

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070425\
 Data File : PD089327.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jul 2025 09:32
 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: Jul 04 02:16:52 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	61680202	400.7E6	21.618	23.636
28)	SA Decachlor...	9.073	8.071	76793160	382.1E6	19.552	19.329
Target Compounds							
2)	A alpha-BHC	3.999	3.393	59112351	329.4E6	10.141	12.293
3)	MA gamma-BHC...	4.331	3.729	58900726	291.7E6	10.553	11.781
4)	MA Heptachlor	4.929	4.082	1875620	6260596	0.344	0.250 #
5)	MB Aldrin	5.242f	4.365	1089520	1339044	0.205	0.055 #
6)	B beta-BHC	4.516	4.025	24368122	124.0E6	11.041	11.536
7)	B delta-BHC	4.775	4.262	1046501	1071282	0.204	0.043 #
8)	B Heptachlo...	5.676	4.870	1303879	138.6E6	0.270	6.327 #
9)	A Endosulfan I	6.105f	5.226f	641142	25494011	0.142	1.223 #
10)	B gamma-Chl...	5.946	5.124	3292283	112.9E6	0.688	4.720 #
11)	B alpha-Chl...	6.032	5.188	4448908	70135964	0.919	3.063 #
12)	B 4,4'-DDE	6.194	5.374	584157	20960378	0.134	0.915 #
13)	MA Dieldrin	6.367f	5.527	3624971	1496849	0.756	0.064 #
14)	MA Endrin	6.574	5.788	198.2E6	1109.2E6	48.048	51.082
15)	B Endosulfa...	6.769f	6.086	336852	10953454	0.083	0.542 #
16)	A 4,4'-DDD	6.705	5.928	24532115	81482801	7.148	4.260 #
17)	MA 4,4'-DDT	7.021	6.182	314.7E6	1677.9E6	83.074	82.738
18)	B Endrin al...	6.916	6.257	3278521	24041555	1.070	1.570 #
19)	B Endosulfa...	0.000	6.456f	0	4841975	N.D.	0.247 #
20)	A Methoxychlor	7.494	6.753	371.5E6	1727.7E6	183.849	160.450
21)	B Endrin ke...	7.630	6.989	10025133	81701358	2.461	3.782 #
22)	Mirex	8.117	7.176	743752	12353214	0.245	0.741 #
23)	Chlordane-1	4.715	3.902	469014	3222291	2.191	3.456 #
24)	Chlordane-2	5.242	4.485	1089520	82693467	4.991	86.898 #
25)	Chlordane-3	5.946	5.124	3292283	112.9E6	3.817	38.020 #
26)	Chlordane-4	6.032	5.188	4448908	70135964	4.234	27.979 #
27)	Chlordane-5	6.862	6.086	1388529	10953454	7.598	9.679 #

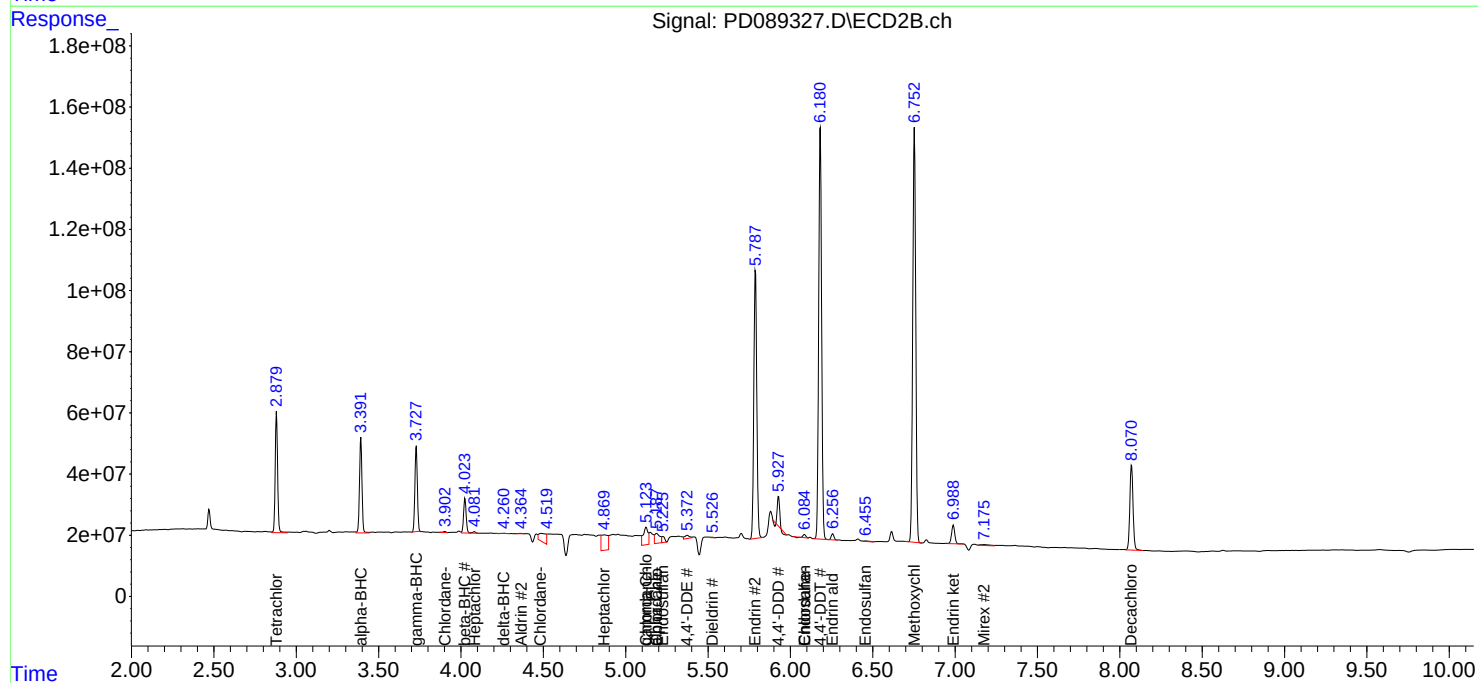
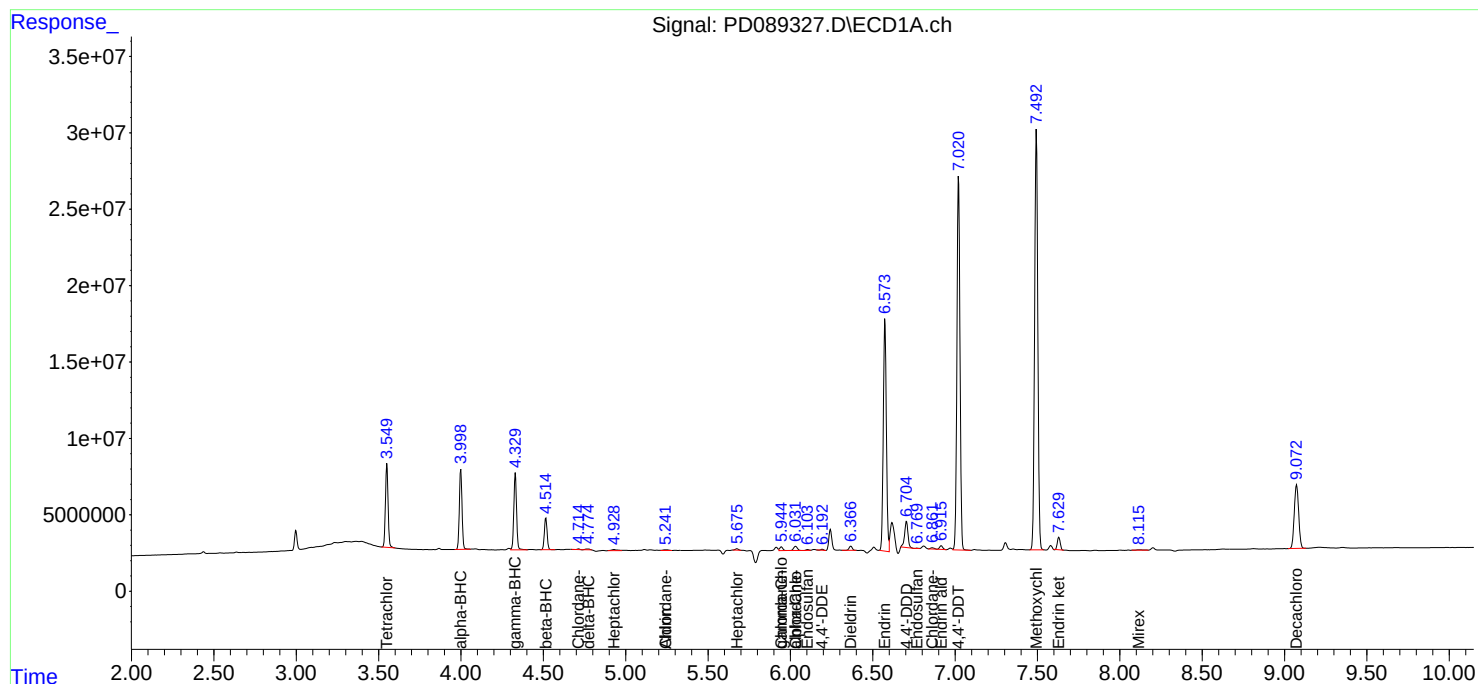
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

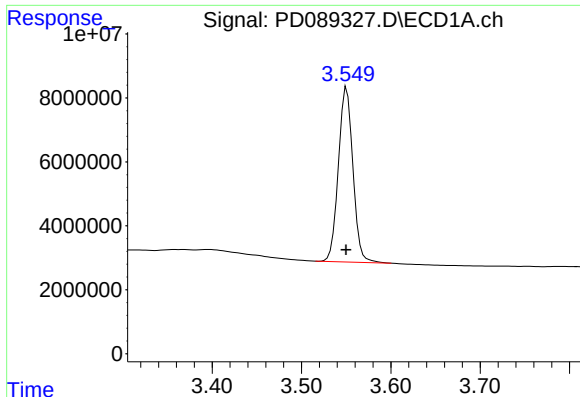
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070425\
Data File : PD089327.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2025 09:32
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 04 02:16:52 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

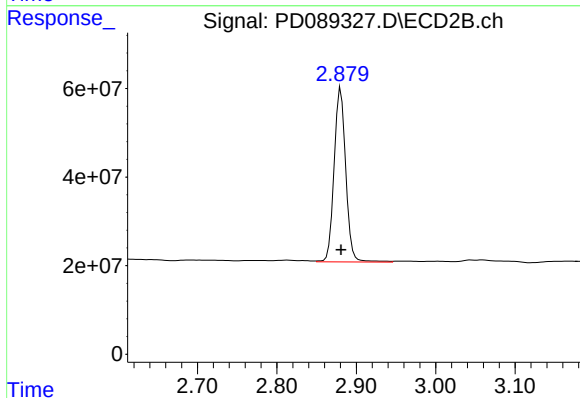




#1 Tetrachloro-m-xylene

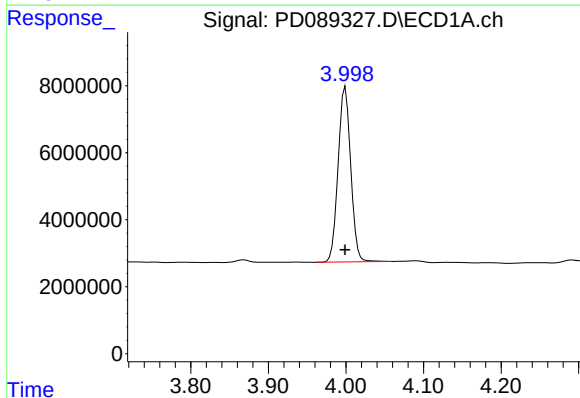
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 61680202
Conc: 21.62 ng/ml

Instrument :
ECD_D
ClientSampleId :



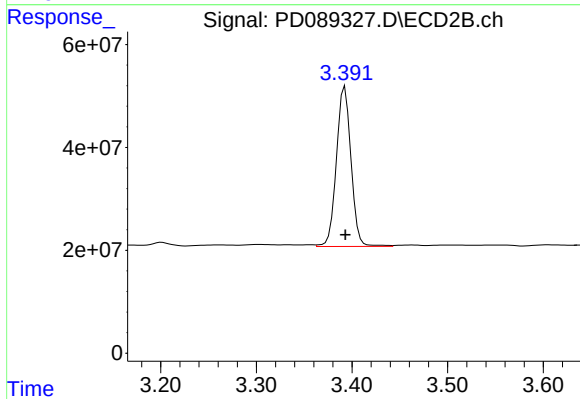
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 400710826
Conc: 23.64 ng/ml



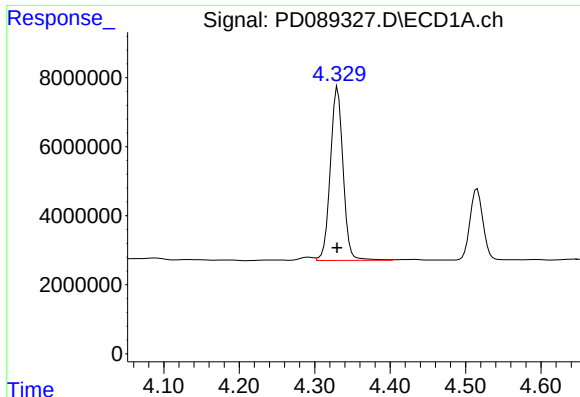
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 59112351
Conc: 10.14 ng/ml



#2 alpha-BHC

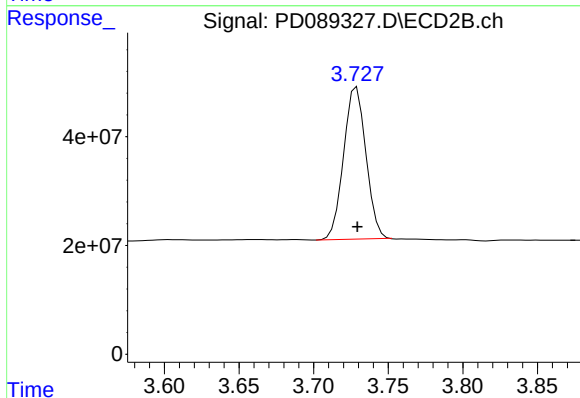
R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 329403638
Conc: 12.29 ng/ml



#3 gamma-BHC (Lindane)

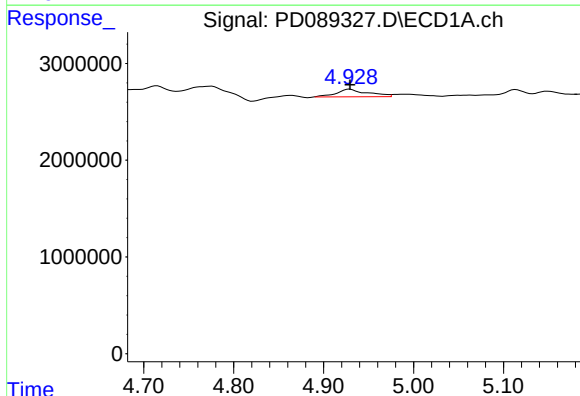
R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 58900726
Conc: 10.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



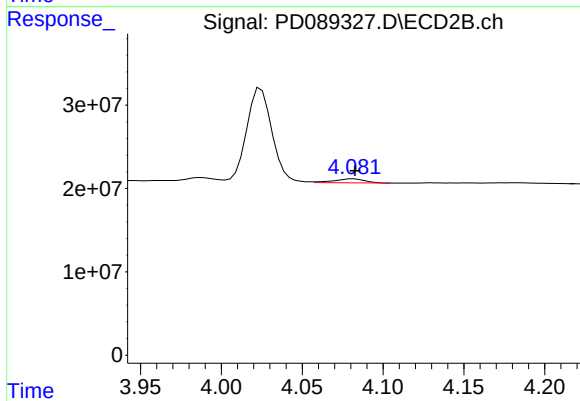
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 291664814
Conc: 11.78 ng/ml



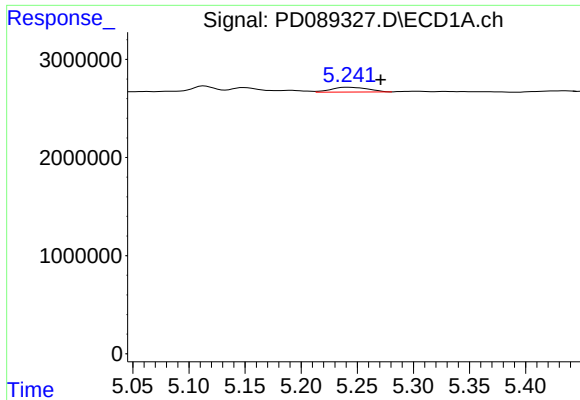
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 1875620
Conc: 0.34 ng/ml



#4 Heptachlor

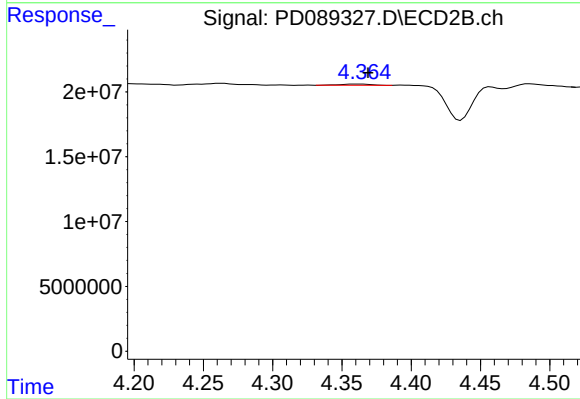
R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 6260596
Conc: 0.25 ng/ml



#5 Aldrin

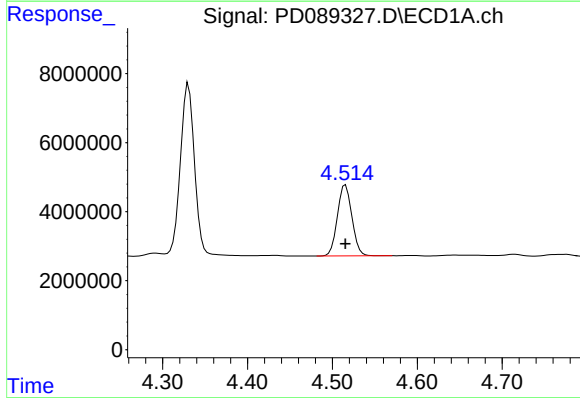
R.T.: 5.242 min
Delta R.T.: -0.029 min
Response: 1089520
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



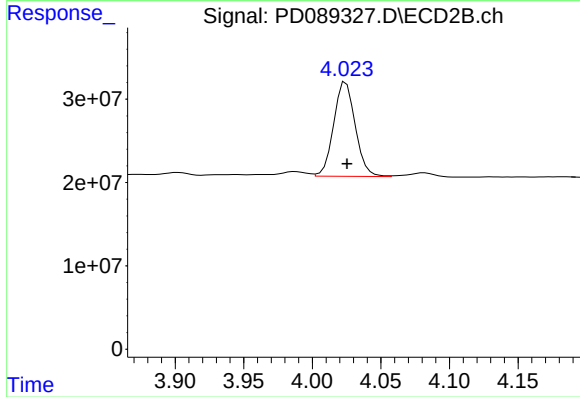
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 1339044
Conc: 0.06 ng/ml



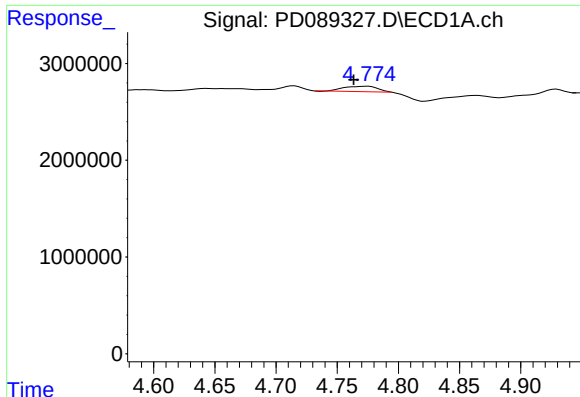
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 24368122
Conc: 11.04 ng/ml



#6 beta-BHC

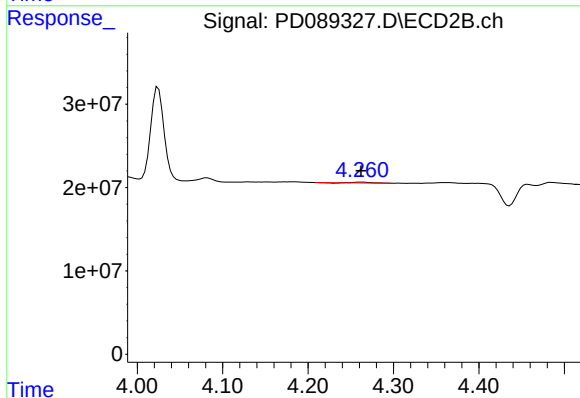
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 123965755
Conc: 11.54 ng/ml



#7 delta-BHC

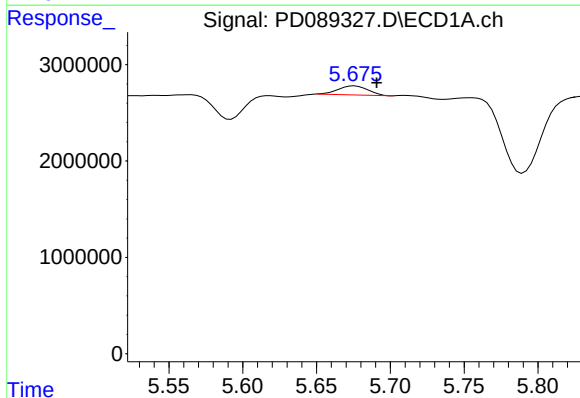
R.T.: 4.775 min
Delta R.T.: 0.012 min
Response: 1046501
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



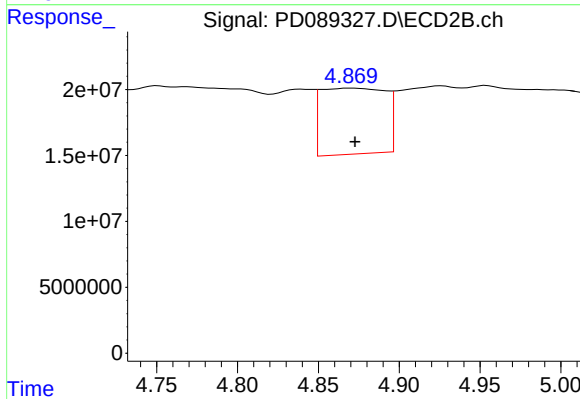
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 1071282
Conc: 0.04 ng/ml



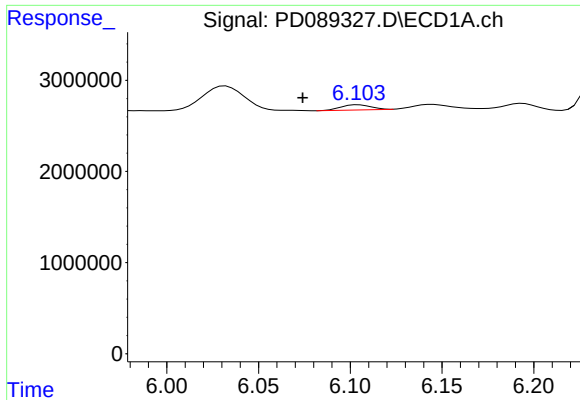
#8 Heptachlor epoxide

R.T.: 5.676 min
Delta R.T.: -0.015 min
Response: 1303879
Conc: 0.27 ng/ml



#8 Heptachlor epoxide

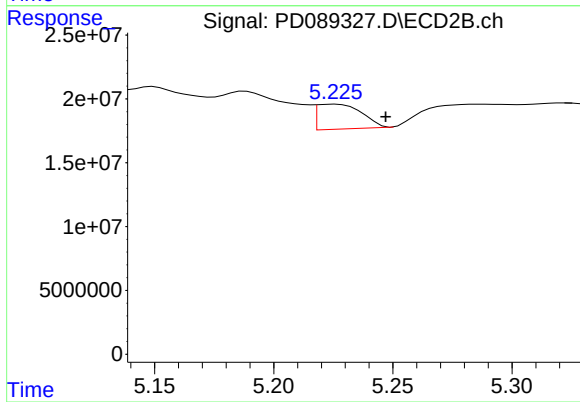
R.T.: 4.870 min
Delta R.T.: -0.002 min
Response: 138558473
Conc: 6.33 ng/ml



#9 Endosulfan I

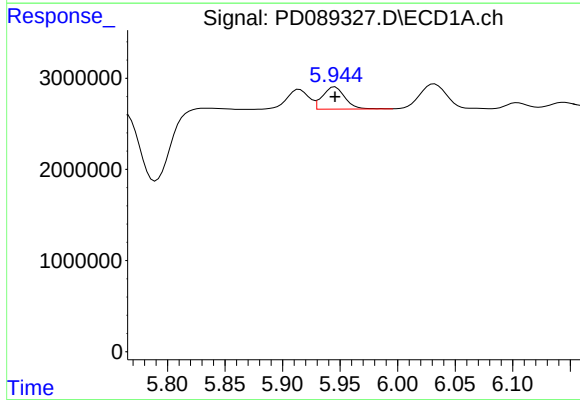
R.T.: 6.105 min
Delta R.T.: 0.030 min
Response: 641142
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



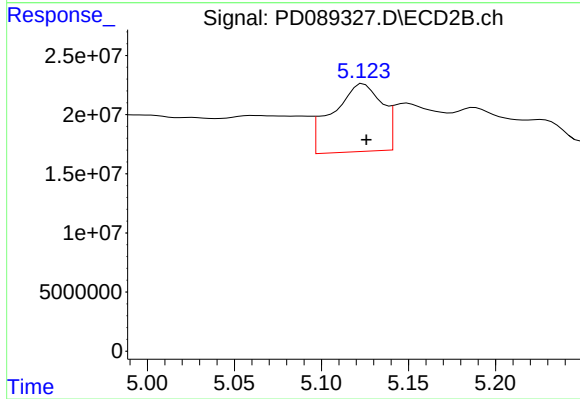
#9 Endosulfan I

R.T.: 5.226 min
Delta R.T.: -0.021 min
Response: 25494011
Conc: 1.22 ng/ml



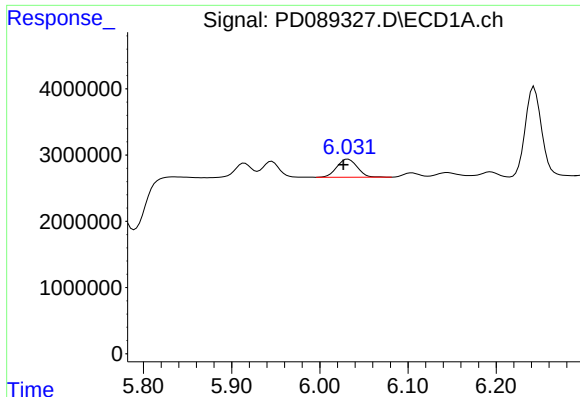
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 3292283
Conc: 0.69 ng/ml



#10 gamma-Chlordane

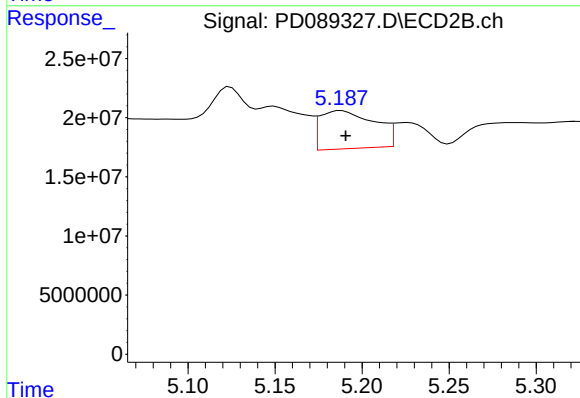
R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 112926748
Conc: 4.72 ng/ml



#11 alpha-Chlordane

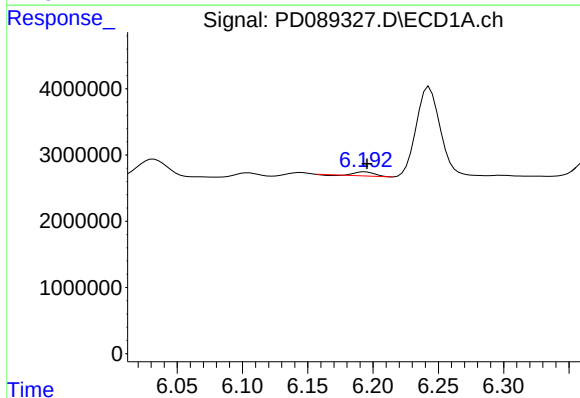
R.T.: 6.032 min
Delta R.T.: 0.005 min
Response: 4448908
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



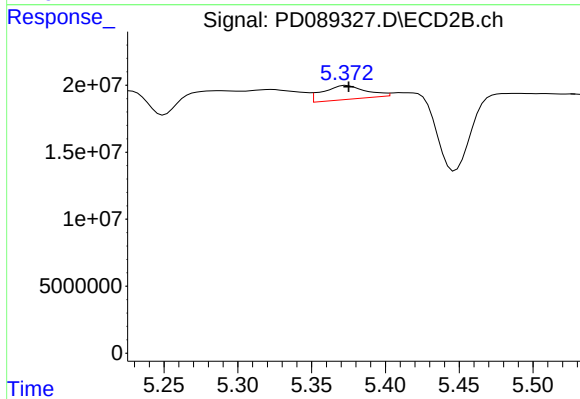
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.003 min
Response: 70135964
Conc: 3.06 ng/ml



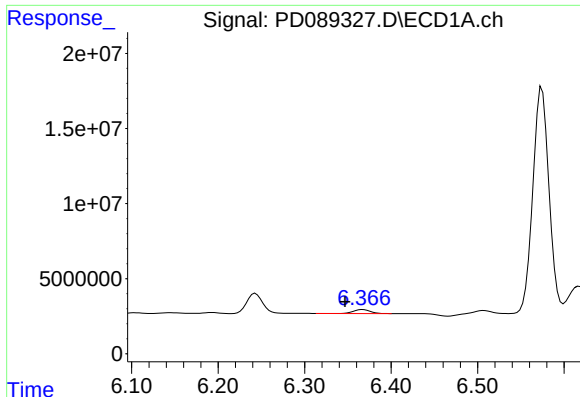
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.002 min
Response: 584157
Conc: 0.13 ng/ml



#12 4,4'-DDE

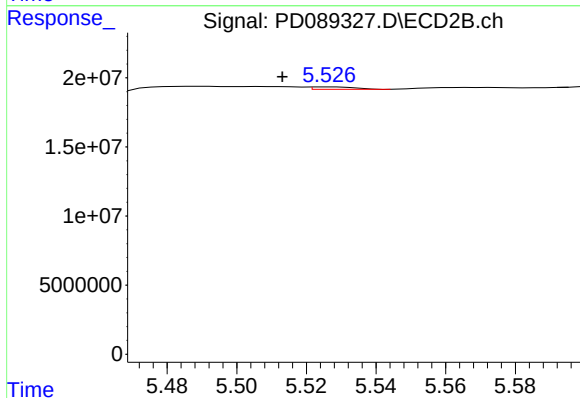
R.T.: 5.374 min
Delta R.T.: -0.001 min
Response: 20960378
Conc: 0.91 ng/ml



#13 Dieldrin

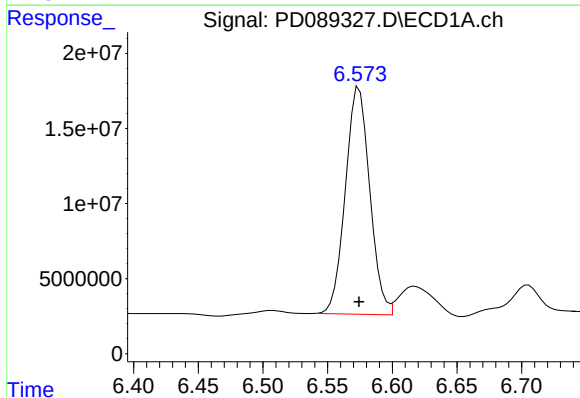
R.T.: 6.367 min
Delta R.T.: 0.020 min
Response: 3624971
Conc: 0.76 ng/ml

Instrument :
ECD_D
ClientSampleId :



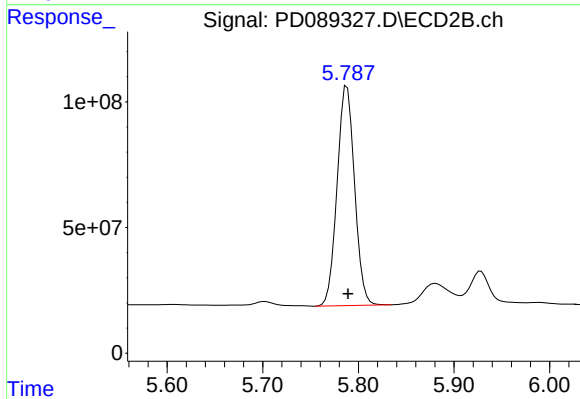
#13 Dieldrin

R.T.: 5.527 min
Delta R.T.: 0.014 min
Response: 1496849
Conc: 0.06 ng/ml



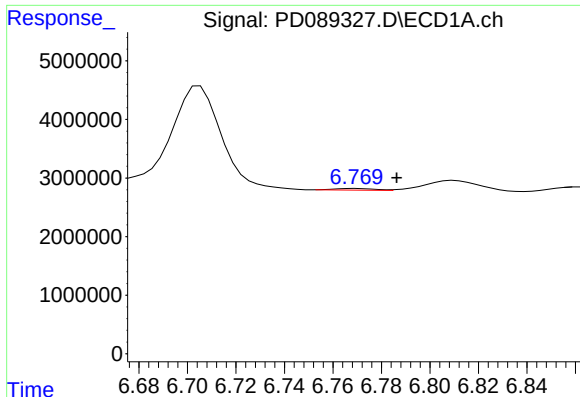
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 198227503
Conc: 48.05 ng/ml



#14 Endrin

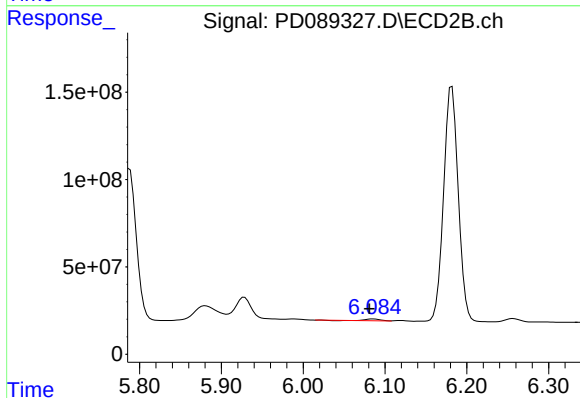
R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 1109184579
Conc: 51.08 ng/ml



#15 Endosulfan II

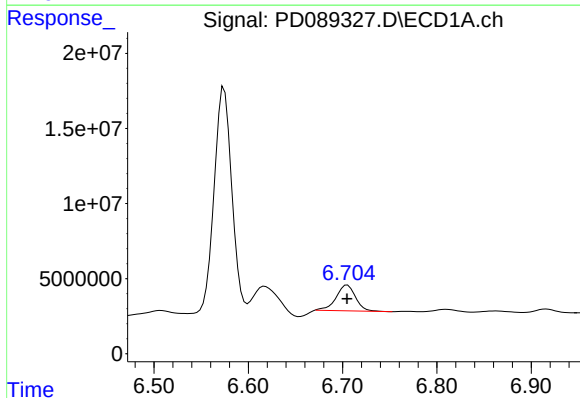
R.T.: 6.769 min
Delta R.T.: -0.017 min
Response: 336852
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



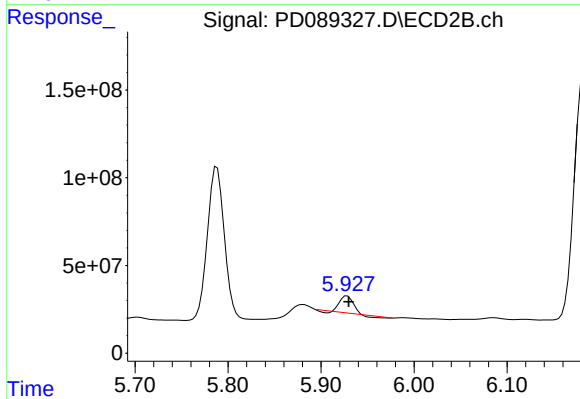
#15 Endosulfan II

R.T.: 6.086 min
Delta R.T.: 0.005 min
Response: 10953454
Conc: 0.54 ng/ml



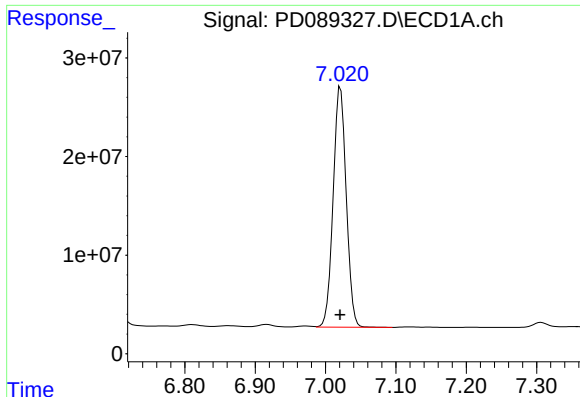
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 24532115
Conc: 7.15 ng/ml



#16 4,4'-DDD

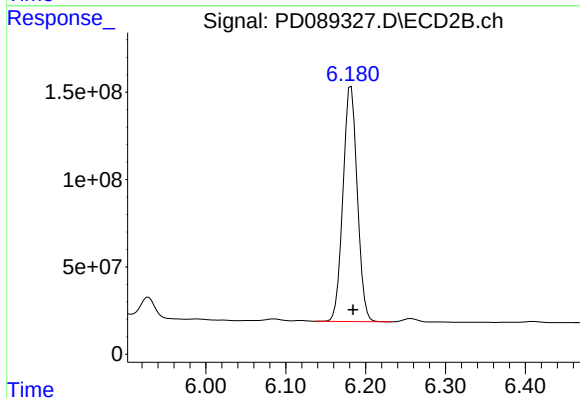
R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 81482801
Conc: 4.26 ng/ml



#17 4,4'-DDT

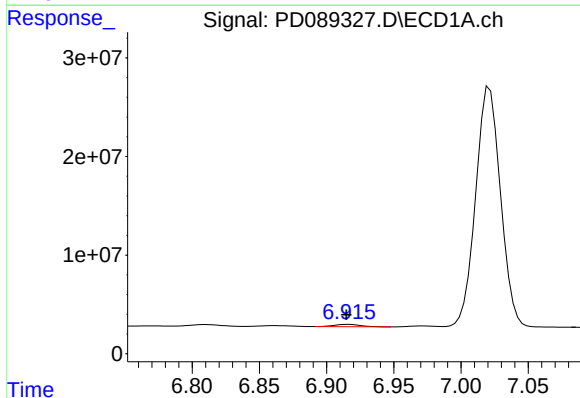
R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 314699781
Conc: 83.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



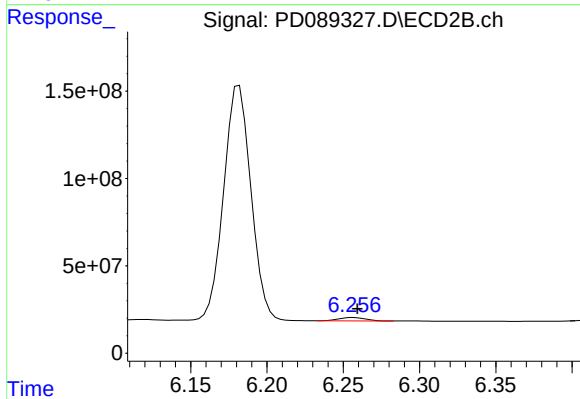
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 1677864534
Conc: 82.74 ng/ml



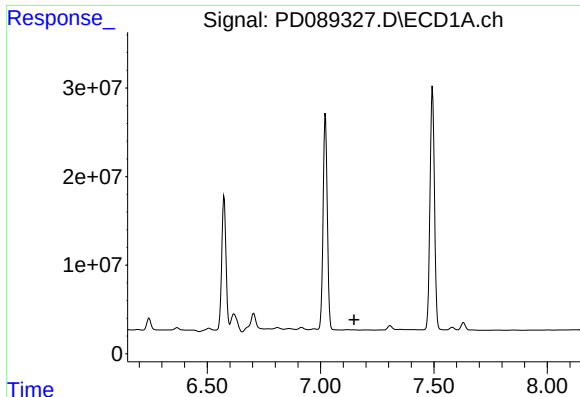
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.001 min
Response: 3278521
Conc: 1.07 ng/ml



#18 Endrin aldehyde

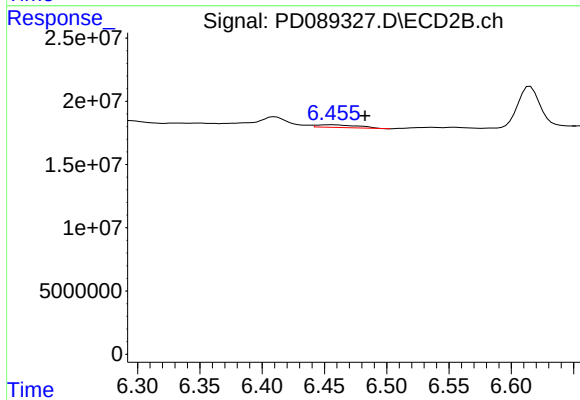
R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 24041555
Conc: 1.57 ng/ml



#19 Endosulfan Sulfate

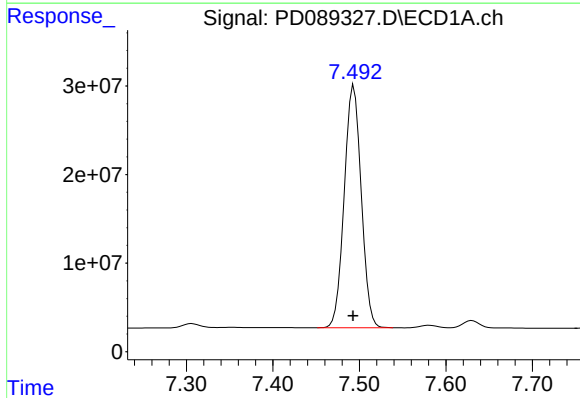
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



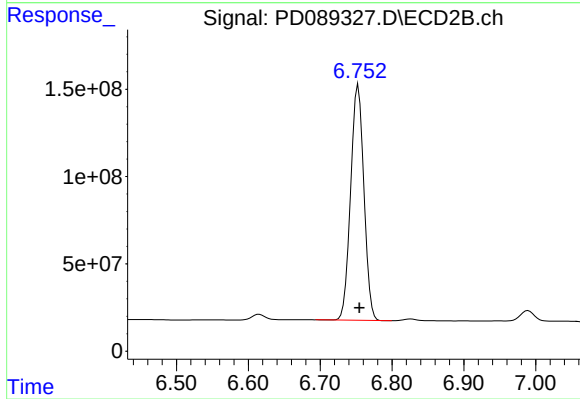
#19 Endosulfan Sulfate

R.T.: 6.456 min
Delta R.T.: -0.026 min
Response: 4841975
Conc: 0.25 ng/ml



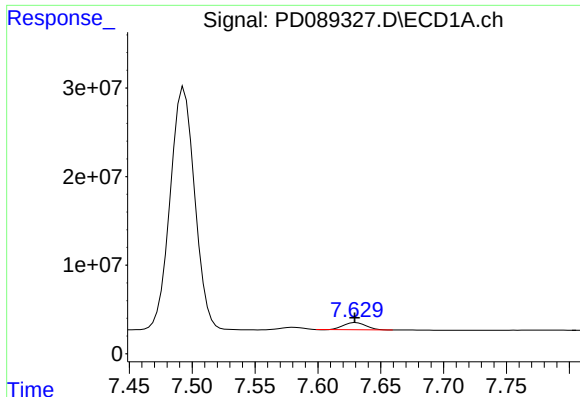
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 371490967
Conc: 183.85 ng/ml



#20 Methoxychlor

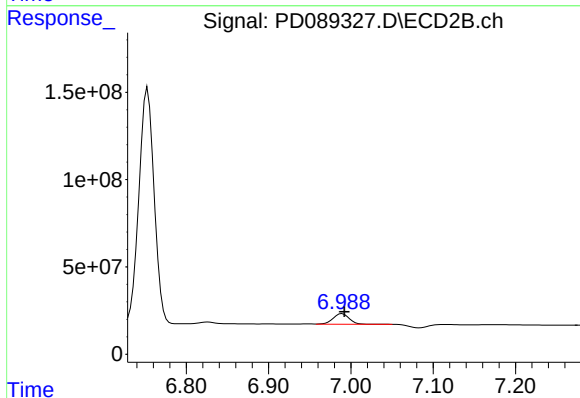
R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 1727740492
Conc: 160.45 ng/ml



#21 Endrin ketone

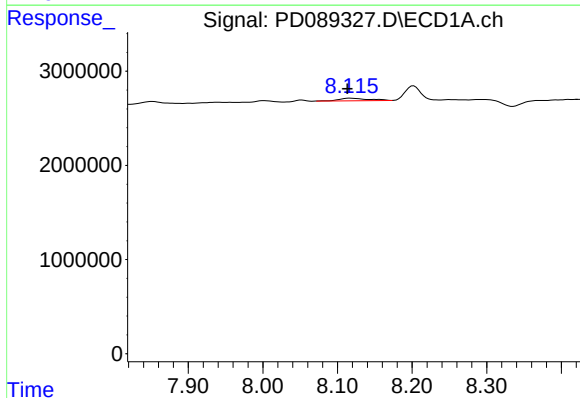
R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 10025133
Conc: 2.46 ng/ml

Instrument :
ECD_D
ClientSampleId :



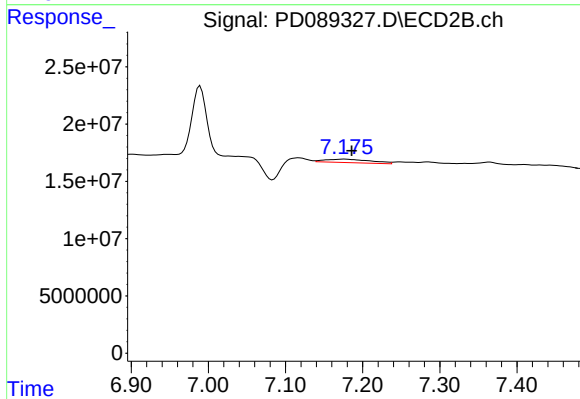
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 81701358
Conc: 3.78 ng/ml



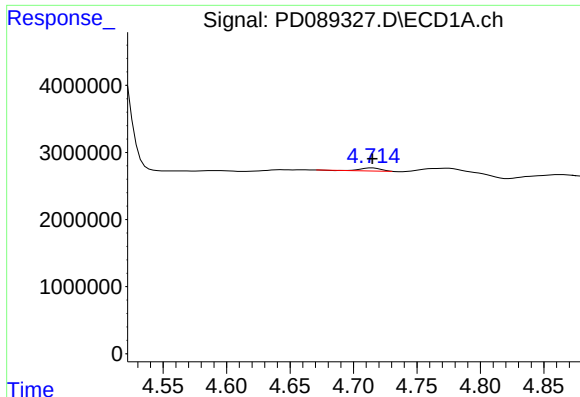
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.004 min
Response: 743752
Conc: 0.24 ng/ml



#22 Mirex

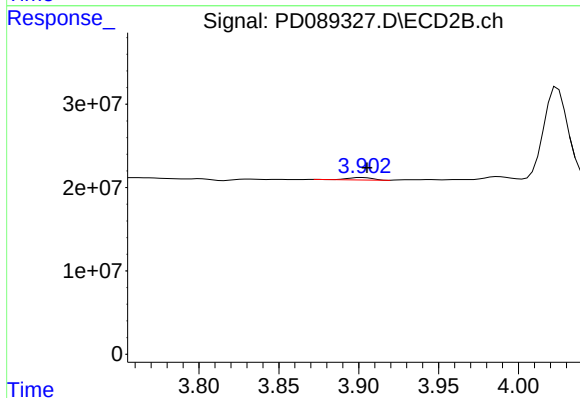
R.T.: 7.176 min
Delta R.T.: -0.010 min
Response: 12353214
Conc: 0.74 ng/ml



#23 Chlordane-1

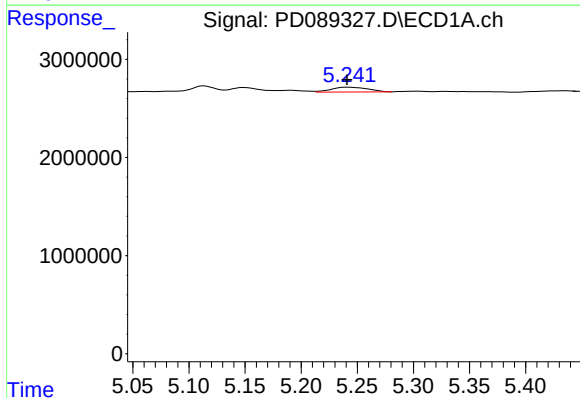
R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 469014
Conc: 2.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



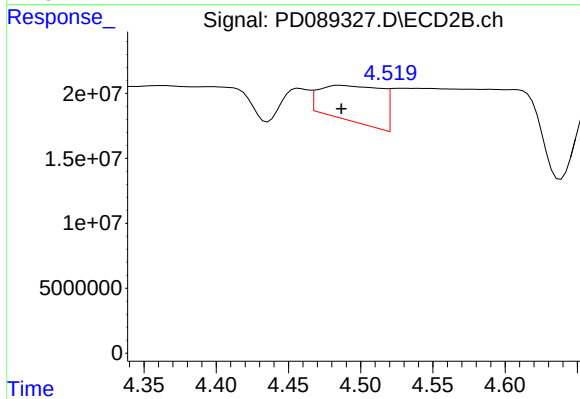
#23 Chlordane-1

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 3222291
Conc: 3.46 ng/ml



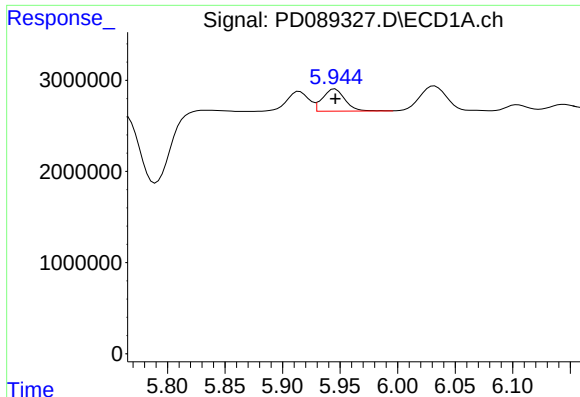
#24 Chlordane-2

R.T.: 5.242 min
Delta R.T.: 0.001 min
Response: 1089520
Conc: 4.99 ng/ml



#24 Chlordane-2

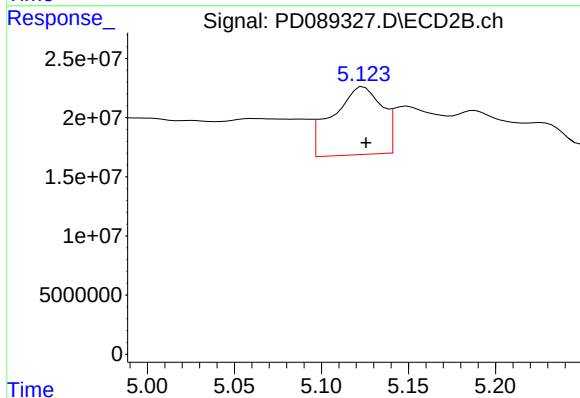
R.T.: 4.485 min
Delta R.T.: -0.002 min
Response: 82693467
Conc: 86.90 ng/ml



#25 Chlordane-3

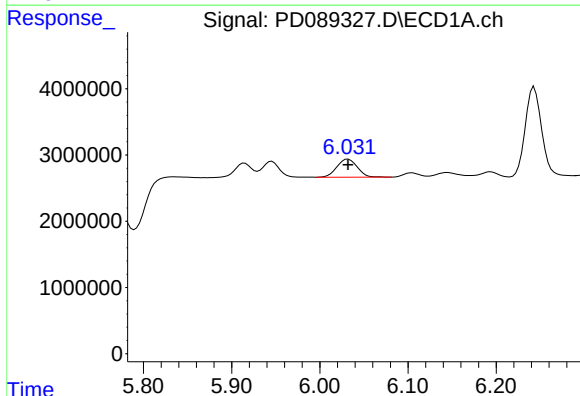
R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 3292283
Conc: 3.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



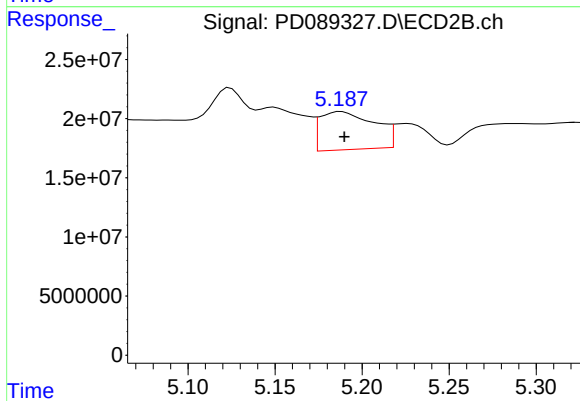
#25 Chlordane-3

R.T.: 5.124 min
Delta R.T.: -0.001 min
Response: 112926748
Conc: 38.02 ng/ml



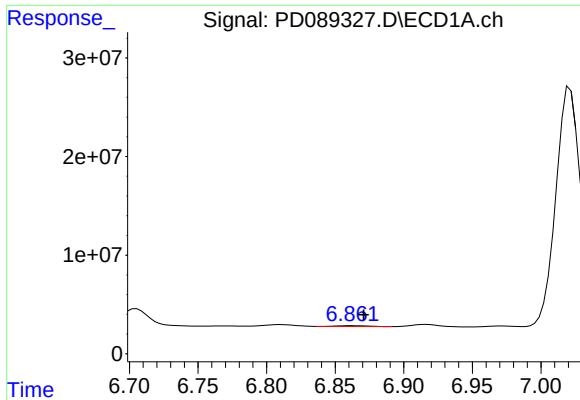
#26 Chlordane-4

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 4448908
Conc: 4.23 ng/ml



#26 Chlordane-4

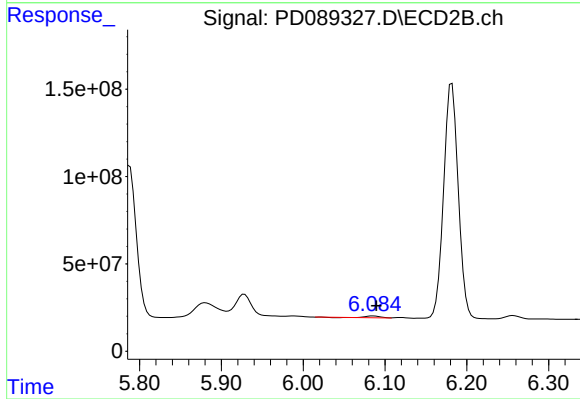
R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 70135964
Conc: 27.98 ng/ml



#27 Chlordane-5

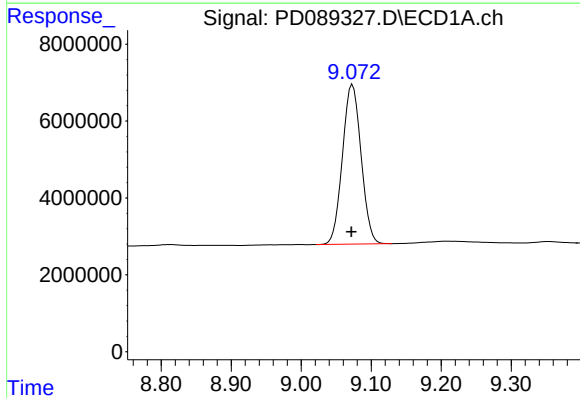
R.T.: 6.862 min
Delta R.T.: -0.009 min
Response: 1388529
Conc: 7.60 ng/ml

Instrument :
ECD_D
ClientSampleId :



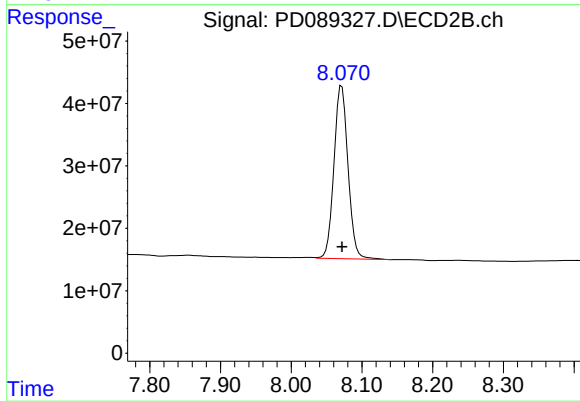
#27 Chlordane-5

R.T.: 6.086 min
Delta R.T.: -0.004 min
Response: 10953454
Conc: 9.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.001 min
Response: 76793160
Conc: 19.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: 0.000 min
Response: 382138933
Conc: 19.33 ng/ml