

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070325\
 Data File : PD089302.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 09:41
 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 01:39:15 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...	3.550	2.881	56125448	358.3E6	19.672	21.134
2)	SA Decachlor...	9.073	8.071	75946033	385.0E6	19.336	19.474
Target Compounds							
2)	A alpha-BHC	3.999	3.392	53571484	296.5E6	9.190	11.064
3)	MA gamma-BHC...	4.330	3.729	53894218	259.1E6	9.656	10.467
4)	MA Heptachlor	4.929	4.082	1219588	5596312	0.224	0.224
5)	MB Aldrin	5.244f	4.363	889519	1872353	0.167	0.077 #
6)	B beta-BHC	4.516	4.025	22548331	111.3E6	10.216	10.354
7)	B delta-BHC	4.775	4.258	1016008	709605	0.198	0.029 #
8)	B Heptachlo...	5.678	4.874	1637024	121.0E6	0.339	5.523 #
9)	A Endosulfan I	6.105f	5.228f	791959	23085291	0.176	1.108 #
10)	B gamma-Chl...	5.945	5.125	3018979	122.0E6	0.631	5.100 #
11)	B alpha-Chl...	6.032	5.189	4076724	66186333	0.843	2.891 #
12)	B 4,4'-DDE	6.195	5.374	894438	19488283	0.205	0.850 #
13)	MA Dieldrin	6.367f	5.511	2979147	27461984	0.621	1.183 #
14)	MA Endrin	6.575	5.788	191.0E6	1011.2E6	46.291	46.569
15)	B Endosulfa...	6.773	6.086	1365427	20438566	0.338	1.012 #
16)	A 4,4'-DDD	6.705	5.928	25082872	123.3E6	7.308	6.444
17)	MA 4,4'-DDT	7.021	6.182	304.3E6	1597.8E6	80.329	78.790
18)	B Endrin al...	6.915	6.257	3329862	30057446	1.087	1.963 #
19)	B Endosulfa...	7.118f	6.458f	142152	5860493	0.037	0.299 #
20)	A Methoxychlor	7.493	6.753	362.8E6	1698.8E6	179.549	157.764
21)	B Endrin ke...	7.630	6.990	8578028	76142476	2.106	3.525 #
22)	Mirex	8.117	7.176	73109	31886927	0.024	1.912 #
23)	Chlordane-1	4.714	3.903	414980	3372664	1.939	3.618 #
24)	Chlordane-2	5.244	4.489	889519	86506435	4.074	90.905 #
25)	Chlordane-3	5.945	5.125	3018979	122.0E6	3.500	41.081 #
26)	Chlordane-4	6.032	5.189	4076724	66186333	3.880	26.404 #
27)	Chlordane-5	6.871	6.086	622855	20438566	3.408	18.061 #

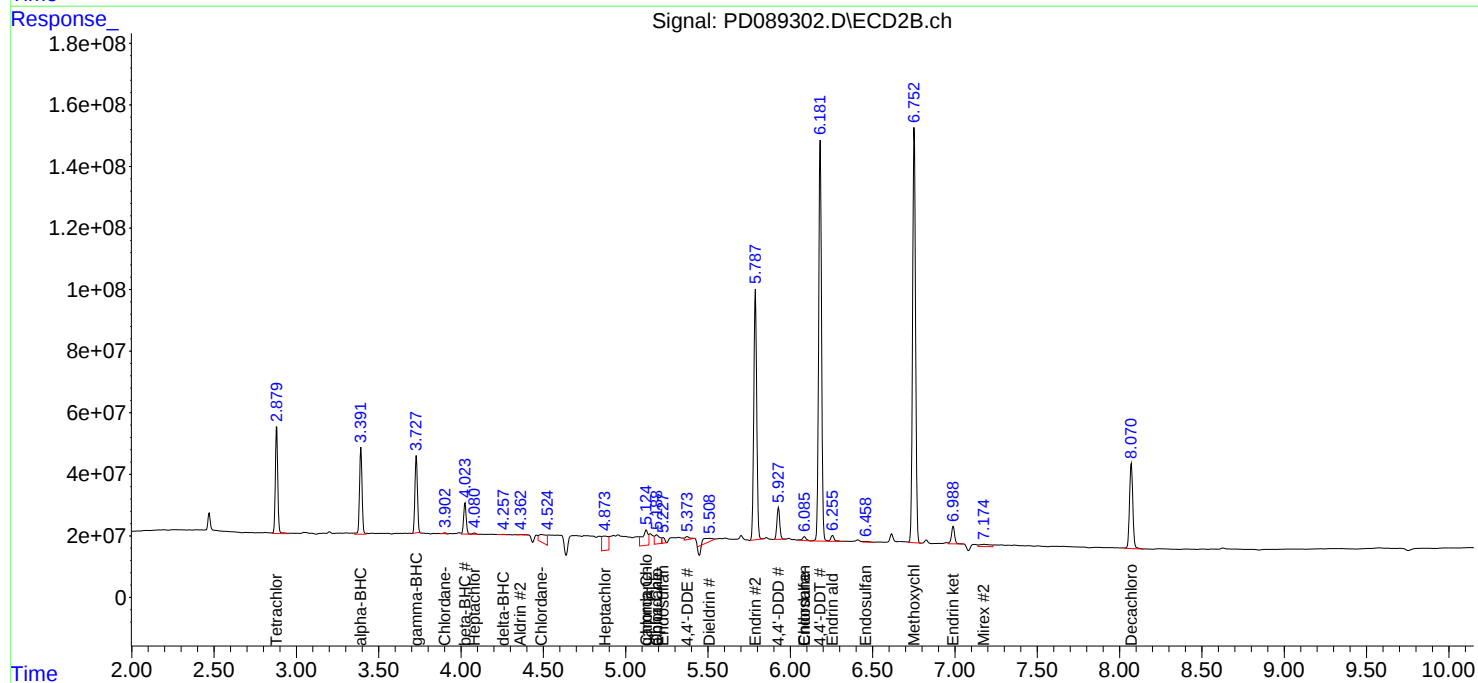
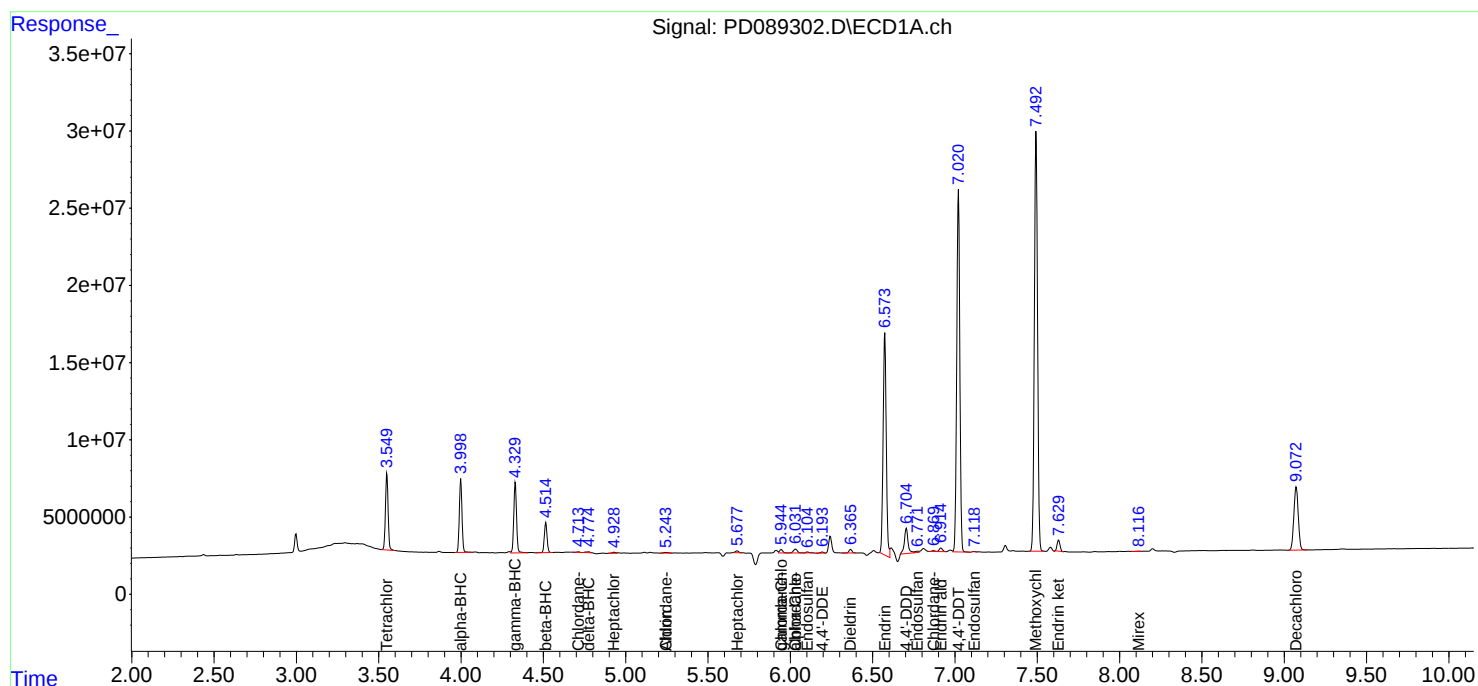
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

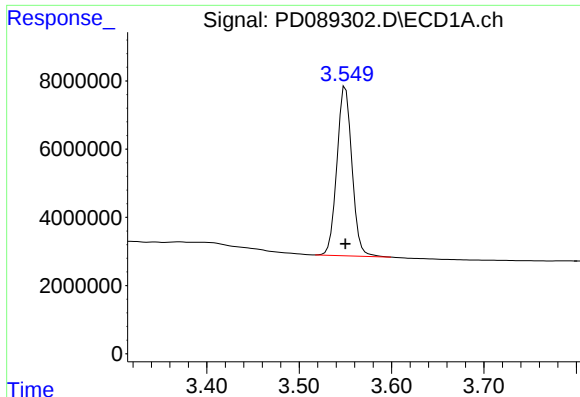
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070325\
Data File : PD089302.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 09:41
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 01:39:15 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

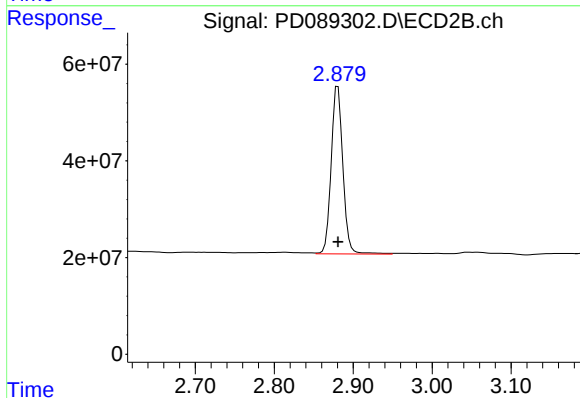




#1 Tetrachloro-m-xylene

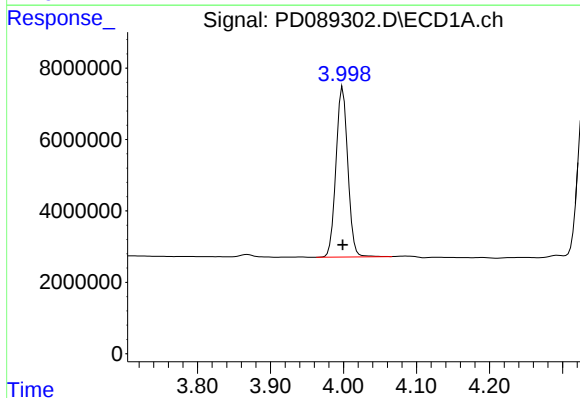
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 56125448
Conc: 19.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



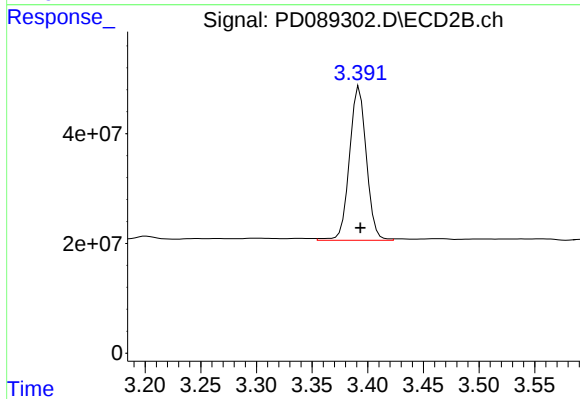
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 358290487
Conc: 21.13 ng/ml



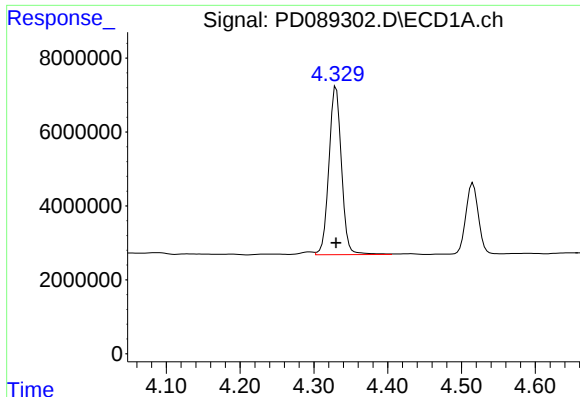
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 53571484
Conc: 9.19 ng/ml



#2 alpha-BHC

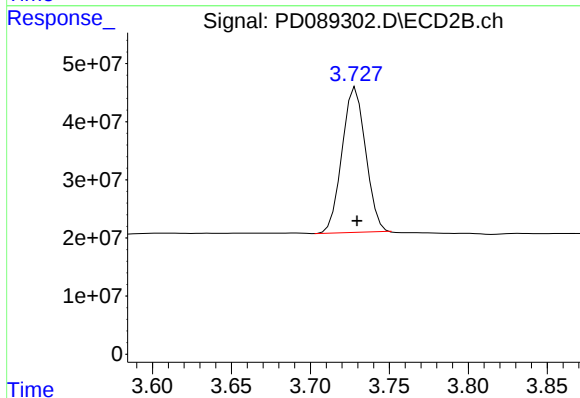
R.T.: 3.392 min
Delta R.T.: 0.000 min
Response: 296479363
Conc: 11.06 ng/ml



#3 gamma-BHC (Lindane)

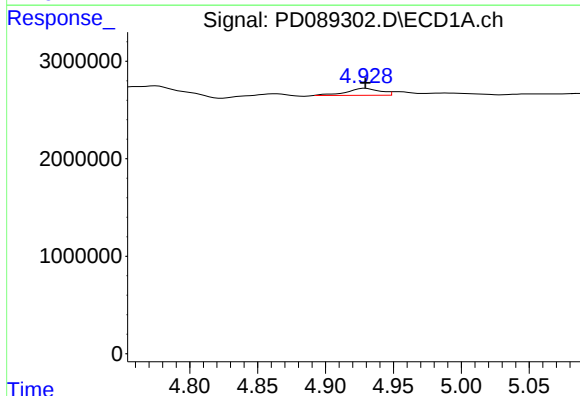
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 53894218
Conc: 9.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



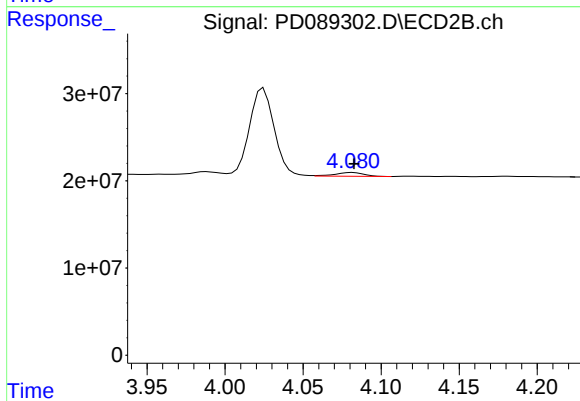
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 259123601
Conc: 10.47 ng/ml



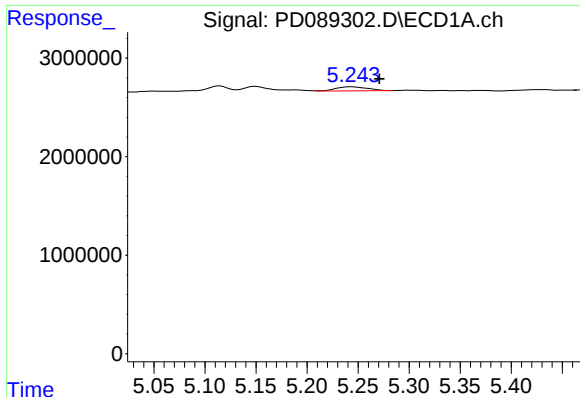
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 1219588
Conc: 0.22 ng/ml



#4 Heptachlor

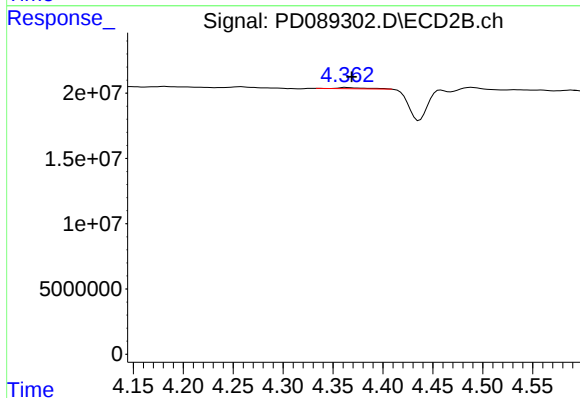
R.T.: 4.082 min
Delta R.T.: -0.001 min
Response: 5596312
Conc: 0.22 ng/ml



#5 Aldrin

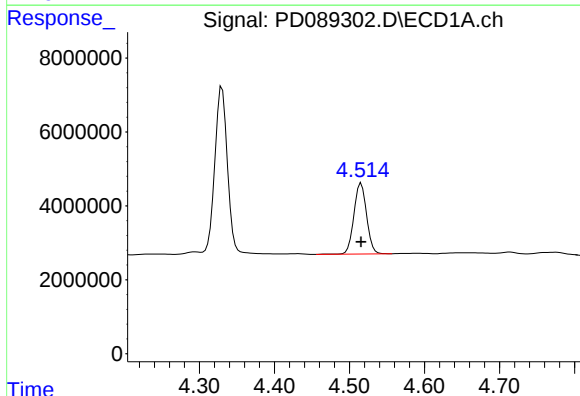
R.T.: 5.244 min
Delta R.T.: -0.027 min
Response: 889519
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



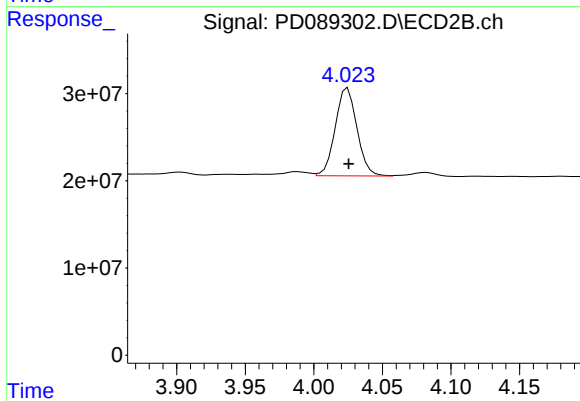
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: -0.005 min
Response: 1872353
Conc: 0.08 ng/ml



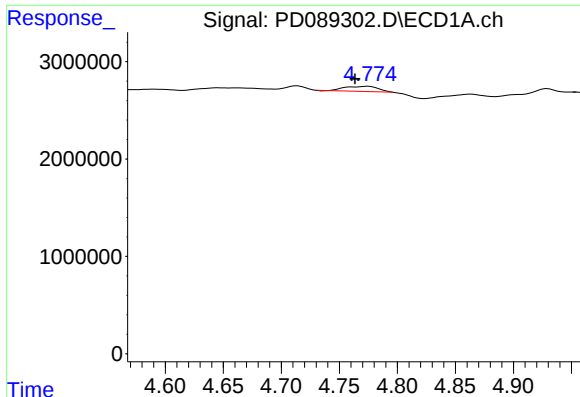
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 22548331
Conc: 10.22 ng/ml



#6 beta-BHC

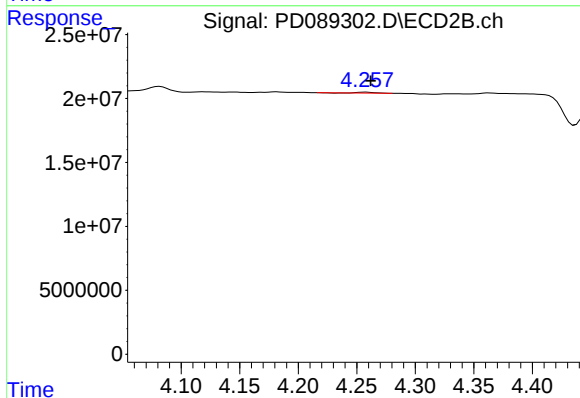
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 111269465
Conc: 10.35 ng/ml



#7 delta-BHC

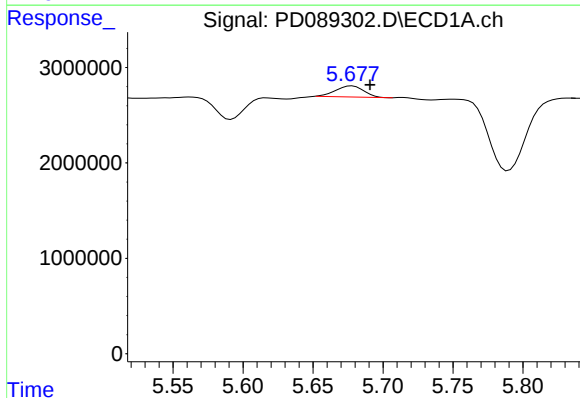
R.T.: 4.775 min
Delta R.T.: 0.012 min
Response: 1016008
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



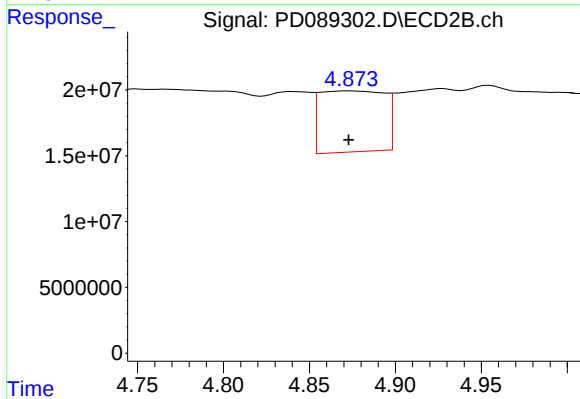
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: -0.004 min
Response: 709605
Conc: 0.03 ng/ml



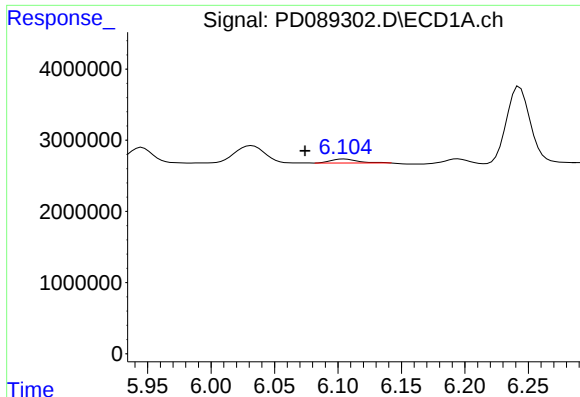
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.013 min
Response: 1637024
Conc: 0.34 ng/ml



#8 Heptachlor epoxide

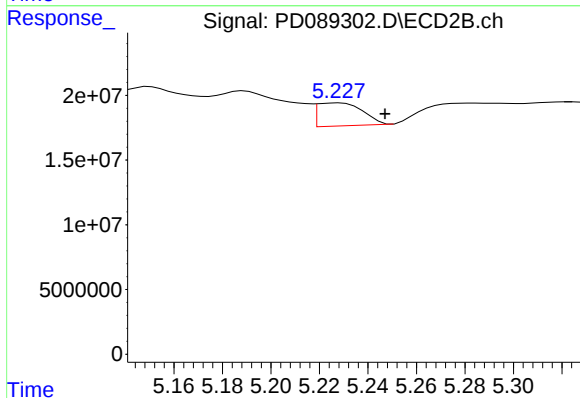
R.T.: 4.874 min
Delta R.T.: 0.001 min
Response: 120950650
Conc: 5.52 ng/ml



#9 Endosulfan I

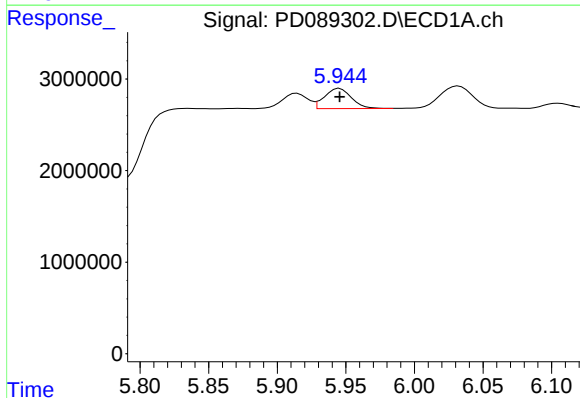
R.T.: 6.105 min
Delta R.T.: 0.031 min
Response: 791959
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



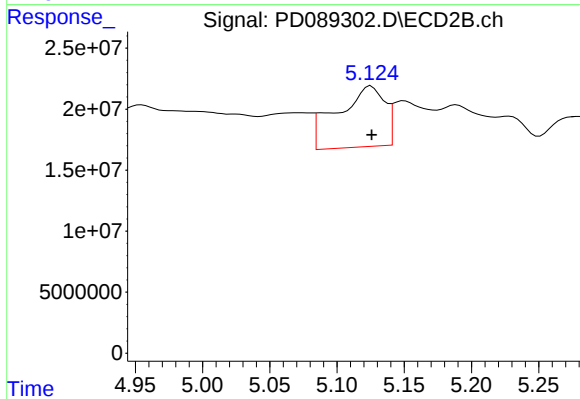
#9 Endosulfan I

R.T.: 5.228 min
Delta R.T.: -0.019 min
Response: 23085291
Conc: 1.11 ng/ml



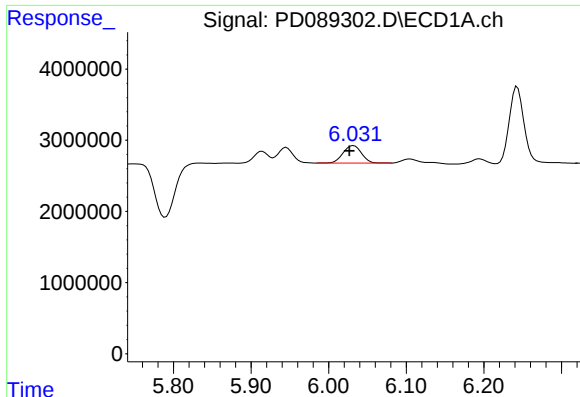
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 3018979
Conc: 0.63 ng/ml



#10 gamma-Chlordane

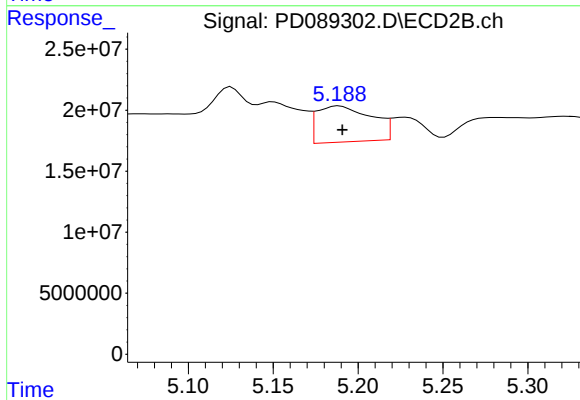
R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 122017400
Conc: 5.10 ng/ml



#11 alpha-Chlordane

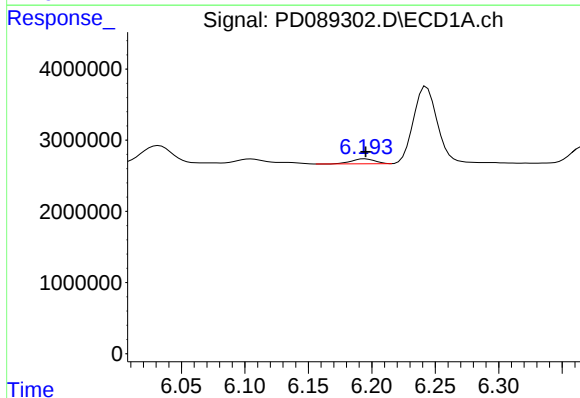
R.T.: 6.032 min
Delta R.T.: 0.005 min
Response: 4076724
Conc: 0.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



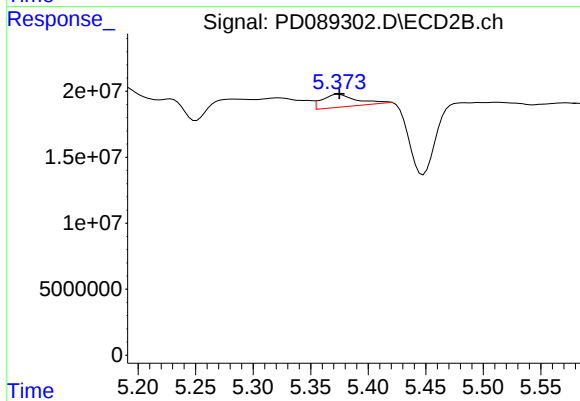
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.002 min
Response: 66186333
Conc: 2.89 ng/ml



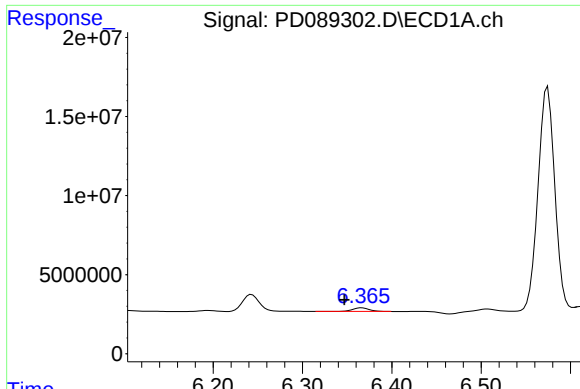
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 894438
Conc: 0.21 ng/ml



#12 4,4'-DDE

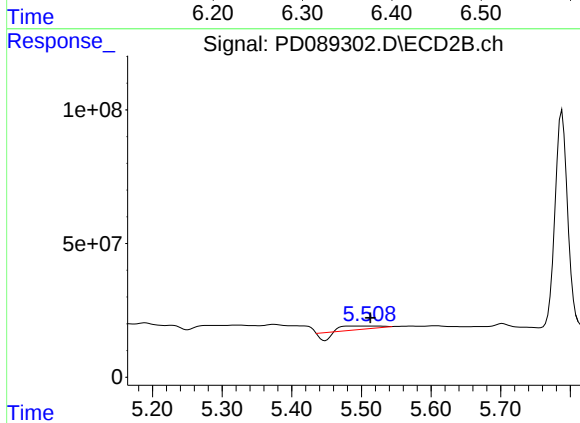
R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 19488283
Conc: 0.85 ng/ml



#13 Dieldrin

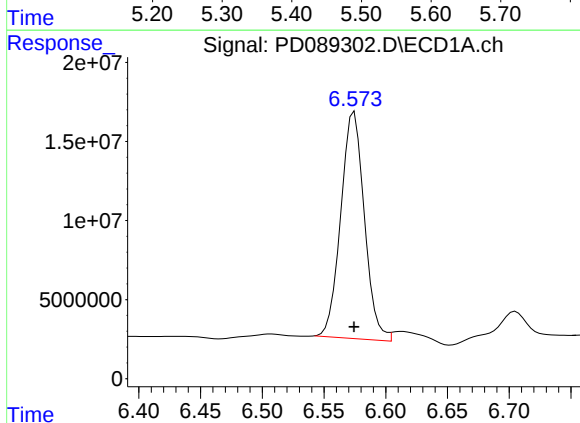
R.T.: 6.367 min
Delta R.T.: 0.020 min
Response: 2979147
Conc: 0.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



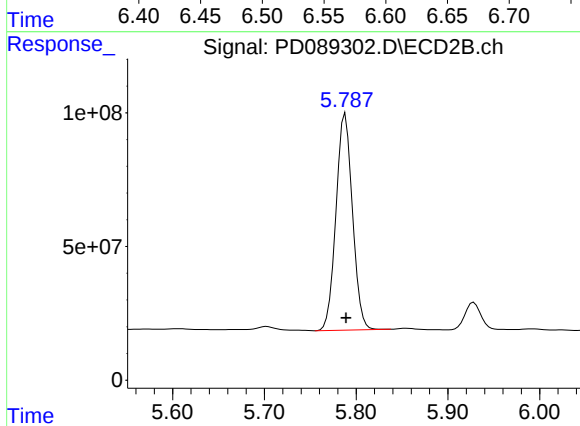
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.002 min
Response: 27461984
Conc: 1.18 ng/ml



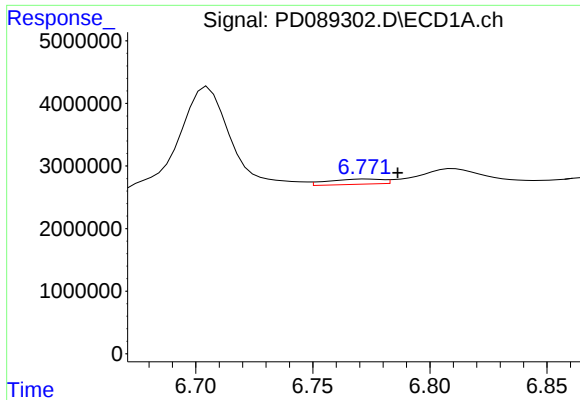
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 190978996
Conc: 46.29 ng/ml



#14 Endrin

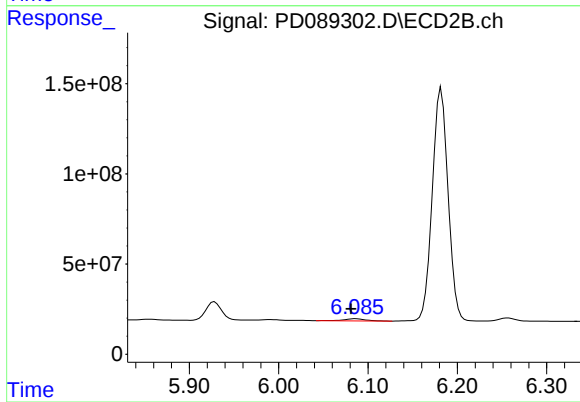
R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 1011191582
Conc: 46.57 ng/ml



#15 Endosulfan II

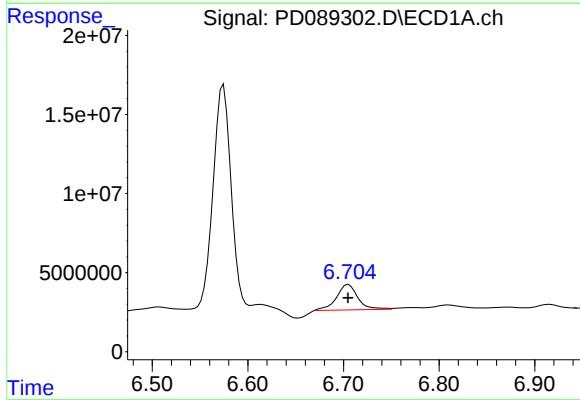
R.T.: 6.773 min
Delta R.T.: -0.013 min
Response: 1365427
Conc: 0.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



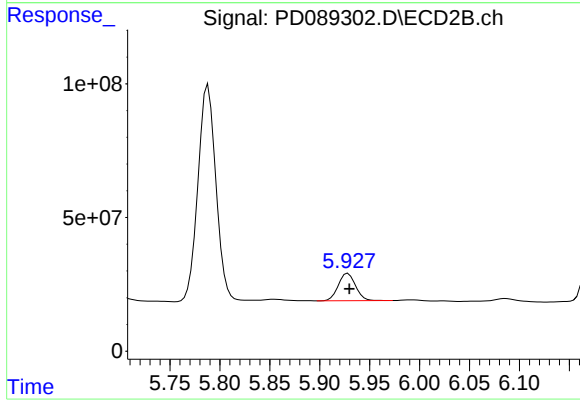
#15 Endosulfan II

R.T.: 6.086 min
Delta R.T.: 0.005 min
Response: 20438566
Conc: 1.01 ng/ml



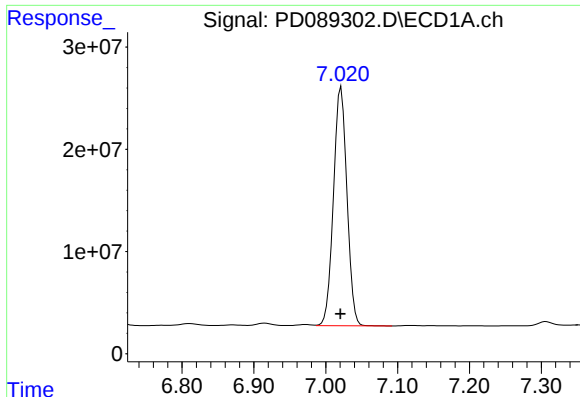
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 25082872
Conc: 7.31 ng/ml



#16 4,4'-DDD

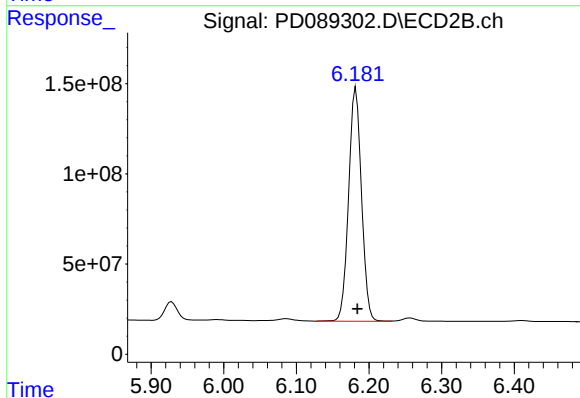
R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 123272749
Conc: 6.44 ng/ml



#17 4,4'-DDT

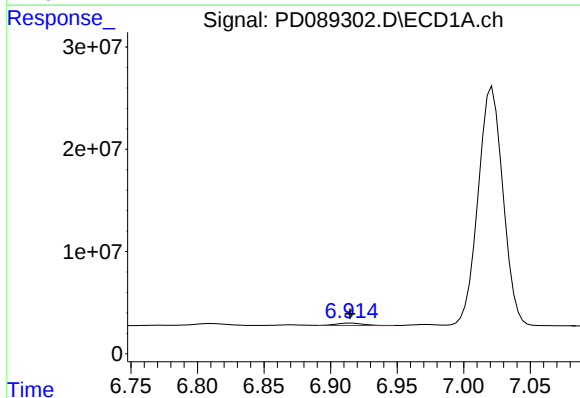
R.T.: 7.021 min
Delta R.T.: 0.001 min
Response: 304303367
Conc: 80.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



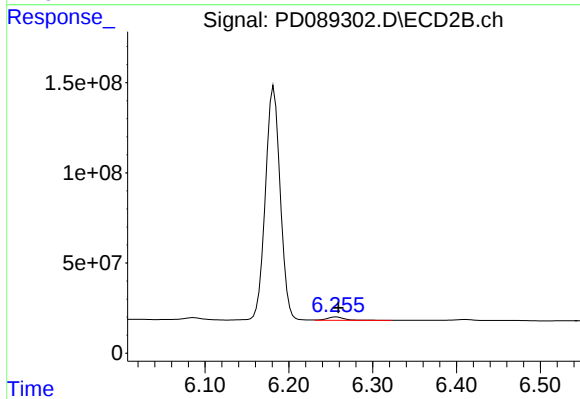
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 1597802062
Conc: 78.79 ng/ml



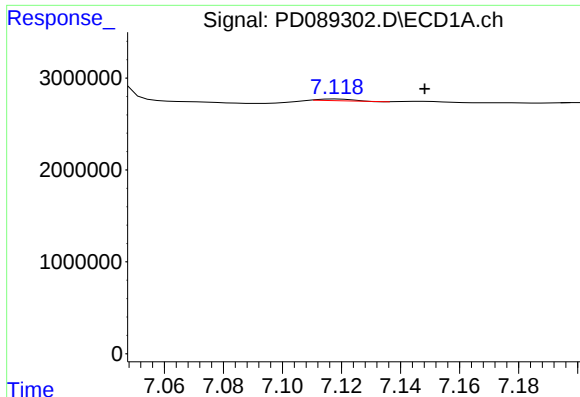
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 3329862
Conc: 1.09 ng/ml



#18 Endrin aldehyde

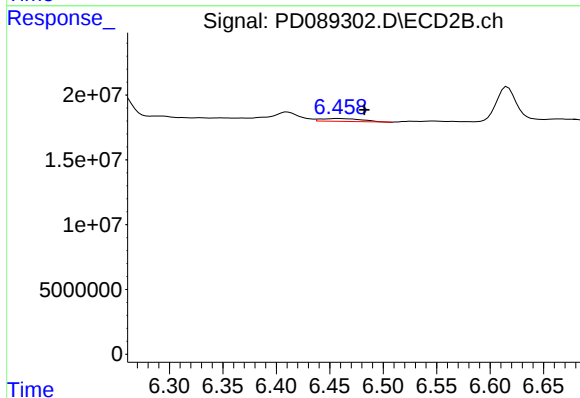
R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 30057446
Conc: 1.96 ng/ml



#19 Endosulfan Sulfate

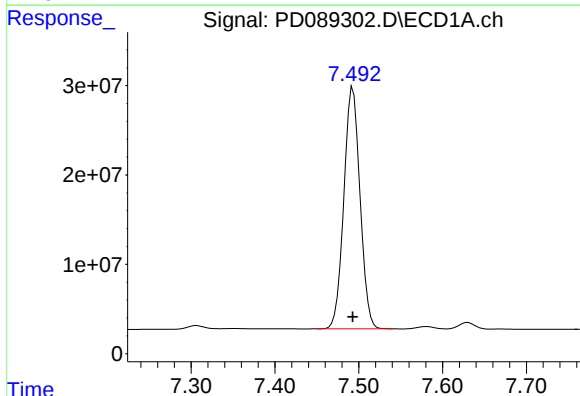
R.T.: 7.118 min
Delta R.T.: -0.030 min
Response: 142152
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



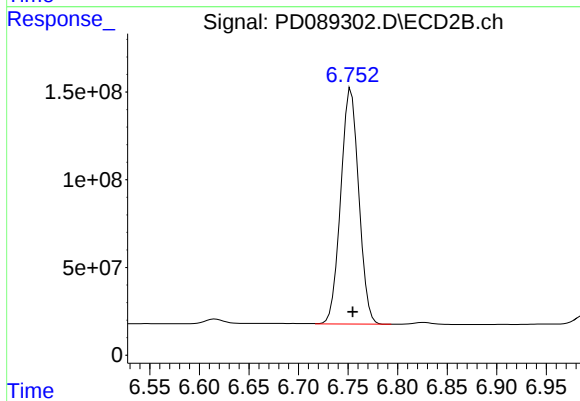
#19 Endosulfan Sulfate

R.T.: 6.458 min
Delta R.T.: -0.024 min
Response: 5860493
Conc: 0.30 ng/ml



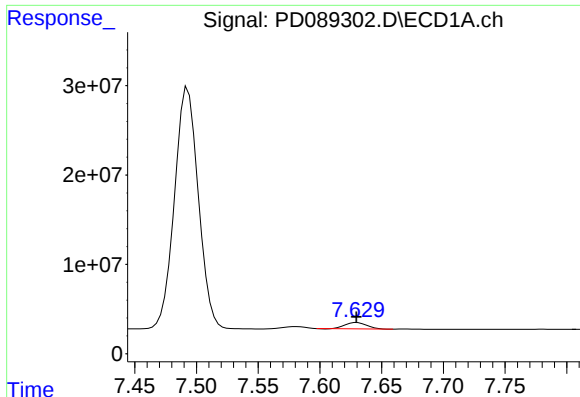
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 362802184
Conc: 179.55 ng/ml



#20 Methoxychlor

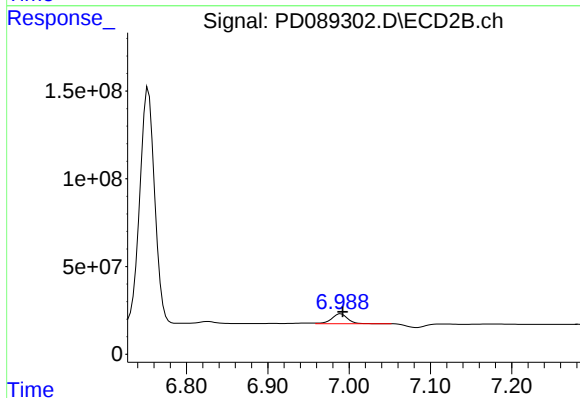
R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 1698817192
Conc: 157.76 ng/ml



#21 Endrin ketone

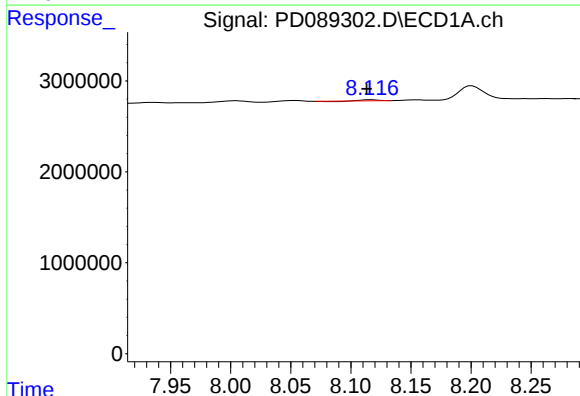
R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 8578028
Conc: 2.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



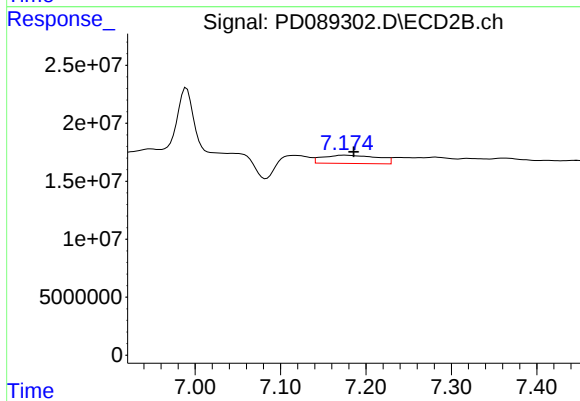
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 76142476
Conc: 3.52 ng/ml



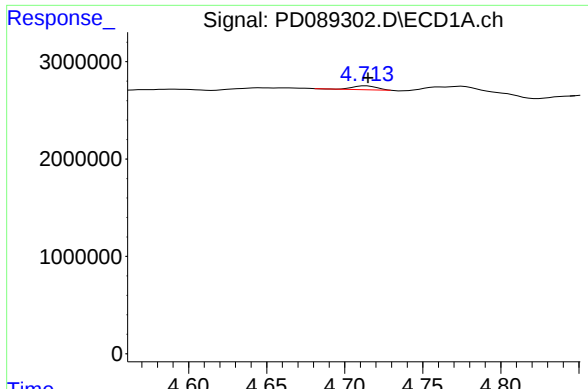
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.004 min
Response: 73109
Conc: 0.02 ng/ml



#22 Mirex

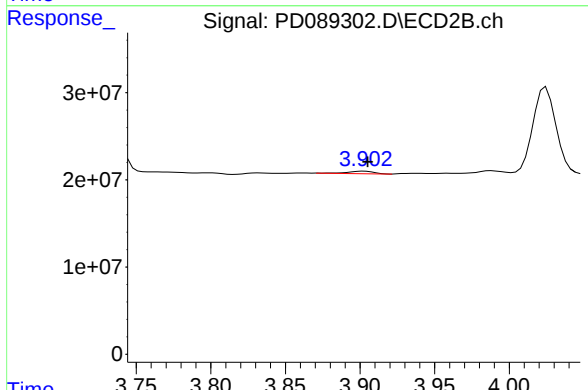
R.T.: 7.176 min
Delta R.T.: -0.010 min
Response: 31886927
Conc: 1.91 ng/ml



#23 Chlordane-1

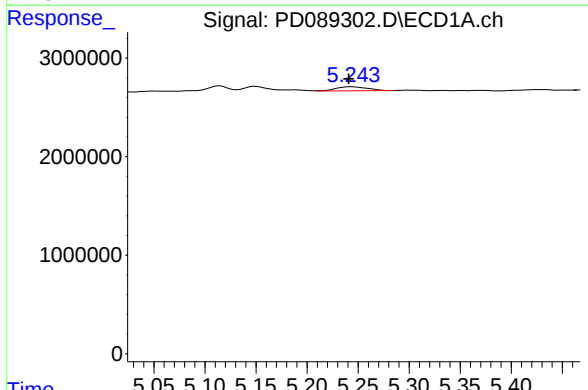
R.T.: 4.714 min
Delta R.T.: -0.001 min
Response: 414980
Conc: 1.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



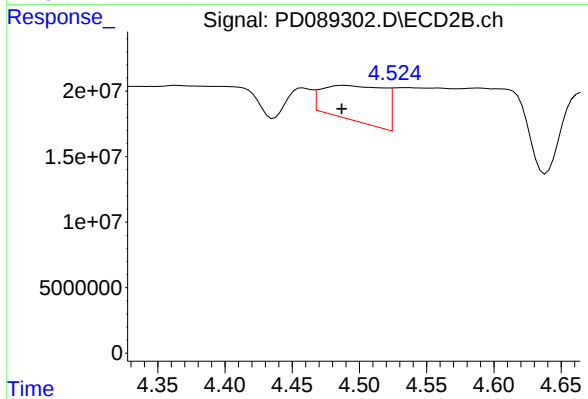
#23 Chlordane-1

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 3372664
Conc: 3.62 ng/ml



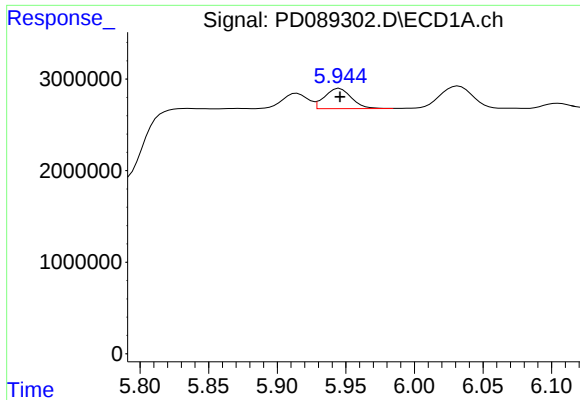
#24 Chlordane-2

R.T.: 5.244 min
Delta R.T.: 0.003 min
Response: 889519
Conc: 4.07 ng/ml



#24 Chlordane-2

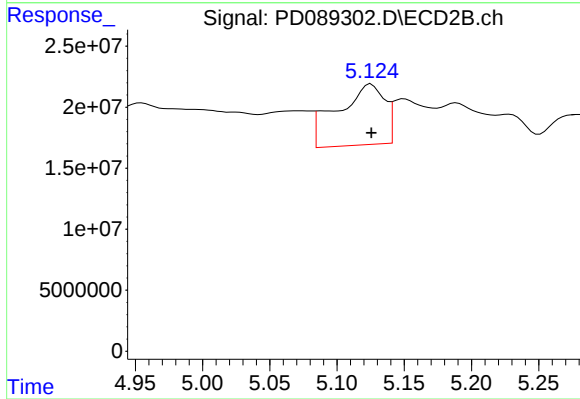
R.T.: 4.489 min
Delta R.T.: 0.002 min
Response: 86506435
Conc: 90.90 ng/ml



#25 Chlordane-3

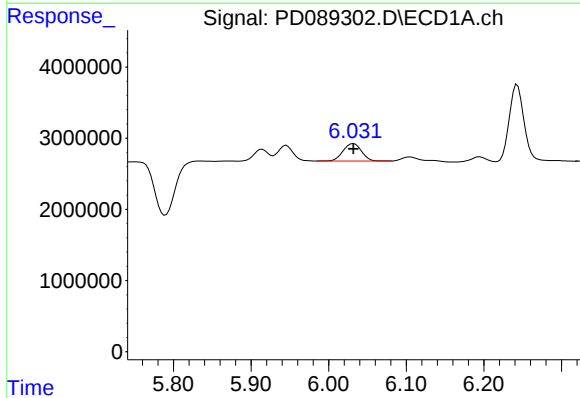
R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 3018979
Conc: 3.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



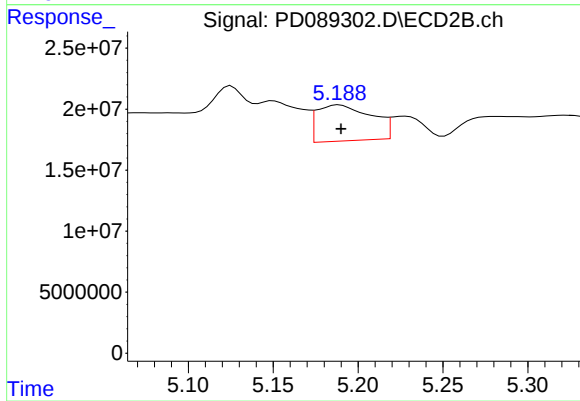
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 122017400
Conc: 41.08 ng/ml



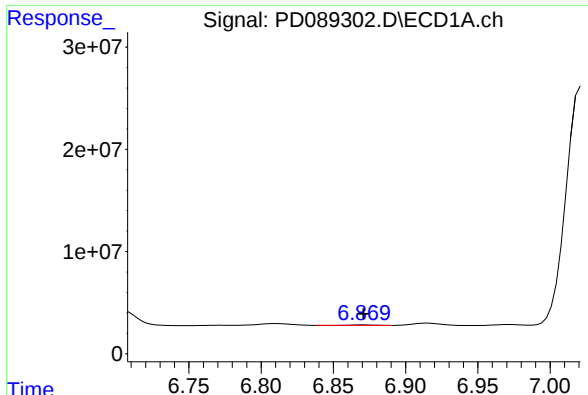
#26 Chlordane-4

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 4076724
Conc: 3.88 ng/ml



#26 Chlordane-4

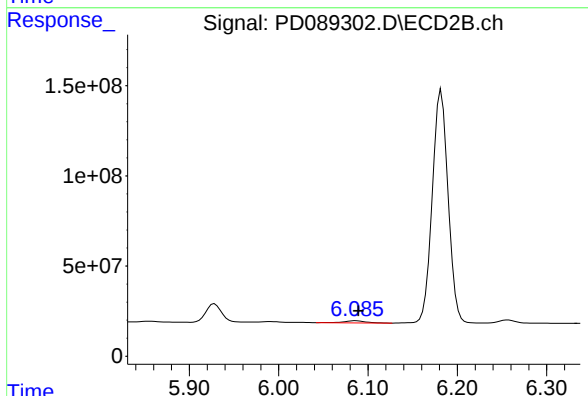
R.T.: 5.189 min
Delta R.T.: 0.000 min
Response: 66186333
Conc: 26.40 ng/ml



#27 Chlordane-5

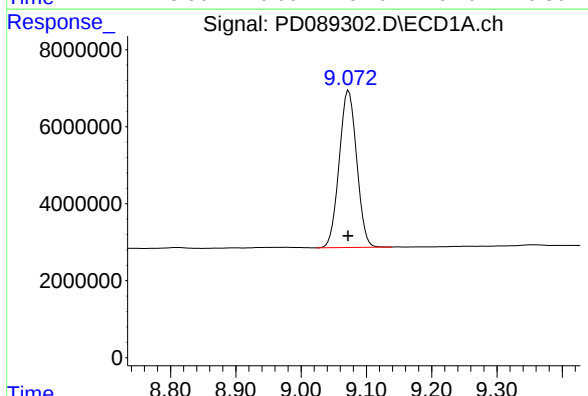
R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 622855
Conc: 3.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



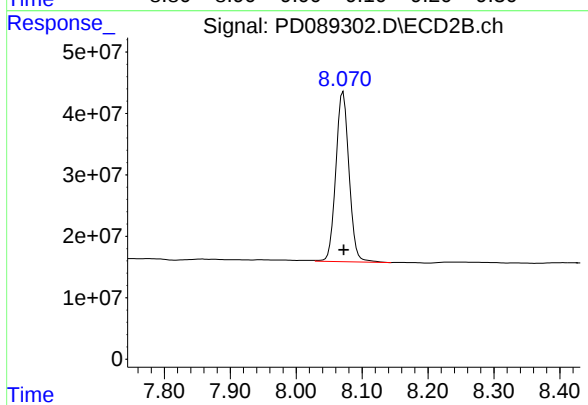
#27 Chlordane-5

R.T.: 6.086 min
Delta R.T.: -0.003 min
Response: 20438566
Conc: 18.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.000 min
Response: 75946033
Conc: 19.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: 0.000 min
Response: 385006998
Conc: 19.47 ng/ml