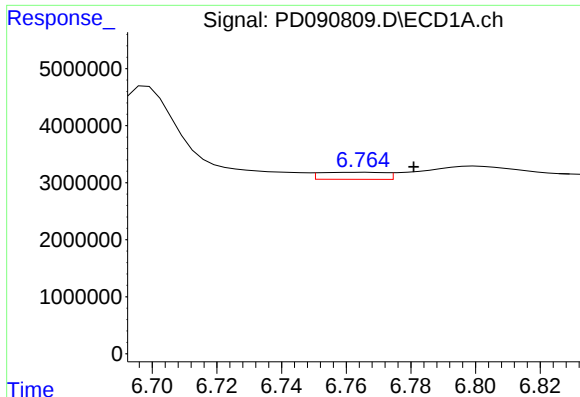
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 238145829
Conc: 48.07 ng/ml



#14 Endrin

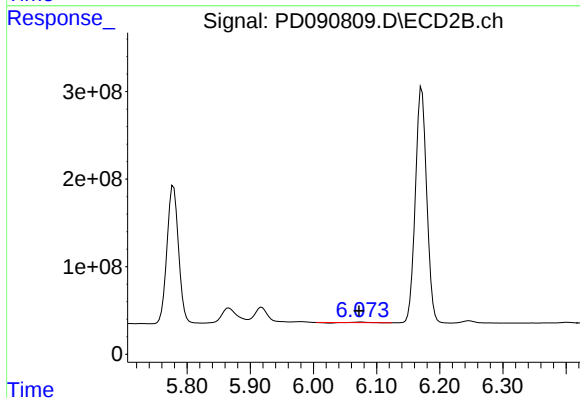
R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 1993830831
Conc: 49.24 ng/ml



#15 Endosulfan II

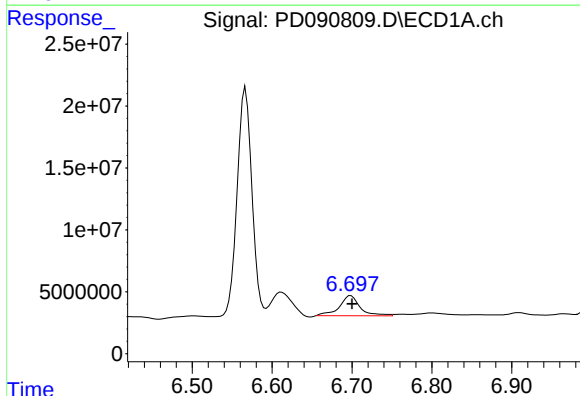
R.T.: 6.765 min
Delta R.T.: -0.016 min
Response: 1737364
Conc: 0.35 ng/ml

Instrument :
ECD_D
ClientSampleId :



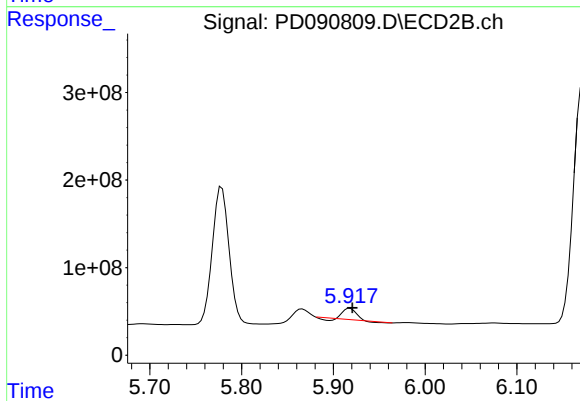
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.002 min
Response: 5089135
Conc: 0.14 ng/ml



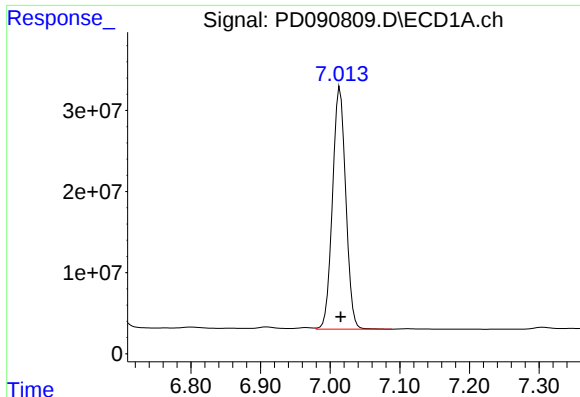
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: -0.002 min
Response: 29389143
Conc: 7.25 ng/ml



#16 4,4'-DDD

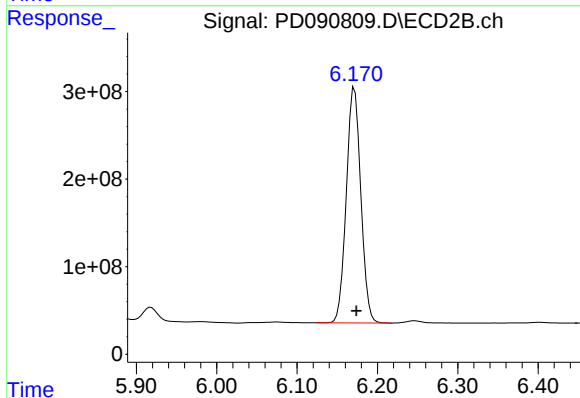
R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 96765753
Conc: 2.66 ng/ml



#17 4,4'-DDT

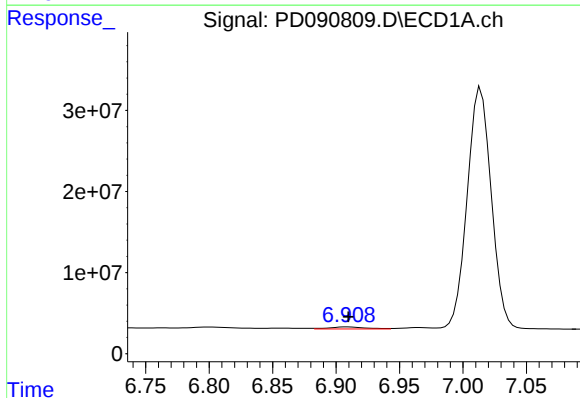
R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 395319384
Conc: 96.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



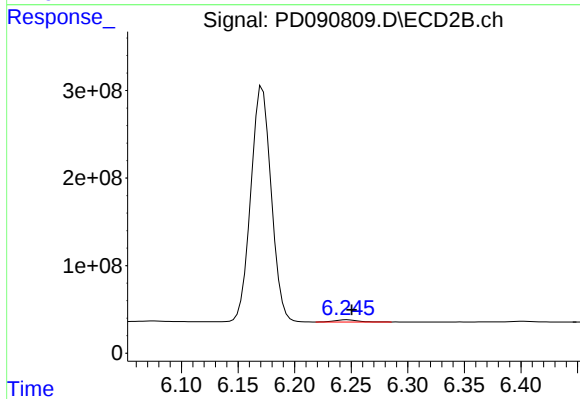
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 3373614500
Conc: 96.19 ng/ml



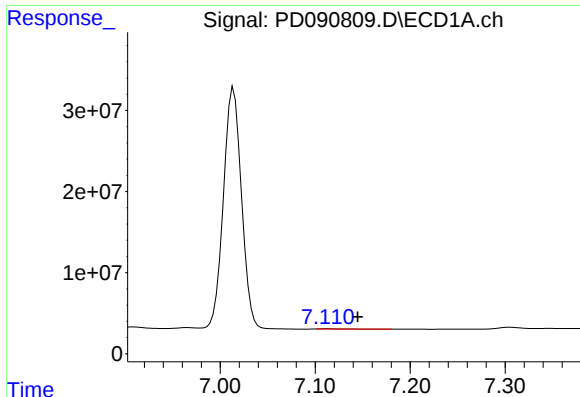
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 5303414
Conc: 1.45 ng/ml



#18 Endrin aldehyde

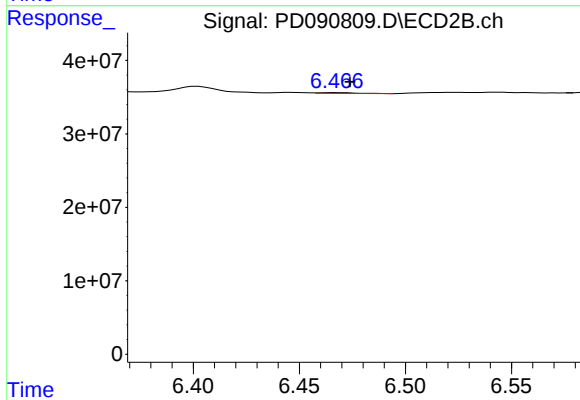
R.T.: 6.246 min
Delta R.T.: -0.004 min
Response: 33720803
Conc: 1.22 ng/ml



#19 Endosulfan Sulfate

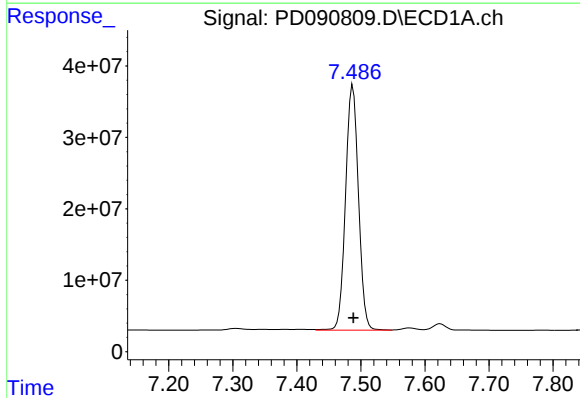
R.T.: 7.112 min
Delta R.T.: -0.033 min
Response: 392010
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



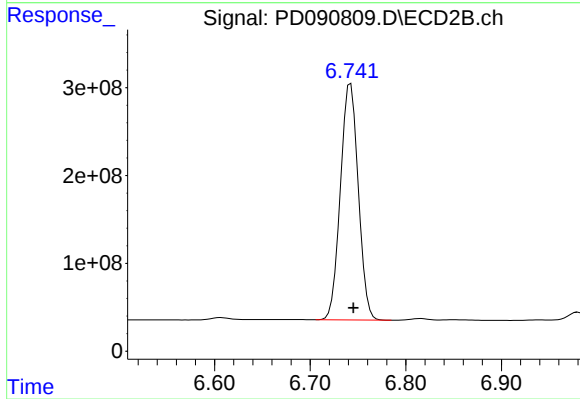
#19 Endosulfan Sulfate

R.T.: 6.468 min
Delta R.T.: -0.006 min
Response: 1234286
Conc: 0.03 ng/ml



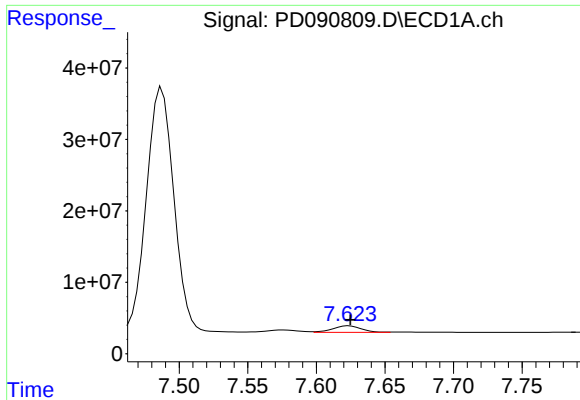
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 479916190
Conc: 225.78 ng/ml



#20 Methoxychlor

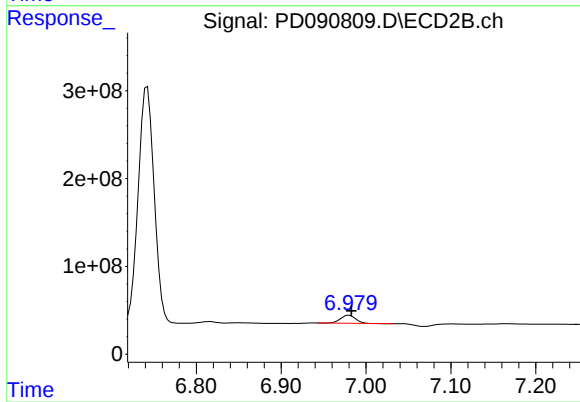
R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 3504460103
Conc: 201.08 ng/ml



#21 Endrin ketone

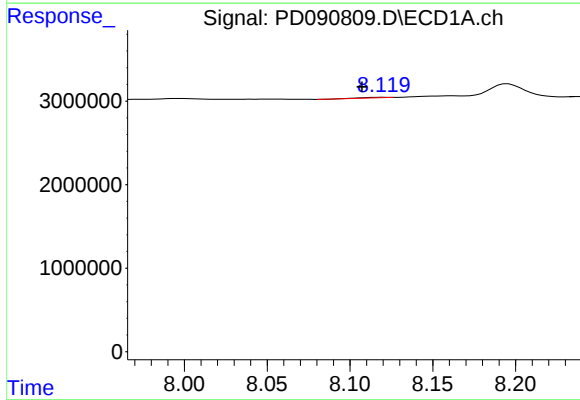
R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 13090022
Conc: 2.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



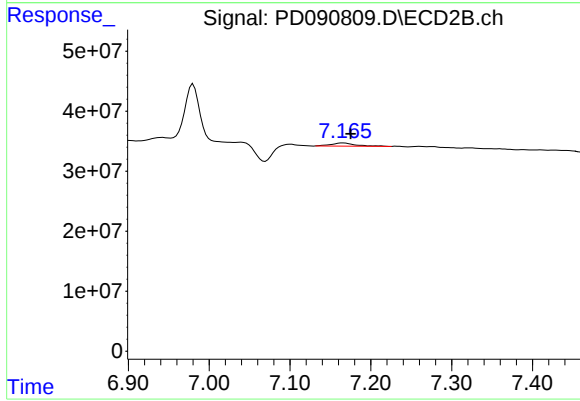
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.002 min
Response: 111884157
Conc: 2.97 ng/ml



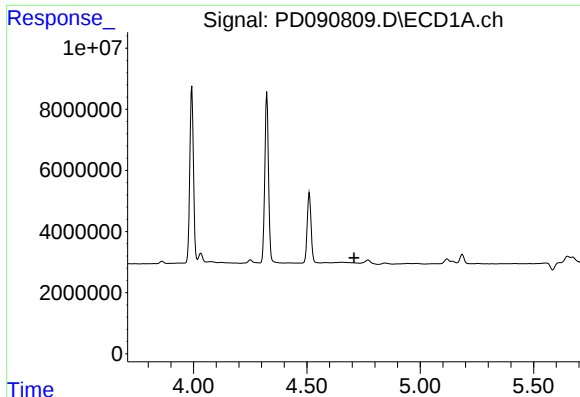
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.013 min
Response: 49962
Conc: 0.02 ng/ml



#22 Mirex

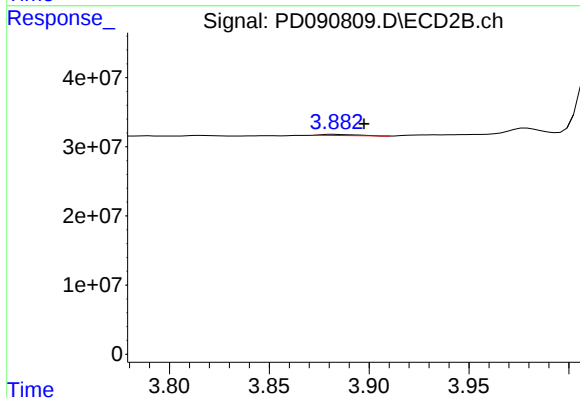
R.T.: 7.166 min
Delta R.T.: -0.009 min
Response: 11641231
Conc: 0.45 ng/ml



#23 Chlordane-1

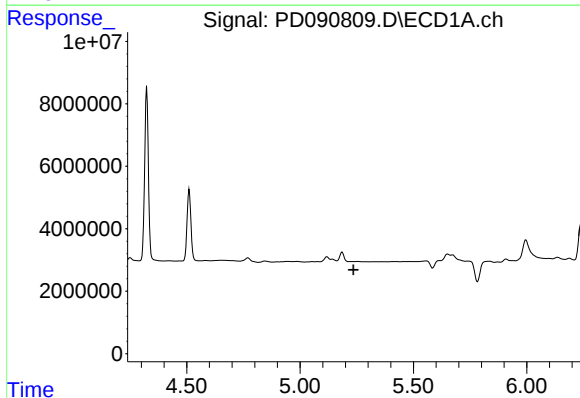
R.T.: 0.000 min
Exp R.T.: 4.709 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



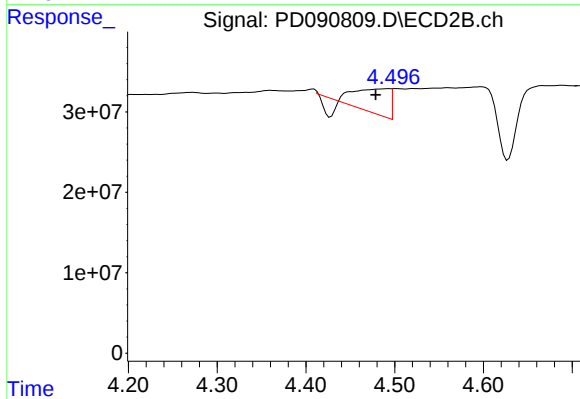
#23 Chlordane-1

R.T.: 3.882 min
Delta R.T.: -0.015 min
Response: 1987550
Conc: 1.59 ng/ml



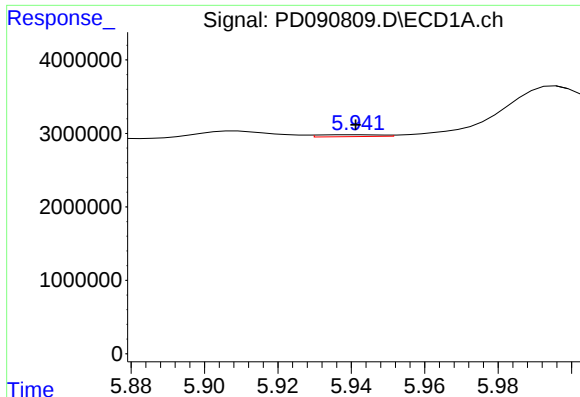
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.236 min
Response: 0
Conc: N.D.



#24 Chlordane-2

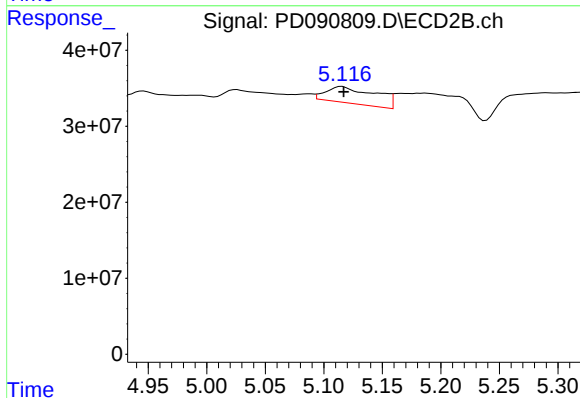
R.T.: 4.494 min
Delta R.T.: 0.015 min
Response: 72657747
Conc: 55.70 ng/ml



#25 Chlordane-3

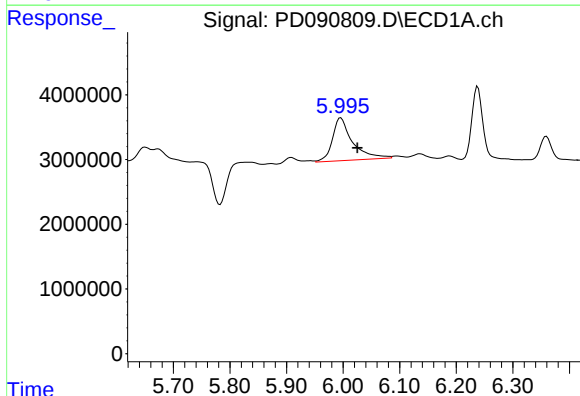
R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 297111
Conc: 0.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



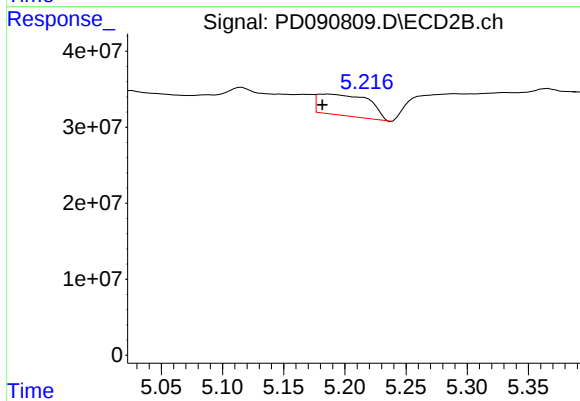
#25 Chlordane-3

R.T.: 5.116 min
Delta R.T.: -0.001 min
Response: 64145480
Conc: 16.48 ng/ml



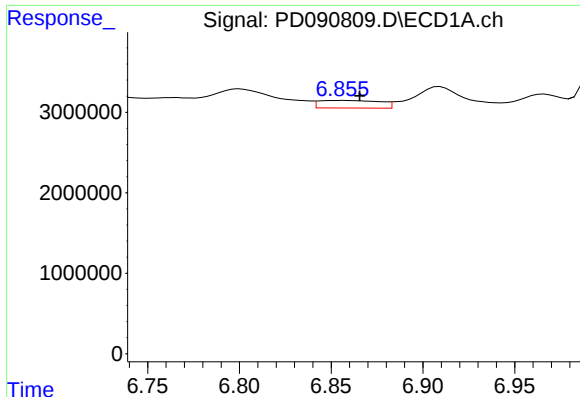
#26 Chlordane-4

R.T.: 5.996 min
Delta R.T.: -0.029 min
Response: 16293898
Conc: 16.82 ng/ml



#26 Chlordane-4

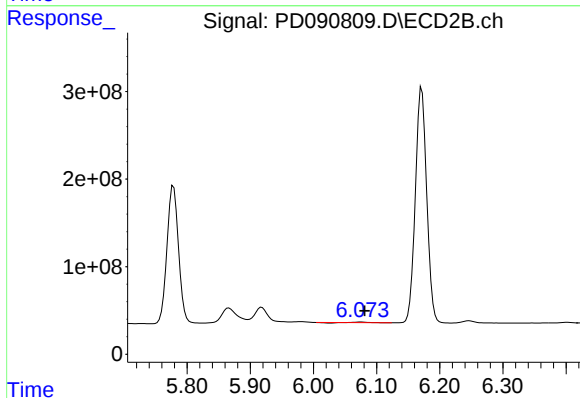
R.T.: 5.186 min
Delta R.T.: 0.005 min
Response: 81695456
Conc: 24.45 ng/ml



#27 Chlordane-5

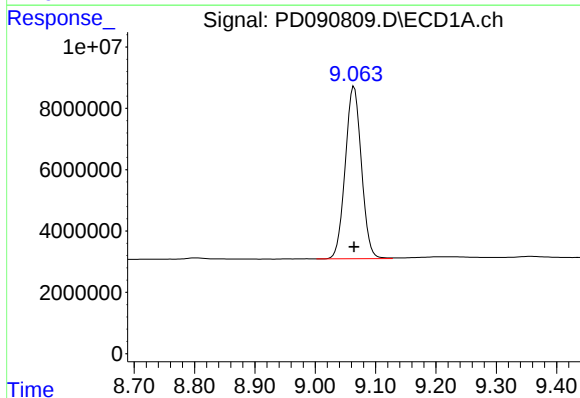
R.T.: 6.856 min
Delta R.T.: -0.010 min
Response: 2197983
Conc: 14.63 ng/ml

Instrument :
ECD_D
ClientSampleId :



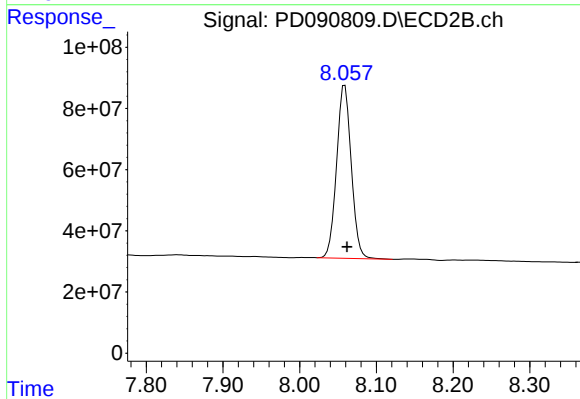
#27 Chlordane-5

R.T.: 6.075 min
Delta R.T.: -0.006 min
Response: 5089135
Conc: 3.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 104467736
Conc: 22.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 751458751
Conc: 24.81 ng/ml