Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091225\
Data File : PD090258.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Sep 2025 11:37
Operator : AR\AJ
Sample : PCHLORCCC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 01:00:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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...	3.549	2.875	122.5E6	1315.3E6	41.753	59.651	#
28)	SA Decachlor...	9.068	8.064	190.9E6	1311.6E6	44.224	50.667	
	Target Compounds							
2)	A alpha-BHC	4.021f	3.379	7264584	14220749	1.210	0.419	#
3)	MA gamma-BHC...	4.357f	3.709f	1986695	-6661125	0.347	N.D.	#
4)	MA Heptachlor	4.927	4.077	135.7E6	748.4E6	24.196	23.995	
5)	MB Aldrin	5.240f	4.376	84872989	50998341	15.675	1.675	#
6)	B beta-BHC	4.514	4.032	149401	1992027	0.067	0.149	#
7)	B delta-BHC	4.778f	4.259	3452607	62650355	0.667	1.986	#
8)	B Heptachlo...	5.670f	0.000	51984215	0	10.594	N.D.	#
9)	A Endosulfan I	0.000	5.255	0	3786375	N.D.	0.144	#
10)	B gamma-Chl...	5.944	5.119	323.5E6	1531.8E6	66.144	51.730	
11)	B alpha-Chl...	6.029	5.183	398.1E6	1312.8E6	80.879	46.002	#
12)	B 4,4'-DDE	6.180	5.358	2916972	33755214	0.665	1.171	#
13)	MA Dieldrin	6.351	5.488f	6280653	88160275	1.283	3.010	#
14)	MA Endrin	6.595f	5.786	12001291	229.2E6	2.896	8.605	#
15)	B Endosulfa...	6.783	6.083	11629931	618.2E6	2.756	24.438	#
16)	A 4,4'-DDD	6.681f	5.915	58676308	-65979815	16.963	N.D.	#
17)	MA 4,4'-DDT	7.025	6.177	437076	8130270	0.115	0.324	#
18)	B Endrin al...	6.924	6.260	5311463	6959274	1.853	0.404	#
19)	B Endosulfa...	7.148	6.480	1399860	25048647	0.357	1.027	#
20)	A Methoxychlor	7.482	6.754	7781187	5467647	3.880	0.424	#
22)	Mirex	8.114	7.177	1121620	1783711	0.356	0.086	#
23)	Chlordane-1	4.713	3.899	4557984	491.8E6	26.539	553.304	#
24)	Chlordane-2	5.240	4.481	84872989	514.6E6	482.174	537.183	
25)	Chlordane-3	5.944	5.119	323.5E6	1531.8E6	477.008	552.798	
26)	Chlordane-4	6.029	5.183	398.1E6	1312.8E6	479.522	545.430	
27)	Chlordane-5	6.869	6.083	72177742	618.2E6	514.980	561.977	

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

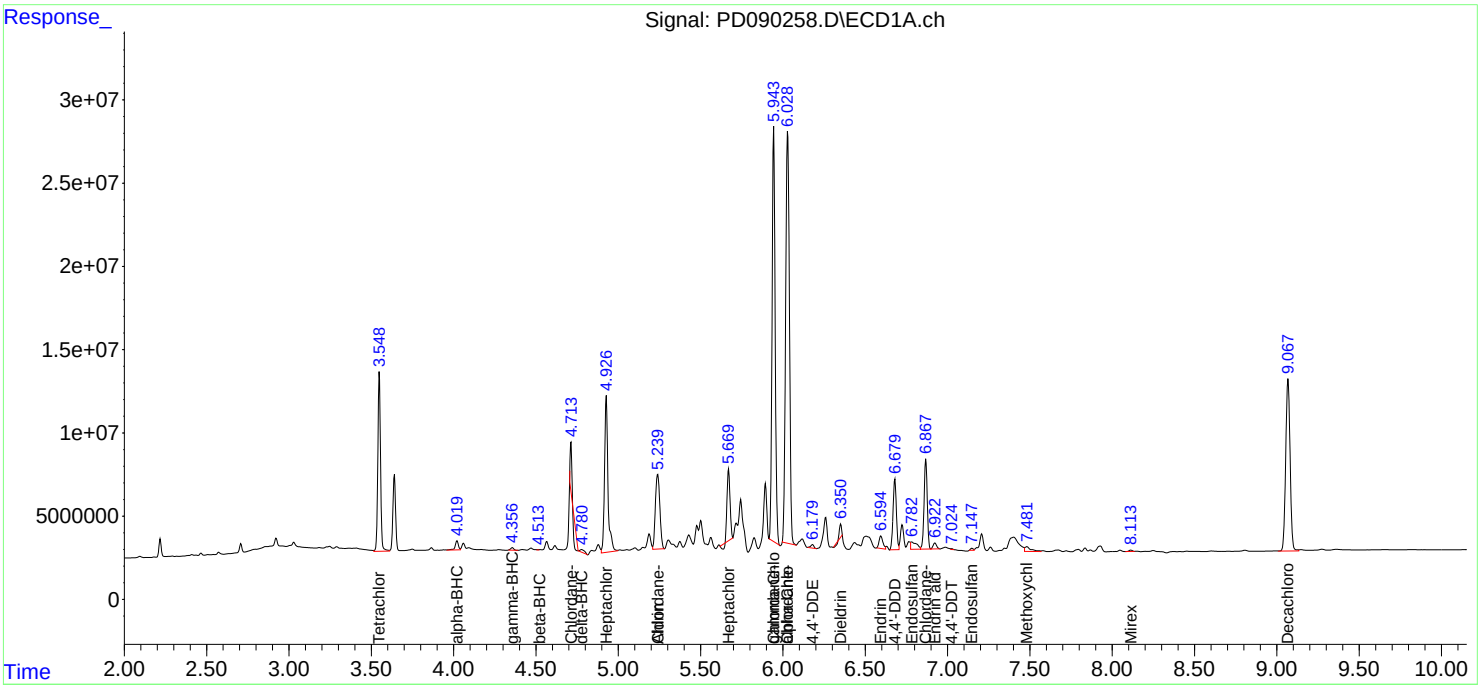
Quantitation Report (Not Reviewed)

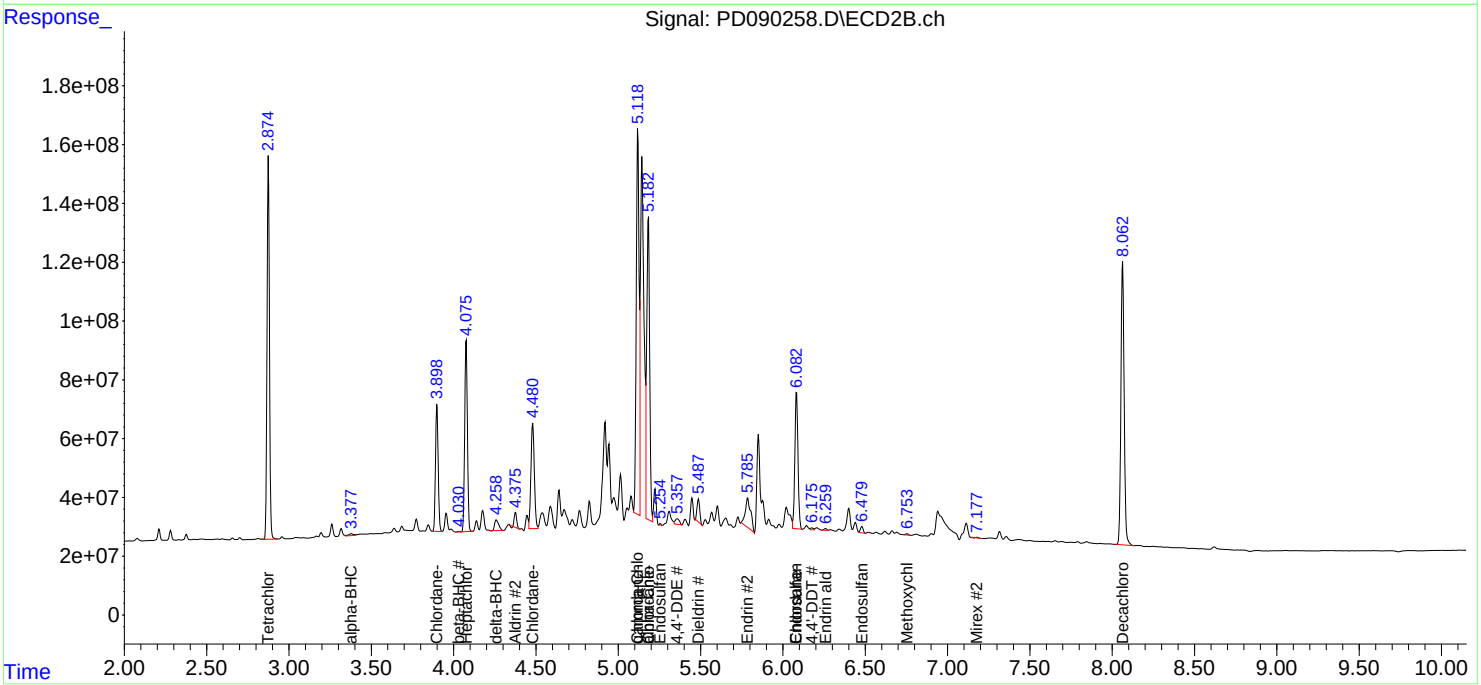
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091225\
Data File : PD090258.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Sep 2025 11:37
Operator : AR\AJ
Sample : PCHLORCCC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

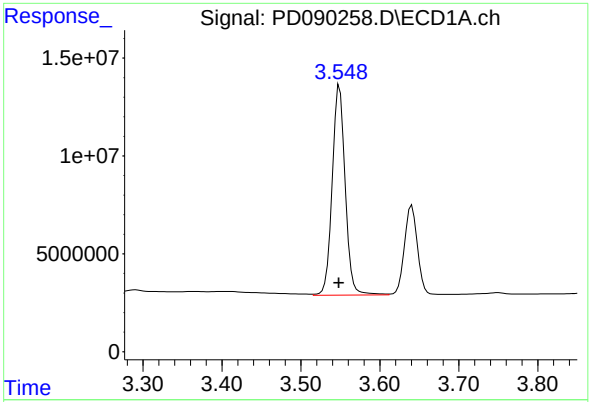
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 01:00:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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



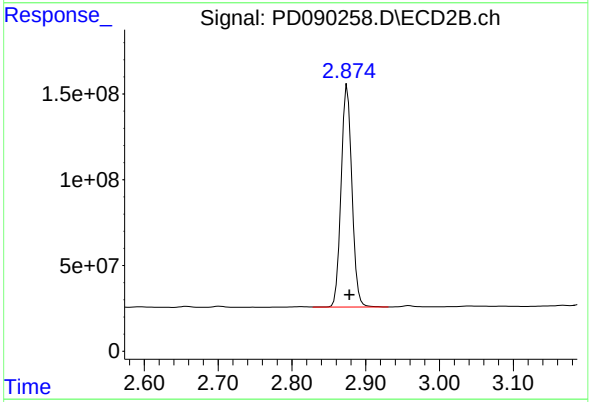




#1 Tetrachloro-m-xylene

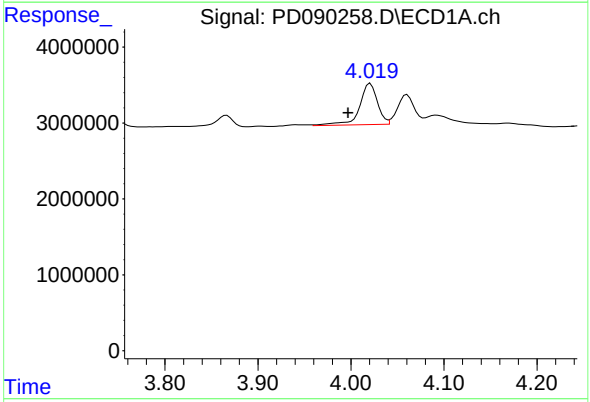
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 122538504
Conc: 41.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



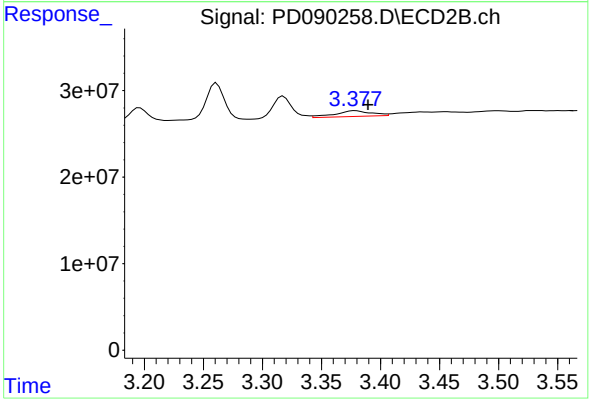
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: -0.003 min
Response: 1315348166
Conc: 59.65 ng/ml



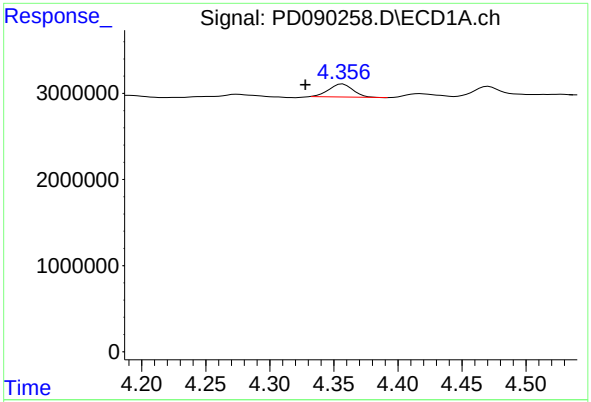
#2 alpha-BHC

R.T.: 4.021 min
Delta R.T.: 0.024 min
Response: 7264584
Conc: 1.21 ng/ml



#2 alpha-BHC

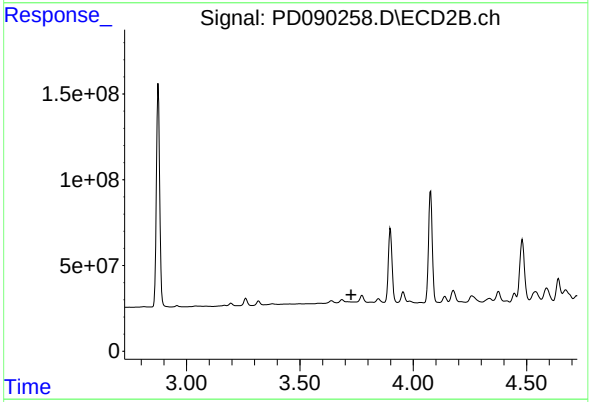
R.T.: 3.379 min
Delta R.T.: -0.011 min
Response: 14220749
Conc: 0.42 ng/ml



#3 gamma-BHC (Lindane)

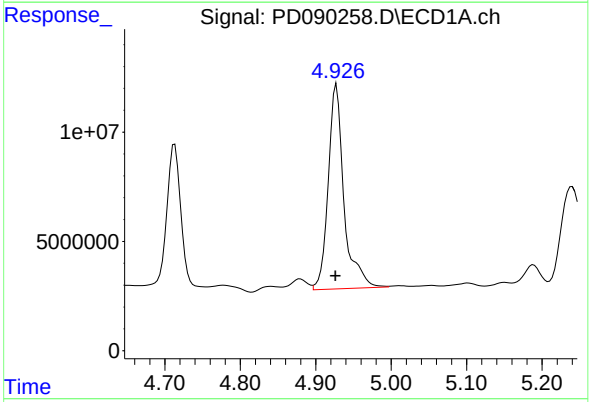
R.T.: 4.357 min
Delta R.T.: 0.029 min
Response: 1986695
Conc: 0.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



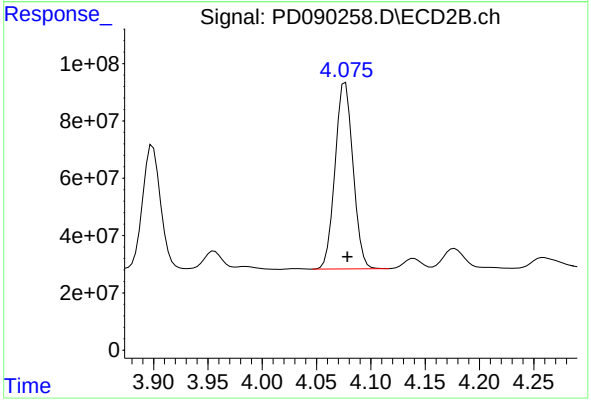
#3 gamma-BHC (Lindane)

R.T.: 3.709 min
Delta R.T.: -0.017 min
Response: -6661125
Conc: N.D.



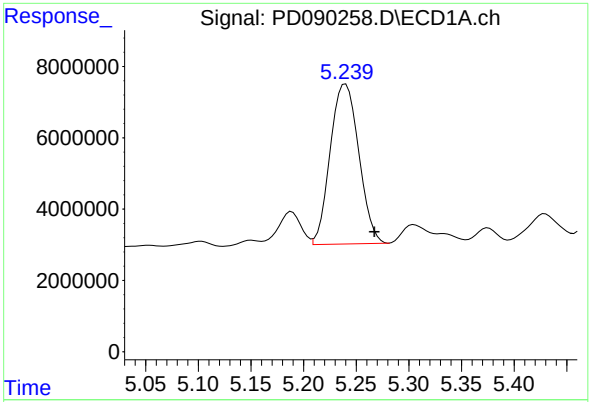
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.001 min
Response: 135717353
Conc: 24.20 ng/ml



#4 Heptachlor

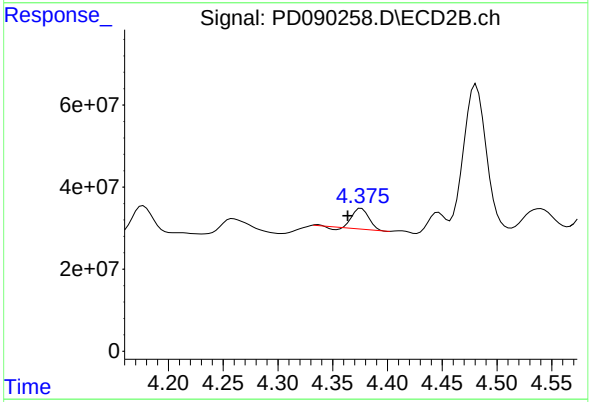
R.T.: 4.077 min
Delta R.T.: -0.002 min
Response: 748428650
Conc: 23.99 ng/ml



#5 Aldrin

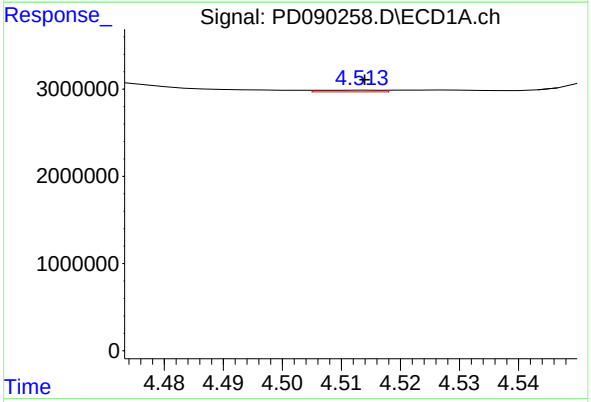
R.T.: 5.240 min
Delta R.T.: -0.028 min
Response: 84872989
Conc: 15.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



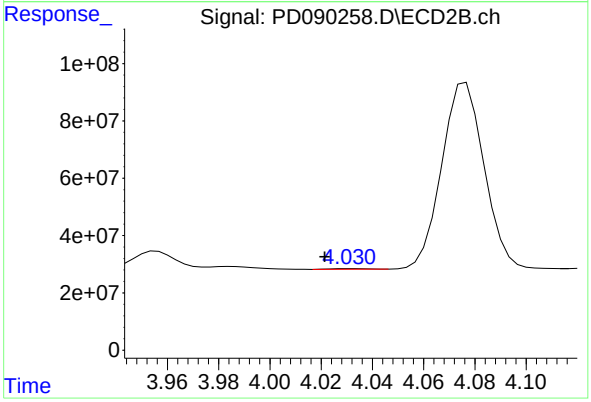
#5 Aldrin

R.T.: 4.376 min
Delta R.T.: 0.012 min
Response: 50998341
Conc: 1.67 ng/ml



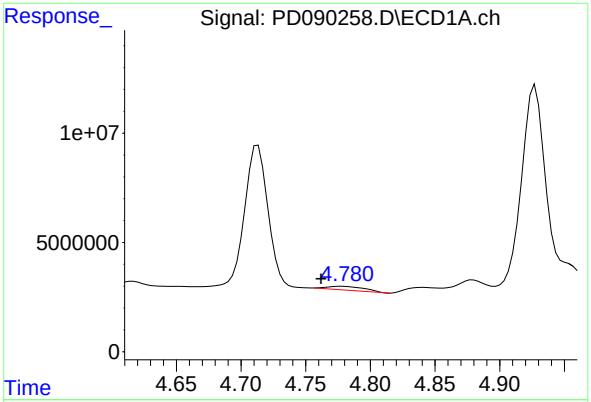
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 149401
Conc: 0.07 ng/ml



#6 beta-BHC

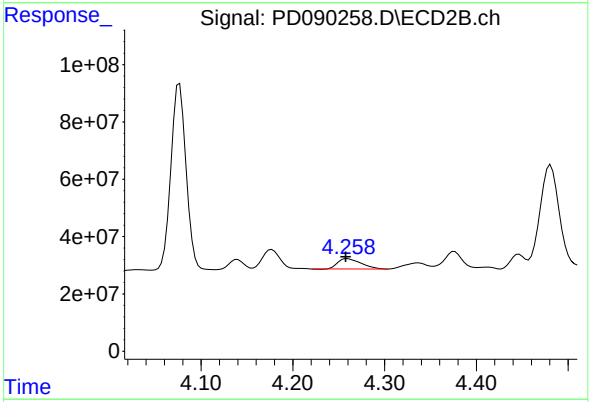
R.T.: 4.032 min
Delta R.T.: 0.011 min
Response: 1992027
Conc: 0.15 ng/ml



#7 delta-BHC

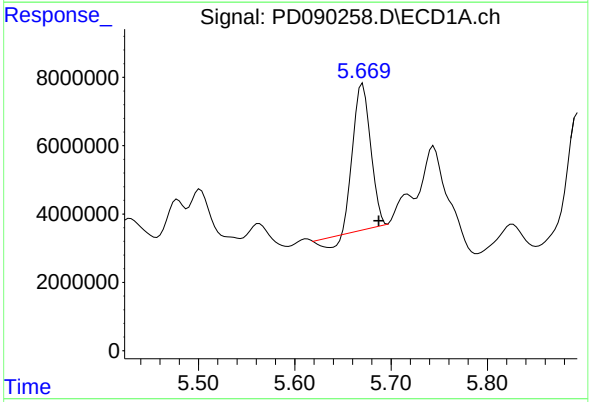
R.T.: 4.778 min
Delta R.T.: 0.016 min
Response: 3452607
Conc: 0.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



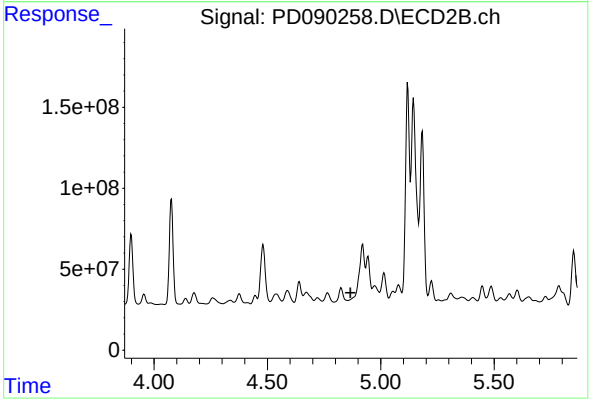
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.002 min
Response: 62650355
Conc: 1.99 ng/ml



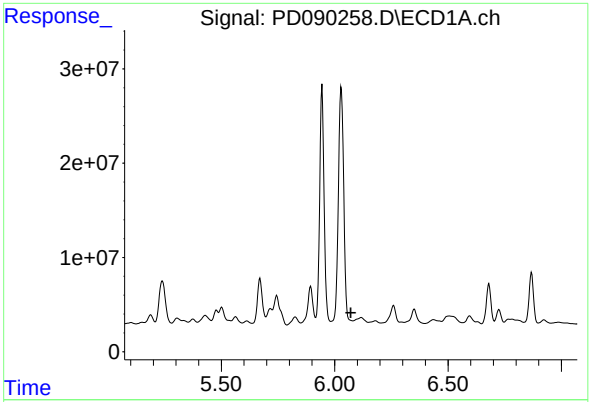
#8 Heptachlor epoxide

R.T.: 5.670 min
Delta R.T.: -0.017 min
Response: 51984215
Conc: 10.59 ng/ml



#8 Heptachlor epoxide

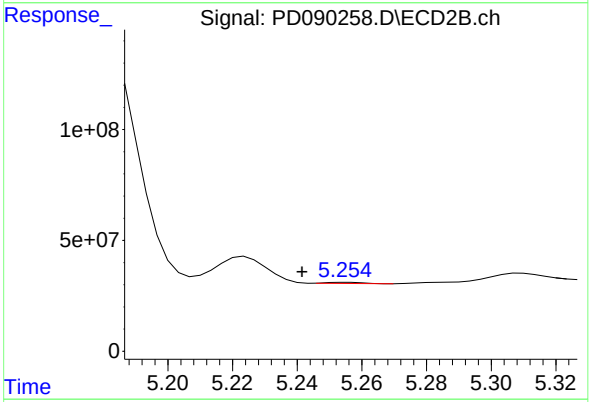
R.T.: 0.000 min
Exp R.T. : 4.867 min
Response: 0
Conc: N.D.



#9 Endosulfan I

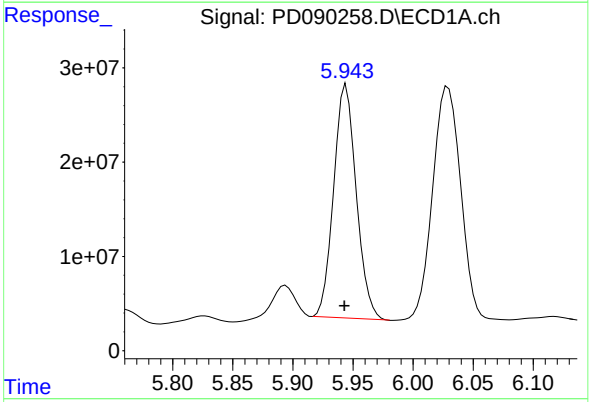
R.T.: 0.000 min
Exp R.T. : 6.071 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



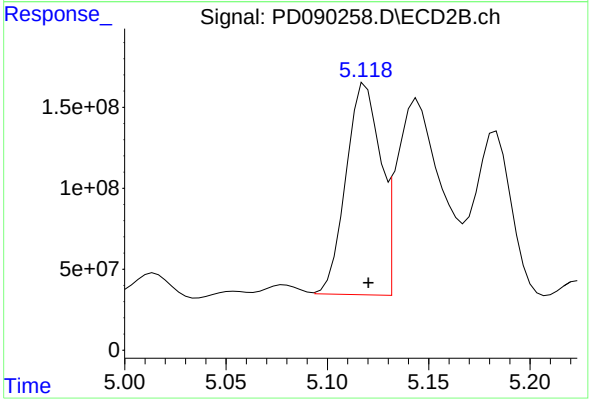
#9 Endosulfan I

R.T.: 5.255 min
Delta R.T.: 0.014 min
Response: 3786375
Conc: 0.14 ng/ml



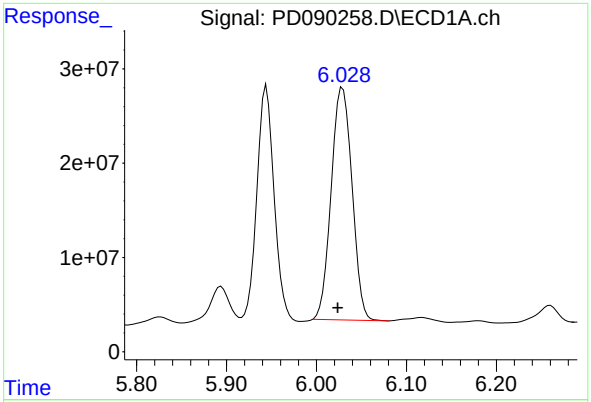
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.002 min
Response: 323508619
Conc: 66.14 ng/ml



#10 gamma-Chlordane

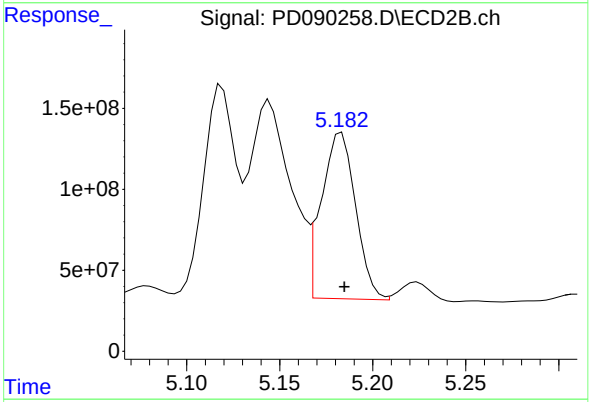
R.T.: 5.119 min
Delta R.T.: -0.001 min
Response: 1531784567
Conc: 51.73 ng/ml



#11 alpha-Chlordane

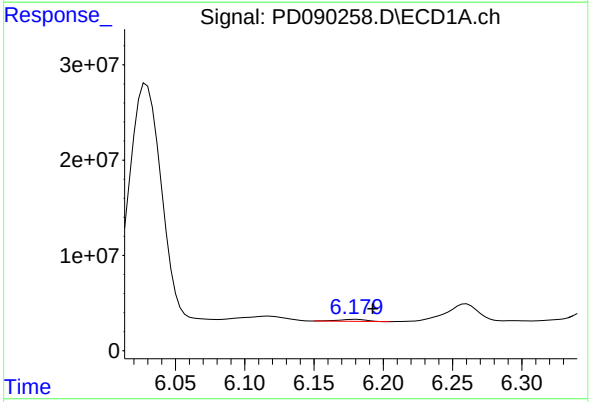
R.T.: 6.029 min
Delta R.T.: 0.005 min
Response: 398122031
Conc: 80.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



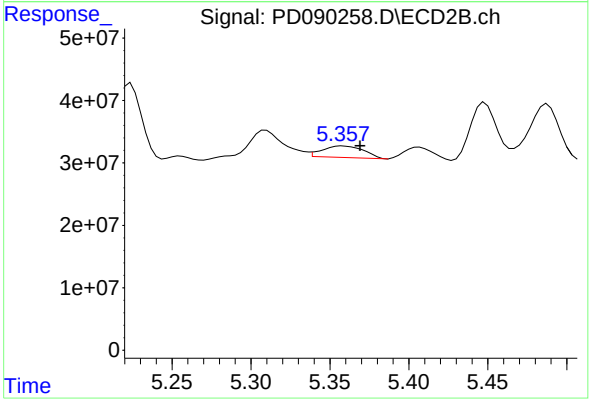
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: -0.002 min
Response: 1312807710
Conc: 46.00 ng/ml



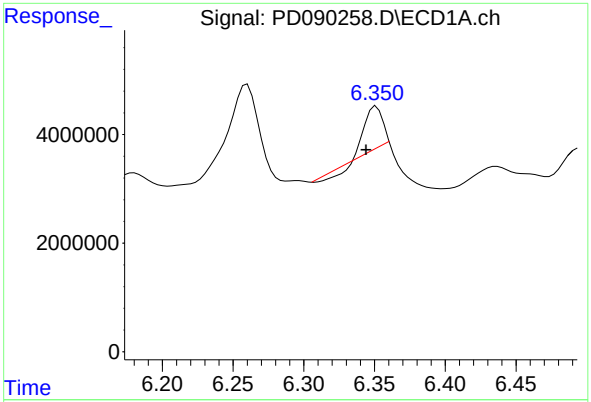
#12 4,4'-DDE

R.T.: 6.180 min
Delta R.T.: -0.012 min
Response: 2916972
Conc: 0.66 ng/ml



#12 4,4'-DDE

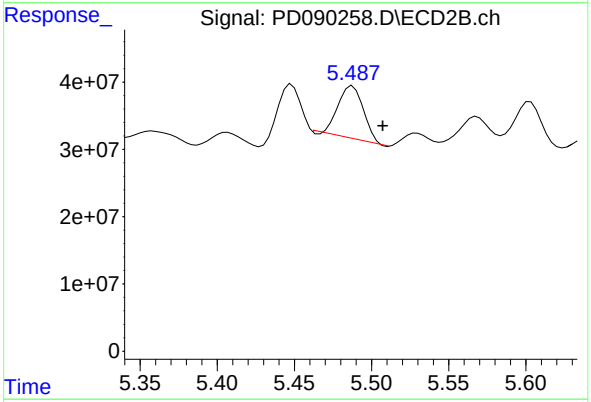
R.T.: 5.358 min
Delta R.T.: -0.011 min
Response: 33755214
Conc: 1.17 ng/ml



#13 Dieldrin

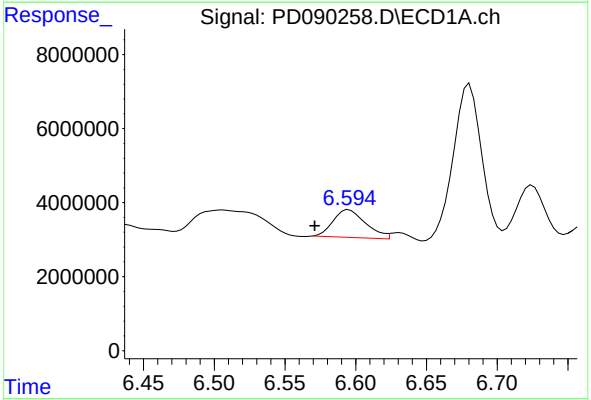
R.T.: 6.351 min
Delta R.T.: 0.007 min
Response: 6280653
Conc: 1.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



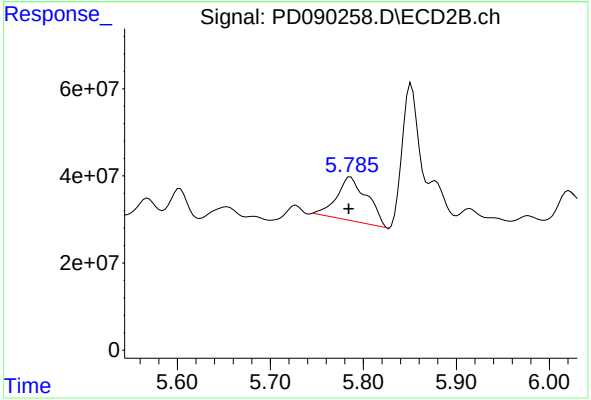
#13 Dieldrin

R.T.: 5.488 min
Delta R.T.: -0.020 min
Response: 88160275
Conc: 3.01 ng/ml



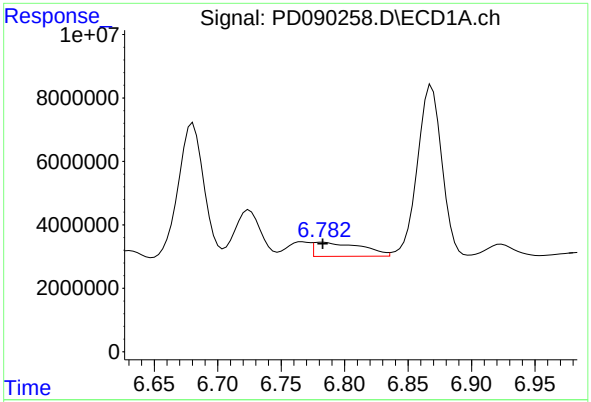
#14 Endrin

R.T.: 6.595 min
Delta R.T.: 0.024 min
Response: 12001291
Conc: 2.90 ng/ml



#14 Endrin

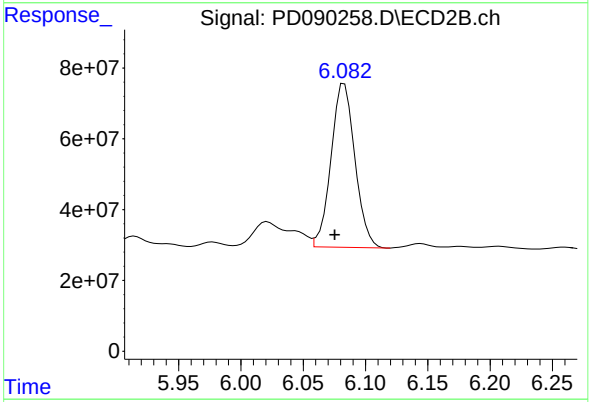
R.T.: 5.786 min
Delta R.T.: 0.002 min
Response: 229172318
Conc: 8.61 ng/ml



#15 Endosulfan II

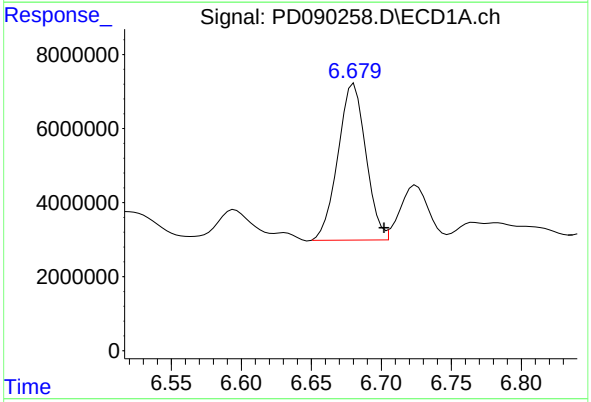
R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 11629931
Conc: 2.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



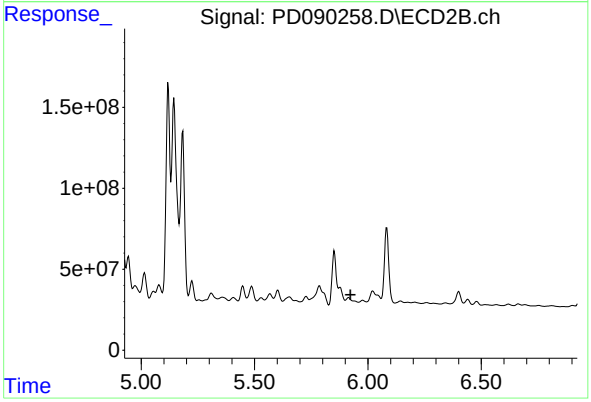
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: 0.008 min
Response: 618157252
Conc: 24.44 ng/ml



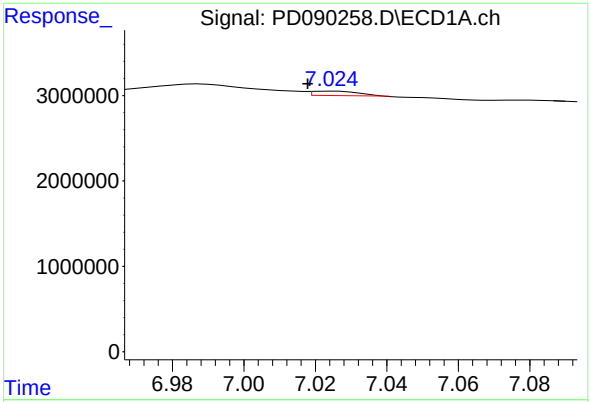
#16 4,4'-DDD

R.T.: 6.681 min
Delta R.T.: -0.021 min
Response: 58676308
Conc: 16.96 ng/ml



#16 4,4'-DDD

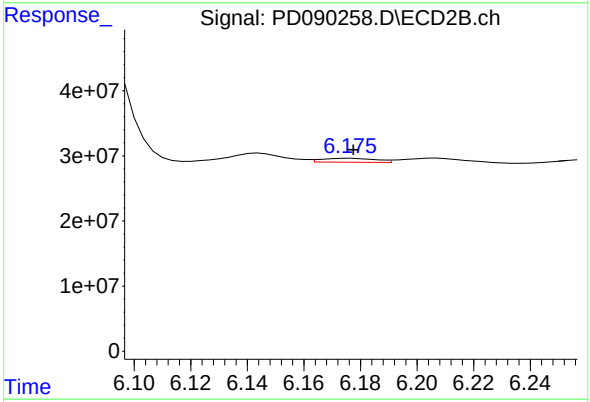
R.T.: 5.915 min
Delta R.T.: -0.009 min
Response: -65979815
Conc: N.D.



#17 4,4'-DDT

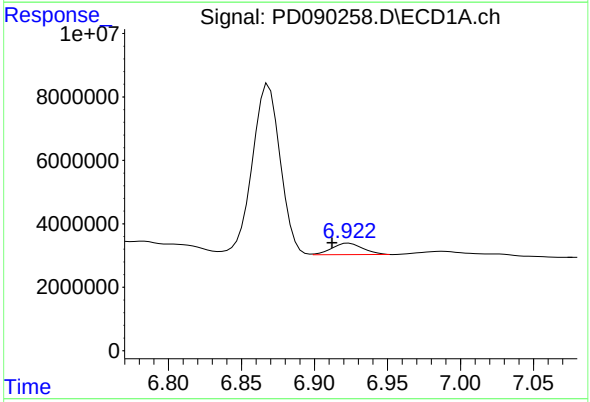
R.T.: 7.025 min
Delta R.T.: 0.007 min
Response: 437076
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



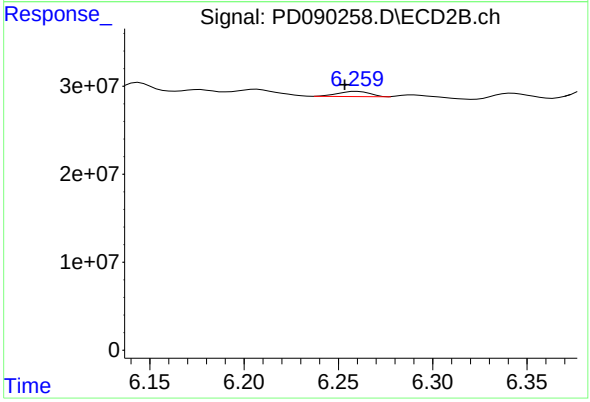
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 8130270
Conc: 0.32 ng/ml



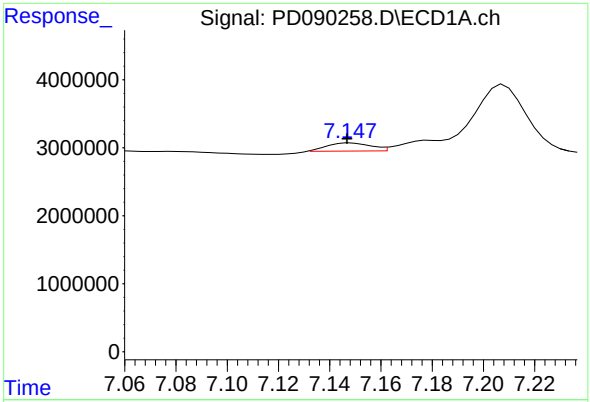
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.011 min
Response: 5311463
Conc: 1.85 ng/ml



#18 Endrin aldehyde

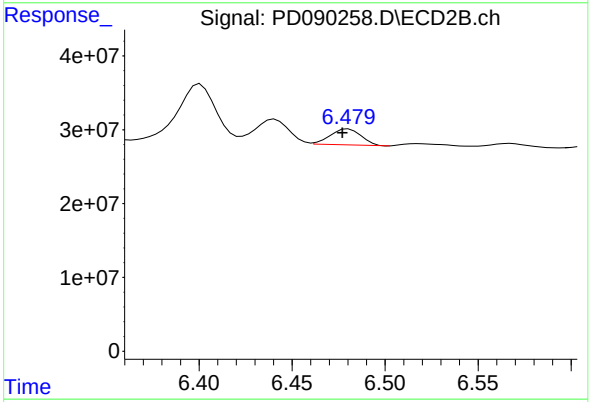
R.T.: 6.260 min
Delta R.T.: 0.007 min
Response: 6959274
Conc: 0.40 ng/ml



#19 Endosulfan Sulfate

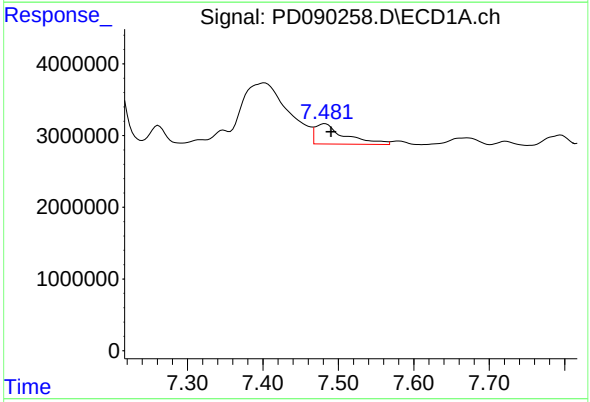
R.T.: 7.148 min
Delta R.T.: 0.002 min
Response: 1399860
Conc: 0.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



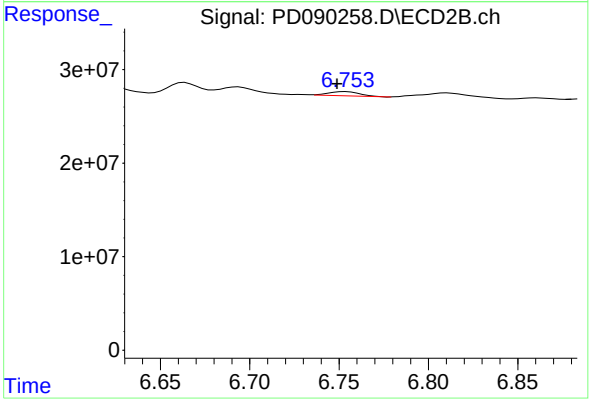
#19 Endosulfan Sulfate

R.T.: 6.480 min
Delta R.T.: 0.003 min
Response: 25048647
Conc: 1.03 ng/ml



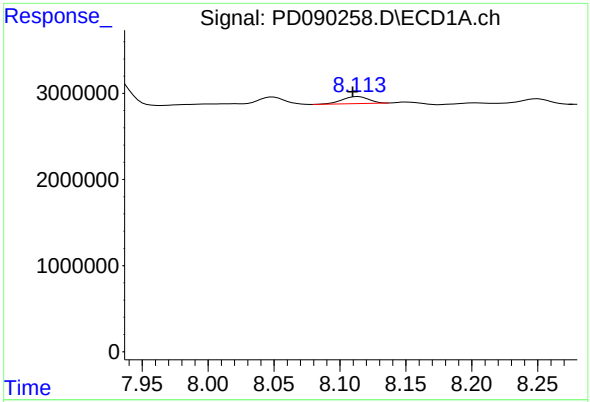
#20 Methoxychlor

R.T.: 7.482 min
Delta R.T.: -0.008 min
Response: 7781187
Conc: 3.88 ng/ml



#20 Methoxychlor

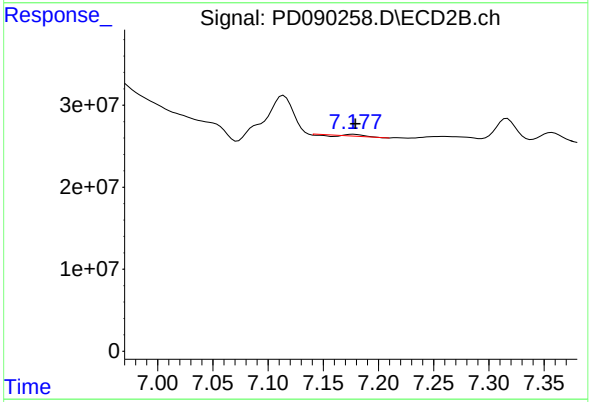
R.T.: 6.754 min
Delta R.T.: 0.005 min
Response: 5467647
Conc: 0.42 ng/ml



#22 Mirex

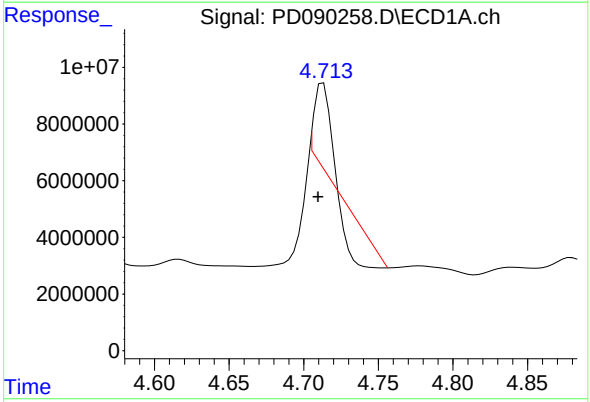
R.T.: 8.114 min
Delta R.T.: 0.004 min
Response: 1121620
Conc: 0.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



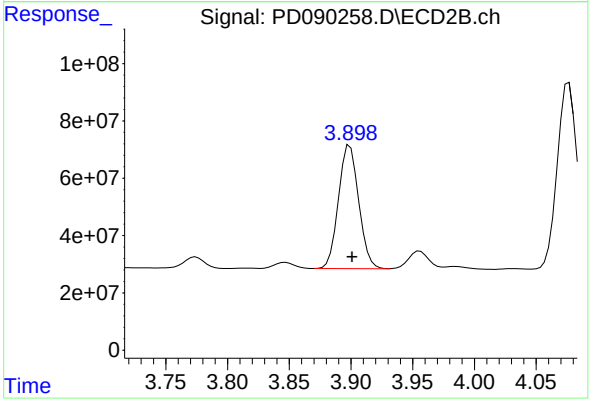
#22 Mirex

R.T.: 7.177 min
Delta R.T.: -0.002 min
Response: 1783711
Conc: 0.09 ng/ml



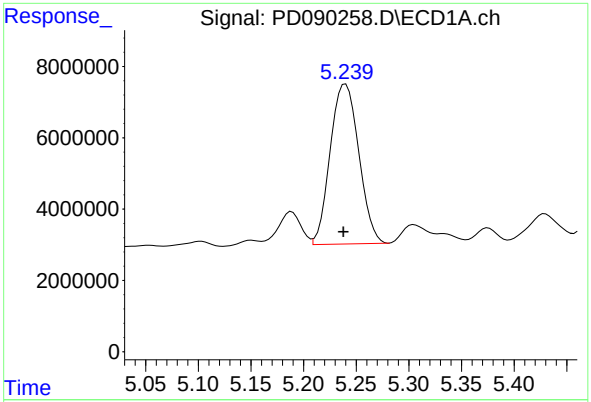
#23 Chlordane-1

R.T.: 4.713 min
Delta R.T.: 0.003 min
Response: 4557984
Conc: 26.54 ng/ml



#23 Chlordane-1

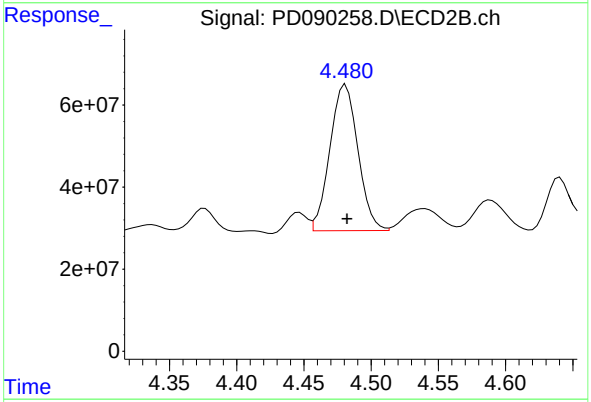
R.T.: 3.899 min
Delta R.T.: -0.002 min
Response: 491849351
Conc: 553.30 ng/ml



#24 Chlordane-2

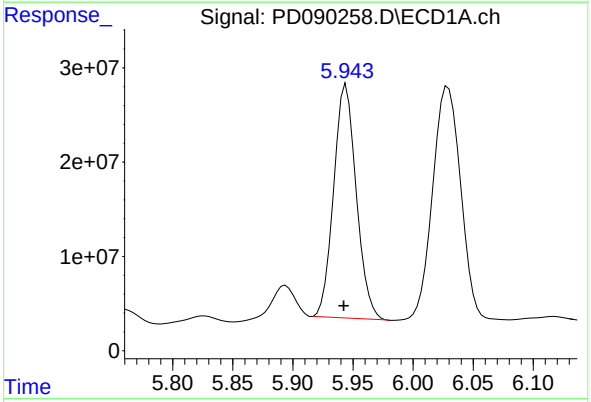
R.T.: 5.240 min
Delta R.T.: 0.002 min
Response: 84872989
Conc: 482.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



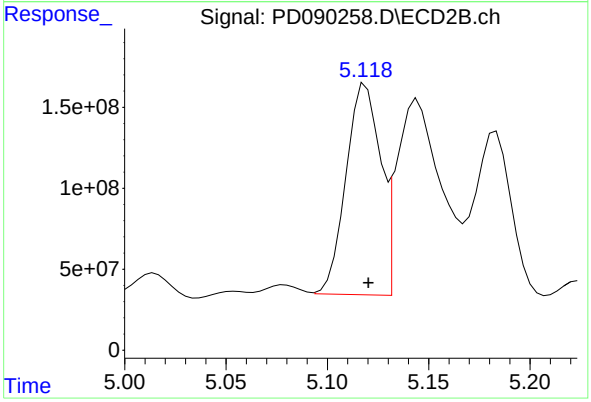
#24 Chlordane-2

R.T.: 4.481 min
Delta R.T.: -0.001 min
Response: 514595870
Conc: 537.18 ng/ml



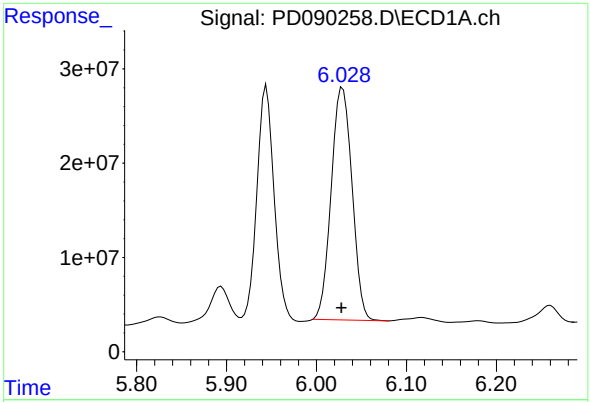
#25 Chlordane-3

R.T.: 5.944 min
Delta R.T.: 0.002 min
Response: 323508619
Conc: 477.01 ng/ml



#25 Chlordane-3

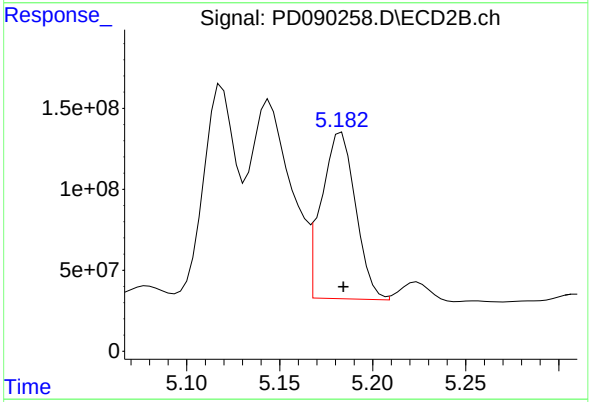
R.T.: 5.119 min
Delta R.T.: -0.001 min
Response: 1531784567
Conc: 552.80 ng/ml



#26 Chlordane-4

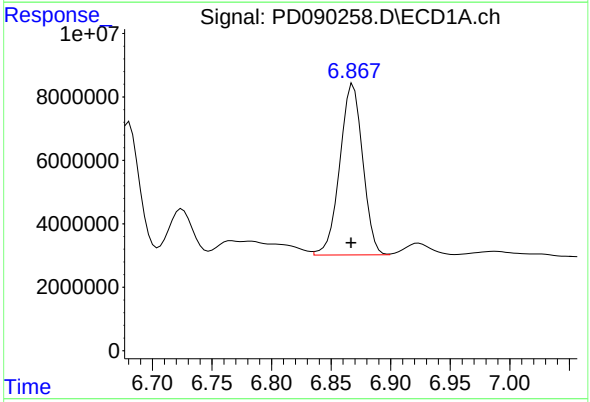
R.T.: 6.029 min
Delta R.T.: 0.001 min
Response: 398122031
Conc: 479.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



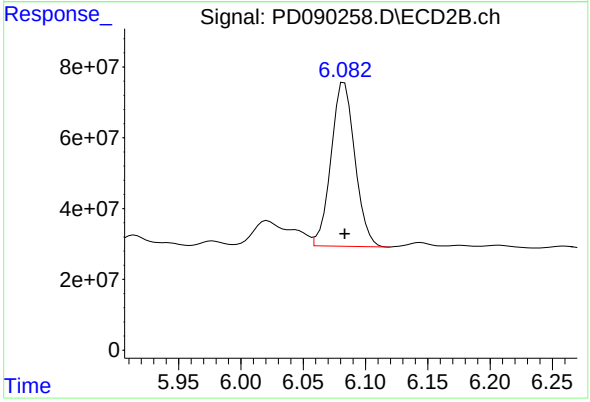
#26 Chlordane-4

R.T.: 5.183 min
Delta R.T.: -0.001 min
Response: 1312807710
Conc: 545.43 ng/ml



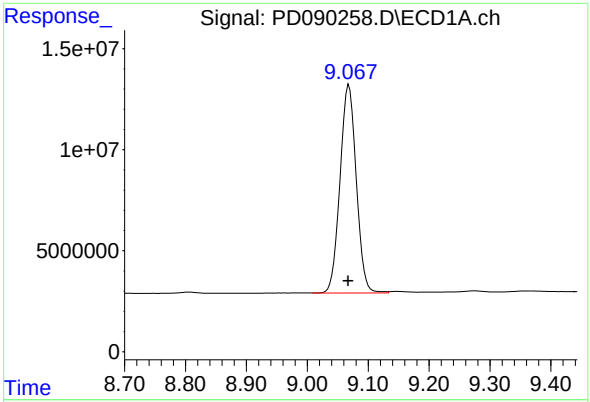
#27 Chlordane-5

R.T.: 6.869 min
Delta R.T.: 0.002 min
Response: 72177742
Conc: 514.98 ng/ml



#27 Chlordane-5

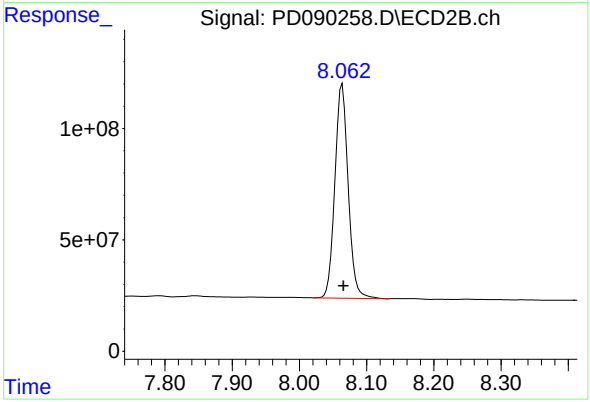
R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 618157252
Conc: 561.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.001 min
Response: 190869411
Conc: 44.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.002 min
Response: 1311564626
Conc: 50.67 ng/ml