

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071425\
 Data File : PD089474.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2025 10:57
 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 23 08:29:36 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...	3.554	2.879	60873171	399.4E6	21.336	23.561
28)	SA Decachlor...	9.074	8.070	80625579	421.1E6	20.528	21.301
Target Compounds							
2)	A alpha-BHC	4.003	3.392	57794010	339.6E6	9.915	12.674 #
3)	MA gamma-BHC...	4.334	3.728	58276717	297.3E6	10.441	12.010
4)	MA Heptachlor	0.000	4.081	0	1485032	N.D.	0.059 #
5)	MB Aldrin	0.000	4.363	0	1349761	N.D.	0.056 #
6)	B beta-BHC	4.519	4.024	24755956	131.5E6	11.216	12.240
7)	B delta-BHC	4.766	4.261	742173	361475	0.145	0.015 #
8)	B Heptachlo...	5.684	4.868	2509777	19846430	0.520	0.906 #
9)	A Endosulfan I	0.000	5.227f	0	5896452	N.D.	0.283 #
10)	B gamma-Chl...	5.945	5.125	436777	32011570	0.091	1.338 #
11)	B alpha-Chl...	6.035	5.188	1157555	15341518	0.239	0.670 #
12)	B 4,4'-DDE	6.199	5.374	396394	4589258	0.091	0.200 #
13)	MA Dieldrin	6.370f	5.497f	1190894	1511657	0.248	0.065 #
14)	MA Endrin	6.577	5.788	210.0E6	1127.7E6	50.903	51.935
15)	B Endosulfa...	6.774	6.086	703288	7400608	0.174	0.366 #
16)	A 4,4'-DDD	6.707	5.928	13527469	83196662	3.942	4.349
17)	MA 4,4'-DDT	7.024	6.182	369.2E6	1988.7E6	97.472	98.063
18)	B Endrin al...	6.918	6.256	1728866	19323535	0.564	1.262 #
19)	B Endosulfa...	0.000	6.460f	0	1743461	N.D.	0.089 #
20)	A Methoxychlor	7.496	6.753	442.2E6	2037.7E6	218.840	189.231
21)	B Endrin ke...	7.632	6.989	6713465	75188869	1.648	3.481 #
22)	Mirex	8.116	7.176	61561	15303478	0.020	0.918 #
23)	Chlordane-1	0.000	3.900	0	1214483	N.D.	1.303 #
24)	Chlordane-2	0.000	4.489	0	16052474	N.D.	16.869 #
25)	Chlordane-3	5.945	5.125	436777	32011570	0.506	10.778 #
26)	Chlordane-4	6.035	5.188	1157555	15341518	1.102	6.120 #
27)	Chlordane-5	6.874	6.086	16611	7400608	0.091	6.540 #

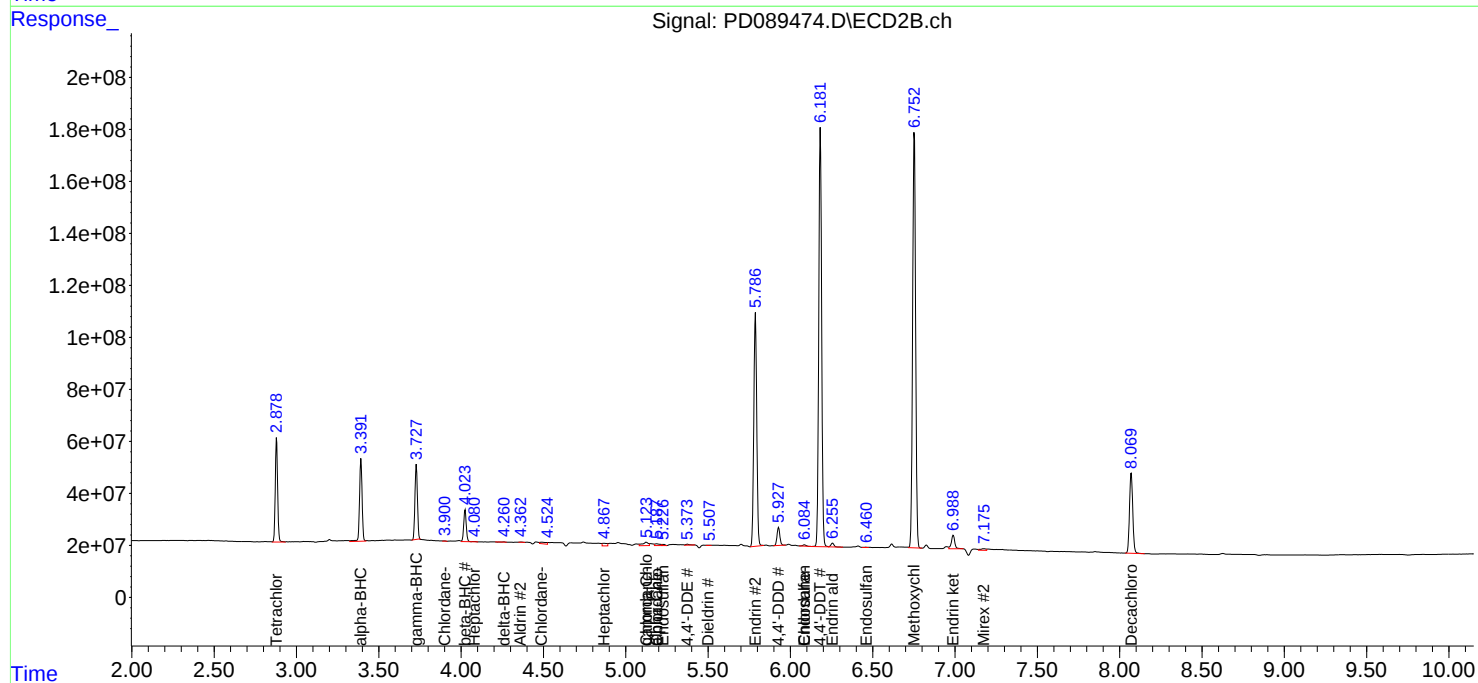
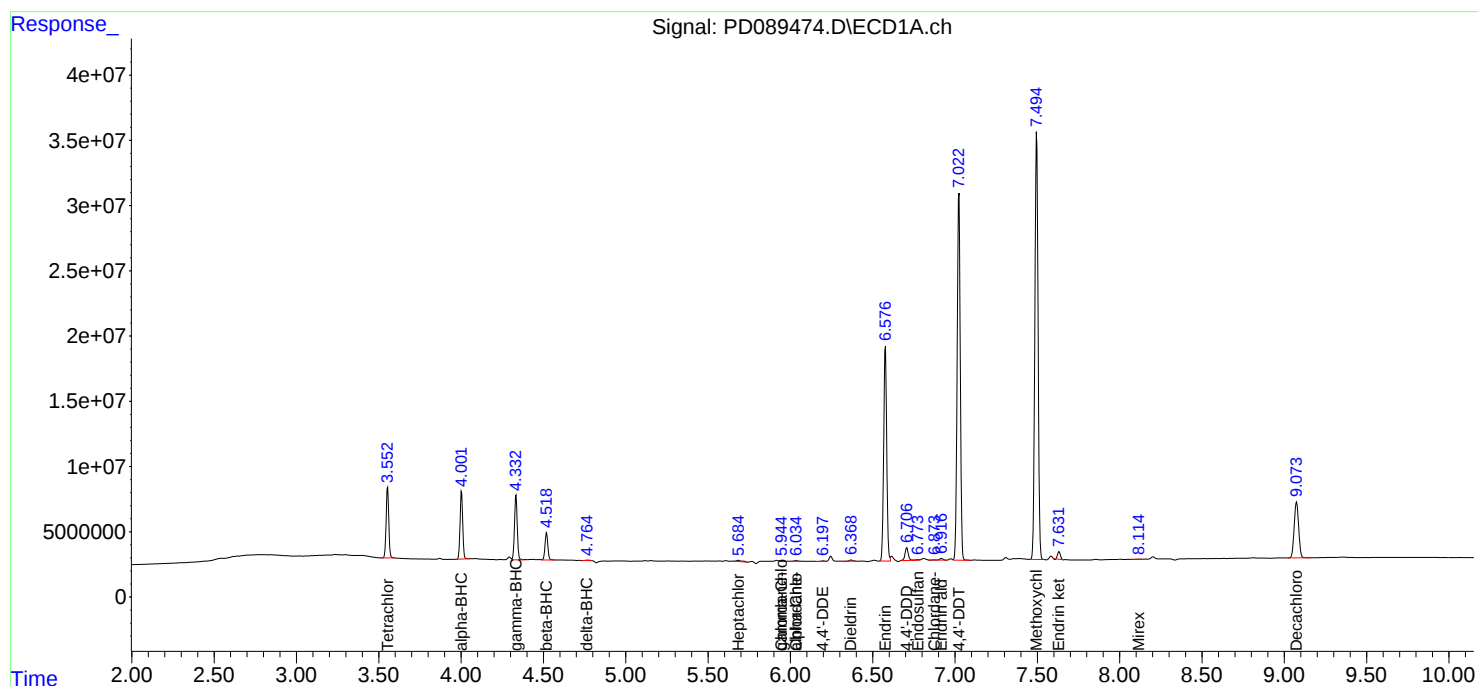
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

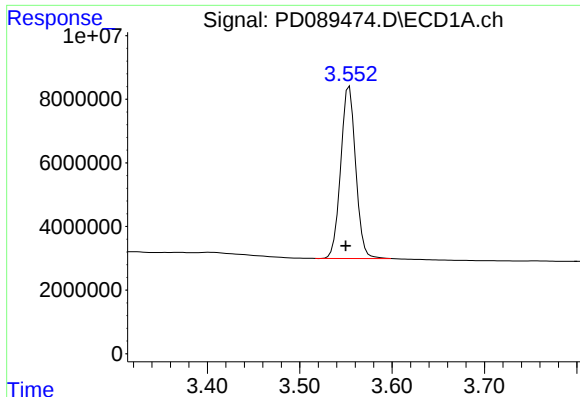
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071425\
Data File : PD089474.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2025 10:57
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 08:29:36 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

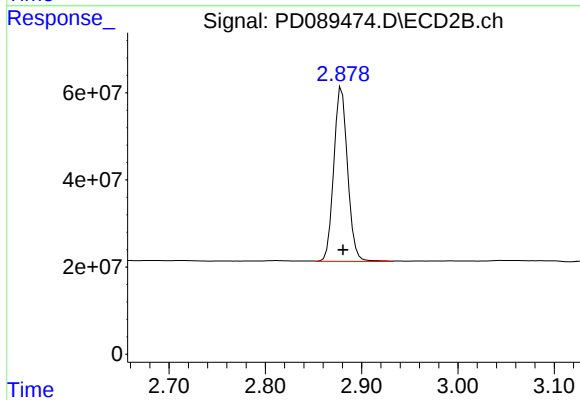




#1 Tetrachloro-m-xylene

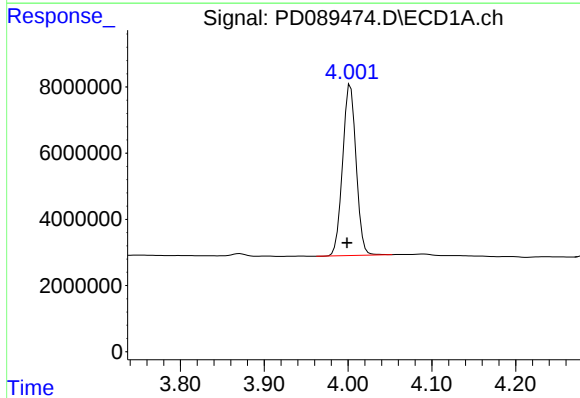
R.T.: 3.554 min
Delta R.T.: 0.004 min
Response: 60873171
Conc: 21.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



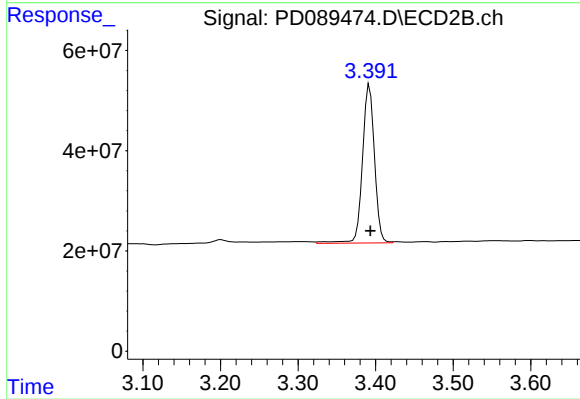
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.001 min
Response: 399426454
Conc: 23.56 ng/ml



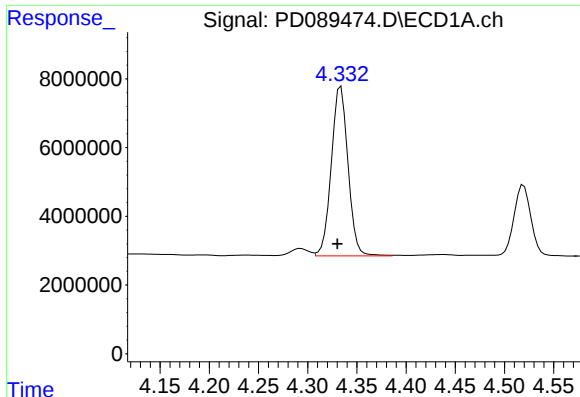
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.004 min
Response: 57794010
Conc: 9.91 ng/ml



#2 alpha-BHC

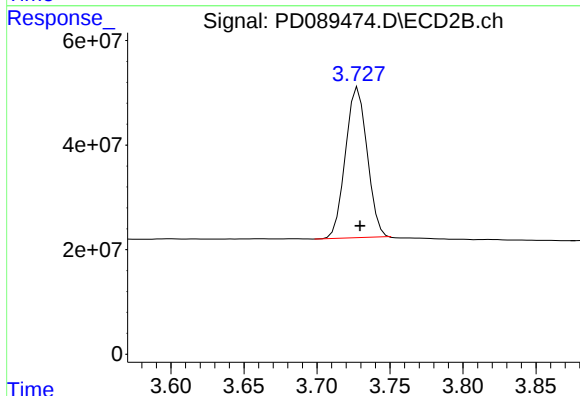
R.T.: 3.392 min
Delta R.T.: -0.001 min
Response: 339619565
Conc: 12.67 ng/ml



#3 gamma-BHC (Lindane)

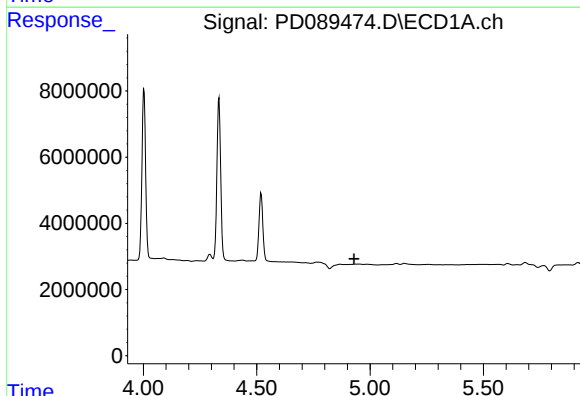
R.T.: 4.334 min
Delta R.T.: 0.004 min
Response: 58276717
Conc: 10.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



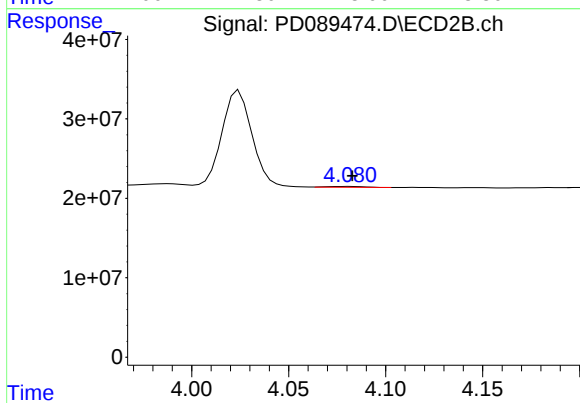
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.001 min
Response: 297342863
Conc: 12.01 ng/ml



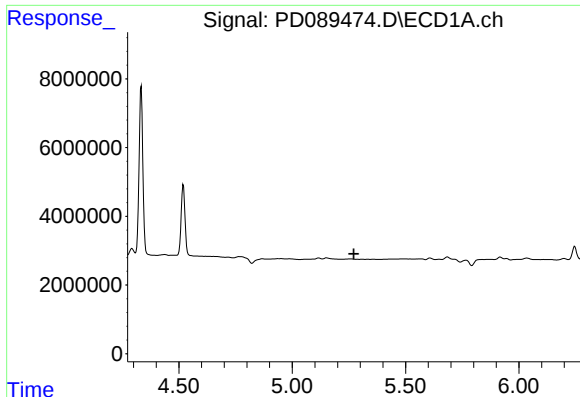
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.929 min
Response: 0
Conc: N.D.



#4 Heptachlor

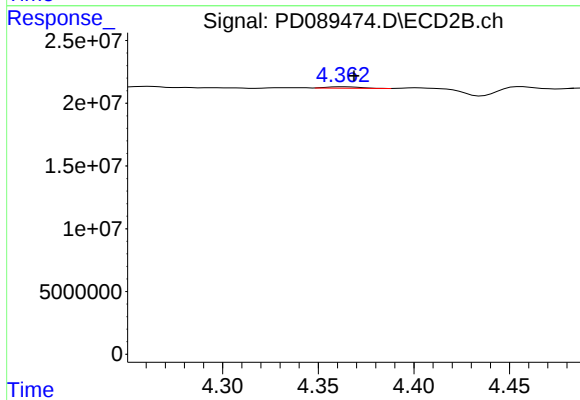
R.T.: 4.081 min
Delta R.T.: -0.002 min
Response: 1485032
Conc: 0.06 ng/ml



#5 Aldrin

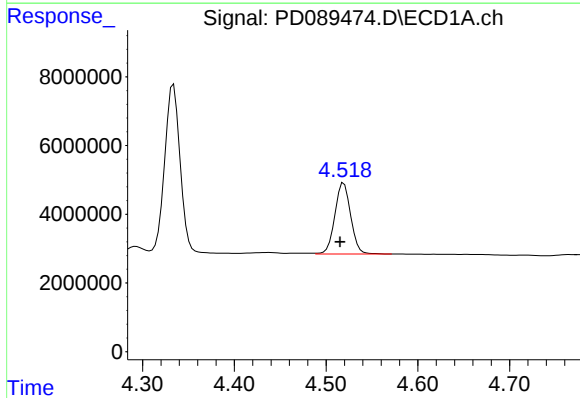
R.T.: 0.000 min
Exp R.T.: 5.271 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



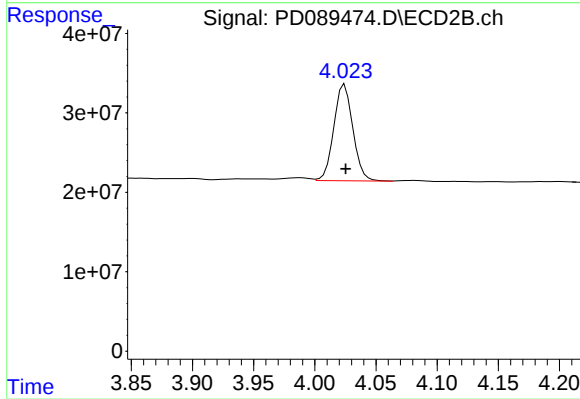
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: -0.006 min
Response: 1349761
Conc: 0.06 ng/ml



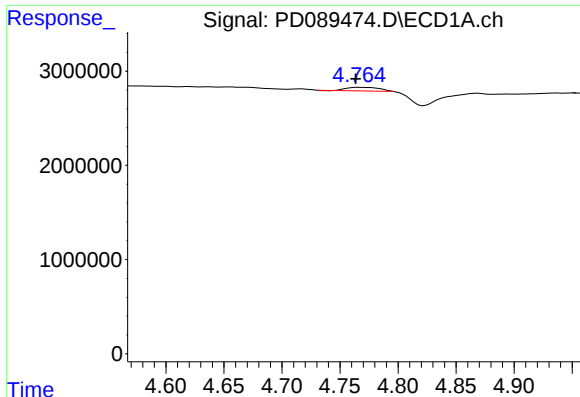
#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: 0.004 min
Response: 24755956
Conc: 11.22 ng/ml



#6 beta-BHC

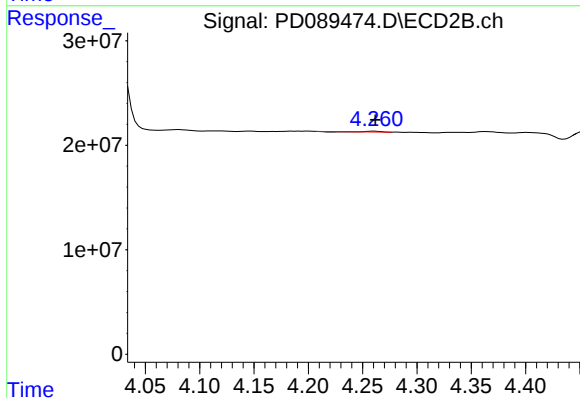
R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 131536304
Conc: 12.24 ng/ml



#7 delta-BHC

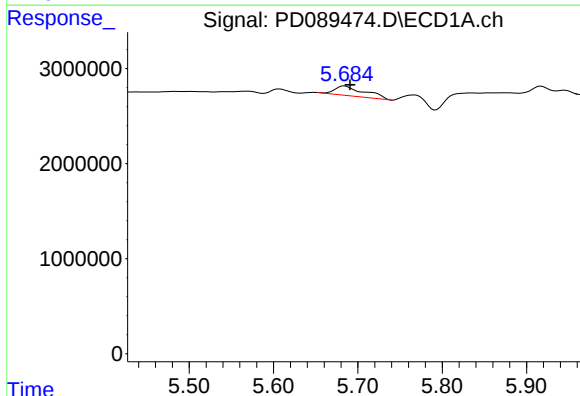
R.T.: 4.766 min
Delta R.T.: 0.002 min
Response: 742173
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



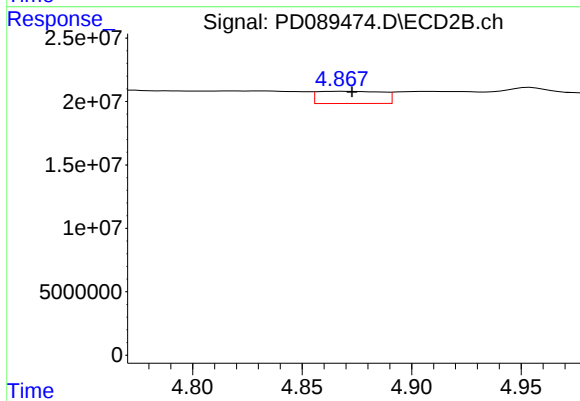
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: 0.000 min
Response: 361475
Conc: 0.01 ng/ml



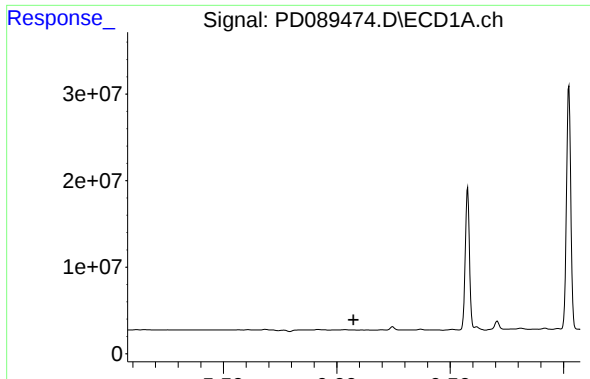
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.007 min
Response: 2509777
Conc: 0.52 ng/ml



#8 Heptachlor epoxide

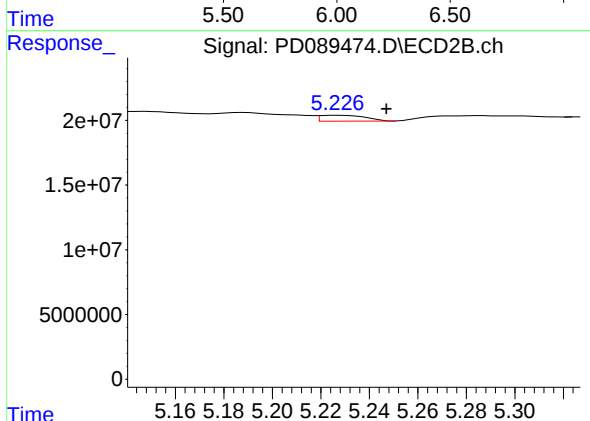
R.T.: 4.868 min
Delta R.T.: -0.004 min
Response: 19846430
Conc: 0.91 ng/ml



#9 Endosulfan I

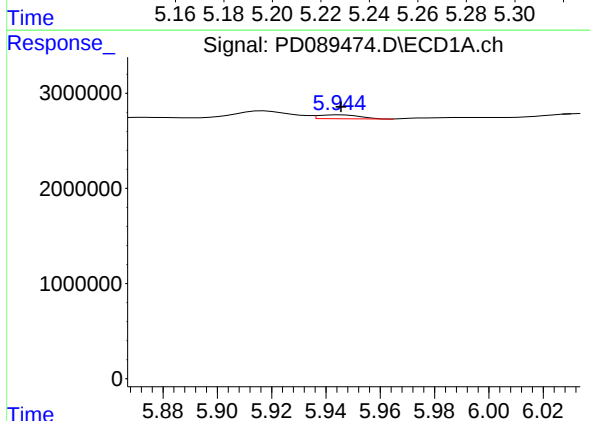
R.T.: 0.000 min
Exp R.T.: 6.074 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



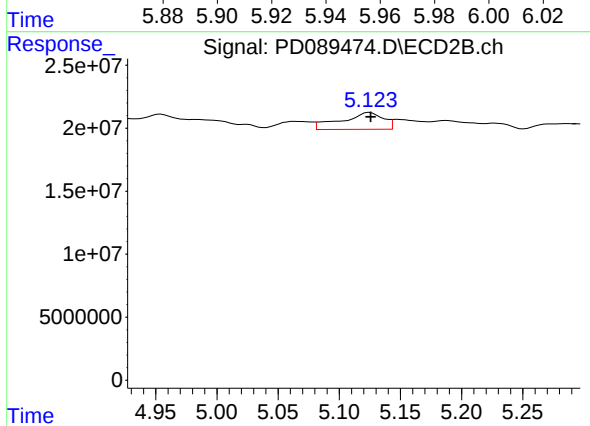
#9 Endosulfan I

R.T.: 5.227 min
Delta R.T.: -0.020 min
Response: 5896452
Conc: 0.28 ng/ml



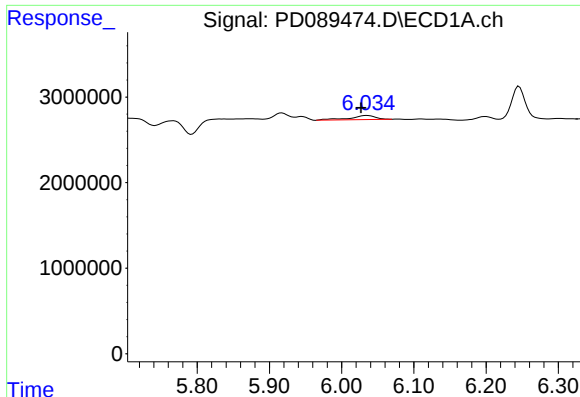
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 436777
Conc: 0.09 ng/ml



#10 gamma-Chlordane

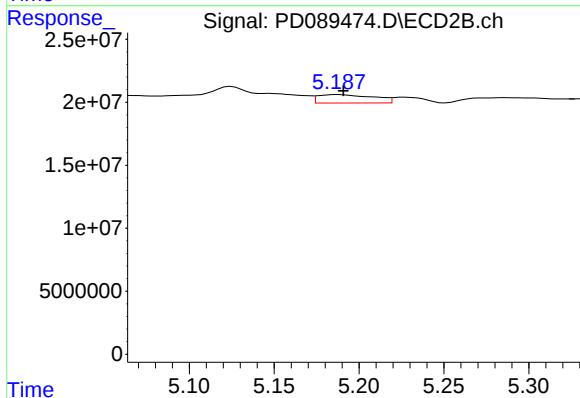
R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 32011570
Conc: 1.34 ng/ml



#11 alpha-Chlordane

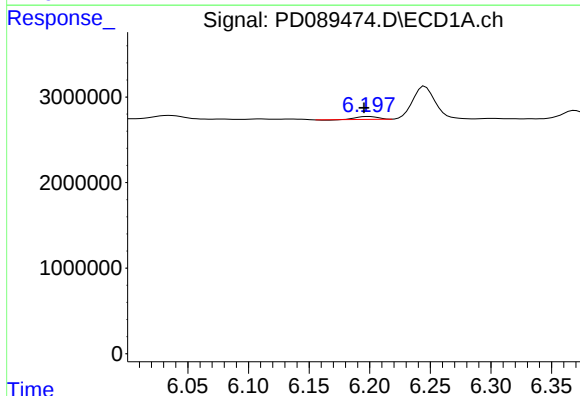
R.T.: 6.035 min
Delta R.T.: 0.008 min
Response: 1157555
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



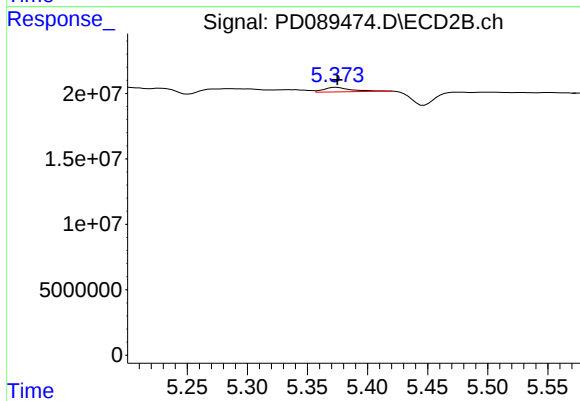
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.003 min
Response: 15341518
Conc: 0.67 ng/ml



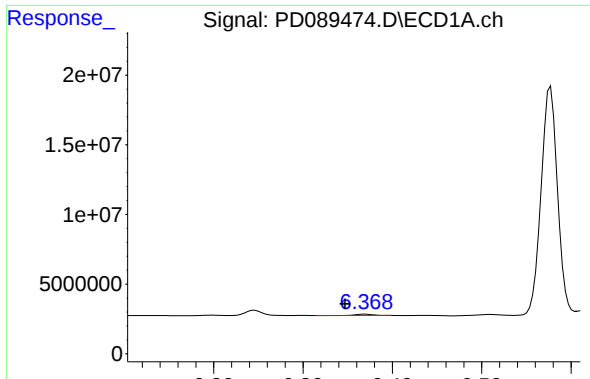
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.004 min
Response: 396394
Conc: 0.09 ng/ml



#12 4,4'-DDE

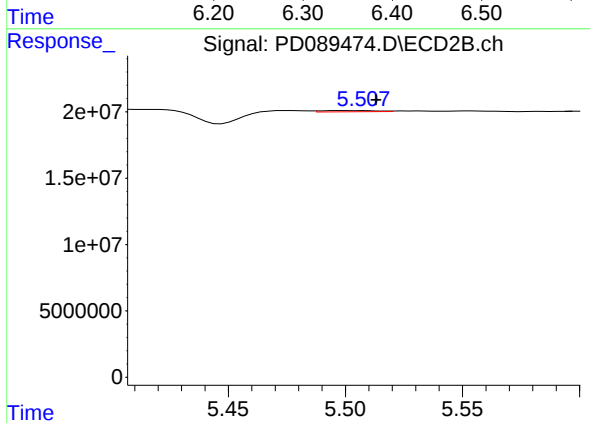
R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 4589258
Conc: 0.20 ng/ml



#13 Dieldrin

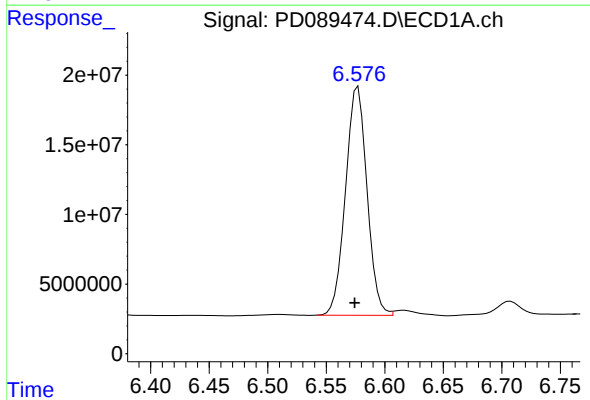
R.T.: 6.370 min
Delta R.T.: 0.023 min
Response: 1190894
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



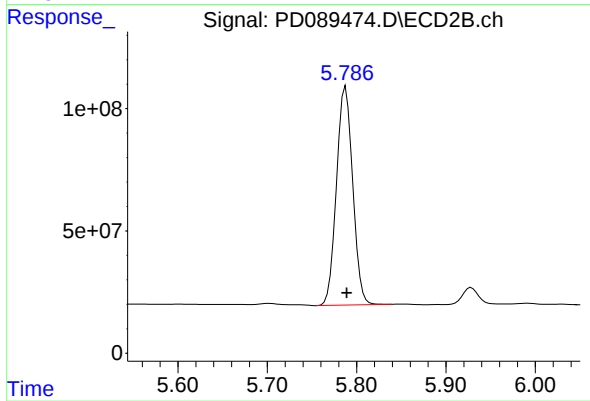
#13 Dieldrin

R.T.: 5.497 min
Delta R.T.: -0.016 min
Response: 1511657
Conc: 0.07 ng/ml



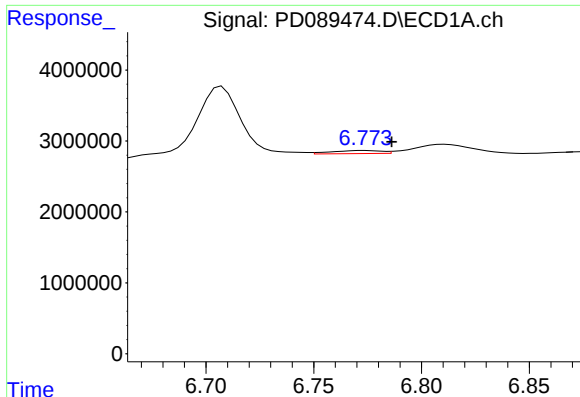
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.003 min
Response: 210003616
Conc: 50.90 ng/ml



#14 Endrin

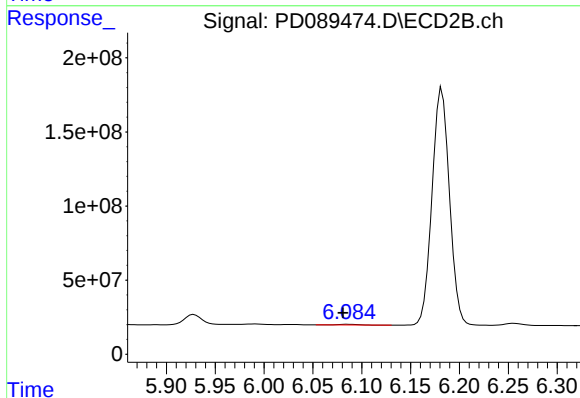
R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 1127711151
Conc: 51.93 ng/ml



#15 Endosulfan II

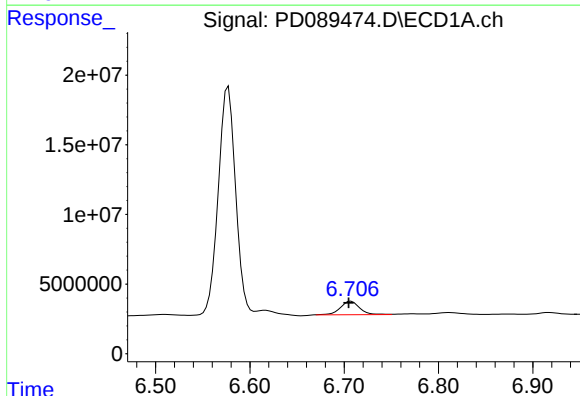
R.T.: 6.774 min
Delta R.T.: -0.012 min
Response: 703288
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



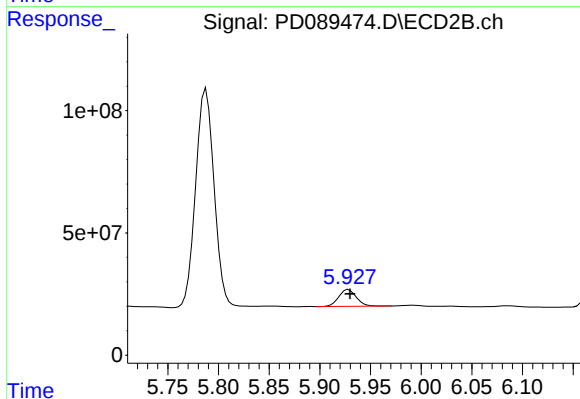
#15 Endosulfan II

R.T.: 6.086 min
Delta R.T.: 0.005 min
Response: 7400608
Conc: 0.37 ng/ml



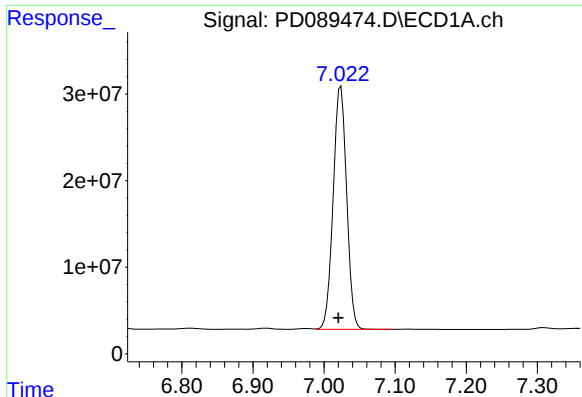
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.003 min
Response: 13527469
Conc: 3.94 ng/ml



#16 4,4'-DDD

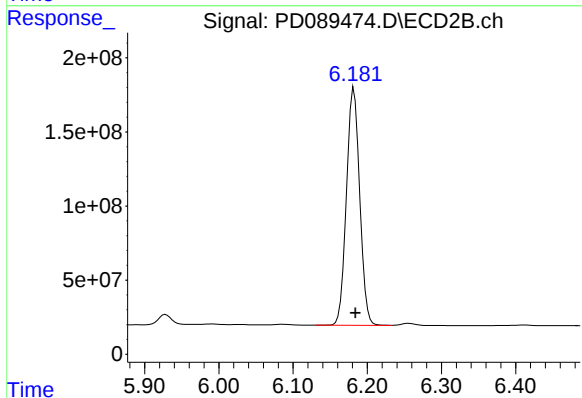
R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 83196662
Conc: 4.35 ng/ml



#17 4,4'-DDT

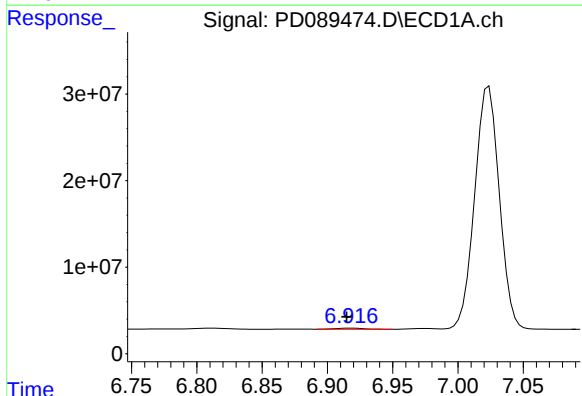
R.T.: 7.024 min
Delta R.T.: 0.003 min
Response: 369243475
Conc: 97.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



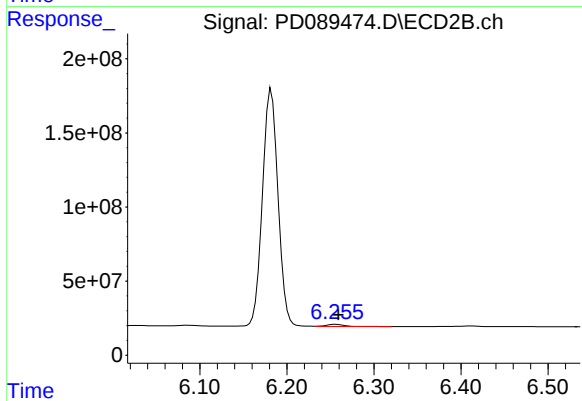
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 1988653547
Conc: 98.06 ng/ml



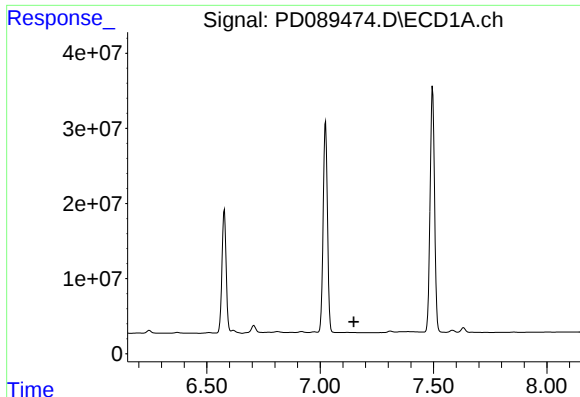
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: 0.003 min
Response: 1728866
Conc: 0.56 ng/ml



#18 Endrin aldehyde

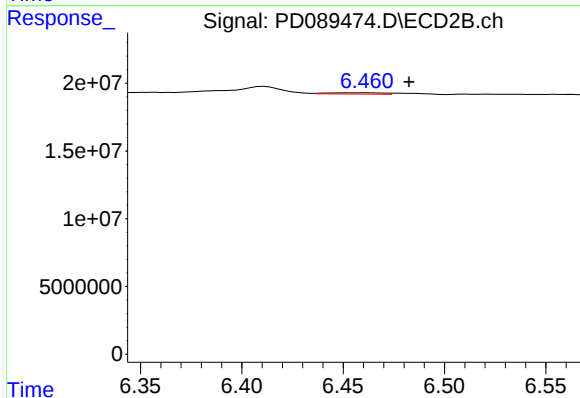
R.T.: 6.256 min
Delta R.T.: -0.003 min
Response: 19323535
Conc: 1.26 ng/ml



#19 Endosulfan Sulfate

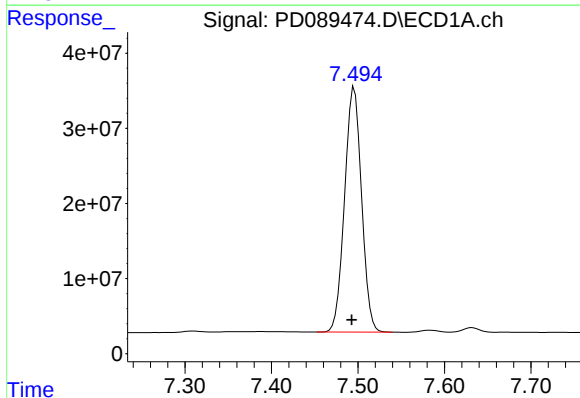
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



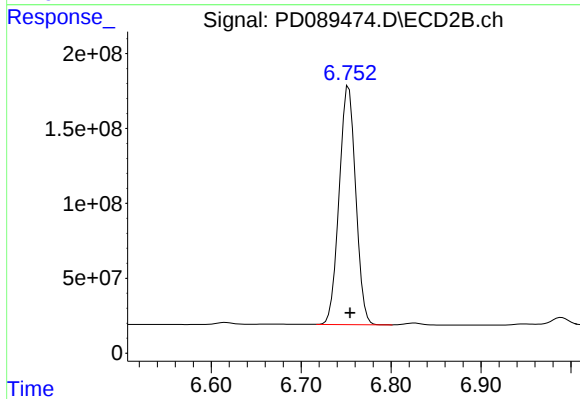
#19 Endosulfan Sulfate

R.T.: 6.460 min
Delta R.T.: -0.022 min
Response: 1743461
Conc: 0.09 ng/ml



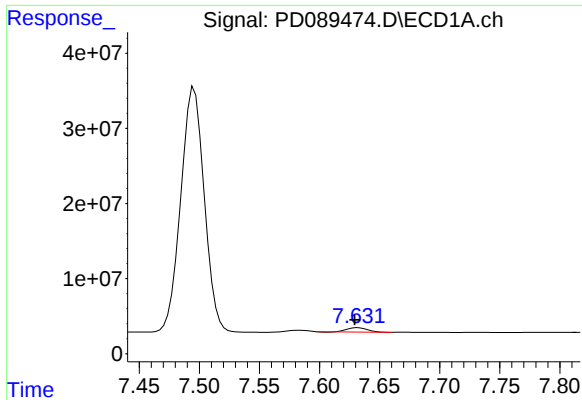
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: 0.003 min
Response: 442194041
Conc: 218.84 ng/ml



#20 Methoxychlor

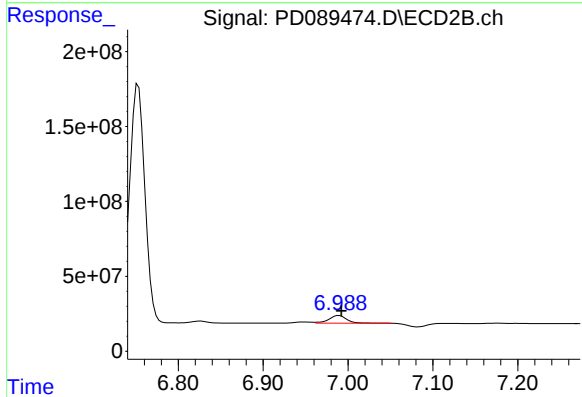
R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 2037655901
Conc: 189.23 ng/ml



#21 Endrin ketone

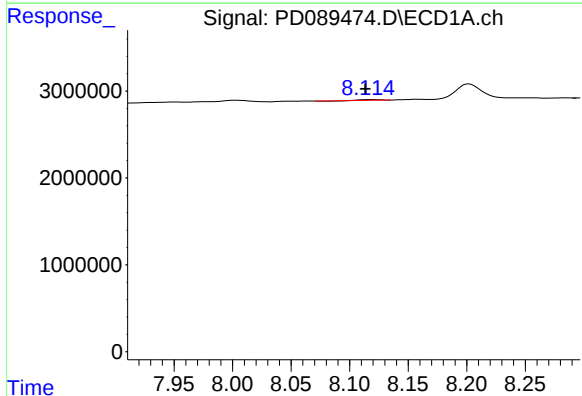
R.T.: 7.632 min
Delta R.T.: 0.002 min
Response: 6713465
Conc: 1.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



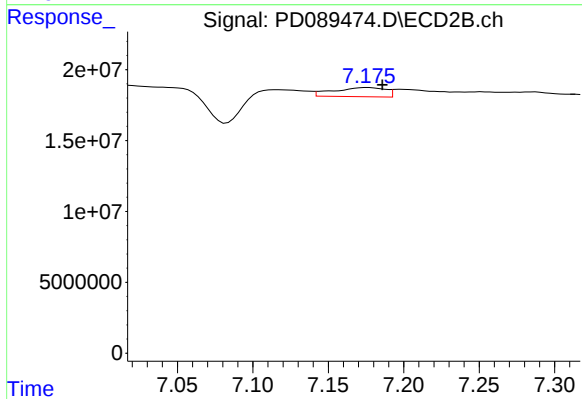
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 75188869
Conc: 3.48 ng/ml



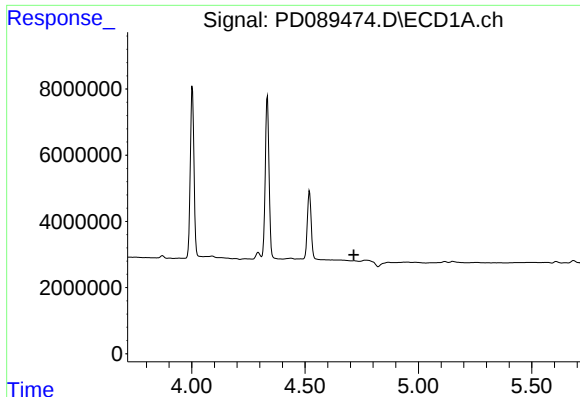
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.003 min
Response: 61561
Conc: 0.02 ng/ml



#22 Mirex

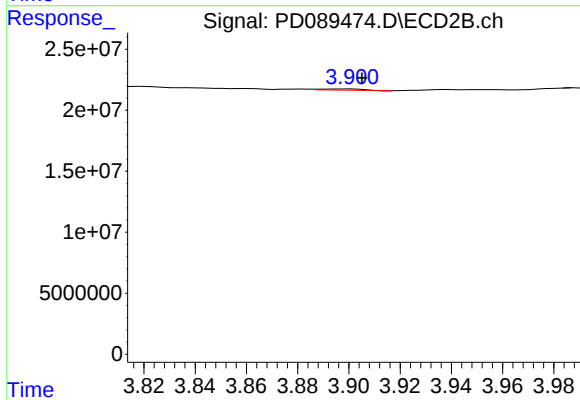
R.T.: 7.176 min
Delta R.T.: -0.009 min
Response: 15303478
Conc: 0.92 ng/ml



#23 Chlordane-1

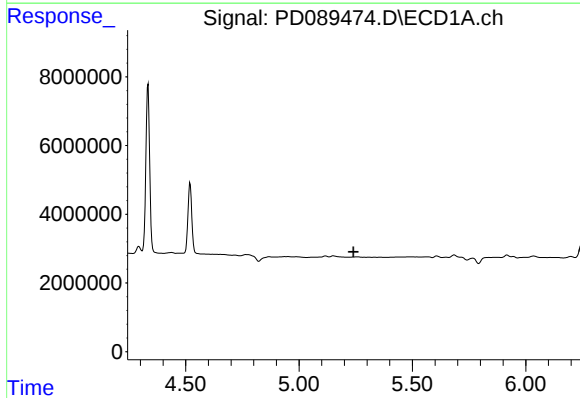
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



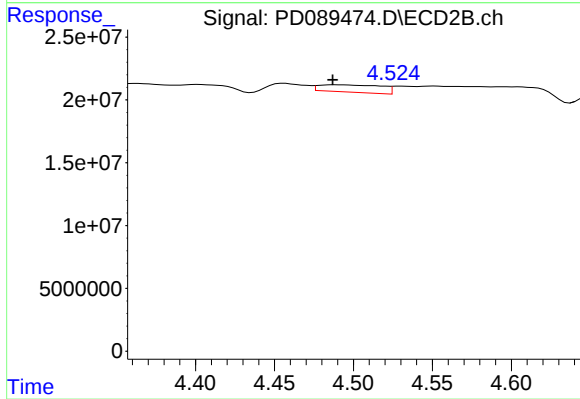
#23 Chlordane-1

R.T.: 3.900 min
Delta R.T.: -0.005 min
Response: 1214483
Conc: 1.30 ng/ml



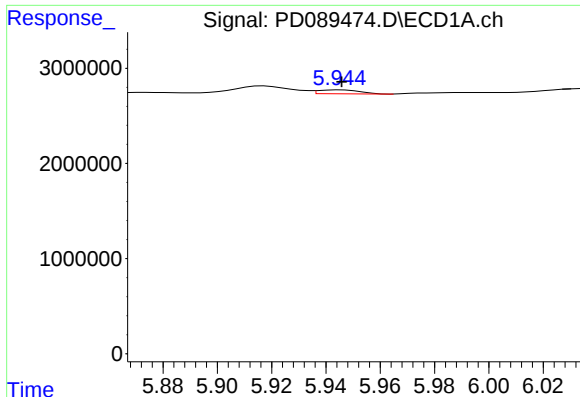
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.241 min
Response: 0
Conc: N.D.



#24 Chlordane-2

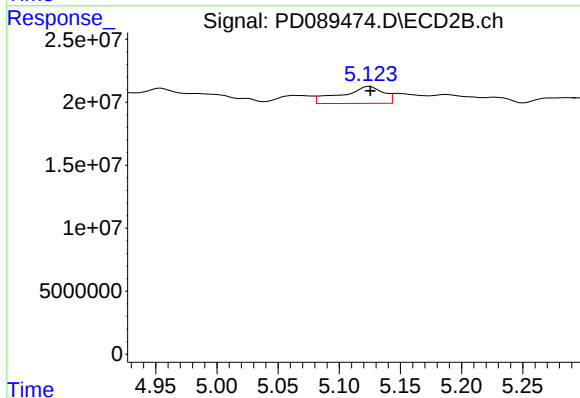
R.T.: 4.489 min
Delta R.T.: 0.002 min
Response: 16052474
Conc: 16.87 ng/ml



#25 Chlordane-3

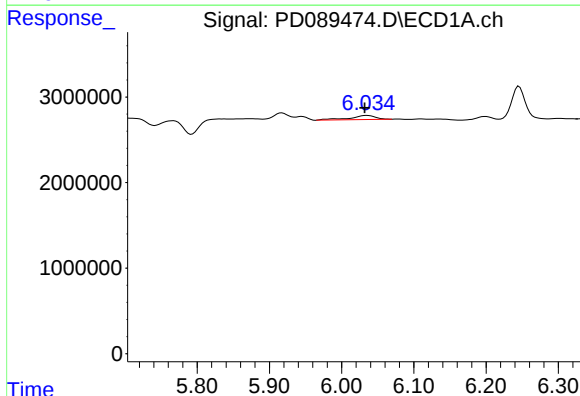
R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 436777
Conc: 0.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



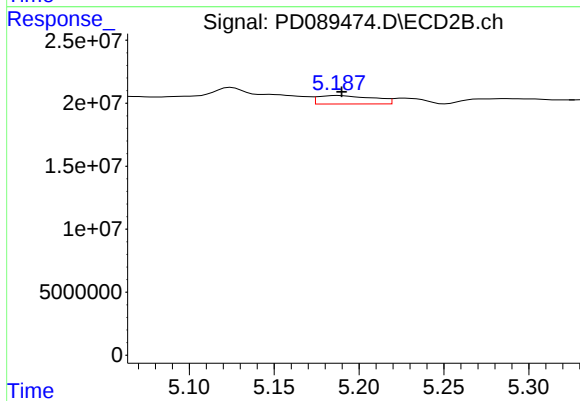
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 32011570
Conc: 10.78 ng/ml



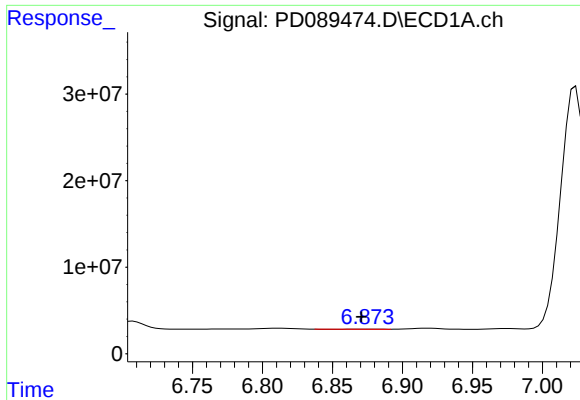
#26 Chlordane-4

R.T.: 6.035 min
Delta R.T.: 0.003 min
Response: 1157555
Conc: 1.10 ng/ml



#26 Chlordane-4

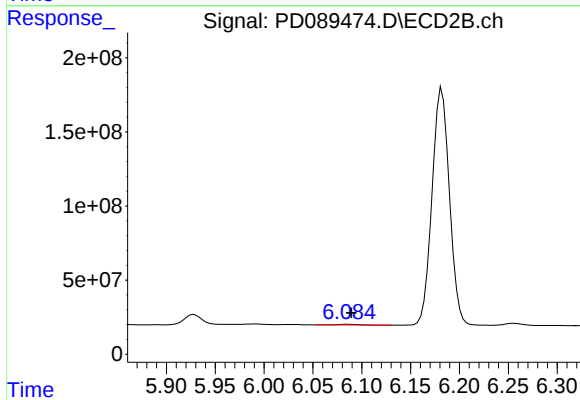
R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 15341518
Conc: 6.12 ng/ml



#27 Chlordane-5

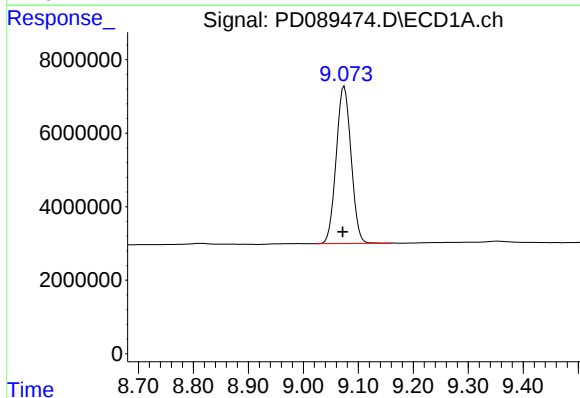
R.T.: 6.874 min
Delta R.T.: 0.004 min
Response: 16611
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



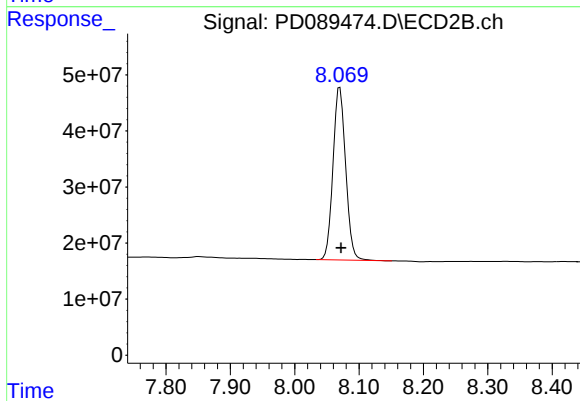
#27 Chlordane-5

R.T.: 6.086 min
Delta R.T.: -0.004 min
Response: 7400608
Conc: 6.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.002 min
Response: 80625579
Conc: 20.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: -0.002 min
Response: 421124379
Conc: 21.30 ng/ml