

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050825\
 Data File : PD088433.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2025 16:47
 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: May 09 02:04:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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	2.882	45278956	330.3E6	22.669	22.591
28)	SA Decachlor...	9.076	8.075	81700977	442.3E6	24.697	23.935
Target Compounds							
2)	A alpha-BHC	3.999	3.394	44822008	270.4E6	10.395	11.827
3)	MA gamma-BHC...	4.331	3.731	44445079	253.9E6	10.614	11.788
4)	MA Heptachlor	4.932	4.082	326002	1380167	0.081	0.064
5)	MB Aldrin	5.244f	4.365	345541	4400946	0.087	0.212 #
6)	B beta-BHC	4.516	4.027	19138047	114.1E6	11.789	12.326
7)	B delta-BHC	4.779	4.269	4314214	1114736	1.046	0.052 #
8)	B Heptachlo...	5.683	4.880	545873	417301	0.153	0.022 #
9)	A Endosulfan I	6.088	5.233f	390540	5077108	0.116	0.282 #
10)	B gamma-Chl...	5.948	5.130	3620256	8647174	1.000	0.426 #
11)	B alpha-Chl...	6.035	5.193	2762942	10083527	0.765	0.514 #
12)	B 4,4'-DDE	6.200	5.382	85925	9077520	0.026	0.461 #
13)	MA Dieldrin	6.366f	5.518	172240	520996	0.048	0.026 #
14)	MA Endrin	6.576	5.791	175.7E6	1012.8E6	58.898	55.640
15)	B Endosulfa...	6.771f	6.088	613868	3448657	0.196	0.197
16)	A 4,4'-DDD	6.706	5.938	1501340	11148738	0.597	0.680
17)	MA 4,4'-DDT	7.023	6.186	330.7E6	1836.5E6	119.048	107.923
18)	B Endrin al...	6.919	6.260	533592	10452820	0.231	0.786 #
19)	B Endosulfa...	0.000	6.491	0	340576	N.D.	0.020 #
20)	A Methoxychlor	7.495	6.757	408.4E6	2045.4E6	272.324	224.251
21)	B Endrin ke...	7.631	6.993	870916	14652137	0.282	0.783 #
22)	Mirex	0.000	7.181	0	4451984	N.D.	0.300 #
23)	Chlordane-1	0.000	3.904	0	1009644	N.D.	1.259 #
24)	Chlordane-2	5.244	4.493	345541	15586533	2.075	18.886 #
25)	Chlordane-3	5.948	5.130	3620256	8647174	5.367	3.419 #
26)	Chlordane-4	6.035	5.193	2762942	10083527	3.389	4.716 #
27)	Chlordane-5	6.873	6.088	254405	3448657	1.872	3.572 #

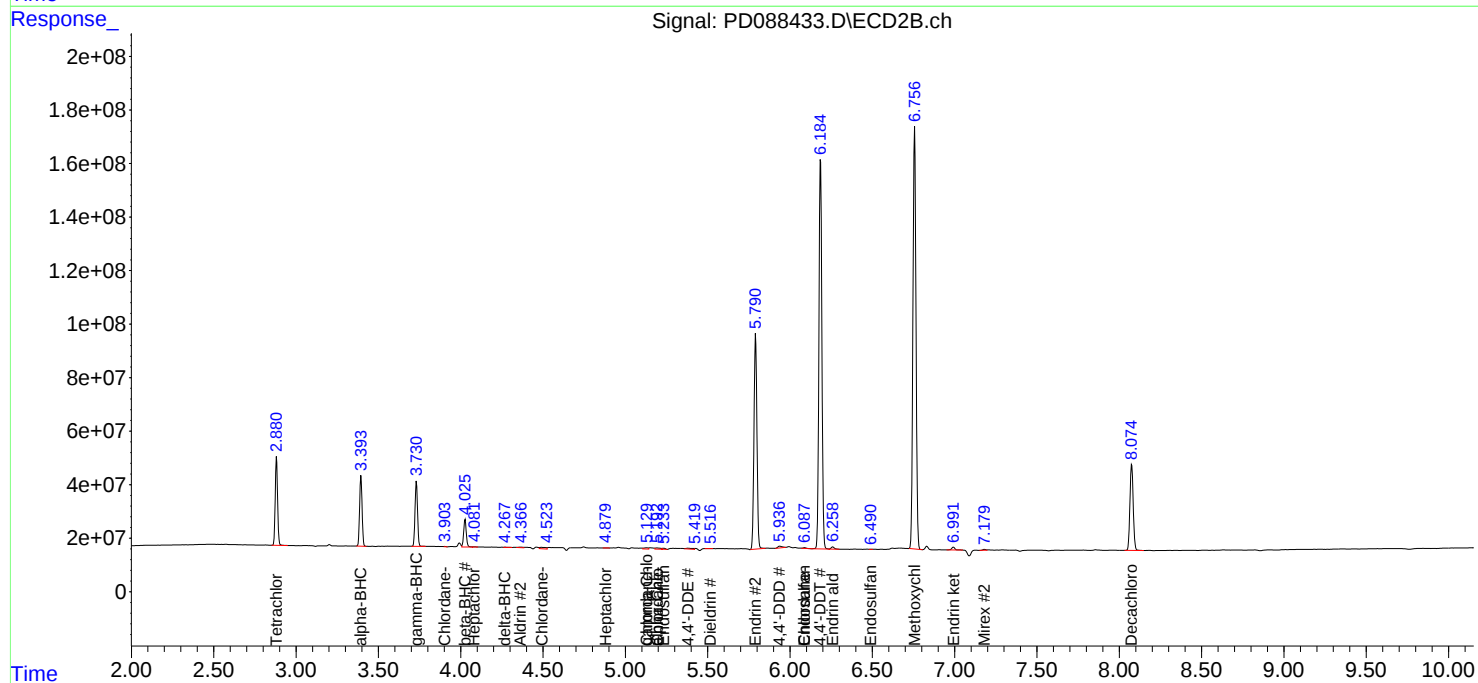
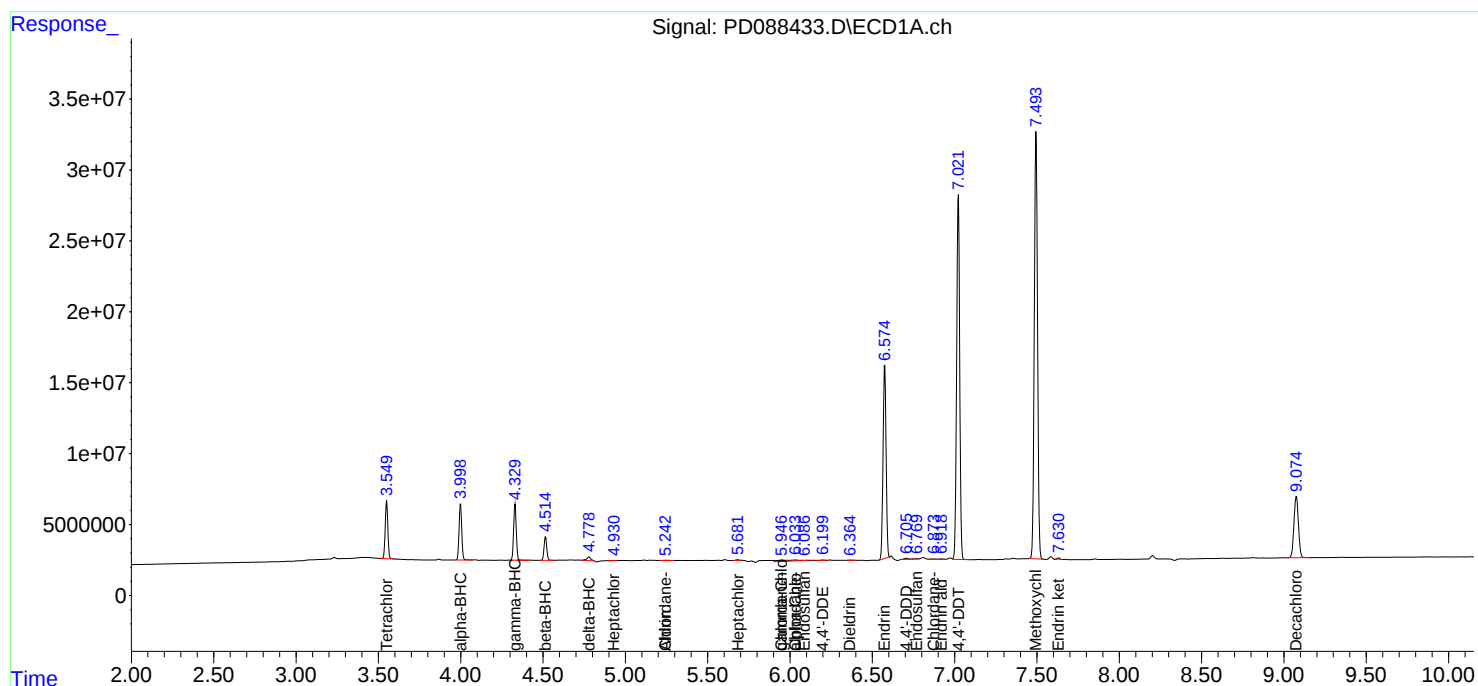
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

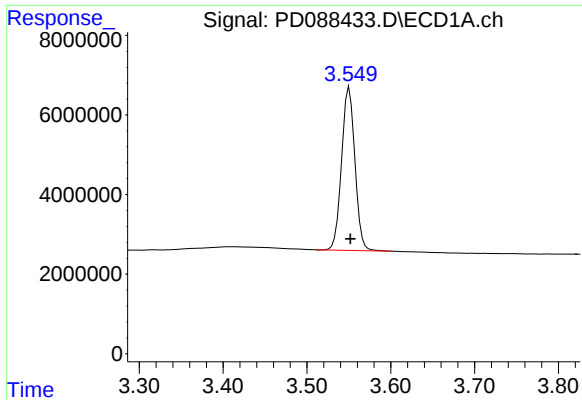
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050825\
Data File : PD088433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 May 2025 16:47
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 09 02:04:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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

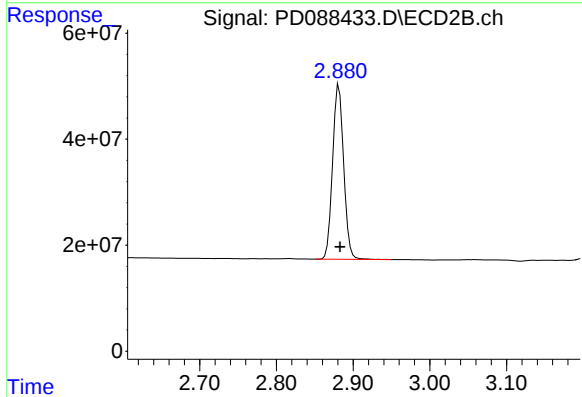




#1 Tetrachloro-m-xylene

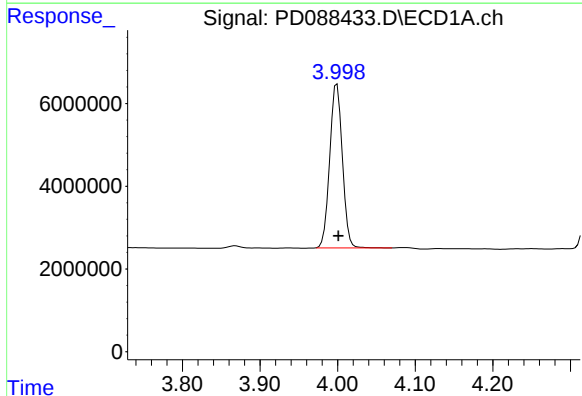
R.T.: 3.550 min
Delta R.T.: -0.002 min
Response: 45278956
Conc: 22.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



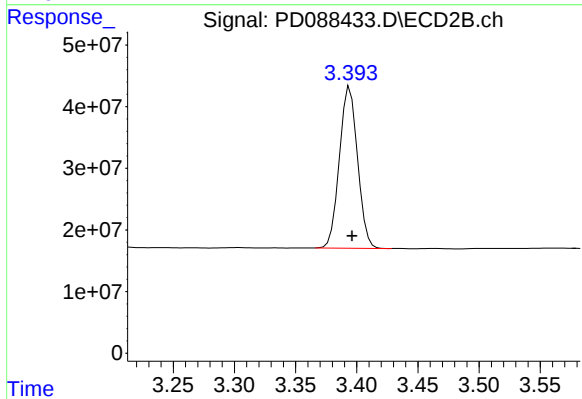
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: -0.001 min
Response: 330309751
Conc: 22.59 ng/ml



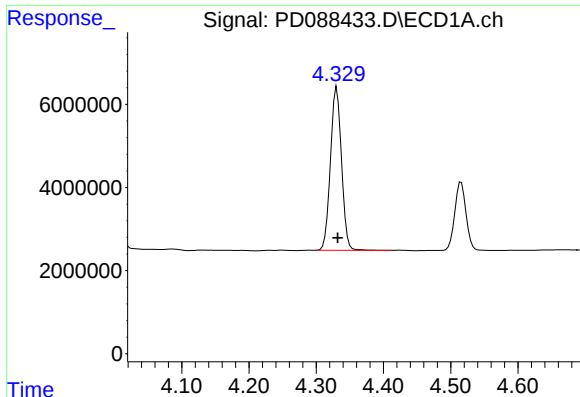
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 44822008
Conc: 10.39 ng/ml



#2 alpha-BHC

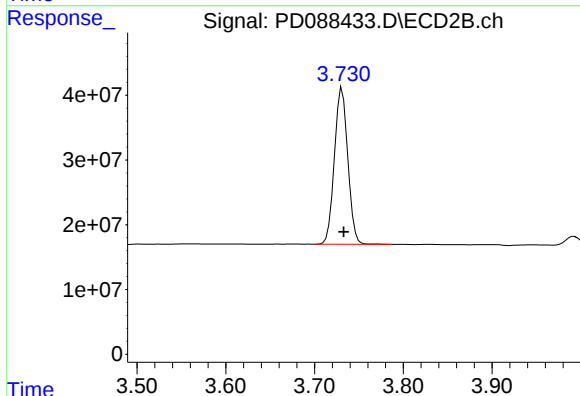
R.T.: 3.394 min
Delta R.T.: -0.002 min
Response: 270372556
Conc: 11.83 ng/ml



#3 gamma-BHC (Lindane)

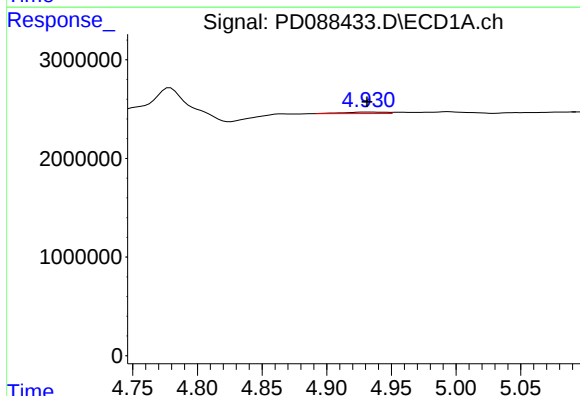
R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 44445079
Conc: 10.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



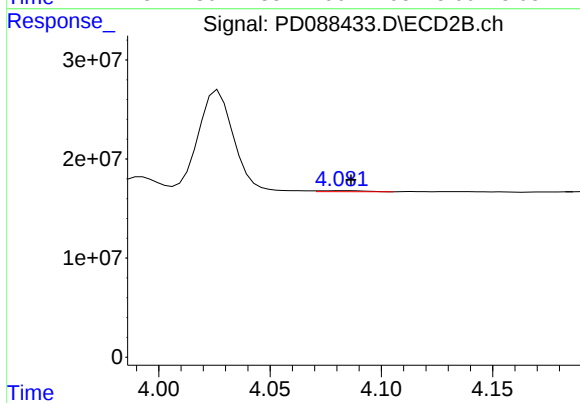
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 253904547
Conc: 11.79 ng/ml



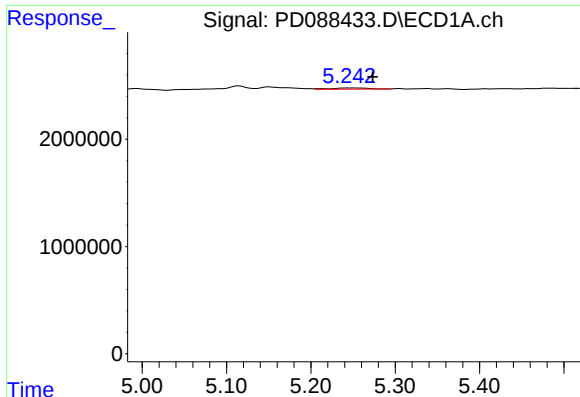
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 326002
Conc: 0.08 ng/ml



#4 Heptachlor

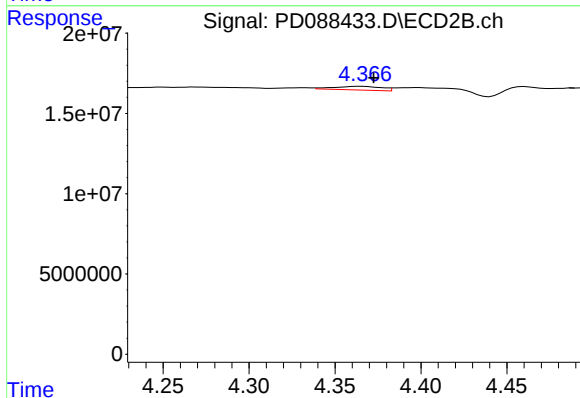
R.T.: 4.082 min
Delta R.T.: -0.004 min
Response: 1380167
Conc: 0.06 ng/ml



#5 Aldrin

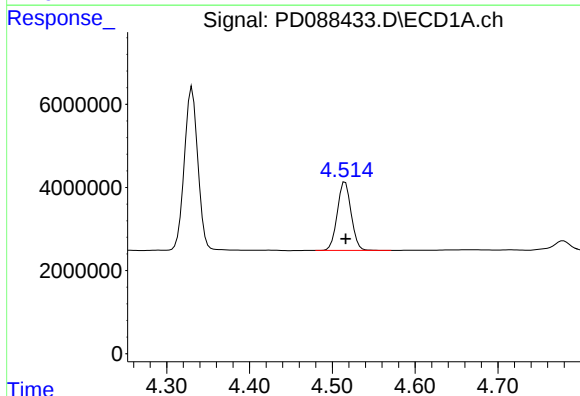
R.T.: 5.244 min
Delta R.T.: -0.029 min
Response: 345541
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



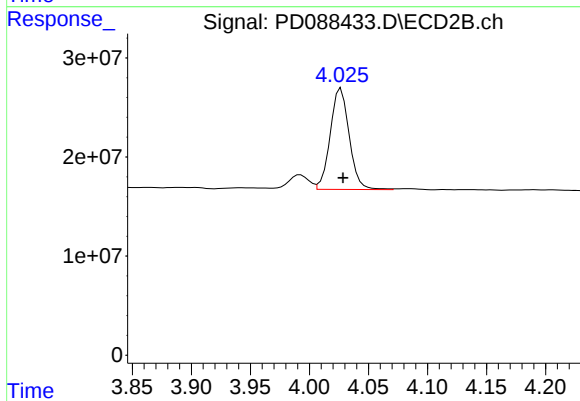
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: -0.008 min
Response: 4400946
Conc: 0.21 ng/ml



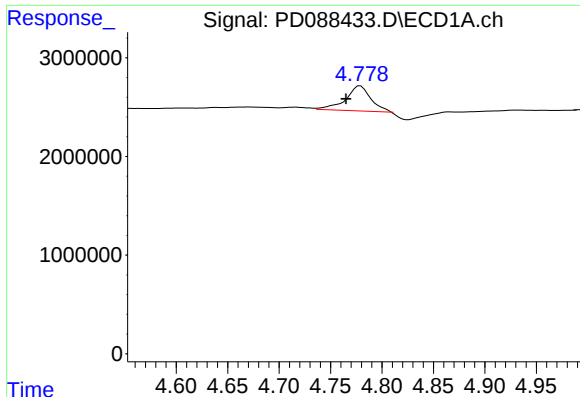
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 19138047
Conc: 11.79 ng/ml



#6 beta-BHC

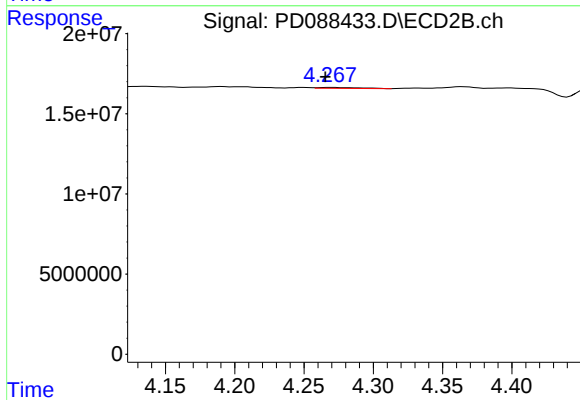
R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 114065043
Conc: 12.33 ng/ml



#7 delta-BHC

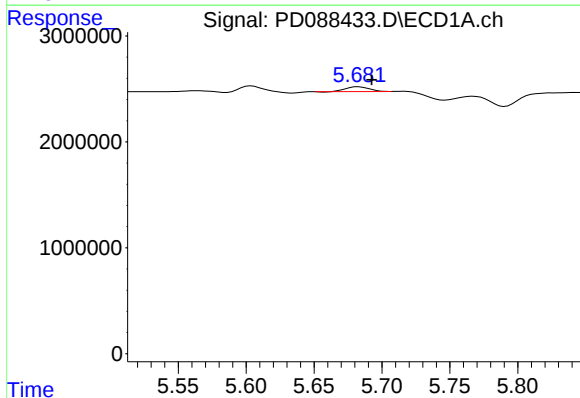
R.T.: 4.779 min
Delta R.T.: 0.014 min
Response: 4314214
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



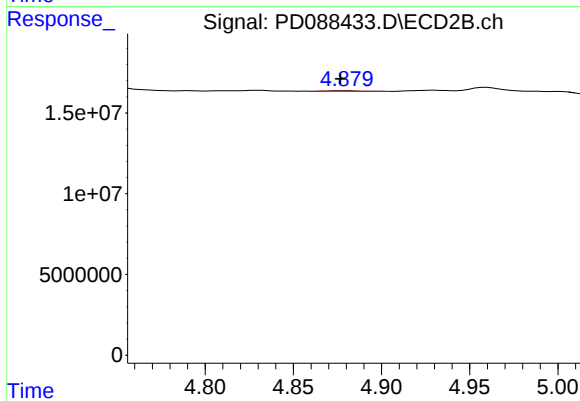
#7 delta-BHC

R.T.: 4.269 min
Delta R.T.: 0.003 min
Response: 1114736
Conc: 0.05 ng/ml



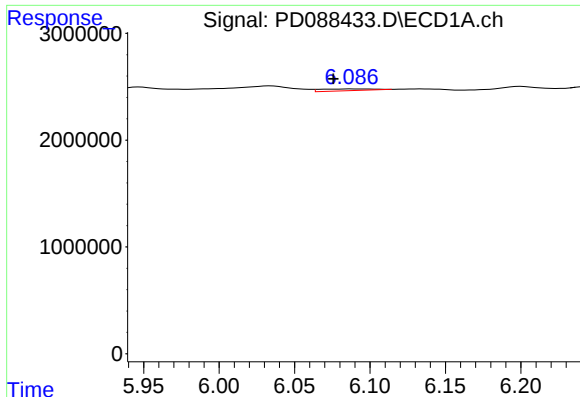
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.010 min
Response: 545873
Conc: 0.15 ng/ml



#8 Heptachlor epoxide

R.T.: 4.880 min
Delta R.T.: 0.003 min
Response: 417301
Conc: 0.02 ng/ml



#9 Endosulfan I

R.T.: 6.088 min
Delta R.T.: 0.012 min
Response: 390540
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

#9 Endosulfan I

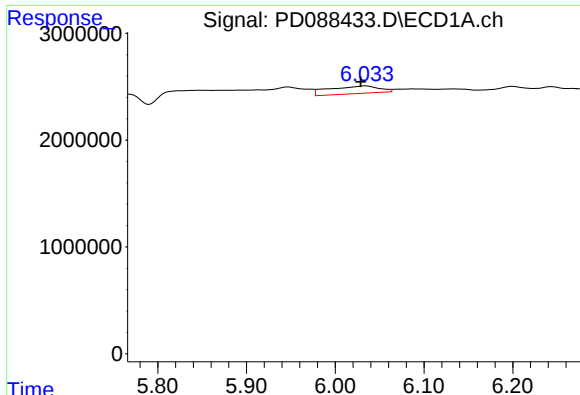
R.T.: 5.233 min
Delta R.T.: -0.018 min
Response: 5077108
Conc: 0.28 ng/ml

#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 3620256
Conc: 1.00 ng/ml

#10 gamma-Chlordane

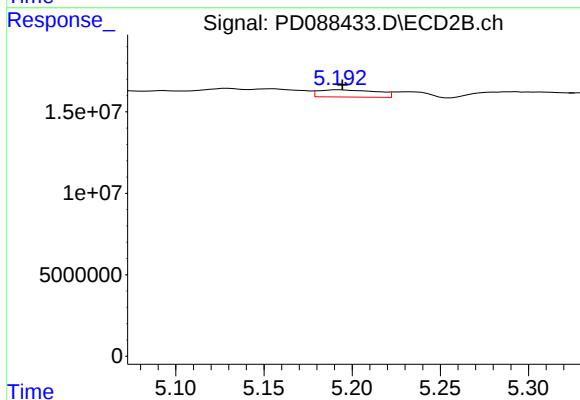
R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 8647174
Conc: 0.43 ng/ml



#11 alpha-Chlordane

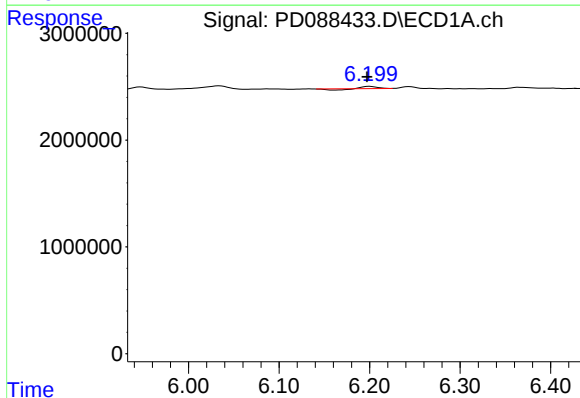
R.T.: 6.035 min
Delta R.T.: 0.006 min
Response: 2762942
Conc: 0.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



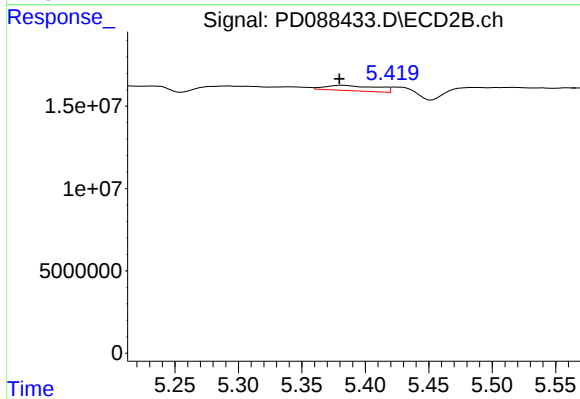
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: -0.001 min
Response: 10083527
Conc: 0.51 ng/ml



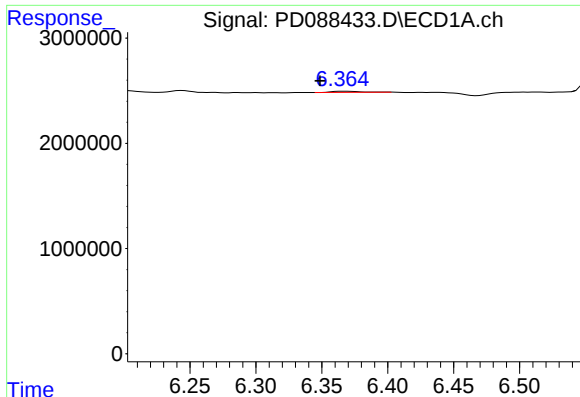
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.003 min
Response: 85925
Conc: 0.03 ng/ml



#12 4,4'-DDE

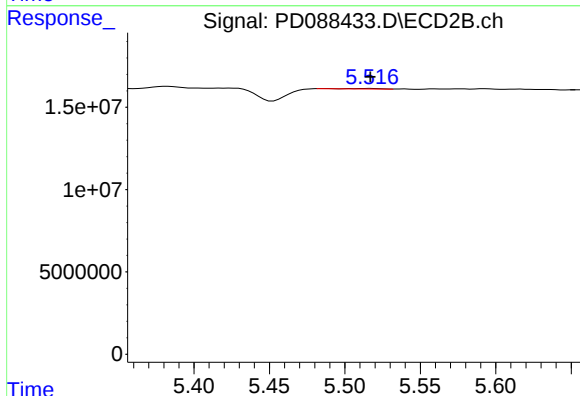
R.T.: 5.382 min
Delta R.T.: 0.002 min
Response: 9077520
Conc: 0.46 ng/ml



#13 Dieldrin

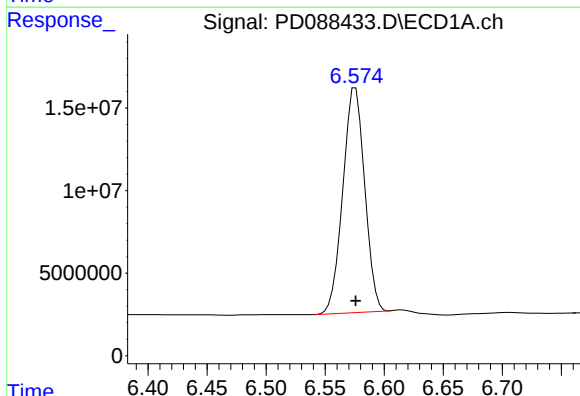
R.T.: 6.366 min
Delta R.T.: 0.017 min
Response: 172240
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



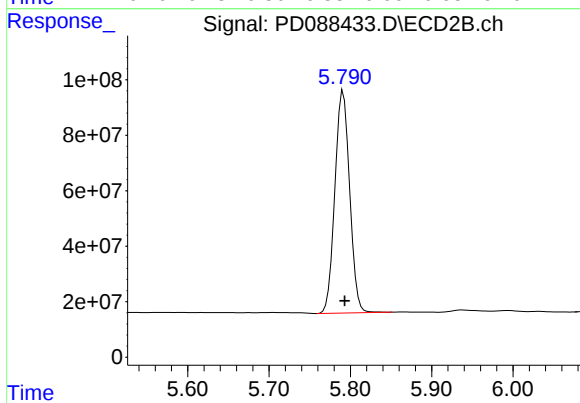
#13 Dieldrin

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 520996
Conc: 0.03 ng/ml



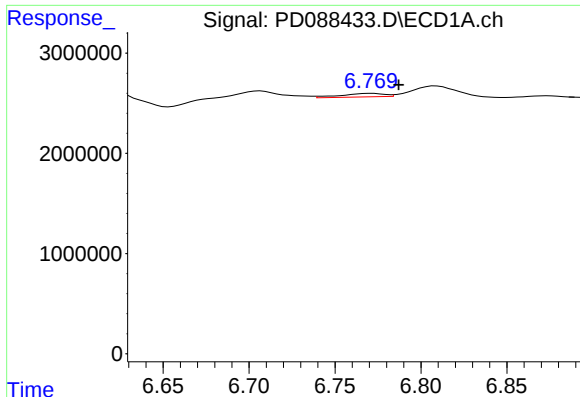
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 175665713
Conc: 58.90 ng/ml



#14 Endrin

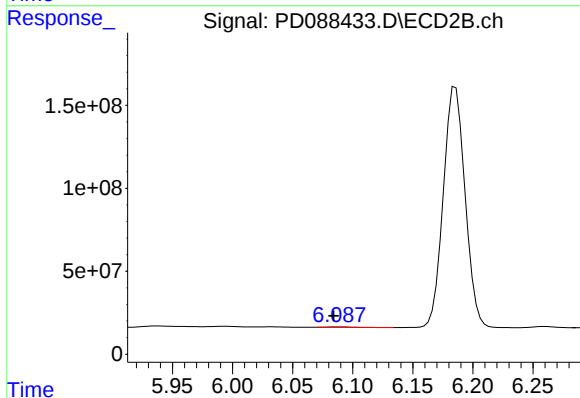
R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 1012783780
Conc: 55.64 ng/ml



#15 Endosulfan II

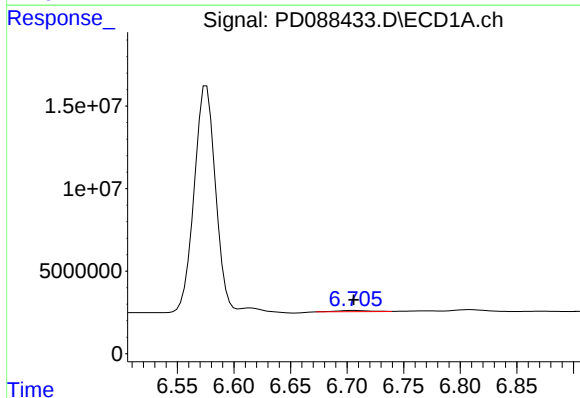
R.T.: 6.771 min
Delta R.T.: -0.016 min
Response: 613868
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



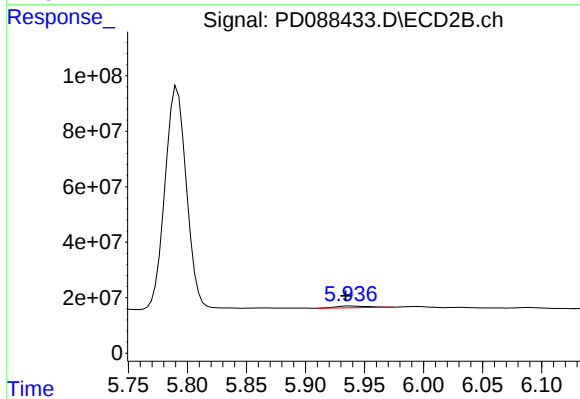
#15 Endosulfan II

R.T.: 6.088 min
Delta R.T.: 0.004 min
Response: 3448657
Conc: 0.20 ng/ml



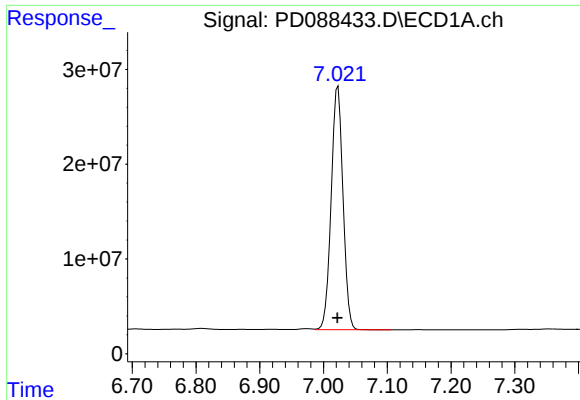
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 1501340
Conc: 0.60 ng/ml



#16 4,4'-DDD

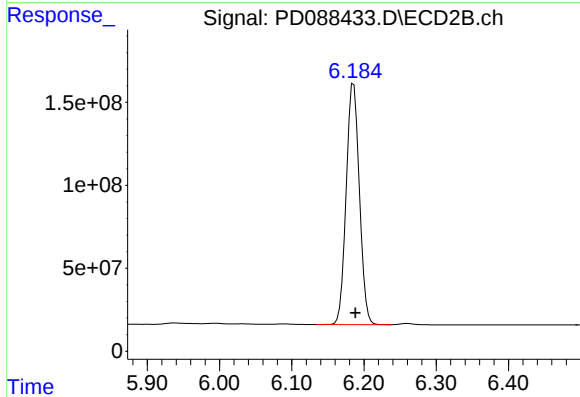
R.T.: 5.938 min
Delta R.T.: 0.004 min
Response: 11148738
Conc: 0.68 ng/ml



#17 4,4'-DDT

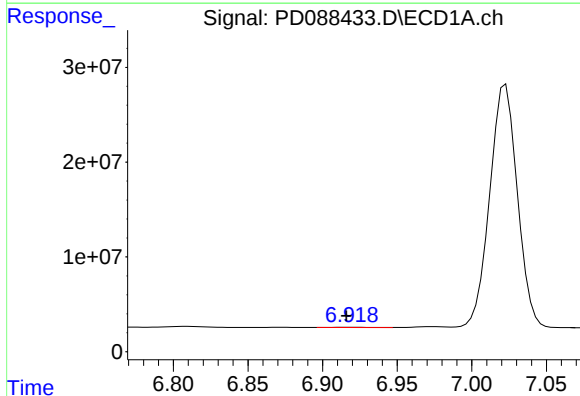
R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 330660647
Conc: 119.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



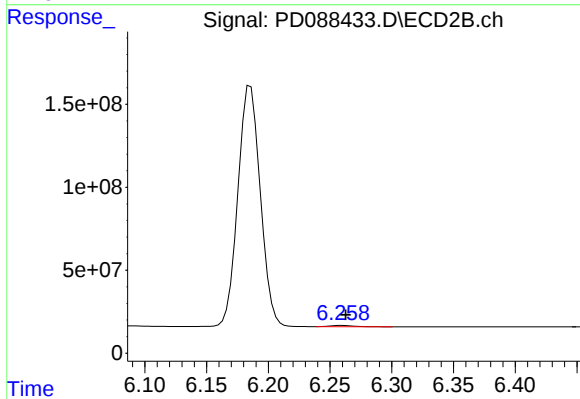
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 1836476698
Conc: 107.92 ng/ml



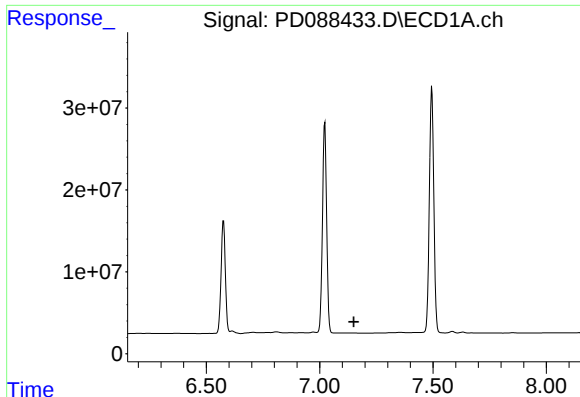
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: 0.003 min
Response: 533592
Conc: 0.23 ng/ml



#18 Endrin aldehyde

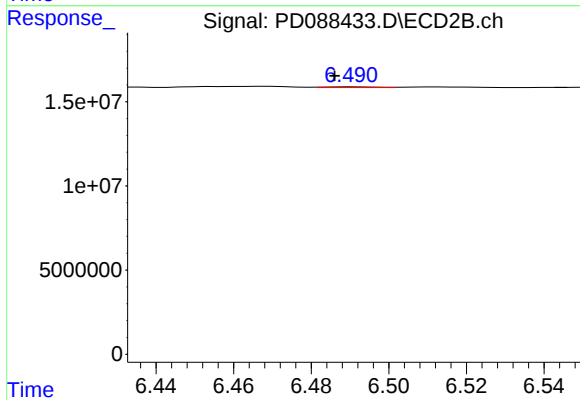
R.T.: 6.260 min
Delta R.T.: -0.003 min
Response: 10452820
Conc: 0.79 ng/ml



#19 Endosulfan Sulfate

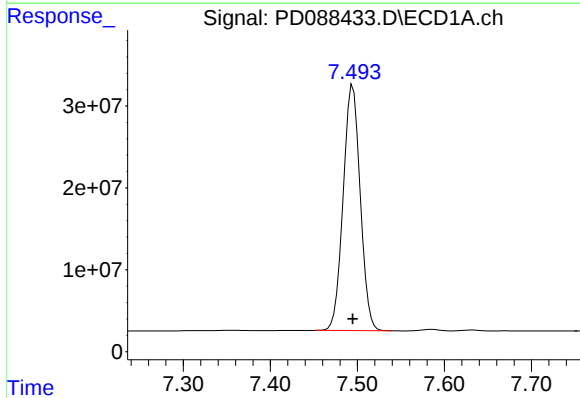
R.T.: 0.000 min
Exp R.T.: 7.150 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



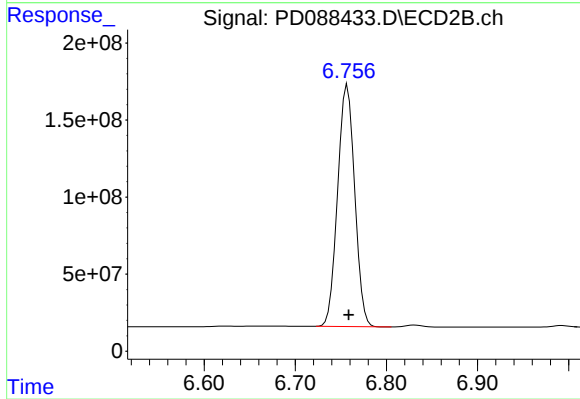
#19 Endosulfan Sulfate

R.T.: 6.491 min
Delta R.T.: 0.005 min
Response: 340576
Conc: 0.02 ng/ml



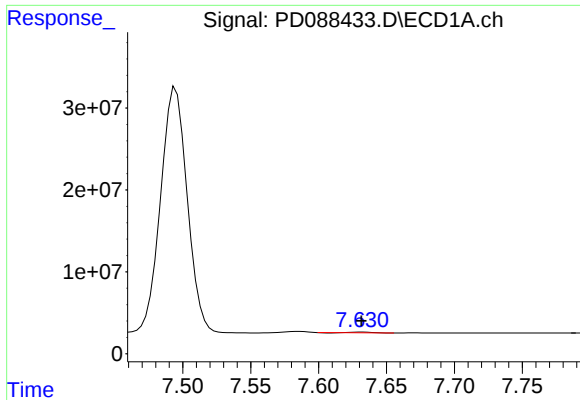
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 408361790
Conc: 272.32 ng/ml



#20 Methoxychlor

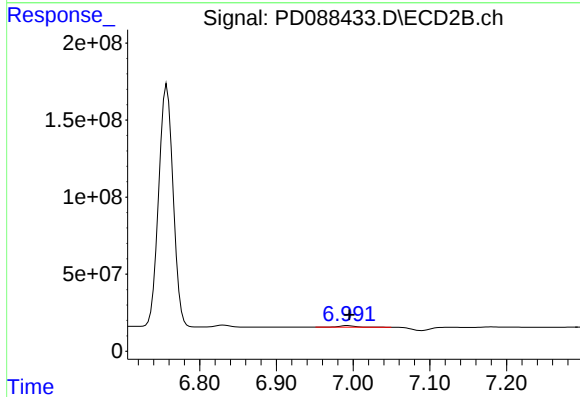
R.T.: 6.757 min
Delta R.T.: -0.001 min
Response: 2045409999
Conc: 224.25 ng/ml



#21 Endrin ketone

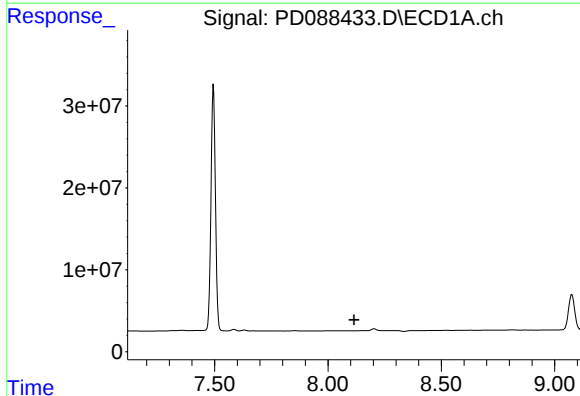
R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 870916
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



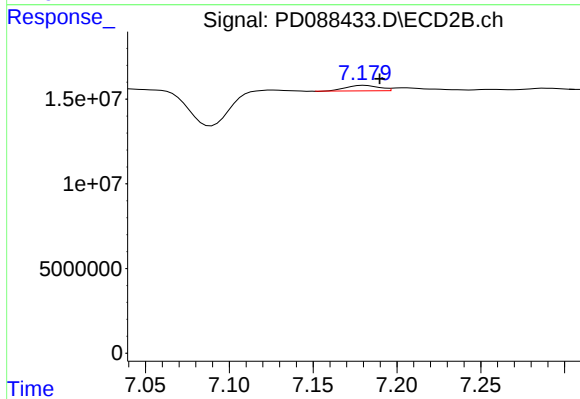
#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 14652137
Conc: 0.78 ng/ml



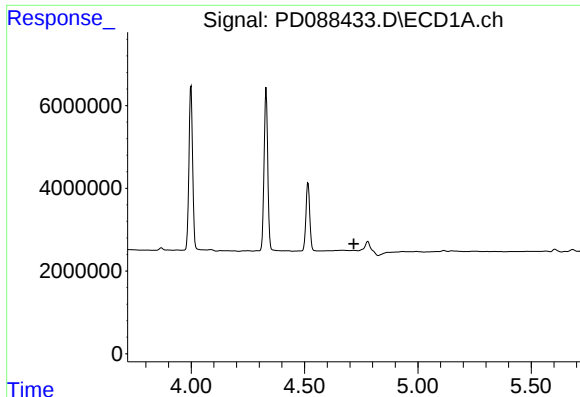
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.115 min
Response: 0
Conc: N.D.



#22 Mirex

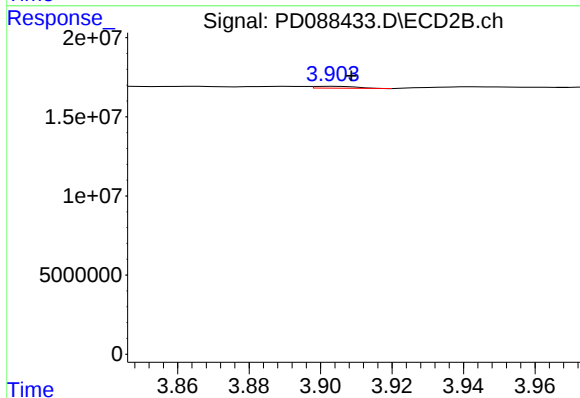
R.T.: 7.181 min
Delta R.T.: -0.009 min
Response: 4451984
Conc: 0.30 ng/ml



#23 Chlordane-1

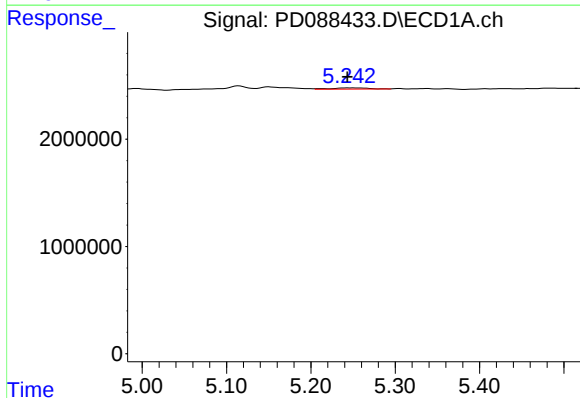
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



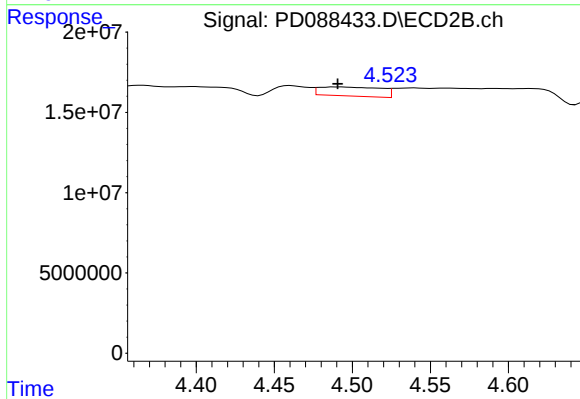
#23 Chlordane-1

R.T.: 3.904 min
Delta R.T.: -0.005 min
Response: 1009644
Conc: 1.26 ng/ml



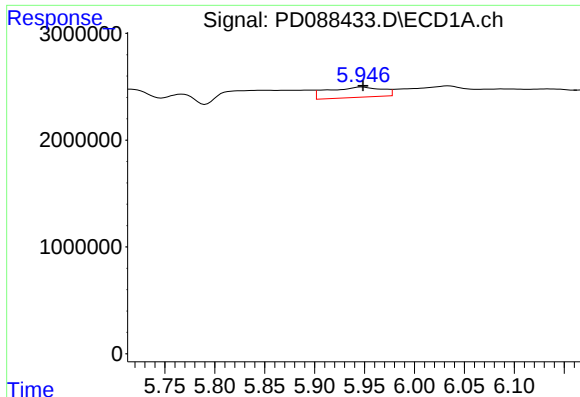
#24 Chlordane-2

R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 345541
Conc: 2.07 ng/ml



#24 Chlordane-2

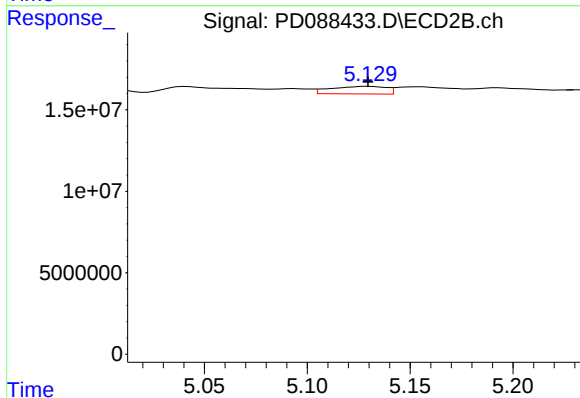
R.T.: 4.493 min
Delta R.T.: 0.002 min
Response: 15586533
Conc: 18.89 ng/ml



#25 Chlordane-3

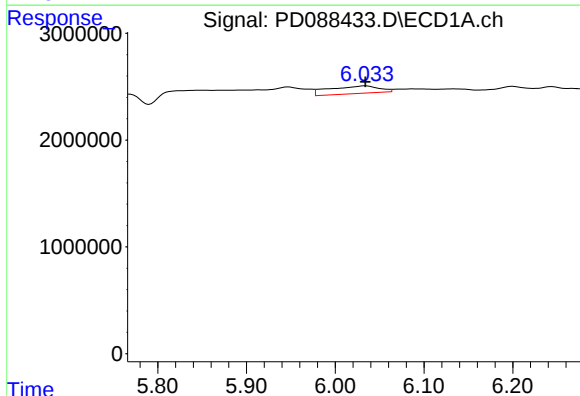
R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 3620256
Conc: 5.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



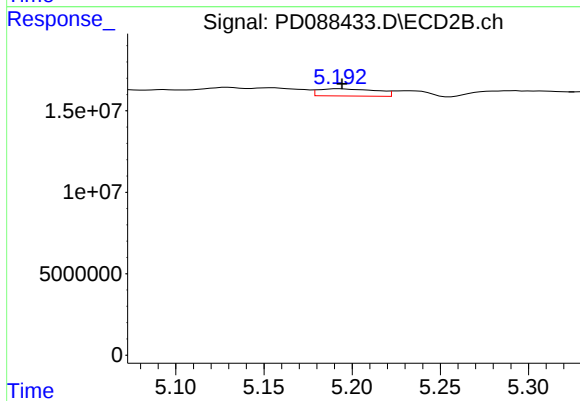
#25 Chlordane-3

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 8647174
Conc: 3.42 ng/ml



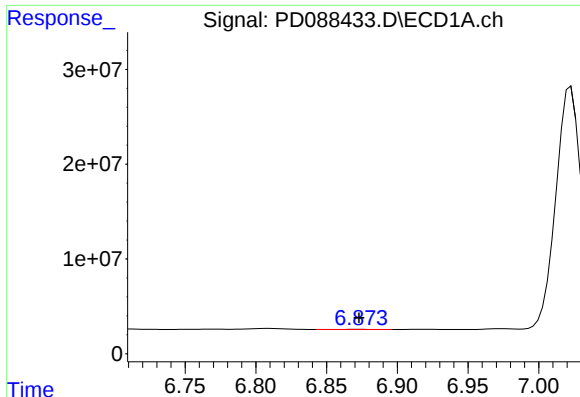
#26 Chlordane-4

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 2762942
Conc: 3.39 ng/ml



#26 Chlordane-4

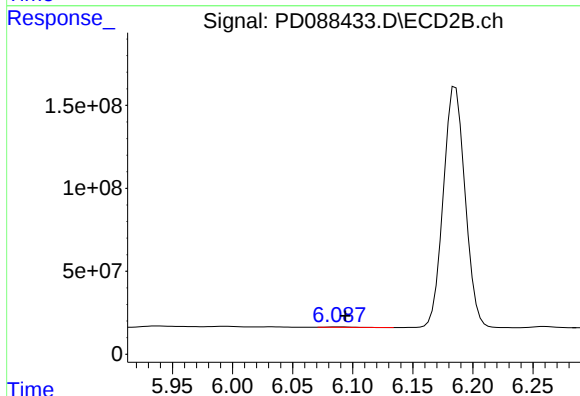
R.T.: 5.193 min
Delta R.T.: -0.001 min
Response: 10083527
Conc: 4.72 ng/ml



#27 Chlordane-5

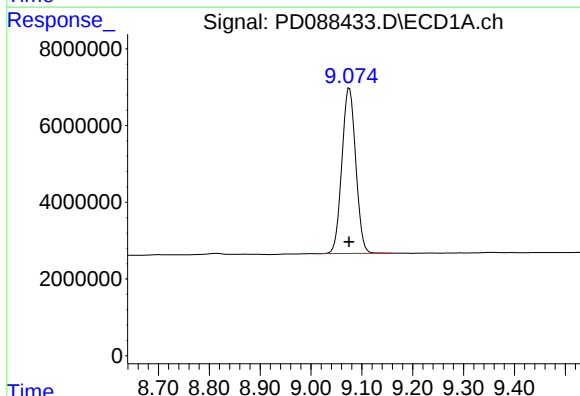
R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 254405
Conc: 1.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



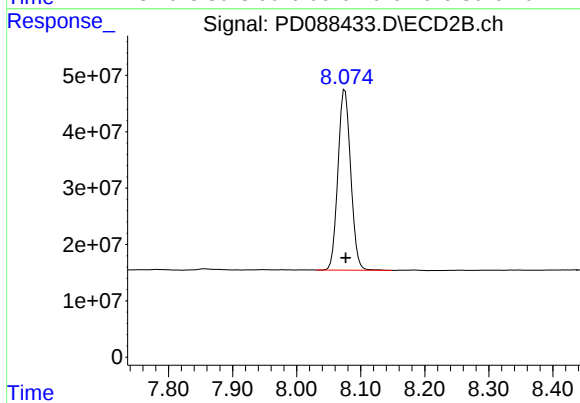
#27 Chlordane-5

R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 3448657
Conc: 3.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: 0.000 min
Response: 81700977
Conc: 24.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.001 min
Response: 442309599
Conc: 23.94 ng/ml