

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070325\
 Data File : PD089311.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 18:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 01:41:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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...	3.551	2.881	57200030	368.0E6	20.048	21.704
28)	SA Decachlor...	9.073	8.071	76089229	387.9E6	19.373	19.619
Target Compounds							
2)	A alpha-BHC	4.000	3.393	54461253	301.3E6	9.343	11.245
3)	MA gamma-BHC...	4.331	3.730	54676531	265.9E6	9.796	10.738
4)	MA Heptachlor	4.929	4.082	1762139	4872489	0.323	0.195 #
5)	MB Aldrin	5.243f	4.364	872408	1394797	0.164	0.058 #
6)	B beta-BHC	4.516	4.026	22668715	113.5E6	10.271	10.561
7)	B delta-BHC	4.776	4.261	857885	2063435	0.167	0.083 #
8)	B Heptachlo...	5.680	4.873	2924142	120.4E6	0.606	5.499 #
9)	A Endosulfan I	6.105f	5.228f	875237	24330495	0.194	1.167 #
10)	B gamma-Chl...	5.946	5.125	2989347	105.8E6	0.624	4.424 #
11)	B alpha-Chl...	6.032	5.189	4322615	67315994	0.893	2.940 #
12)	B 4,4'-DDE	6.195	5.375	788937	17353674	0.181	0.757 #
13)	MA Dieldrin	6.367f	5.511	2143303	11179209	0.447	0.482
14)	MA Endrin	6.575	5.789	200.5E6	1068.2E6	48.611	49.194
15)	B Endosulfa...	6.773	6.087	1031548	19747699	0.256	0.978 #
16)	A 4,4'-DDD	6.705	5.929	22831886	112.0E6	6.653	5.857
17)	MA 4,4'-DDT	7.022	6.183	319.6E6	1681.1E6	84.365	82.899
18)	B Endrin al...	6.916	6.258	3467034	21946316	1.132	1.433 #
19)	B Endosulfa...	0.000	6.463f	0	6293355	N.D.	0.321 #
20)	A Methoxychlor	7.493	6.753	381.5E6	1805.7E6	188.784	167.690
21)	B Endrin ke...	7.630	6.990	7983765	68454442	1.960	3.169 #
22)	Mirex	0.000	7.176	0	20889013	N.D.	1.252 #
23)	Chlordane-1	4.715	3.903	364728	2891579	1.704	3.102 #
24)	Chlordane-2	5.243	4.491	872408	84602242	3.996	88.904 #
25)	Chlordane-3	5.946	5.125	2989347	105.8E6	3.466	35.630 #
26)	Chlordane-4	6.032	5.189	4322615	67315994	4.114	26.854 #
27)	Chlordane-5	6.872	6.087	1131690	19747699	6.192	17.450 #

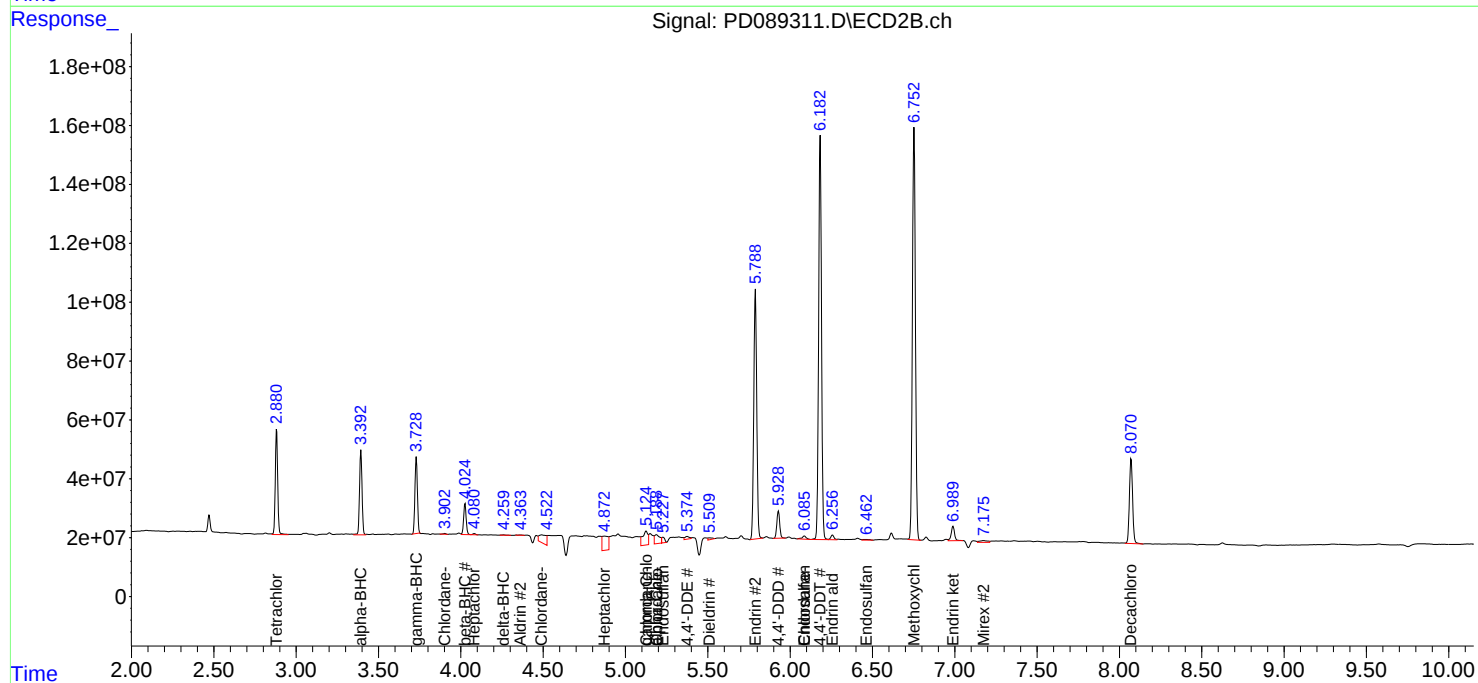
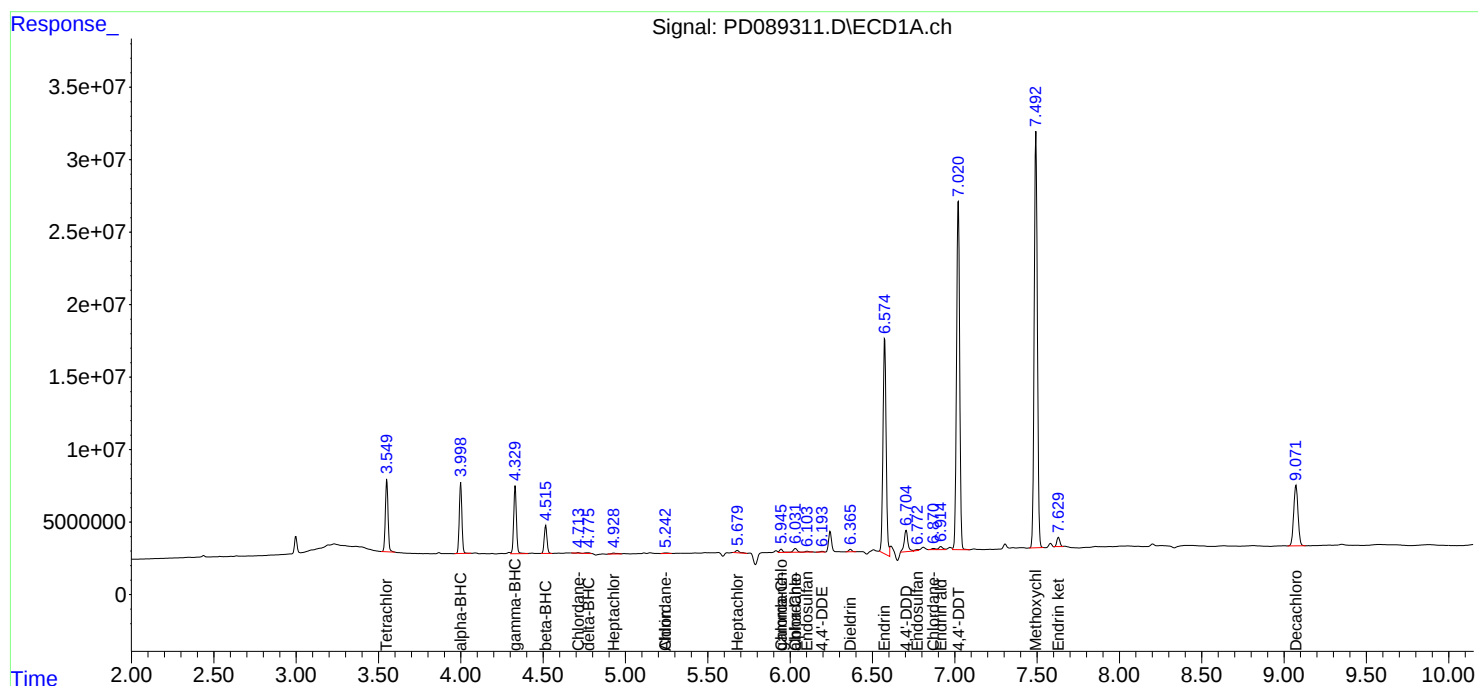
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

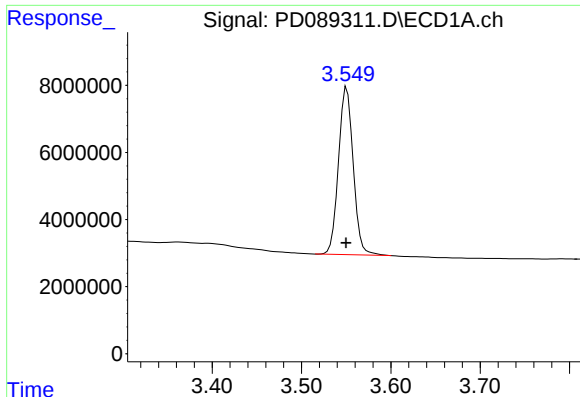
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070325\
Data File : PD089311.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 18:41
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 01:41:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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

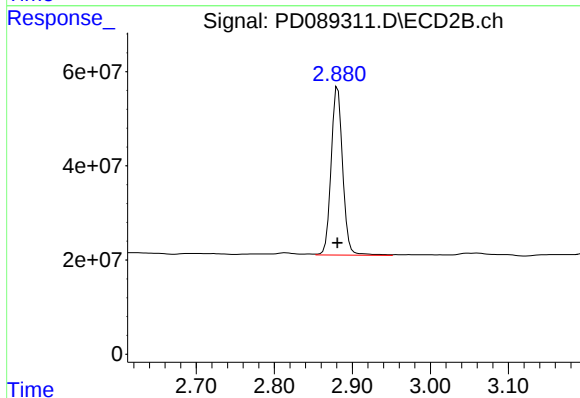




#1 Tetrachloro-m-xylene

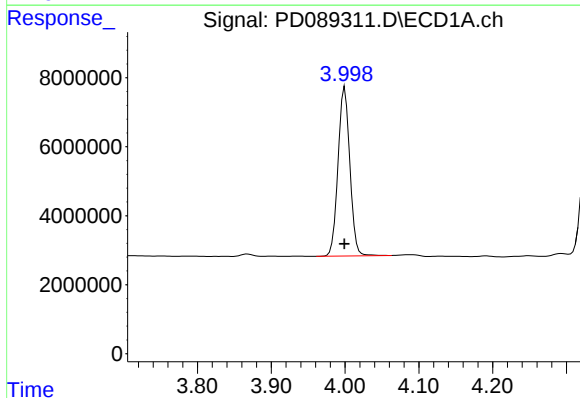
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 57200030
Conc: 20.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



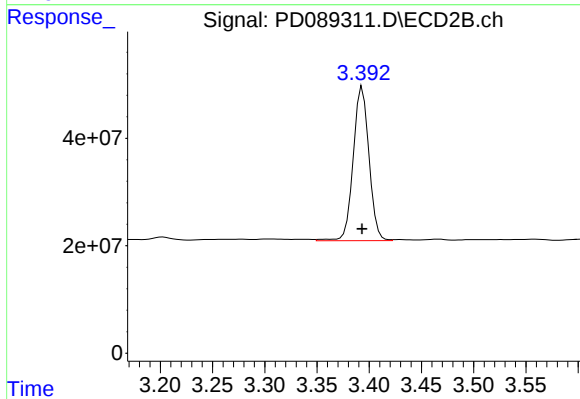
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 367954731
Conc: 21.70 ng/ml



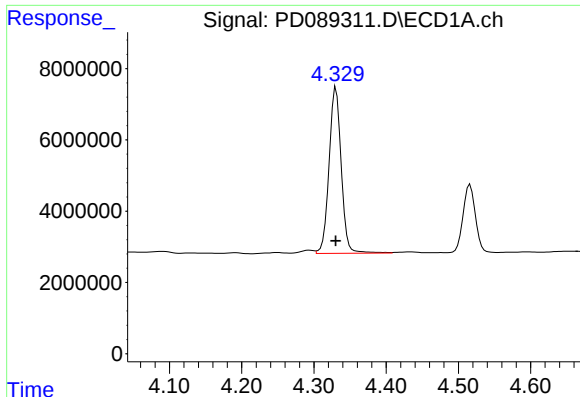
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 54461253
Conc: 9.34 ng/ml



#2 alpha-BHC

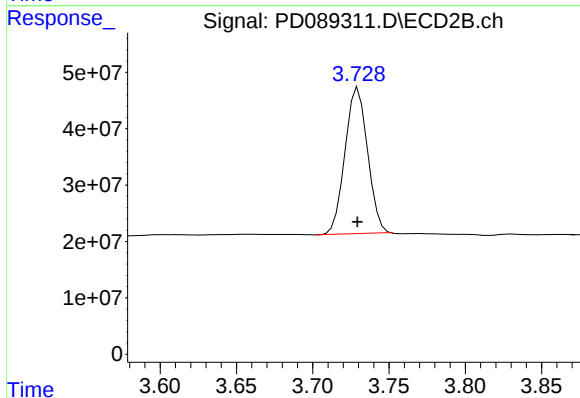
R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 301338335
Conc: 11.25 ng/ml



#3 gamma-BHC (Lindane)

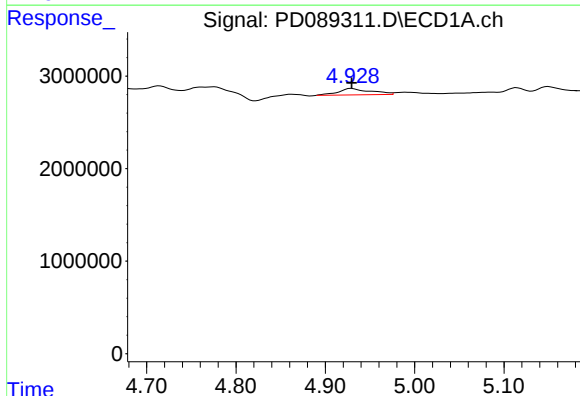
R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 54676531
Conc: 9.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



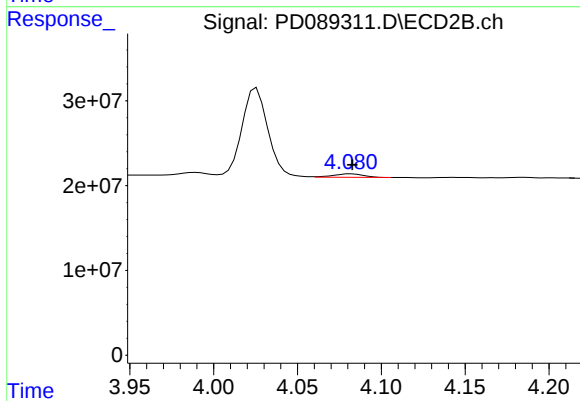
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: 0.000 min
Response: 265850820
Conc: 10.74 ng/ml



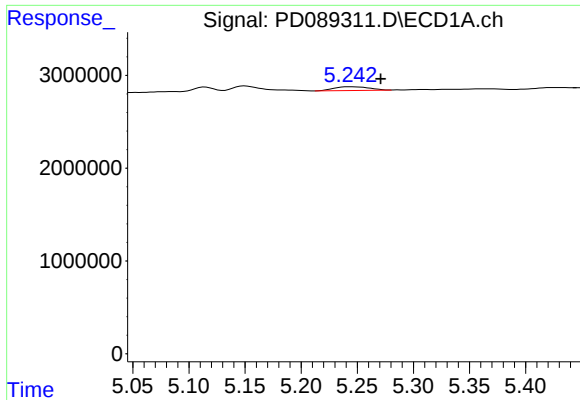
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 1762139
Conc: 0.32 ng/ml



#4 Heptachlor

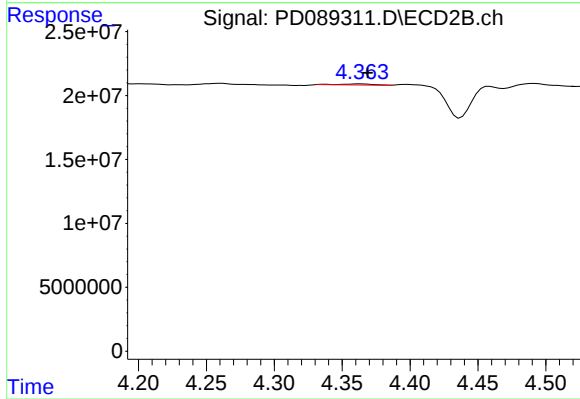
R.T.: 4.082 min
Delta R.T.: -0.001 min
Response: 4872489
Conc: 0.19 ng/ml



#5 Aldrin

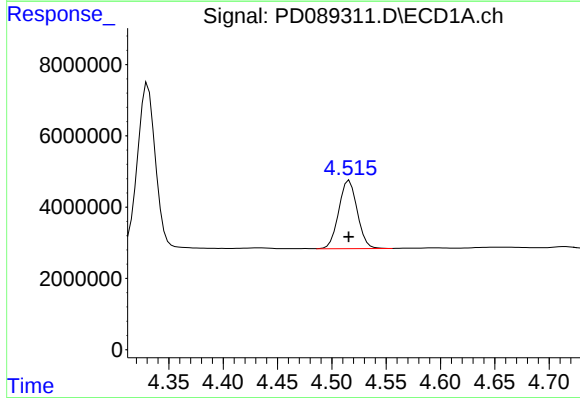
R.T.: 5.243 min
Delta R.T.: -0.028 min
Response: 872408
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



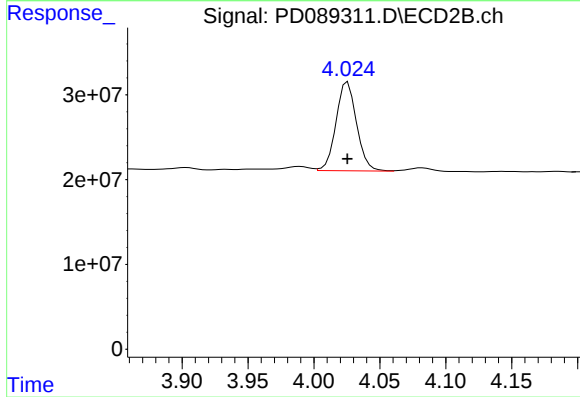
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: -0.005 min
Response: 1394797
Conc: 0.06 ng/ml



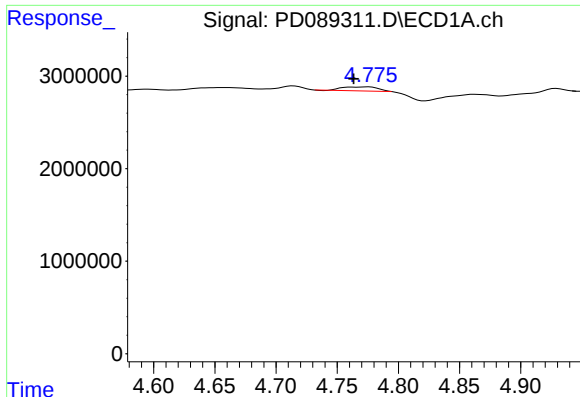
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 22668715
Conc: 10.27 ng/ml



#6 beta-BHC

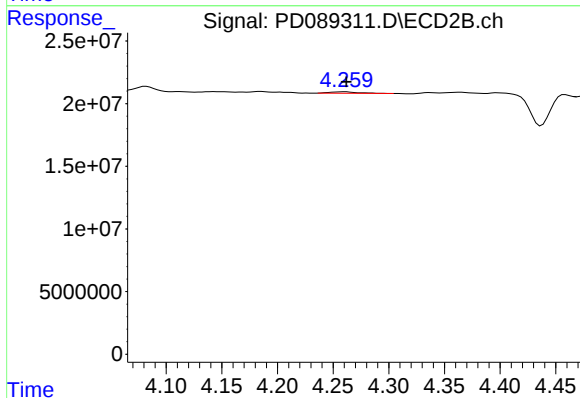
R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 113491983
Conc: 10.56 ng/ml



#7 delta-BHC

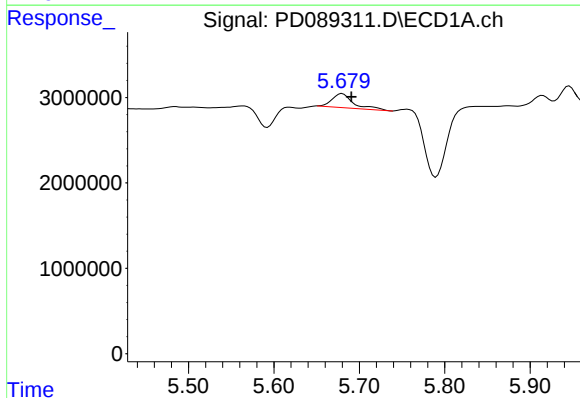
R.T.: 4.776 min
Delta R.T.: 0.012 min
Response: 857885
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



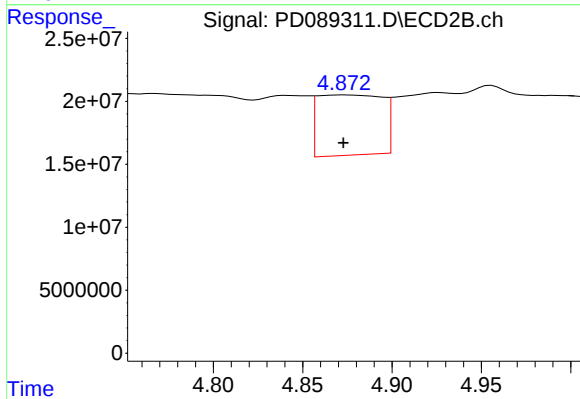
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: -0.001 min
Response: 2063435
Conc: 0.08 ng/ml



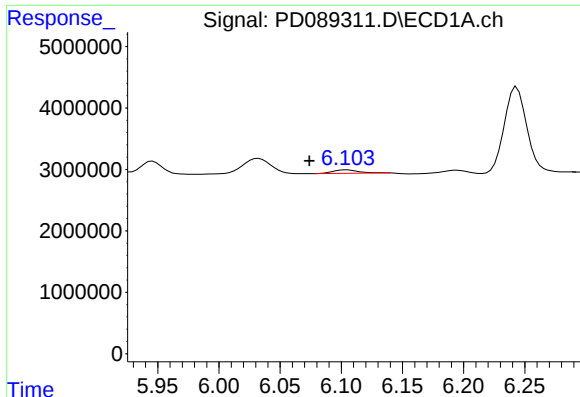
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.011 min
Response: 2924142
Conc: 0.61 ng/ml



#8 Heptachlor epoxide

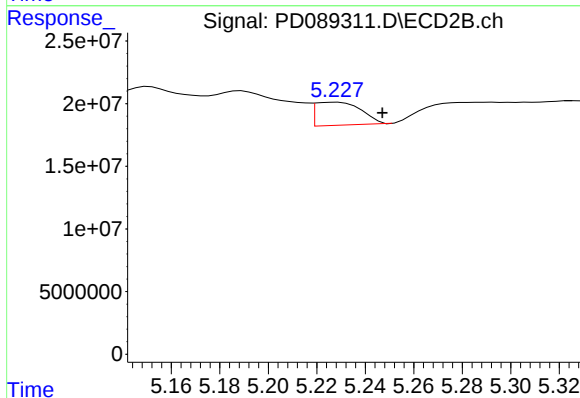
R.T.: 4.873 min
Delta R.T.: 0.000 min
Response: 120419972
Conc: 5.50 ng/ml



#9 Endosulfan I

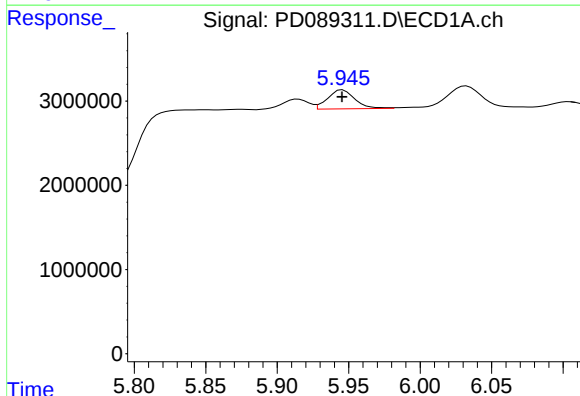
R.T.: 6.105 min
Delta R.T.: 0.030 min
Response: 875237
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



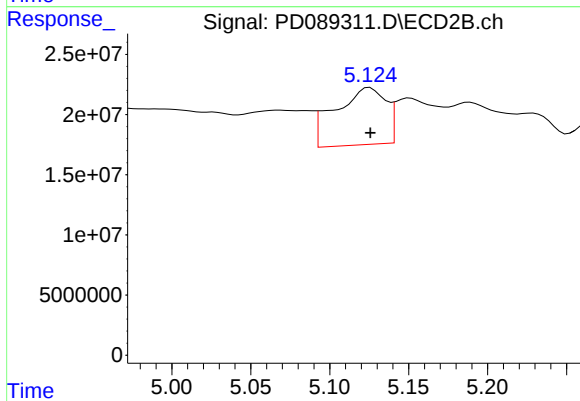
#9 Endosulfan I

R.T.: 5.228 min
Delta R.T.: -0.019 min
Response: 24330495
Conc: 1.17 ng/ml



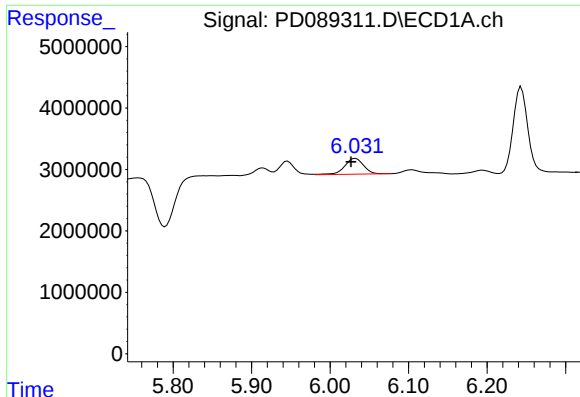
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 2989347
Conc: 0.62 ng/ml



#10 gamma-Chlordane

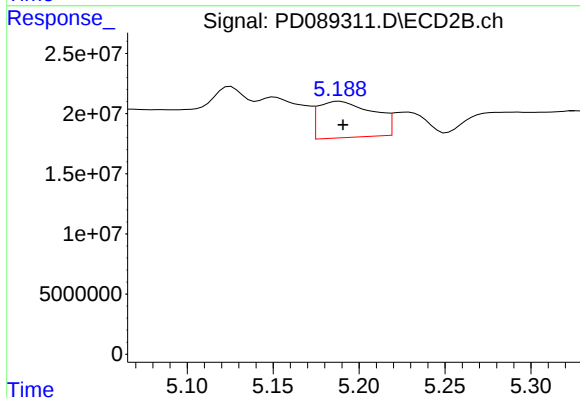
R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 105828676
Conc: 4.42 ng/ml



#11 alpha-Chlordane

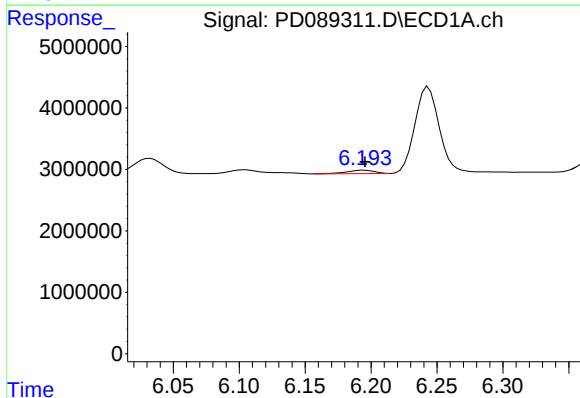
R.T.: 6.032 min
Delta R.T.: 0.006 min
Response: 4322615
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



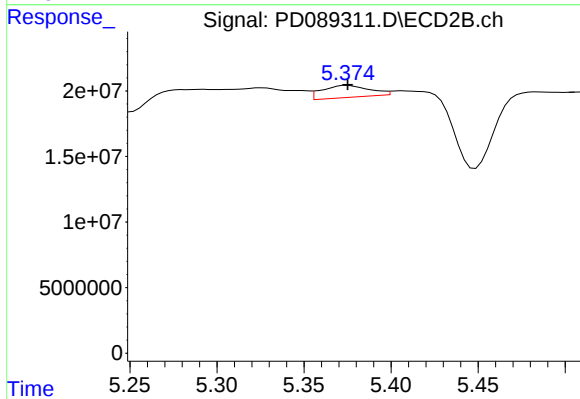
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.002 min
Response: 67315994
Conc: 2.94 ng/ml



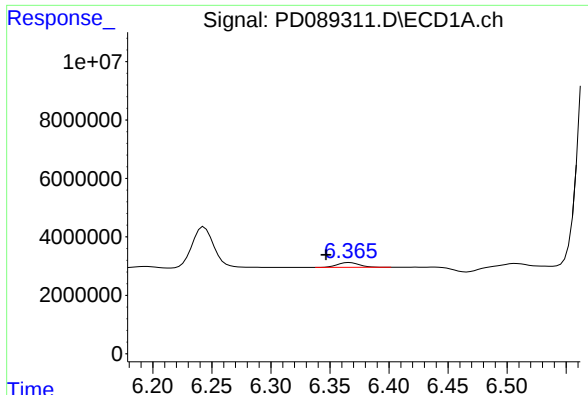
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 788937
Conc: 0.18 ng/ml



#12 4,4'-DDE

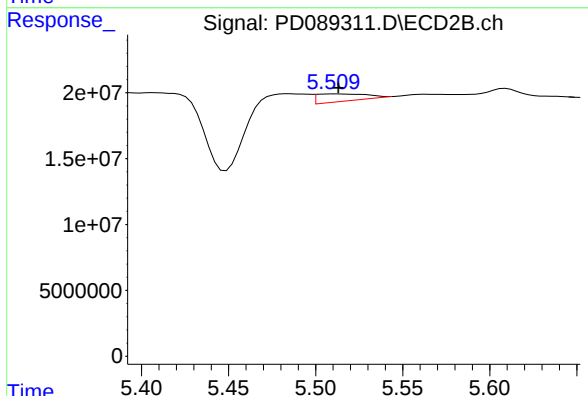
R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 17353674
Conc: 0.76 ng/ml



#13 Dieldrin

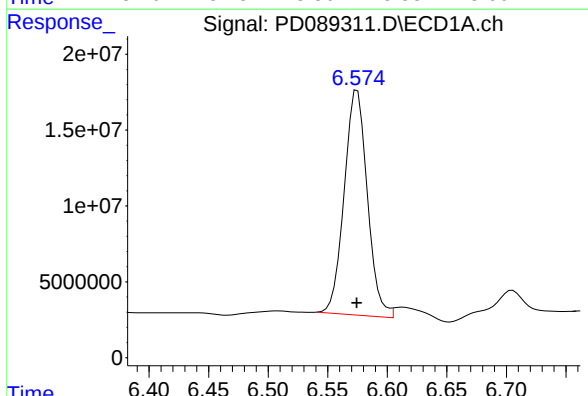
R.T.: 6.367 min
Delta R.T.: 0.020 min
Response: 2143303
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



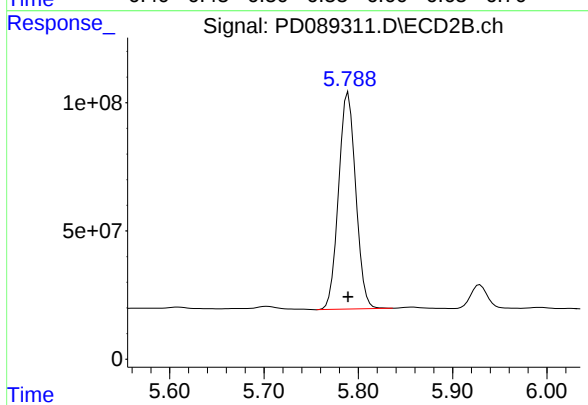
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.002 min
Response: 11179209
Conc: 0.48 ng/ml



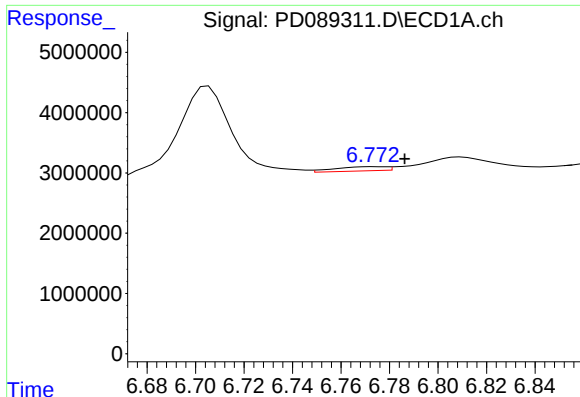
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 200549846
Conc: 48.61 ng/ml



#14 Endrin

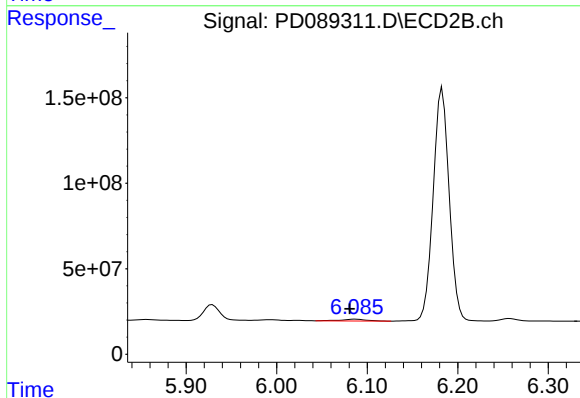
R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 1068198730
Conc: 49.19 ng/ml



#15 Endosulfan II

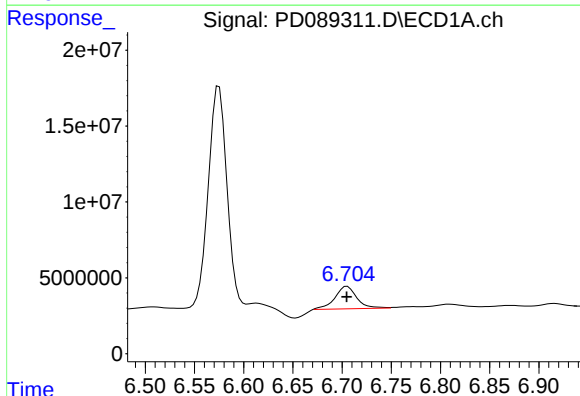
R.T.: 6.773 min
Delta R.T.: -0.013 min
Response: 1031548
Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



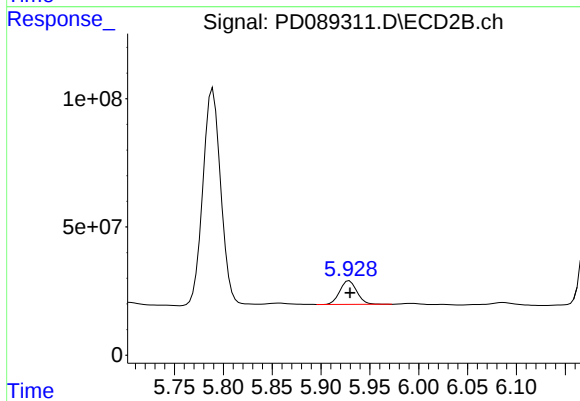
#15 Endosulfan II

R.T.: 6.087 min
Delta R.T.: 0.006 min
Response: 19747699
Conc: 0.98 ng/ml



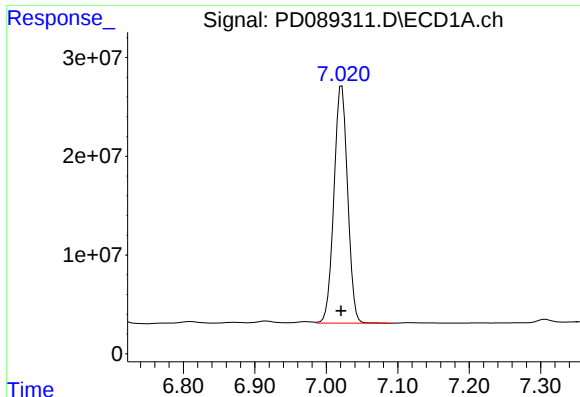
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 22831886
Conc: 6.65 ng/ml



#16 4,4'-DDD

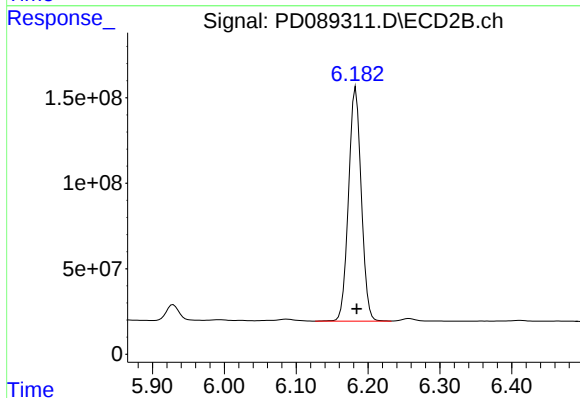
R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 112045550
Conc: 5.86 ng/ml



#17 4,4'-DDT

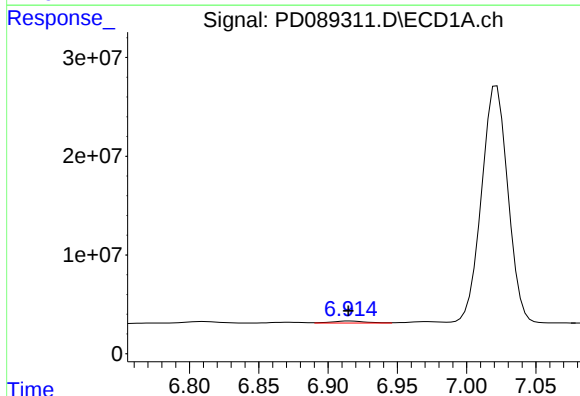
R.T.: 7.022 min
Delta R.T.: 0.001 min
Response: 319591385
Conc: 84.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



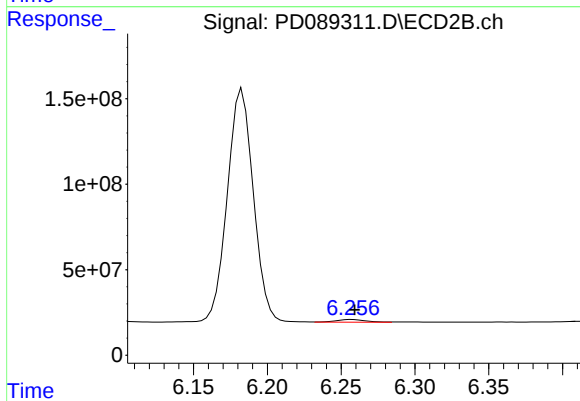
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.001 min
Response: 1681145101
Conc: 82.90 ng/ml



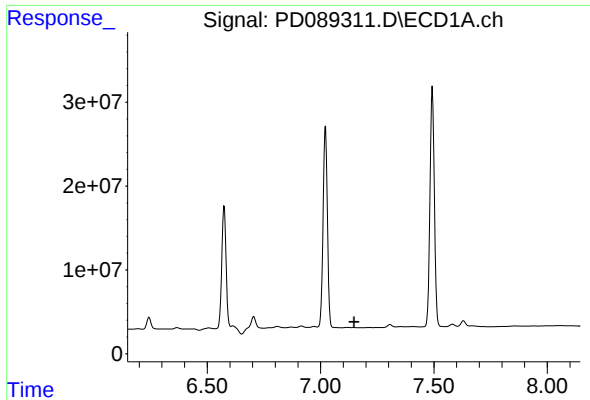
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.001 min
Response: 3467034
Conc: 1.13 ng/ml



#18 Endrin aldehyde

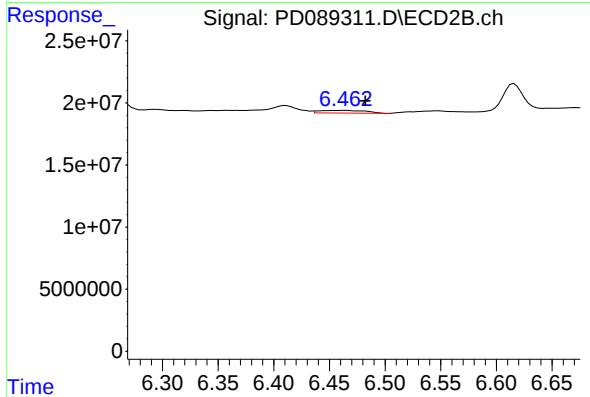
R.T.: 6.258 min
Delta R.T.: -0.002 min
Response: 21946316
Conc: 1.43 ng/ml



#19 Endosulfan Sulfate

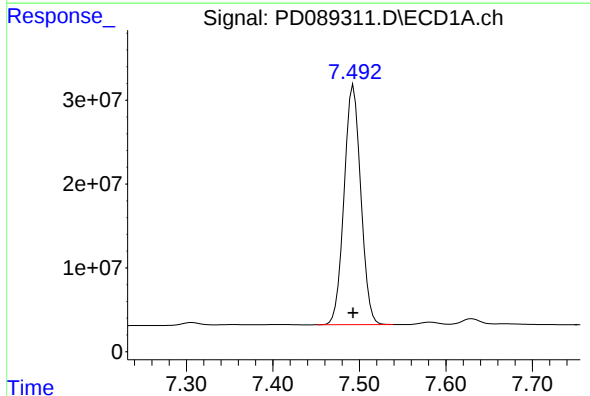
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



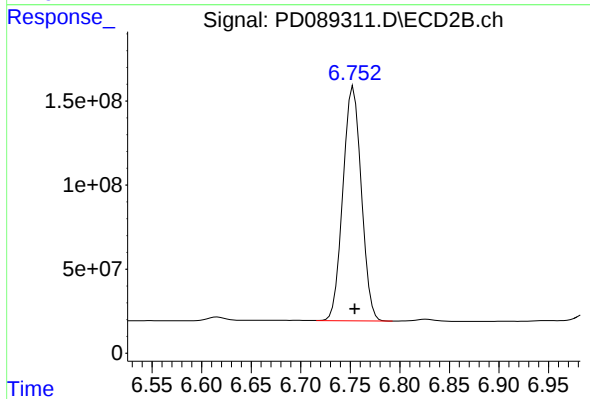
#19 Endosulfan Sulfate

R.T.: 6.463 min
Delta R.T.: -0.019 min
Response: 6293355
Conc: 0.32 ng/ml



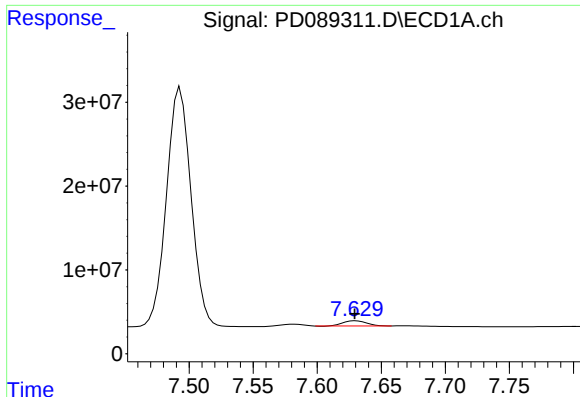
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 381461708
Conc: 188.78 ng/ml



#20 Methoxychlor

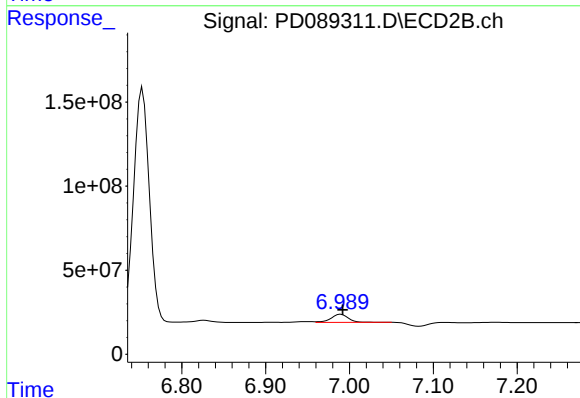
R.T.: 6.753 min
Delta R.T.: -0.001 min
Response: 1805701317
Conc: 167.69 ng/ml



#21 Endrin ketone

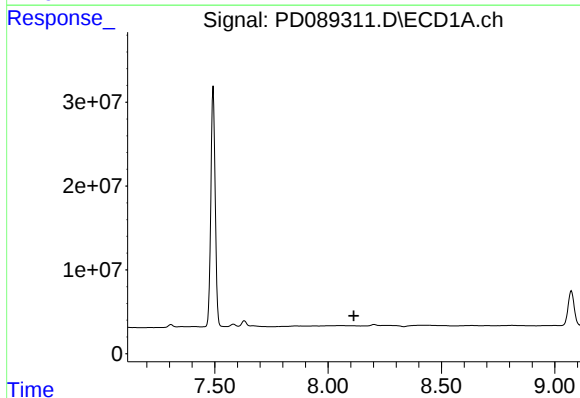
R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 7983765
Conc: 1.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



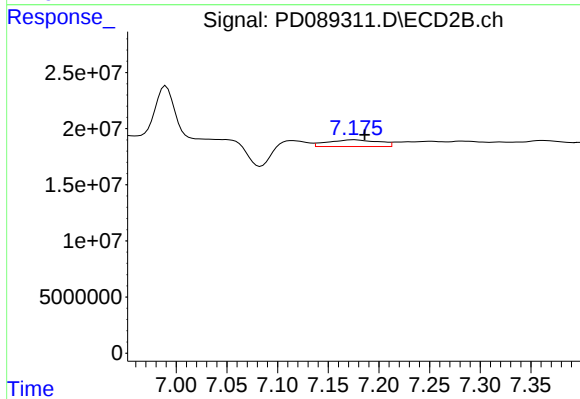
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 68454442
Conc: 3.17 ng/ml



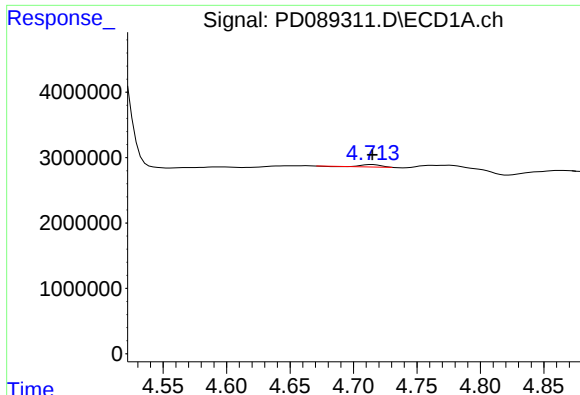
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.113 min
Response: 0
Conc: N.D.



#22 Mirex

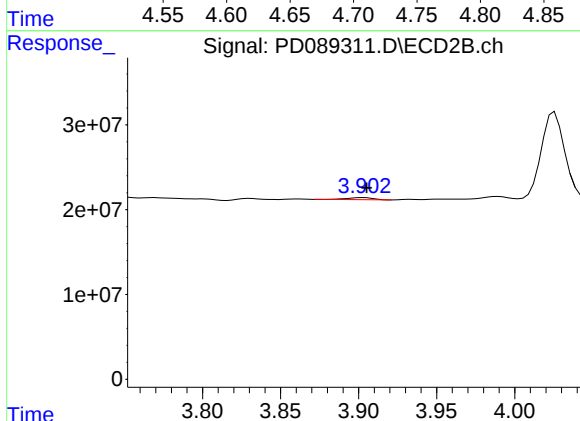
R.T.: 7.176 min
Delta R.T.: -0.010 min
Response: 20889013
Conc: 1.25 ng/ml



#23 Chlordane-1

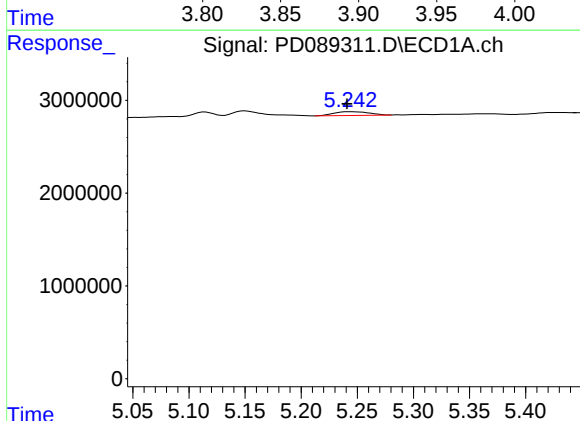
R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 364728
Conc: 1.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



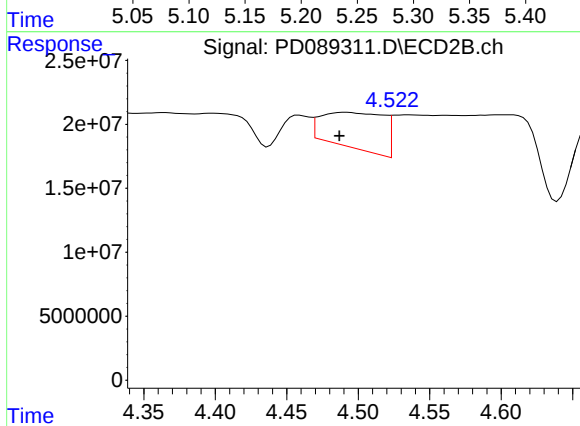
#23 Chlordane-1

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 2891579
Conc: 3.10 ng/ml



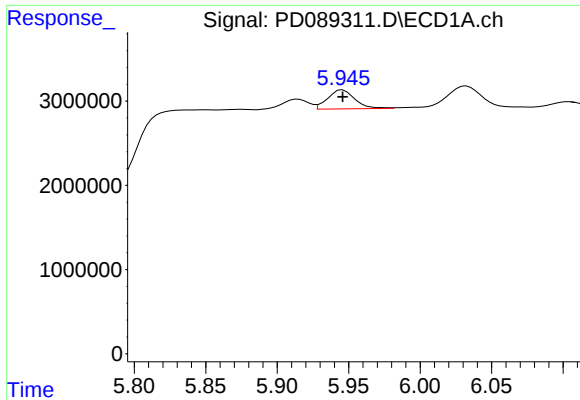
#24 Chlordane-2

R.T.: 5.243 min
Delta R.T.: 0.002 min
Response: 872408
Conc: 4.00 ng/ml



#24 Chlordane-2

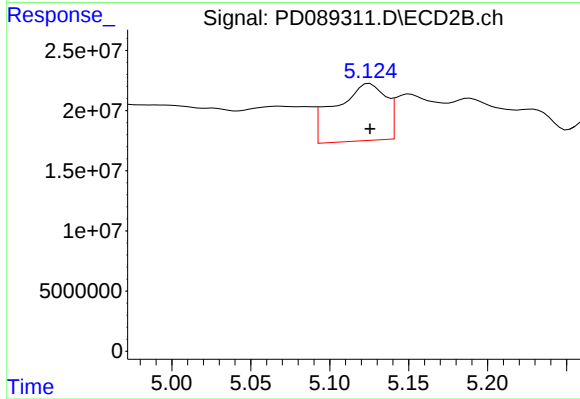
R.T.: 4.491 min
Delta R.T.: 0.005 min
Response: 84602242
Conc: 88.90 ng/ml



#25 Chlordane-3

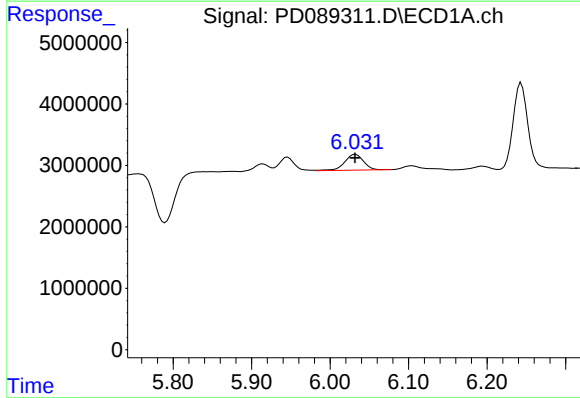
R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 2989347
Conc: 3.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



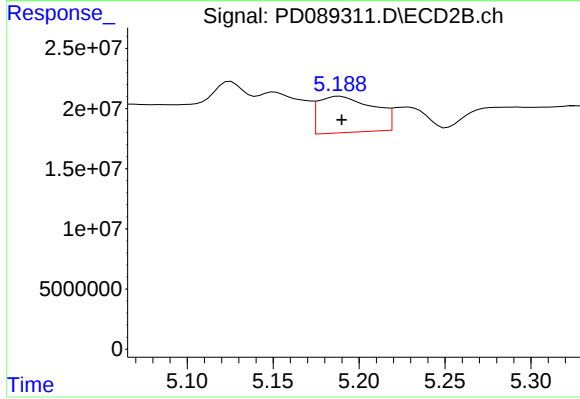
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 105828676
Conc: 35.63 ng/ml



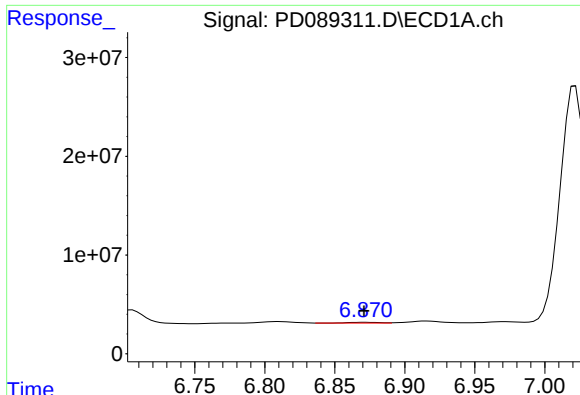
#26 Chlordane-4

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 4322615
Conc: 4.11 ng/ml



#26 Chlordane-4

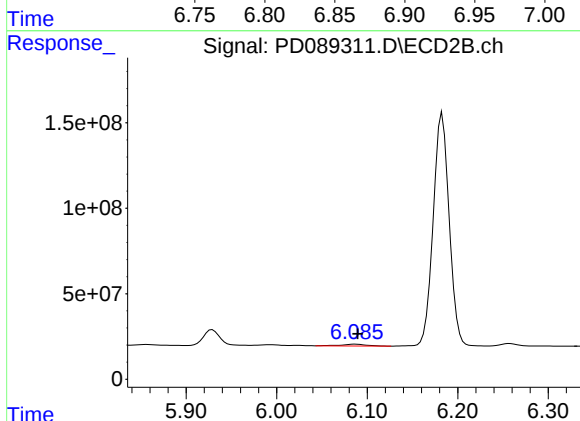
R.T.: 5.189 min
Delta R.T.: -0.001 min
Response: 67315994
Conc: 26.85 ng/ml



#27 Chlordane-5

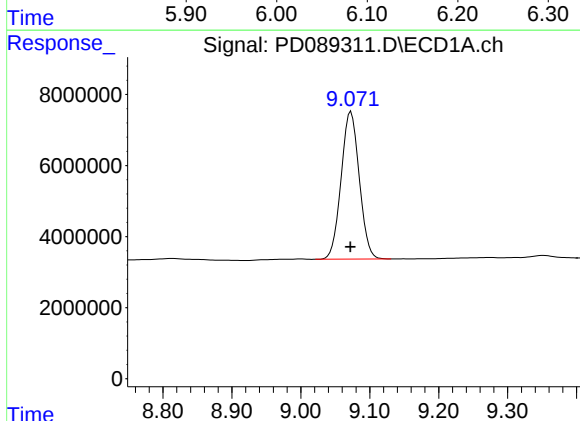
R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 1131690
Conc: 6.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



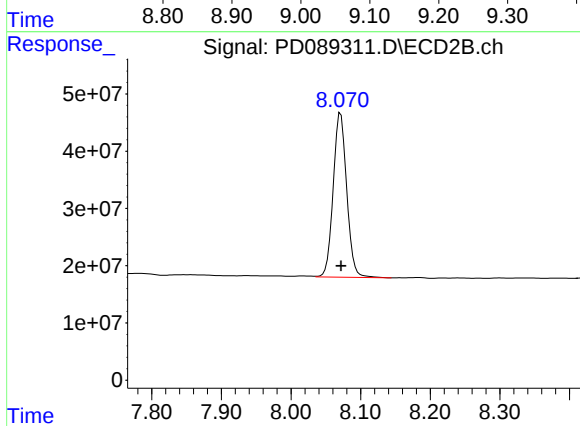
#27 Chlordane-5

R.T.: 6.087 min
Delta R.T.: -0.003 min
Response: 19747699
Conc: 17.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.000 min
Response: 76089229
Conc: 19.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: 0.000 min
Response: 387869213
Conc: 19.62 ng/ml