Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081924\
Data File : PD084532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2024 16:53
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: Aug 20 05:54:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081924.M
Quant Title : GC Extractables
QLast Update : Tue Aug 20 02:28:13 2024
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...	3.583	2.927	18494075	114.2E6	21.775	20.589	
28)	SA Decachlor...	9.112	8.135	31599959	99779003	18.204	21.623	
	Target Compounds							
2)	A alpha-BHC	4.031	3.439	14861452	94506713	9.972	11.426	
3)	MA gamma-BHC...	4.362	3.776	15555960	87766513	10.337	11.095	
5)	MB Aldrin	0.000	4.421	0	417246	N.D.	0.056	#
6)	B beta-BHC	4.543	4.068	7230177	40122786	11.144	11.327	
7)	B delta-BHC	4.806	4.304	350736	481566	0.229	0.059	#
8)	B Heptachlo...	5.718	4.937	200858	996322	0.129	0.147	
9)	A Endosulfan I	6.106	5.293	152452	717688	0.099	0.113	
10)	B gamma-Chl...	0.000	5.174	0	1718934	N.D.	0.242	#
11)	B alpha-Chl...	6.070	5.243	1211651	919677	0.755	0.135	#
12)	B 4,4'-DDE	6.234	5.429	176050	968432	0.113	0.140	
13)	MA Dieldrin	6.410f	5.561	49756	689957	0.031	0.097	#
14)	MA Endrin	6.607	5.844	65875319	305.3E6	46.336	46.420	
15)	B Endosulfa...	6.801f	6.137	248620	3095549	0.167	0.510	#
16)	A 4,4'-DDD	6.736	5.983	1783283	10192995	1.520	1.772	
17)	MA 4,4'-DDT	7.052	6.239	132.9E6	539.3E6	96.302	90.936	
18)	B Endrin al...	6.948	6.313	1739305	9619420	1.533	2.159	#
19)	B Endosulfa...	7.179	6.538	-22059	1184453	N.D.	0.220	
20)	A Methoxychlor	7.522	6.811	178.5E6	594.7E6	234.910	198.140	
21)	B Endrin ke...	7.663	7.049	4127665	23952340	2.572	3.788	#
22)	Mirex	8.150	7.247	41099	1524514	0.033	0.337	#
23)	Chlordane-1	0.000	3.983f	0	640579	N.D.	2.698	#
24)	Chlordane-2	0.000	4.550	0	607198	N.D.	2.320	#
25)	Chlordane-3	0.000	5.174	0	1718934	N.D.	2.436	#
26)	Chlordane-4	6.070	5.243	1211651	919677	4.123	1.607	#
27)	Chlordane-5	6.892	6.137	56784	3095549	1.131	11.064	#

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

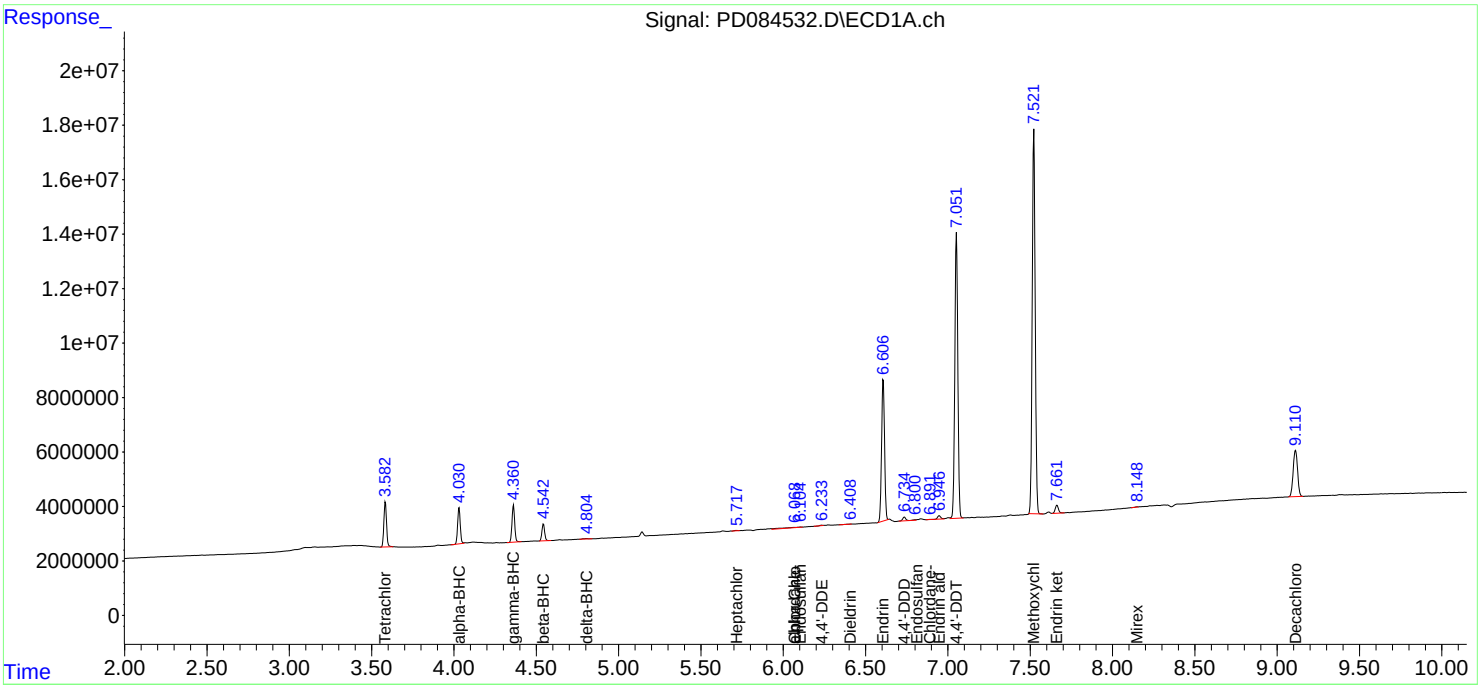
Quantitation Report (Not Reviewed)

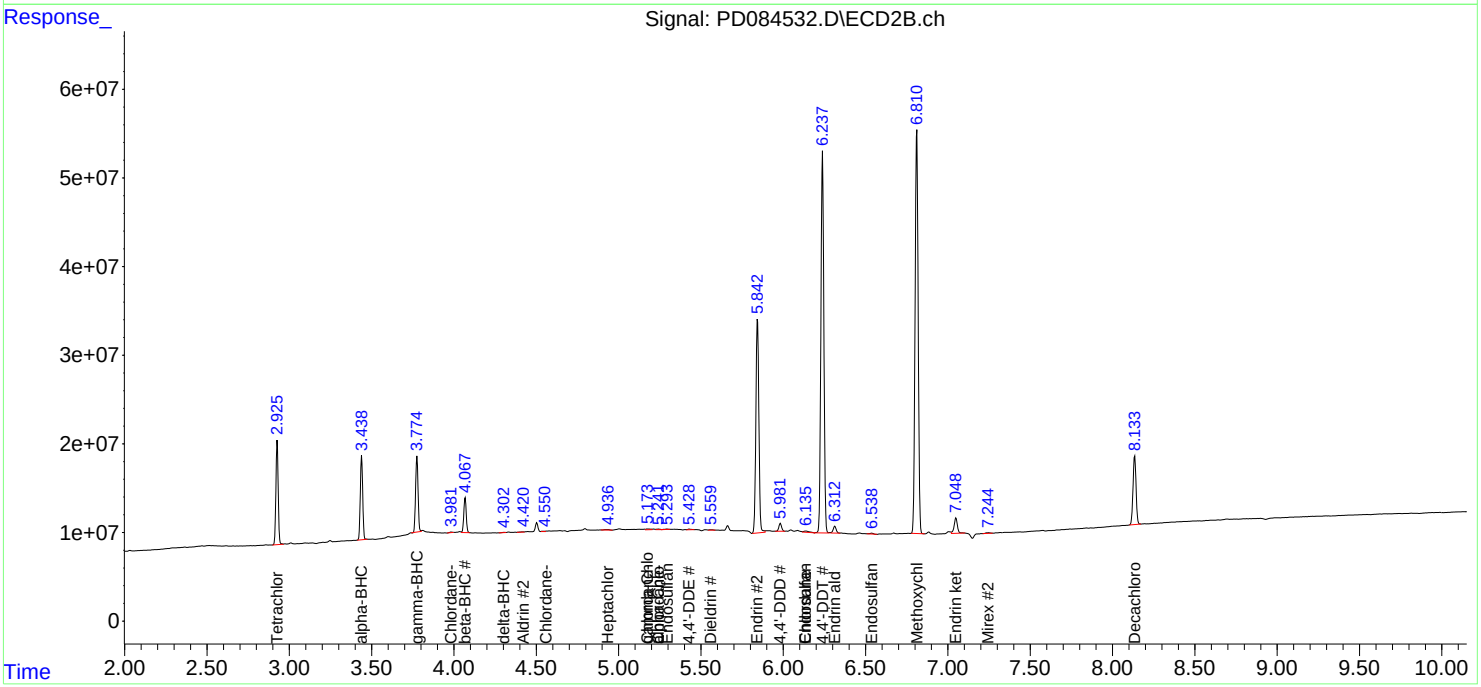
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081924\
Data File : PD084532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2024 16:53
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

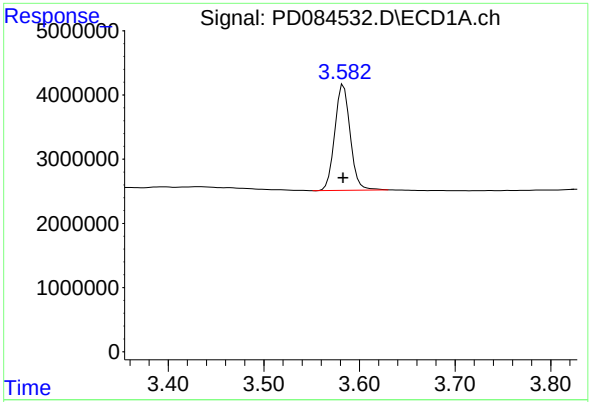
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:54:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081924.M
Quant Title : GC Extractables
QLast Update : Tue Aug 20 02:28:13 2024
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



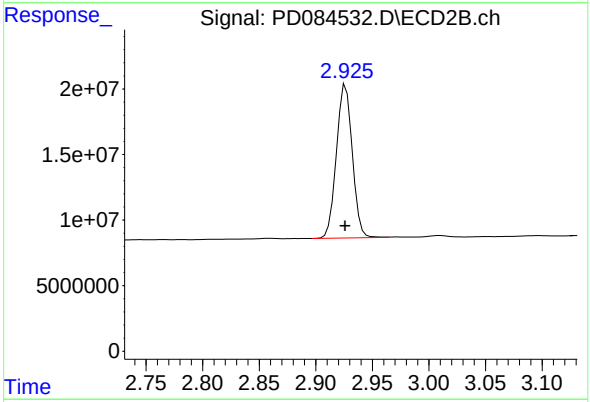




#1 Tetrachloro-m-xylene

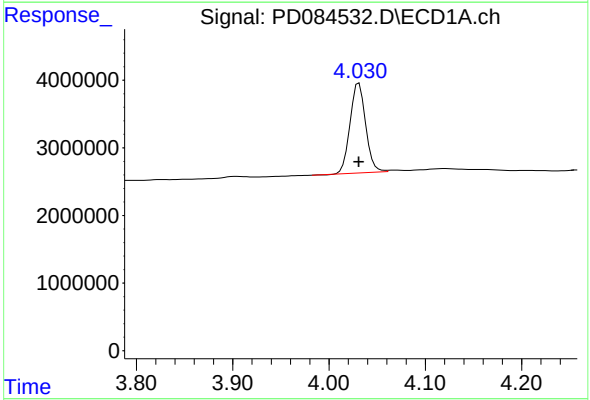
R.T.: 3.583 min
Delta R.T.: 0.000 min
Response: 18494075
Conc: 21.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



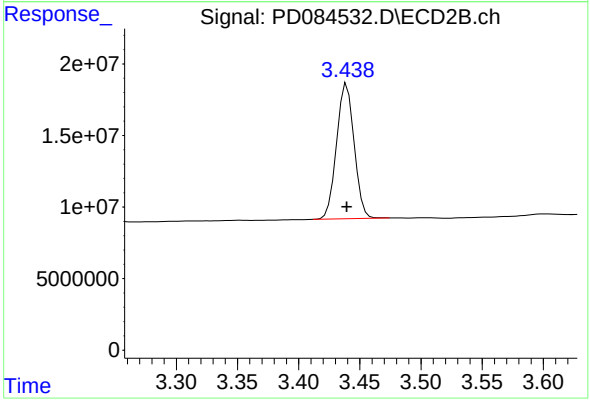
#1 Tetrachloro-m-xylene

R.T.: 2.927 min
Delta R.T.: 0.000 min
Response: 114224999
Conc: 20.59 ng/ml



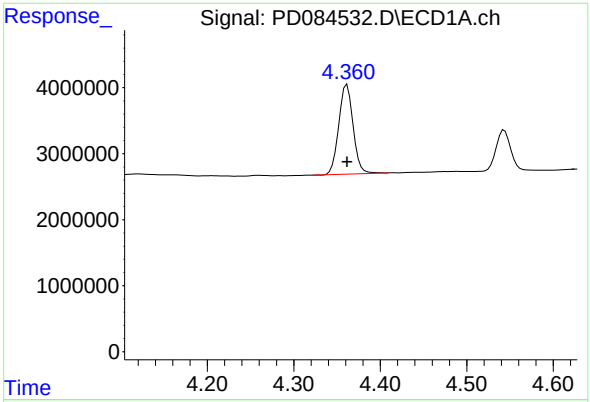
#2 alpha-BHC

R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 14861452
Conc: 9.97 ng/ml



#2 alpha-BHC

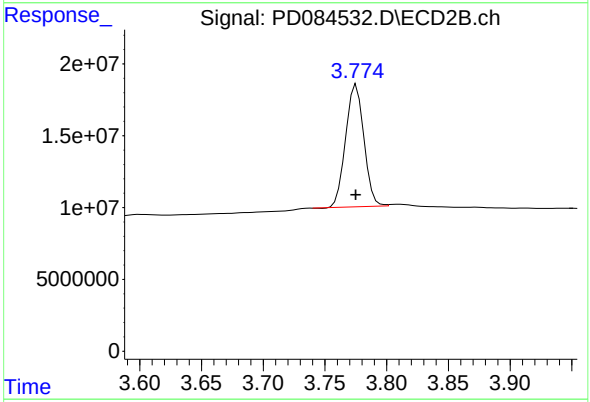
R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 94506713
Conc: 11.43 ng/ml



#3 gamma-BHC (Lindane)

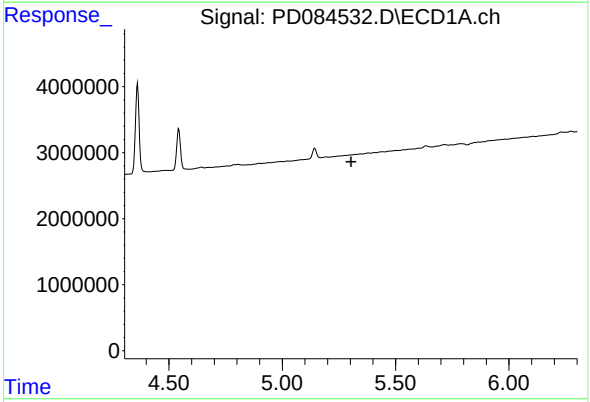
R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 15555960
Conc: 10.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



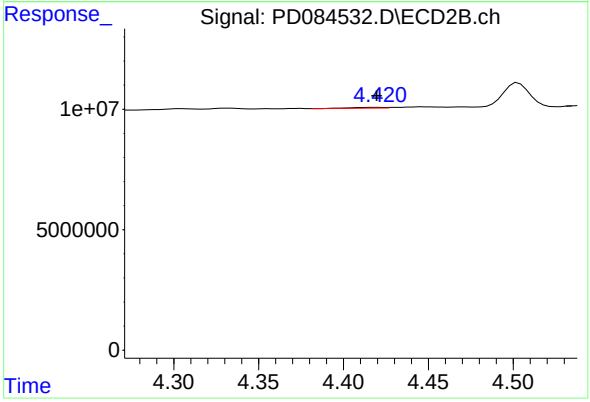
#3 gamma-BHC (Lindane)

R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 87766513
Conc: 11.10 ng/ml



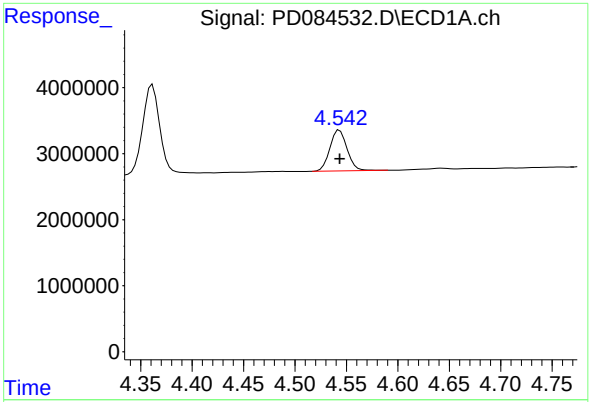
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.304 min
Response: 0
Conc: N.D.



#5 Aldrin

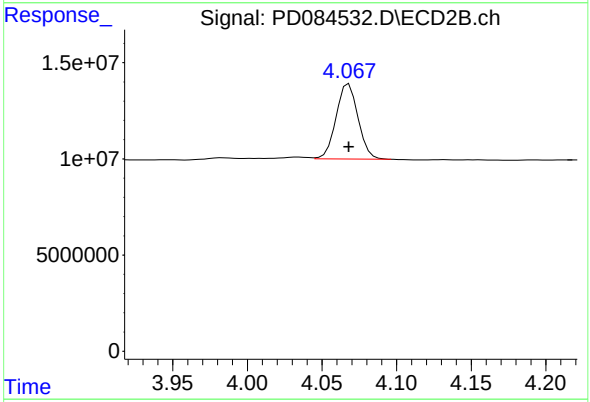
R.T.: 4.421 min
Delta R.T.: 0.002 min
Response: 417246
Conc: 0.06 ng/ml



#6 beta-BHC

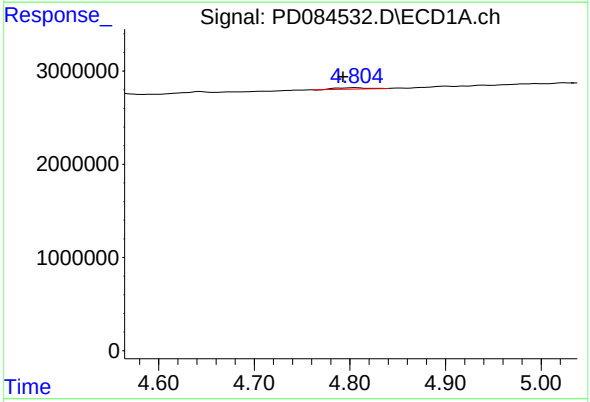
R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 7230177
Conc: 11.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



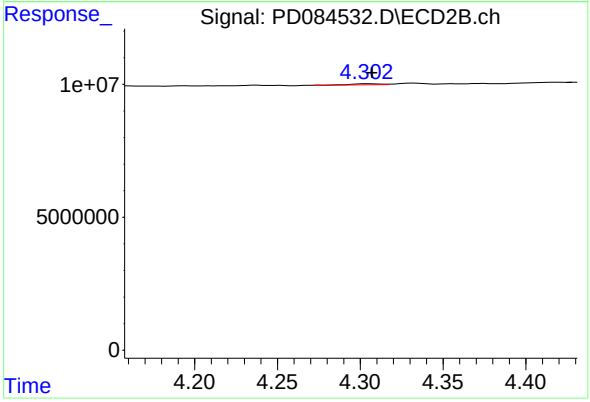
#6 beta-BHC

R.T.: 4.068 min
Delta R.T.: 0.000 min
Response: 40122786
Conc: 11.33 ng/ml



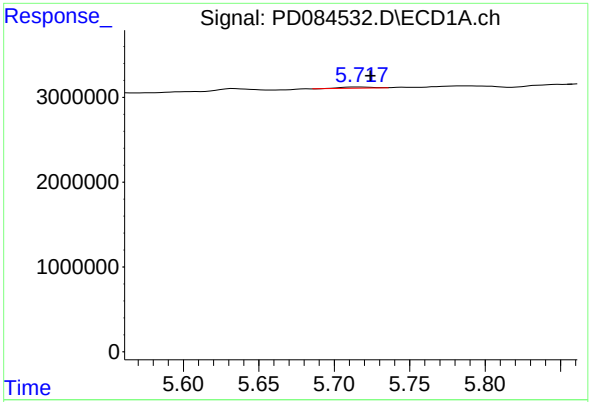
#7 delta-BHC

R.T.: 4.806 min
Delta R.T.: 0.013 min
Response: 350736
Conc: 0.23 ng/ml



#7 delta-BHC

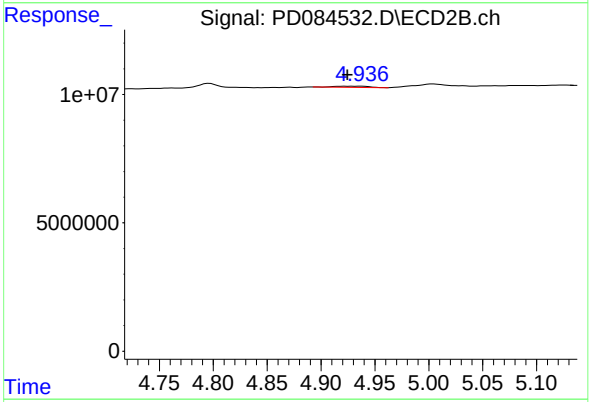
R.T.: 4.304 min
Delta R.T.: -0.003 min
Response: 481566
Conc: 0.06 ng/ml



#8 Heptachlor epoxide

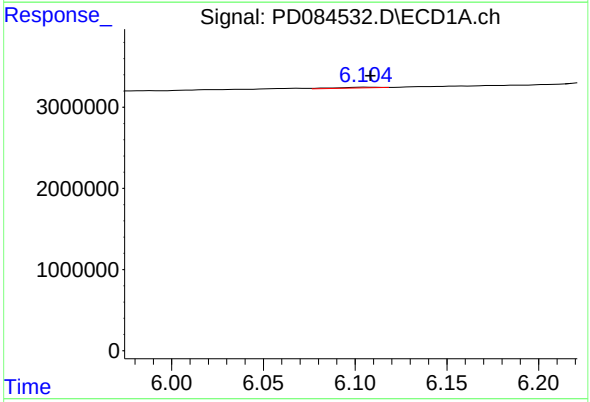
R.T.: 5.718 min
Delta R.T.: -0.006 min
Response: 200858
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



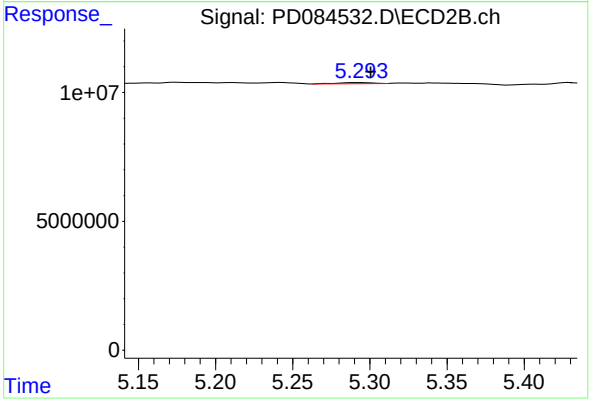
#8 Heptachlor epoxide

R.T.: 4.937 min
Delta R.T.: 0.013 min
Response: 996322
Conc: 0.15 ng/ml



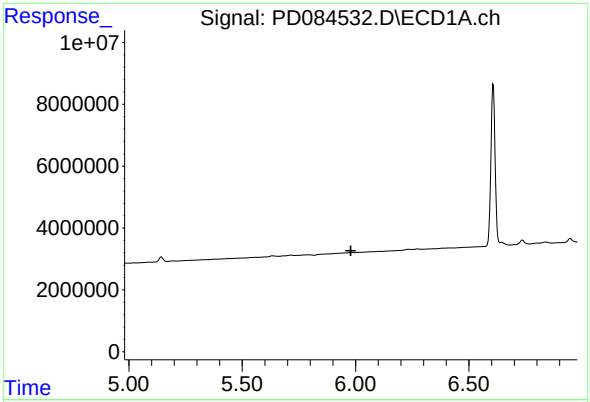
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 152452
Conc: 0.10 ng/ml



#9 Endosulfan I

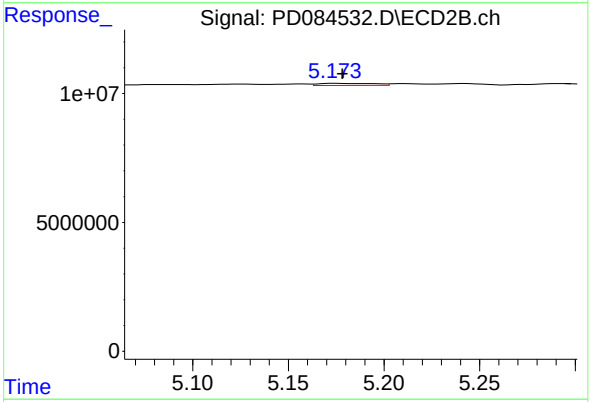
R.T.: 5.293 min
Delta R.T.: -0.007 min
Response: 717688
Conc: 0.11 ng/ml



#10 gamma-Chlordane

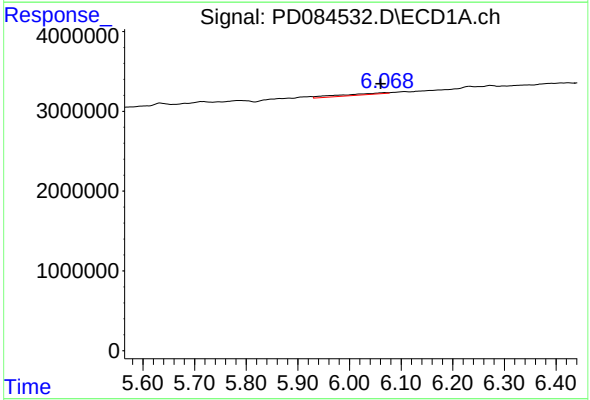
R.T.: 0.000 min
Exp R.T. : 5.979 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



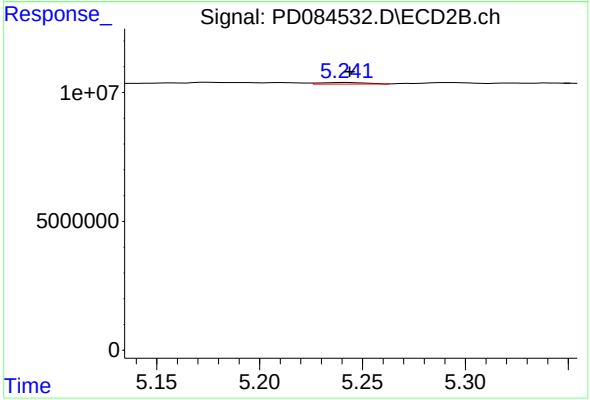
#10 gamma-Chlordane

R.T.: 5.174 min
Delta R.T.: -0.004 min
Response: 1718934
Conc: 0.24 ng/ml



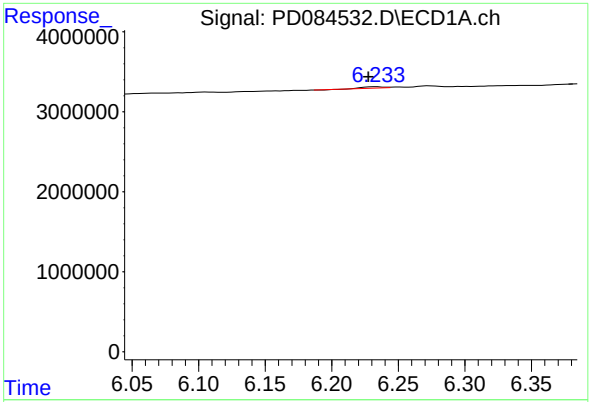
#11 alpha-Chlordane

R.T.: 6.070 min
Delta R.T.: 0.009 min
Response: 1211651
Conc: 0.75 ng/ml



#11 alpha-Chlordane

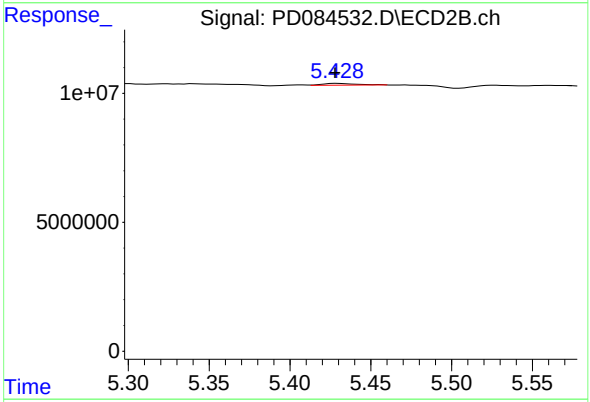
R.T.: 5.243 min
Delta R.T.: -0.001 min
Response: 919677
Conc: 0.14 ng/ml



#12 4,4'-DDE

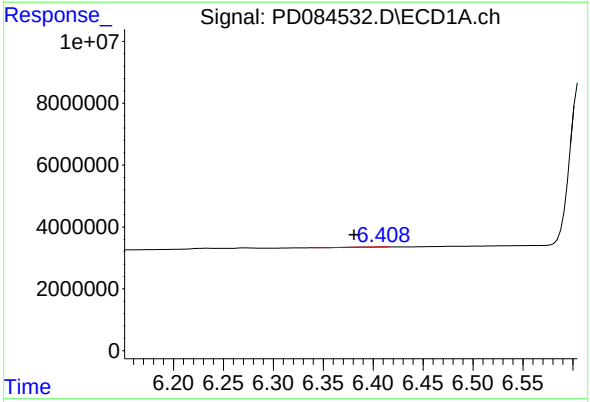
R.T.: 6.234 min
Delta R.T.: 0.006 min
Response: 176050
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



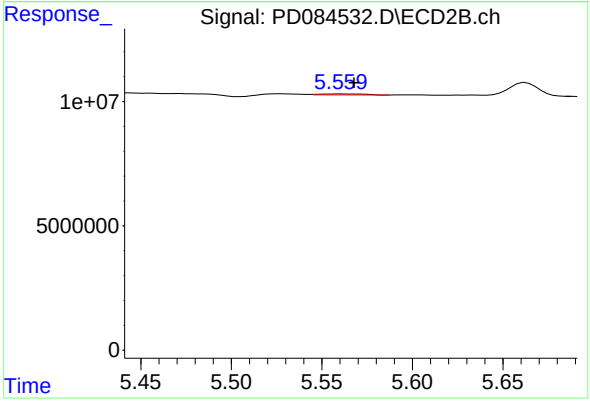
#12 4,4'-DDE

R.T.: 5.429 min
Delta R.T.: 0.001 min
Response: 968432
Conc: 0.14 ng/ml



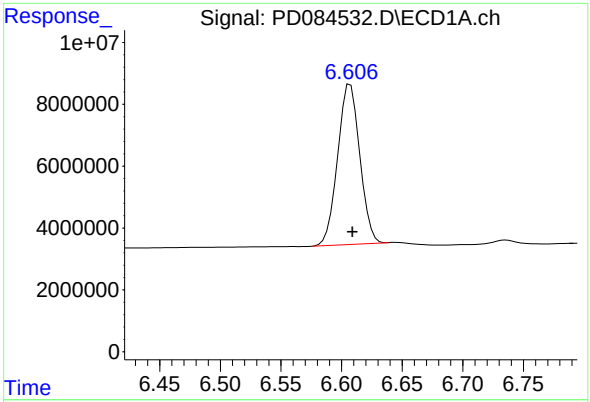
#13 Dieldrin

R.T.: 6.410 min
Delta R.T.: 0.029 min
Response: 49756
Conc: 0.03 ng/ml



#13 Dieldrin

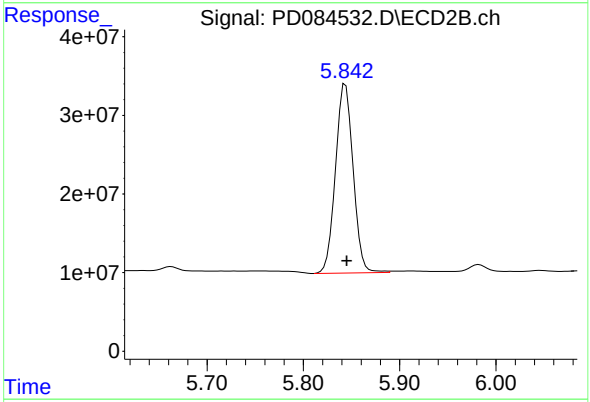
R.T.: 5.561 min
Delta R.T.: -0.007 min
Response: 689957
Conc: 0.10 ng/ml



#14 Endrin

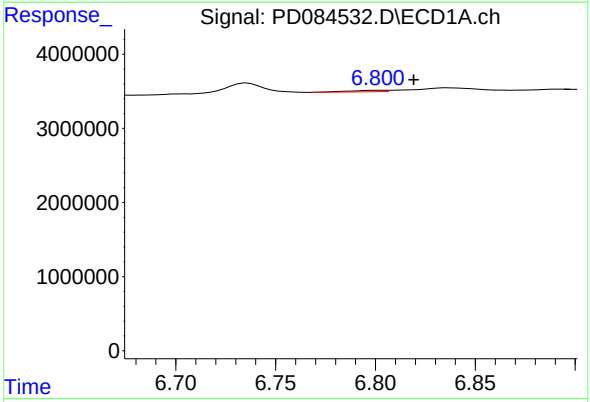
R.T.: 6.607 min
Delta R.T.: -0.002 min
Response: 65875319
Conc: 46.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



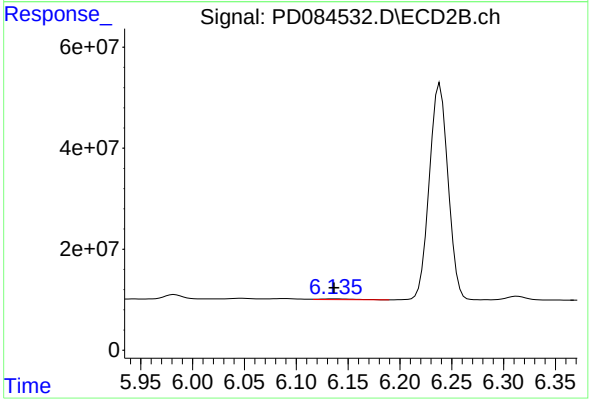
#14 Endrin

R.T.: 5.844 min
Delta R.T.: -0.001 min
Response: 305329615
Conc: 46.42 ng/ml



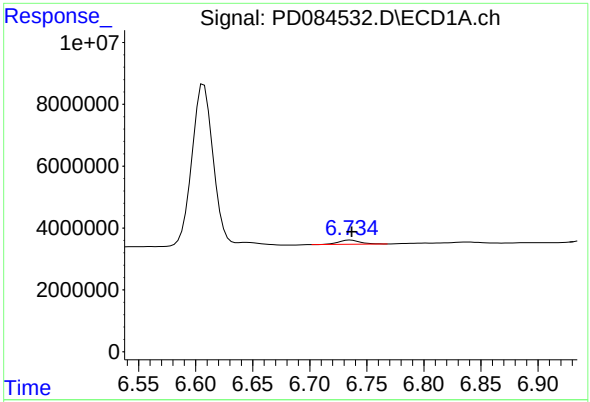
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: -0.018 min
Response: 248620
Conc: 0.17 ng/ml



#15 Endosulfan II

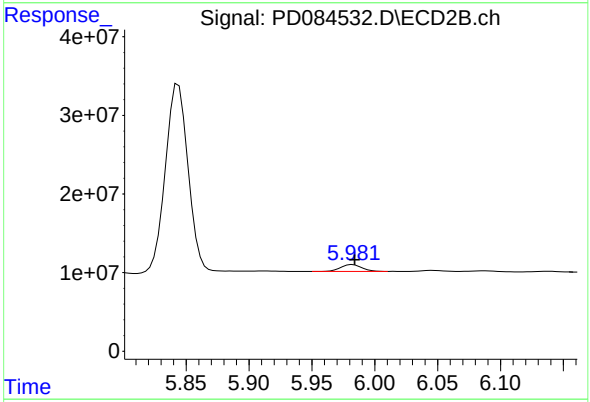
R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 3095549
Conc: 0.51 ng/ml



#16 4,4'-DDD

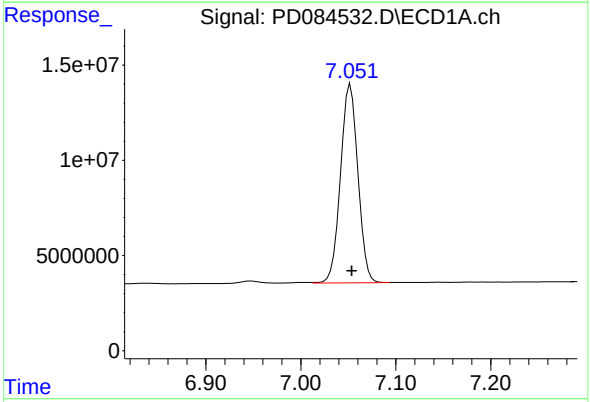
R.T.: 6.736 min
Delta R.T.: 0.000 min
Response: 1783283
Conc: 1.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



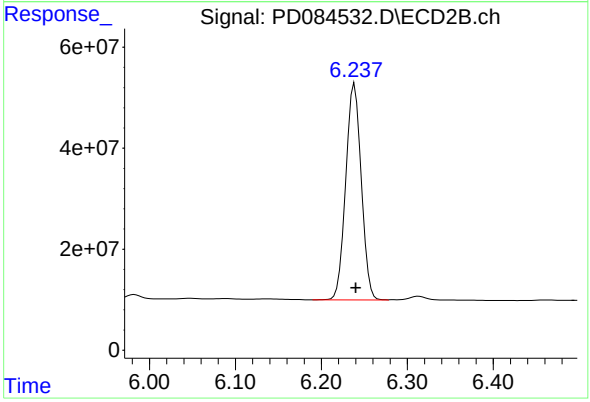
#16 4,4'-DDD

R.T.: 5.983 min
Delta R.T.: -0.002 min
Response: 10192995
Conc: 1.77 ng/ml



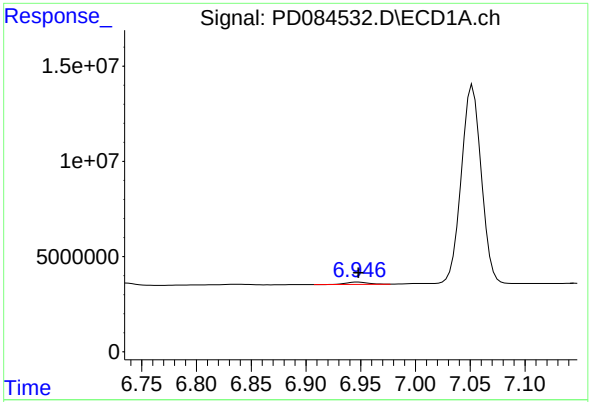
#17 4,4'-DDT

R.T.: 7.052 min
Delta R.T.: -0.001 min
Response: 132869196
Conc: 96.30 ng/ml



#17 4,4'-DDT

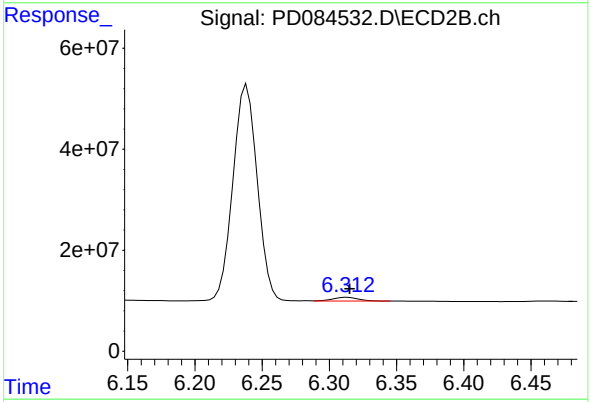
R.T.: 6.239 min
Delta R.T.: -0.001 min
Response: 539342829
Conc: 90.94 ng/ml



#18 Endrin aldehyde

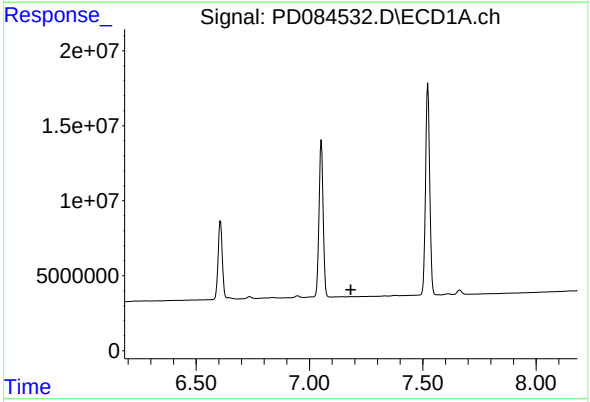
R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 1739305
Conc: 1.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



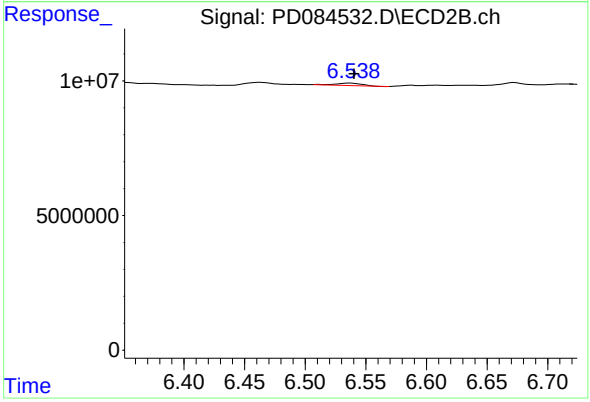
#18 Endrin aldehyde

R.T.: 6.313 min
Delta R.T.: -0.002 min
Response: 9619420
Conc: 2.16 ng/ml



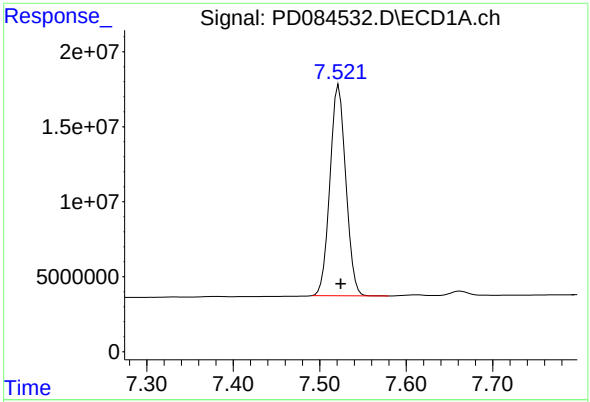
#19 Endosulfan Sulfate

R.T.: 7.179 min
Delta R.T.: -0.003 min
Response: -22059
Conc: N.D.



#19 Endosulfan Sulfate

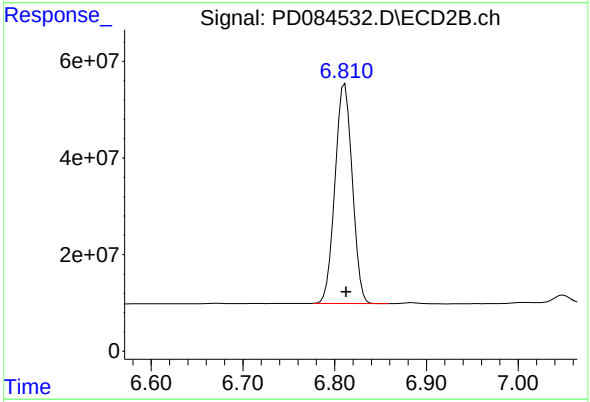
R.T.: 6.538 min
Delta R.T.: -0.003 min
Response: 1184453
Conc: 0.22 ng/ml



#20 Methoxychlor

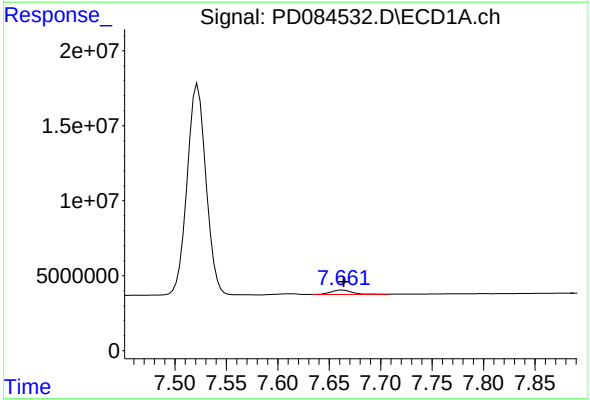
R.T.: 7.522 min
Delta R.T.: -0.002 min
Response: 178451936
Conc: 234.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



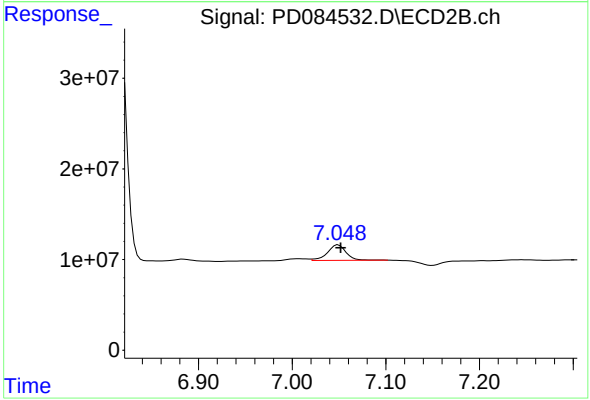
#20 Methoxychlor

R.T.: 6.811 min
Delta R.T.: -0.001 min
Response: 594732322
Conc: 198.14 ng/ml



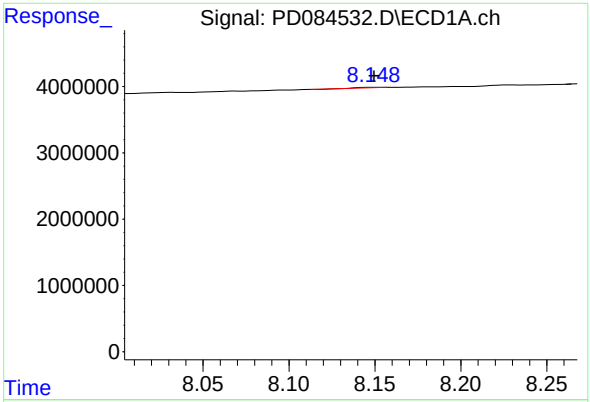
#21 Endrin ketone

R.T.: 7.663 min
Delta R.T.: -0.001 min
Response: 4127665
Conc: 2.57 ng/ml



#21 Endrin ketone

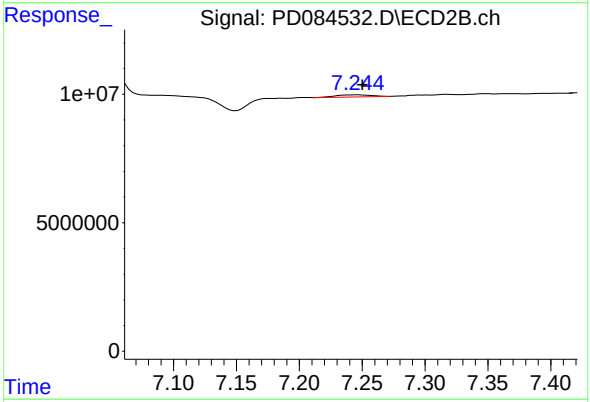
R.T.: 7.049 min
Delta R.T.: -0.002 min
Response: 23952340
Conc: 3.79 ng/ml



#22 Mirex

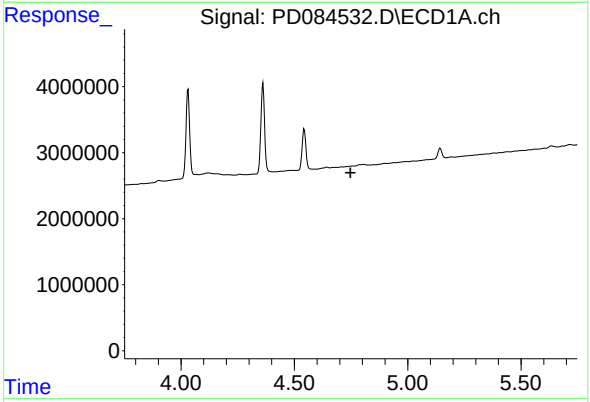
R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 41099
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



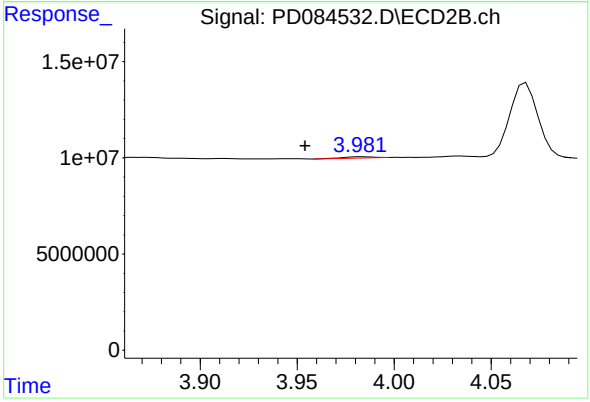
#22 Mirex

R.T.: 7.247 min
Delta R.T.: -0.003 min
Response: 1524514
Conc: 0.34 ng/ml



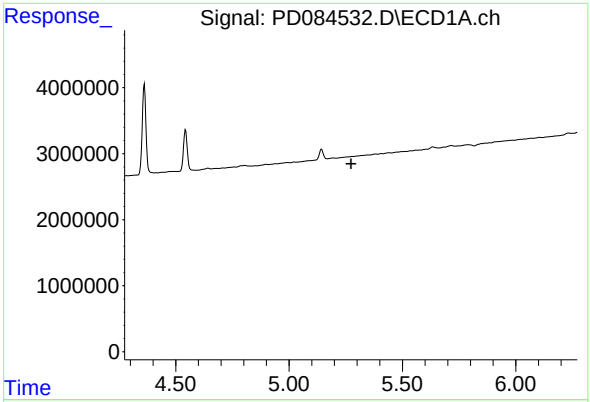
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.748 min
Response: 0
Conc: N.D.



#23 Chlordane-1

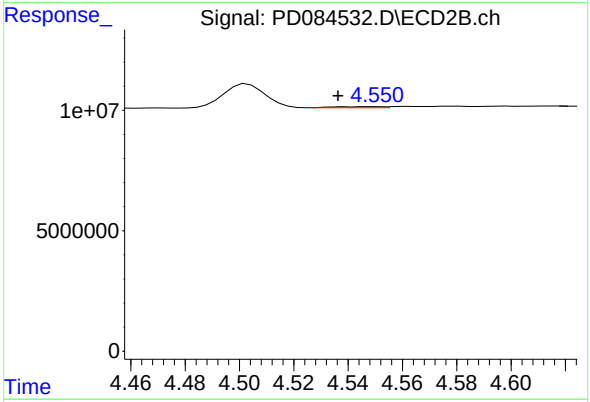
R.T.: 3.983 min
Delta R.T.: 0.029 min
Response: 640579
Conc: 2.70 ng/ml



#24 Chlordane-2

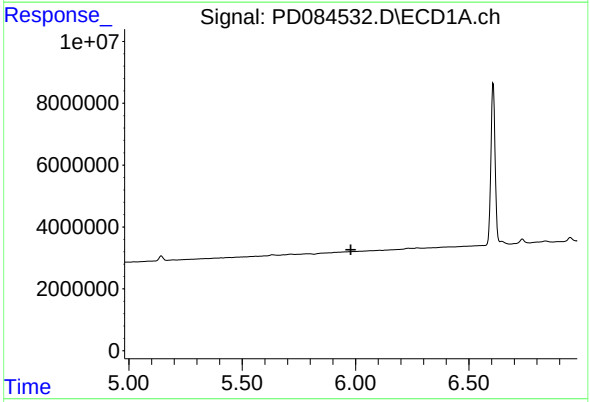
R.T.: 0.000 min
Exp R.T. : 5.274 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



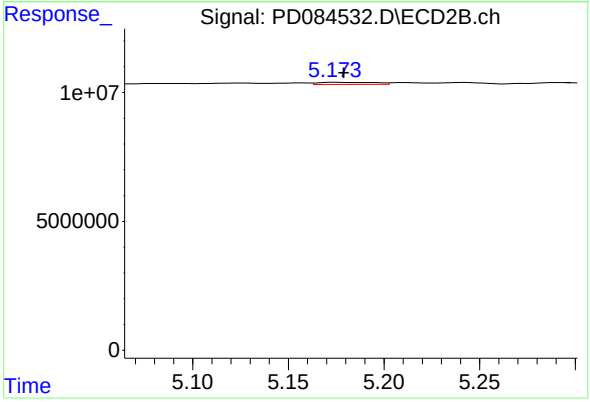
#24 Chlordane-2

R.T.: 4.550 min
Delta R.T.: 0.014 min
Response: 607198
Conc: 2.32 ng/ml



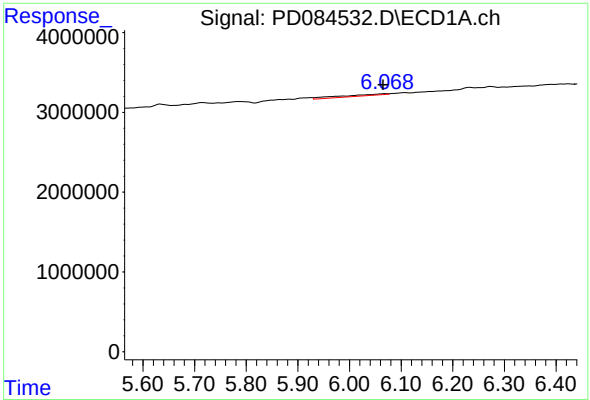
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.979 min
Response: 0
Conc: N.D.



#25 Chlordane-3

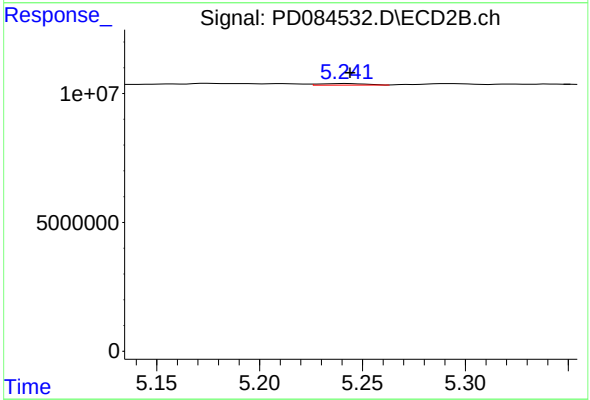
R.T.: 5.174 min
Delta R.T.: -0.005 min
Response: 1718934
Conc: 2.44 ng/ml



#26 Chlordane-4

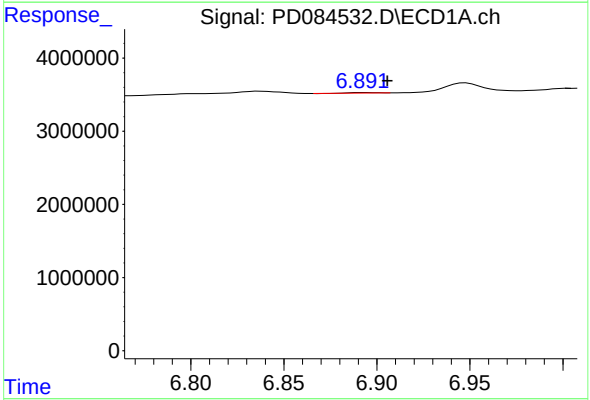
R.T.: 6.070 min
Delta R.T.: 0.004 min
Response: 1211651
Conc: 4.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



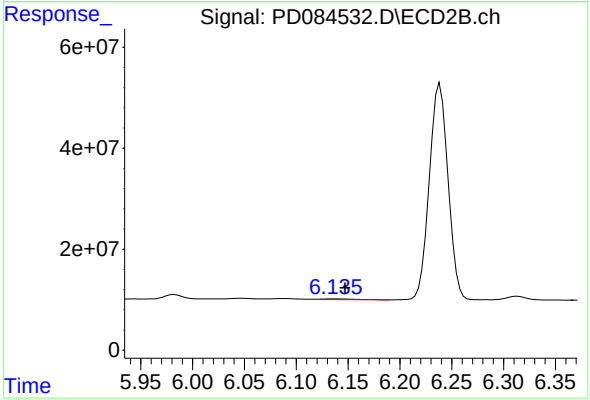
#26 Chlordane-4

R.T.: 5.243 min
Delta R.T.: -0.001 min
Response: 919677
Conc: 1.61 ng/ml



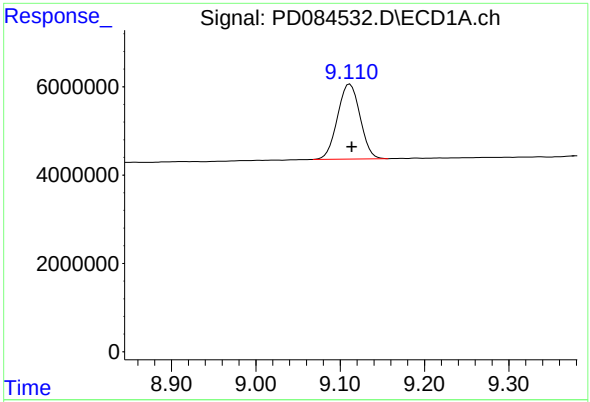
#27 Chlordane-5

R.T.: 6.892 min
Delta R.T.: -0.014 min
Response: 56784
Conc: 1.13 ng/ml



#27 Chlordane-5

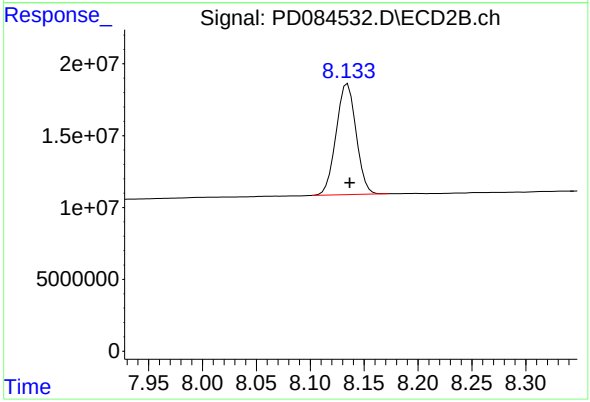
R.T.: 6.137 min
Delta R.T.: -0.010 min
Response: 3095549
Conc: 11.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: -0.002 min
Response: 31599959
Conc: 18.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.135 min
Delta R.T.: -0.002 min
Response: 99779003
Conc: 21.62 ng/ml