Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051525\
Data File : PD088567.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 15:59
Operator : AR\AJ
Sample : PCHLORCCC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 02:20:14 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...	3.558	2.882	108.7E6	859.8E6	54.437	58.800	
28)	SA Decachlor...	9.084	8.078	166.8E6	811.3E6	50.414	43.903	
	Target Compounds							
2)	A alpha-BHC	4.031f	3.386	5241462	2258346	1.216	0.099	#
3)	MA gamma-BHC...	4.306f	3.739	4451628	6567550	1.063	0.305	#
4)	MA Heptachlor	4.938	4.086	118.7E6	526.0E6	29.383	24.580	
5)	MB Aldrin	5.250f	4.386	83296451	53423871	21.090	2.568	#
6)	B beta-BHC	4.532f	4.041	158858	1475365	0.098	0.159	#
7)	B delta-BHC	4.787f	4.266	5203727	59762473	1.262	2.811	#
8)	B Heptachlo...	5.680	0.000	56917440	0	15.926	N.D.	#
9)	A Endosulfan I	0.000	5.267f	0	936130	N.D.	0.052	#
10)	B gamma-Chl...	5.955	5.129	341.4E6	1119.0E6	94.255	55.134	#
11)	B alpha-Chl...	6.041	5.193	407.5E6	938.6E6	112.895	47.879	#
12)	B 4,4'-DDE	6.191	5.378	-996295	9181562	N.D.	0.466	
13)	MA Dieldrin	6.363	5.498f	12429041	24175461	3.483	1.213	#
14)	MA Endrin	0.000	5.795	0	90611862	N.D.	4.978	#
15)	B Endosulfa...	6.794	6.094	6949937	408.6E6	2.223	23.321	#
16)	A 4,4'-DDD	6.692	5.926	43344156	-34130577	17.235	N.D.	#
17)	MA 4,4'-DDT	6.998f	6.187	3780288	7075274	1.361	0.416	#
18)	B Endrin al...	6.935f	6.271	5095593	5398570	2.208	0.406	#
19)	B Endosulfa...	7.158	6.491	319658	14947572	0.111	0.872	#
20)	A Methoxychlor	7.496	6.765	1084397	3365596	0.723	0.369	#
21)	B Endrin ke...	0.000	6.976f	0	6093113	N.D.	0.326	#
22)	Mirex	8.127	7.206f	-414	996934	N.D.	0.067	
23)	Chlordane-1	4.723	3.908	81514536	360.9E6	490.622	450.165	
24)	Chlordane-2	5.250	4.490	83296451	377.0E6	500.193	456.790	
25)	Chlordane-3	5.955	5.129	341.4E6	1119.0E6	506.125	442.457	
26)	Chlordane-4	6.041	5.193	407.5E6	938.6E6	499.805	438.959	
27)	Chlordane-5	6.879	6.094	64964080	408.6E6	478.130	423.207	

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

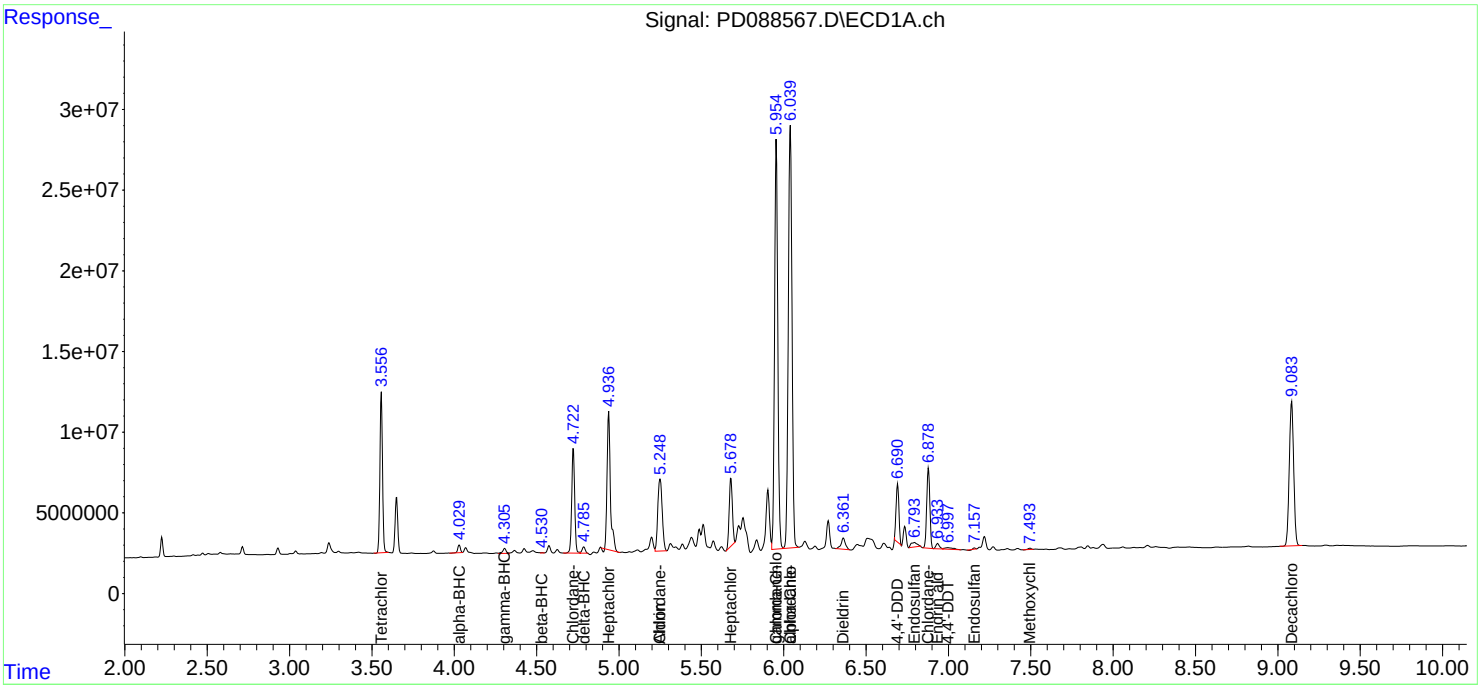
Quantitation Report (Not Reviewed)

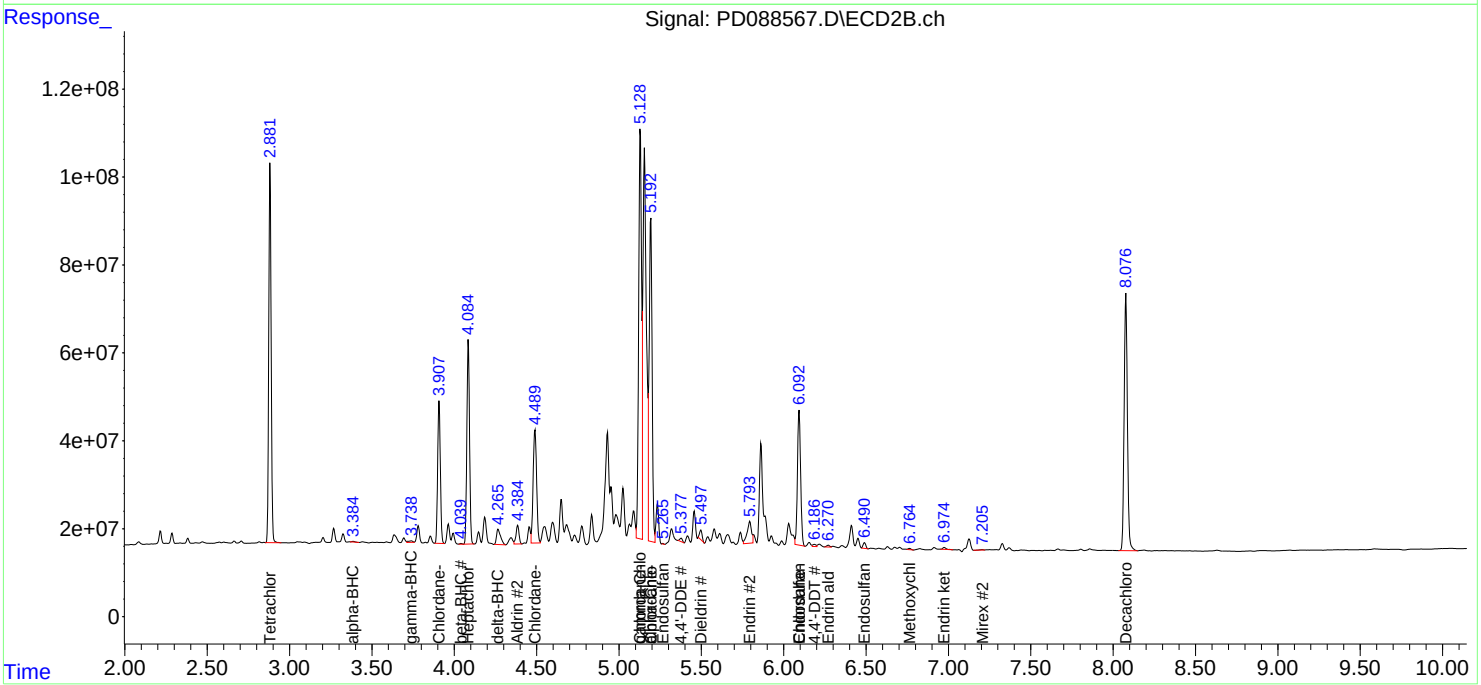
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051525\
Data File : PD088567.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 15:59
Operator : AR\AJ
Sample : PCHLORCCC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

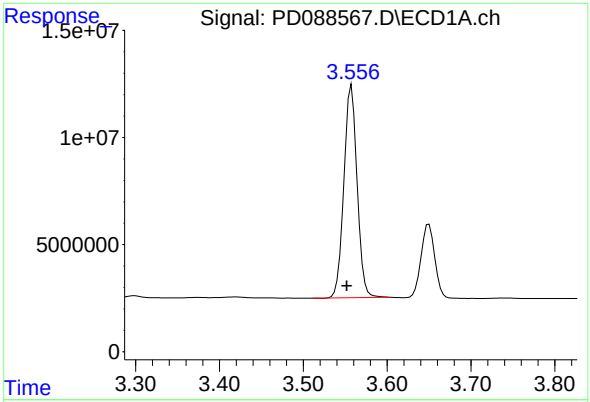
Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 02:20:14 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



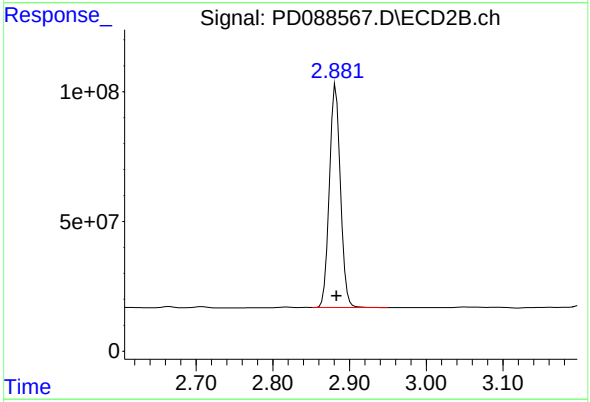




#1 Tetrachloro-m-xylene

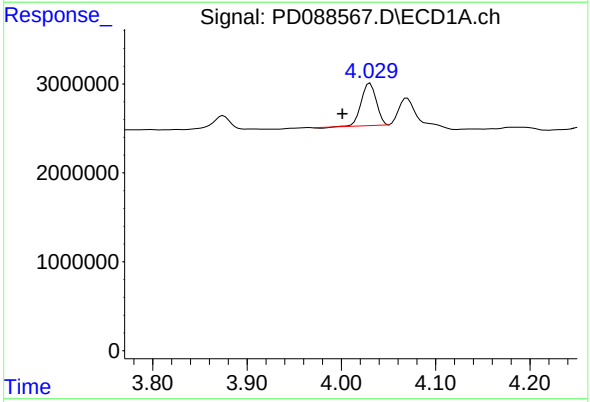
R.T.: 3.558 min
Delta R.T.: 0.006 min
Response: 108732866
Conc: 54.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



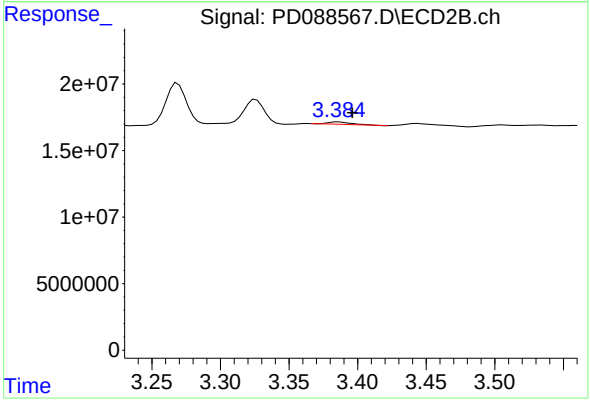
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 859751168
Conc: 58.80 ng/ml



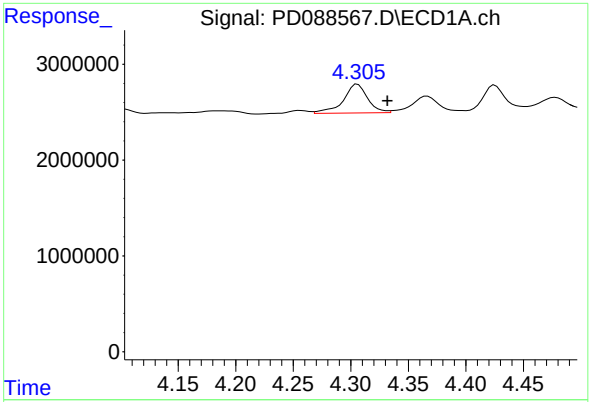
#2 alpha-BHC

R.T.: 4.031 min
Delta R.T.: 0.030 min
Response: 5241462
Conc: 1.22 ng/ml



#2 alpha-BHC

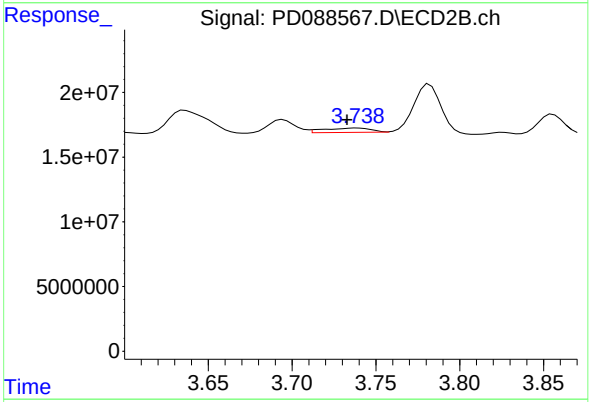
R.T.: 3.386 min
Delta R.T.: -0.010 min
Response: 2258346
Conc: 0.10 ng/ml



#3 gamma-BHC (Lindane)

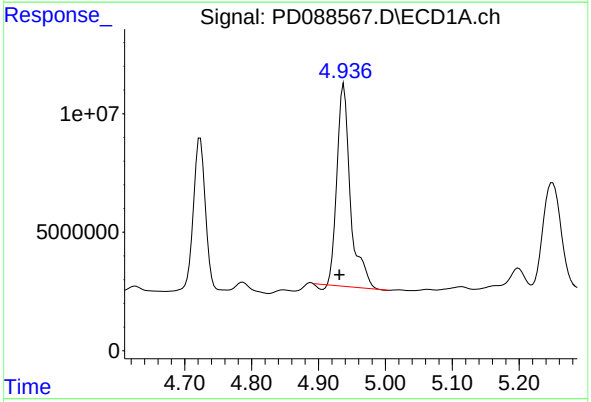
R.T.: 4.306 min
Delta R.T.: -0.026 min
Response: 4451628
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



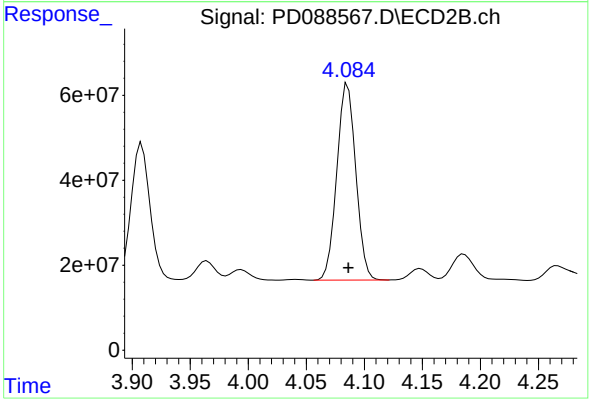
#3 gamma-BHC (Lindane)

R.T.: 3.739 min
Delta R.T.: 0.006 min
Response: 6567550
Conc: 0.30 ng/ml



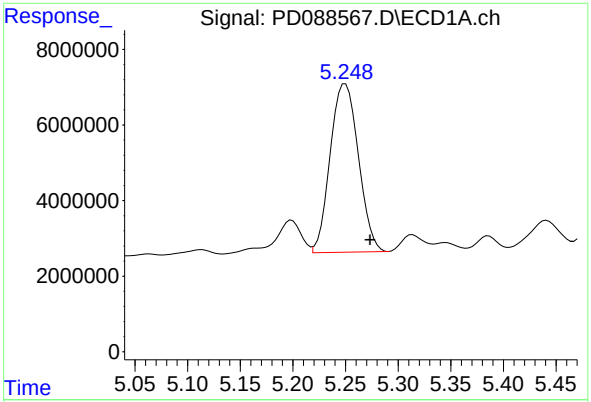
#4 Heptachlor

R.T.: 4.938 min
Delta R.T.: 0.007 min
Response: 118677086
Conc: 29.38 ng/ml



#4 Heptachlor

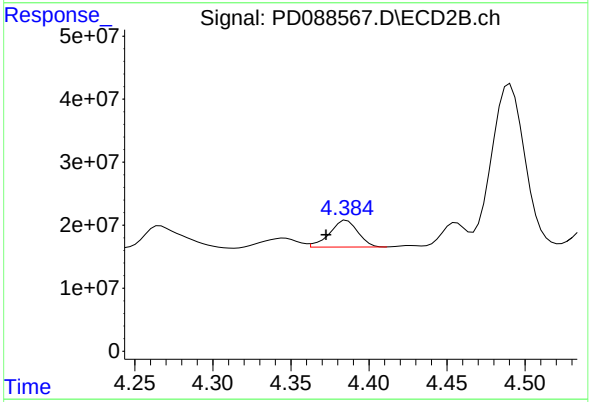
R.T.: 4.086 min
Delta R.T.: 0.000 min
Response: 525960954
Conc: 24.58 ng/ml



#5 Aldrin

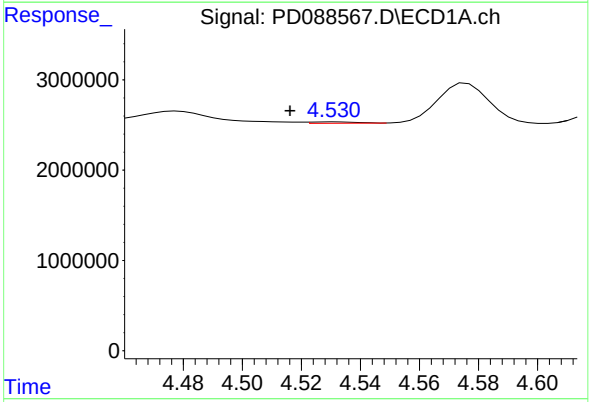
R.T.: 5.250 min
Delta R.T.: -0.024 min
Response: 83296451
Conc: 21.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



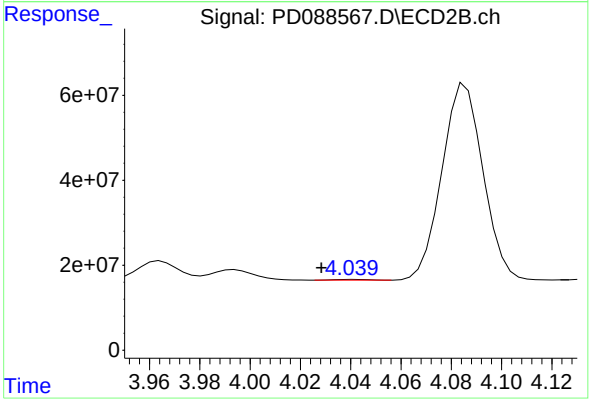
#5 Aldrin

R.T.: 4.386 min
Delta R.T.: 0.013 min
Response: 53423871
Conc: 2.57 ng/ml



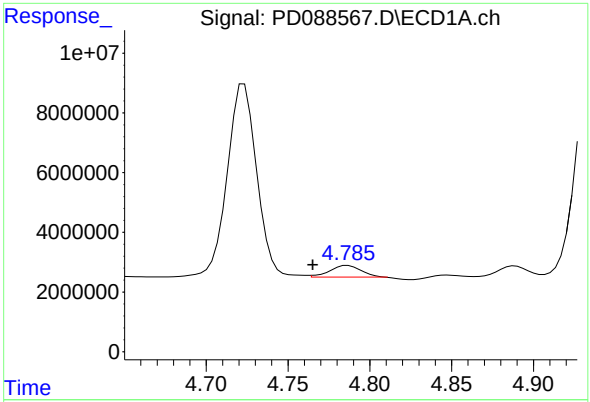
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.016 min
Response: 158858
Conc: 0.10 ng/ml



#6 beta-BHC

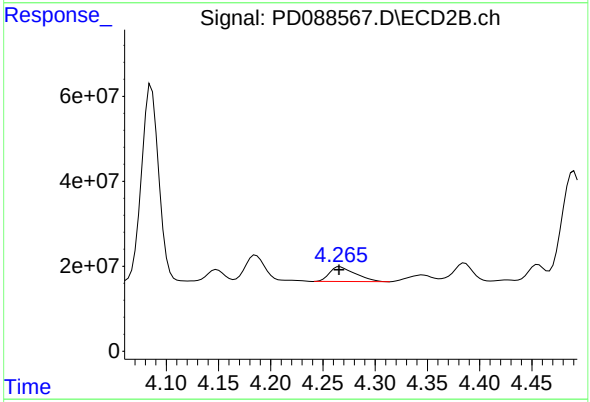
R.T.: 4.041 min
Delta R.T.: 0.012 min
Response: 1475365
Conc: 0.16 ng/ml



#7 delta-BHC

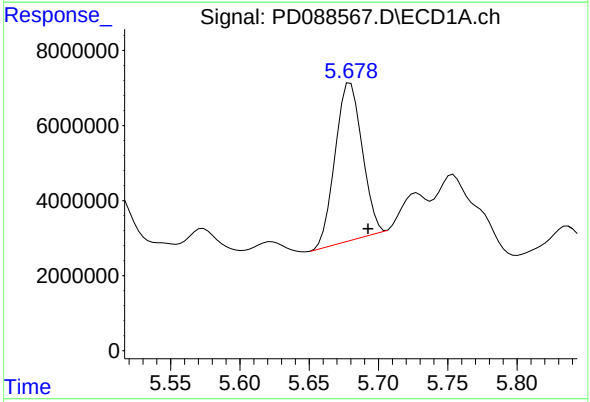
R.T.: 4.787 min
Delta R.T.: 0.022 min
Response: 5203727
Conc: 1.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



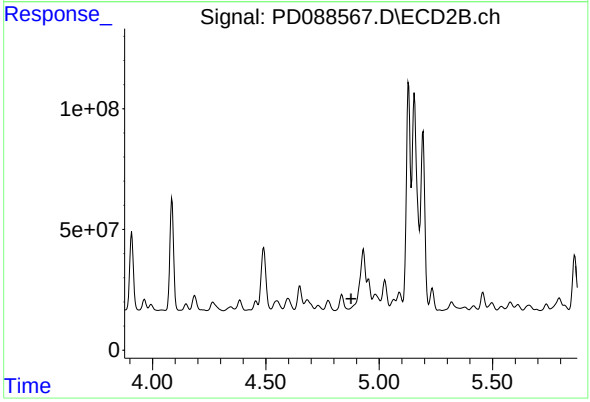
#7 delta-BHC

R.T.: 4.266 min
Delta R.T.: 0.000 min
Response: 59762473
Conc: 2.81 ng/ml



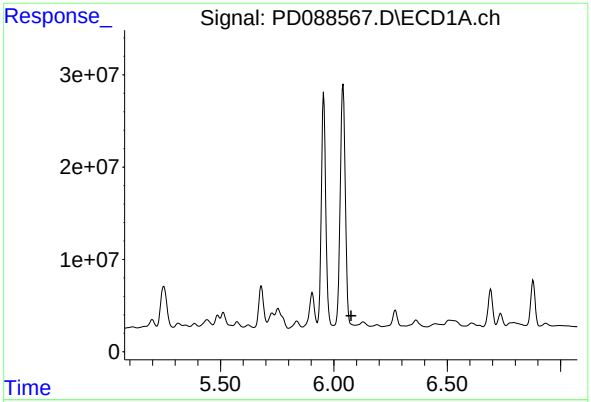
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.013 min
Response: 56917440
Conc: 15.93 ng/ml



#8 Heptachlor epoxide

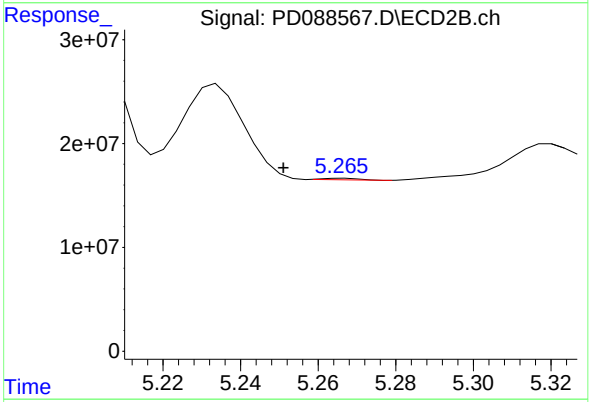
R.T.: 0.000 min
Exp R.T. : 4.877 min
Response: 0
Conc: N.D.



#9 Endosulfan I

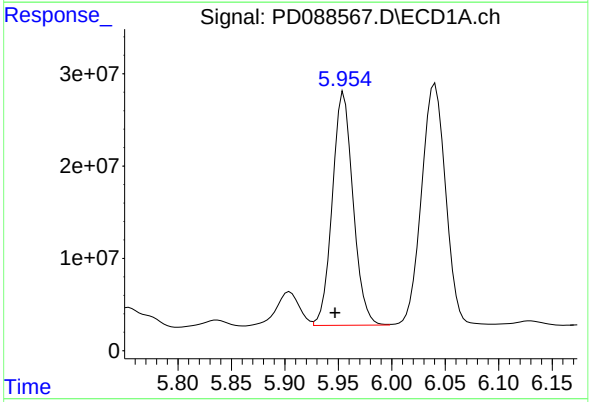
R.T.: 0.000 min
Exp R.T. : 6.076 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



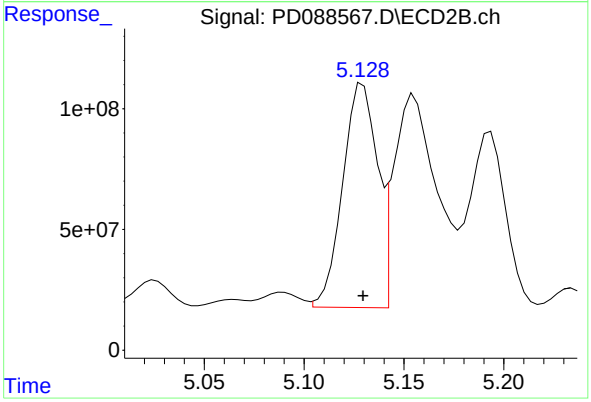
#9 Endosulfan I

R.T.: 5.267 min
Delta R.T.: 0.015 min
Response: 936130
Conc: 0.05 ng/ml



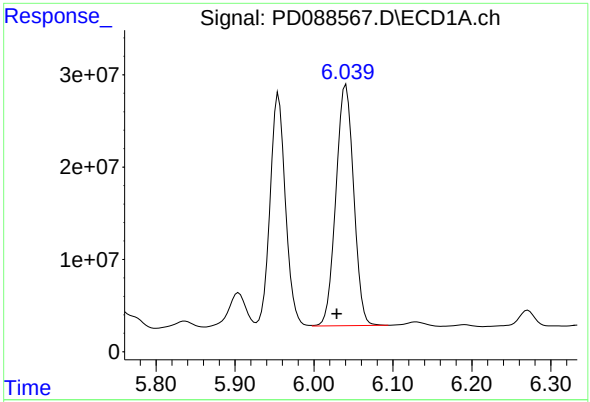
#10 gamma-Chlordane

R.T.: 5.955 min
Delta R.T.: 0.008 min
Response: 341396655
Conc: 94.26 ng/ml



#10 gamma-Chlordane

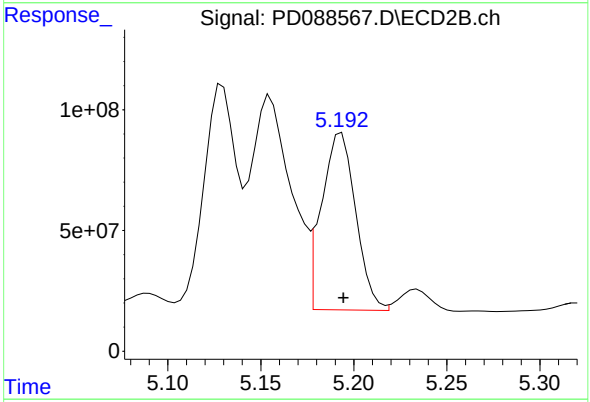
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 1118991989
Conc: 55.13 ng/ml



#11 alpha-Chlordane

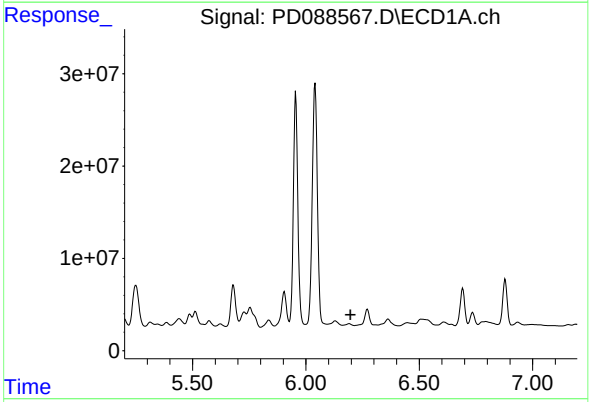
R.T.: 6.041 min
Delta R.T.: 0.012 min
Response: 407504495
Conc: 112.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



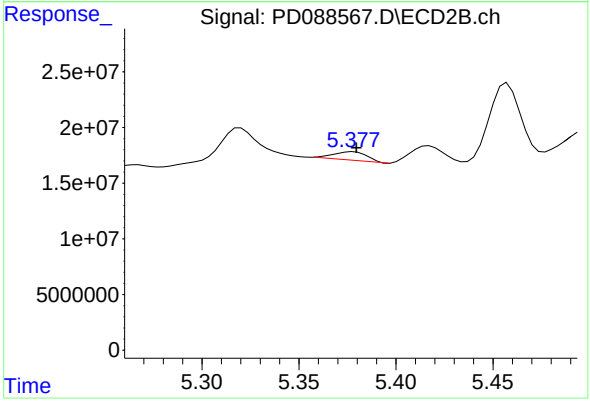
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: -0.001 min
Response: 938561960
Conc: 47.88 ng/ml



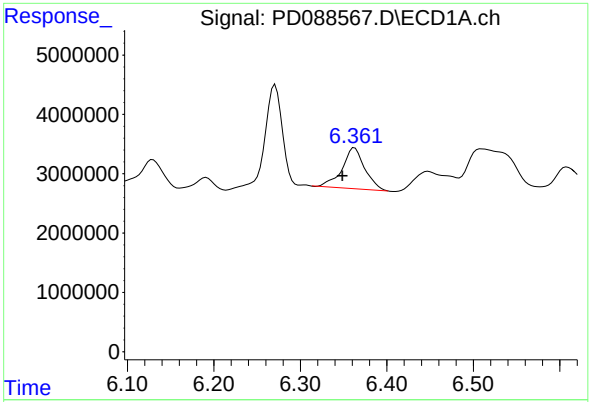
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.006 min
Response: -996295
Conc: N.D.



#12 4,4'-DDE

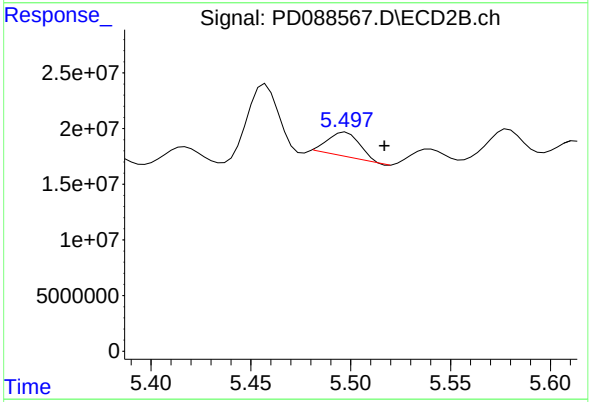
R.T.: 5.378 min
Delta R.T.: -0.001 min
Response: 9181562
Conc: 0.47 ng/ml



#13 Dieldrin

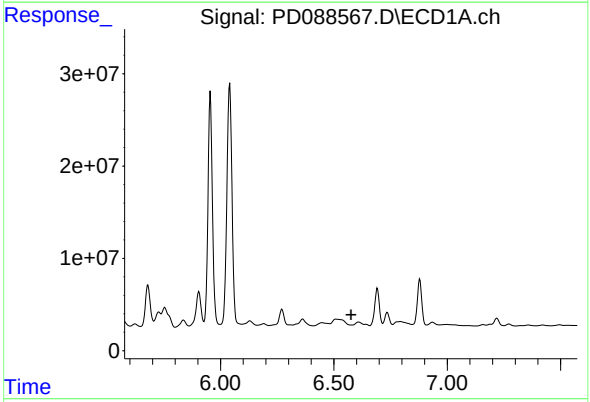
R.T.: 6.363 min
Delta R.T.: 0.014 min
Response: 12429041
Conc: 3.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



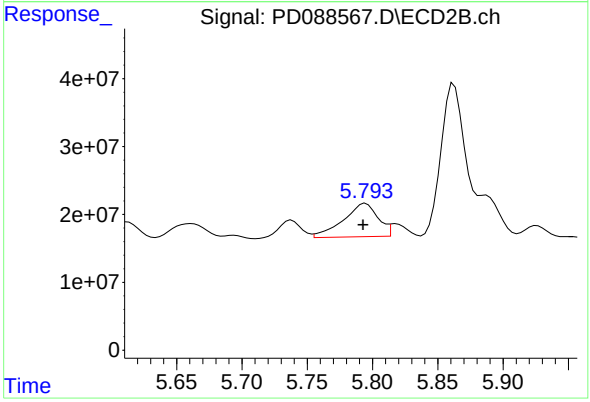
#13 Dieldrin

R.T.: 5.498 min
Delta R.T.: -0.019 min
Response: 24175461
Conc: 1.21 ng/ml



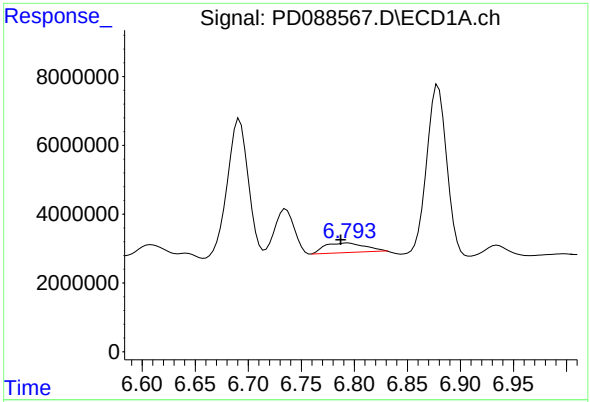
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.576 min
Response: 0
Conc: N.D.



#14 Endrin

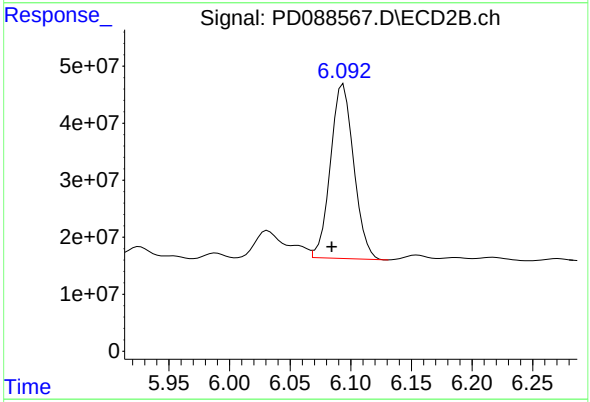
R.T.: 5.795 min
Delta R.T.: 0.002 min
Response: 90611862
Conc: 4.98 ng/ml



#15 Endosulfan II

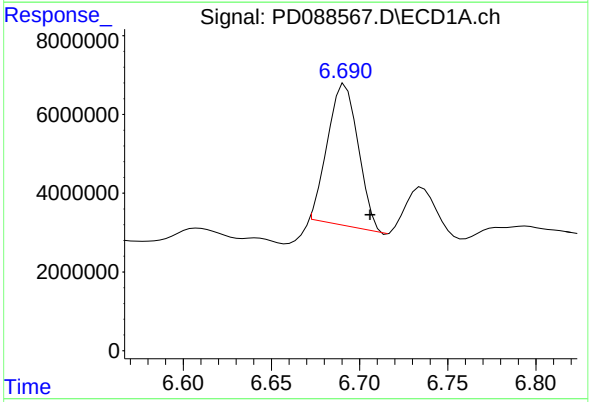
R.T.: 6.794 min
Delta R.T.: 0.007 min
Response: 6949937
Conc: 2.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



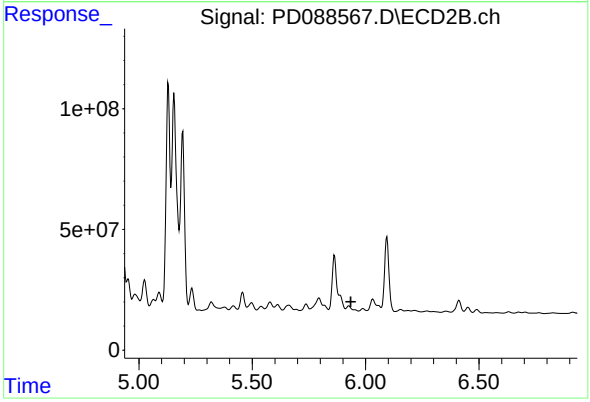
#15 Endosulfan II

R.T.: 6.094 min
Delta R.T.: 0.009 min
Response: 408616865
Conc: 23.32 ng/ml



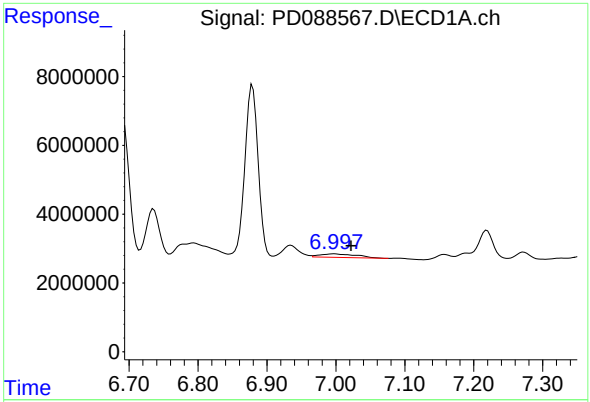
#16 4,4'-DDD

R.T.: 6.692 min
Delta R.T.: -0.014 min
Response: 43344156
Conc: 17.23 ng/ml



#16 4,4'-DDD

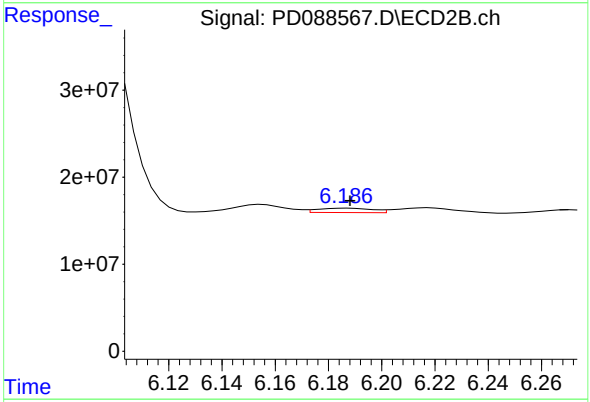
R.T.: 5.926 min
Delta R.T.: -0.008 min
Response: -34130577
Conc: N.D.



#17 4,4'-DDT

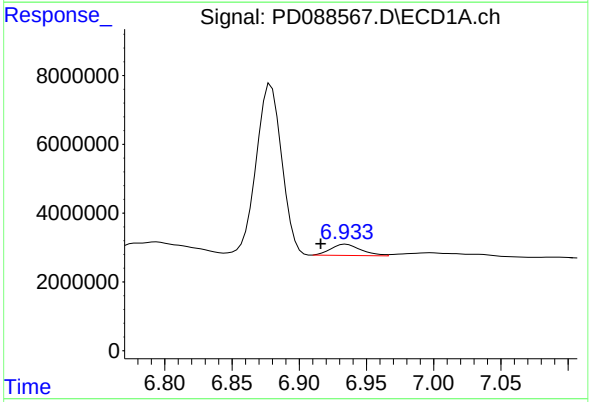
R.T.: 6.998 min
Delta R.T.: -0.024 min
Response: 3780288
Conc: 1.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



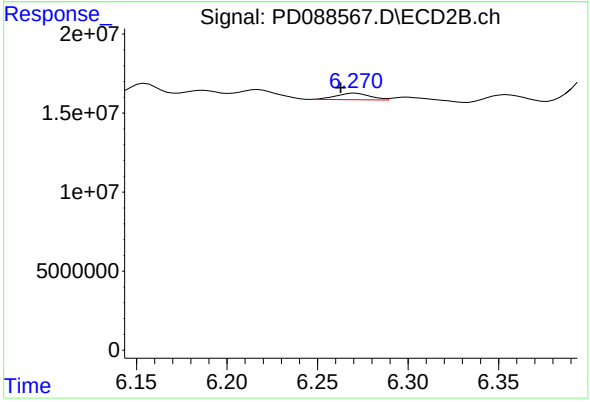
#17 4,4'-DDT

R.T.: 6.187 min
Delta R.T.: -0.001 min
Response: 7075274
Conc: 0.42 ng/ml



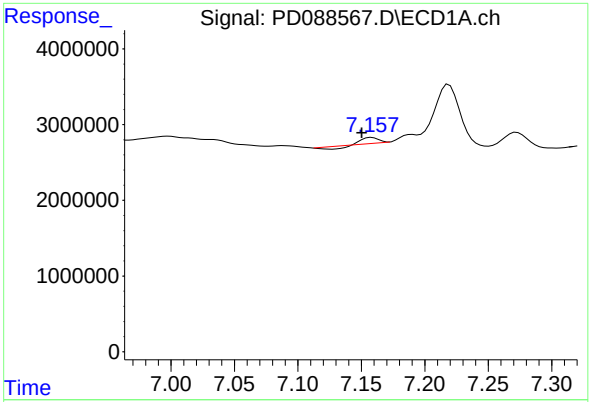
#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: 0.019 min
Response: 5095593
Conc: 2.21 ng/ml



#18 Endrin aldehyde

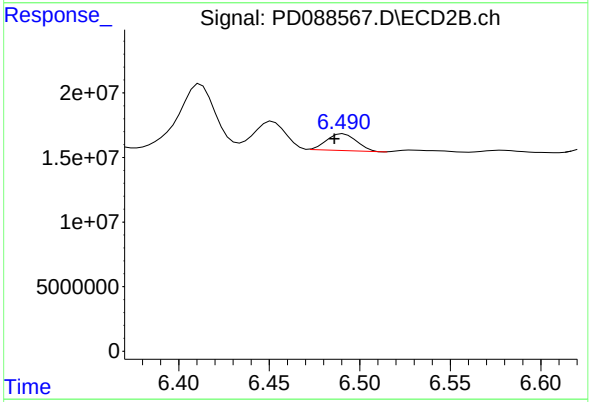
R.T.: 6.271 min
Delta R.T.: 0.008 min
Response: 5398570
Conc: 0.41 ng/ml



#19 Endosulfan Sulfate

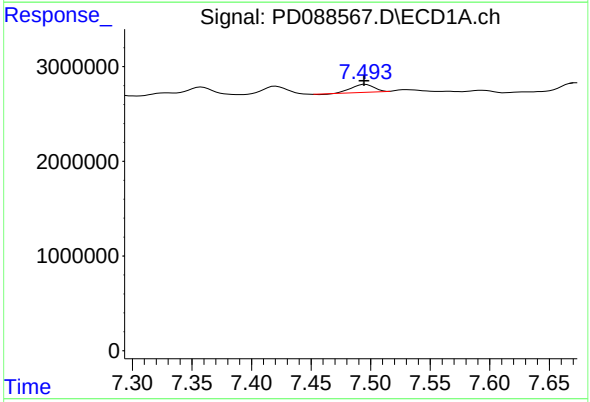
R.T.: 7.158 min
Delta R.T.: 0.008 min
Response: 319658
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



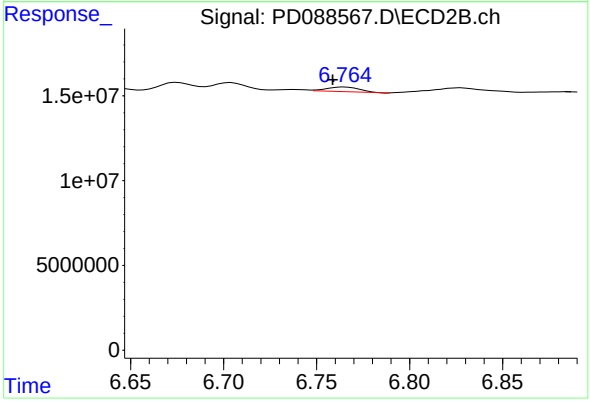
#19 Endosulfan Sulfate

R.T.: 6.491 min
Delta R.T.: 0.005 min
Response: 14947572
Conc: 0.87 ng/ml



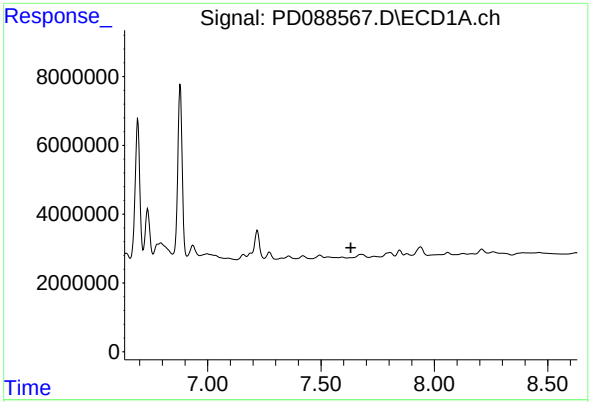
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: 0.000 min
Response: 1084397
Conc: 0.72 ng/ml



#20 Methoxychlor

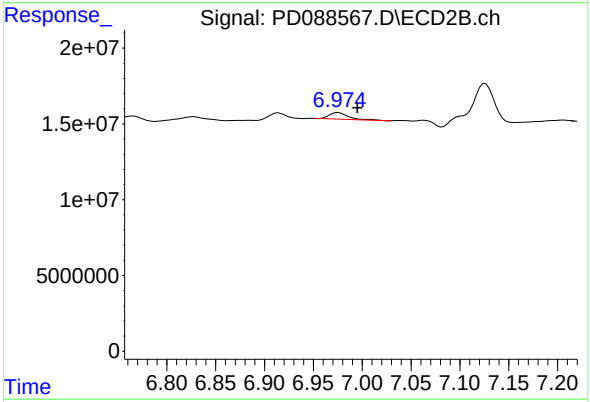
R.T.: 6.765 min
Delta R.T.: 0.007 min
Response: 3365596
Conc: 0.37 ng/ml



#21 Endrin ketone

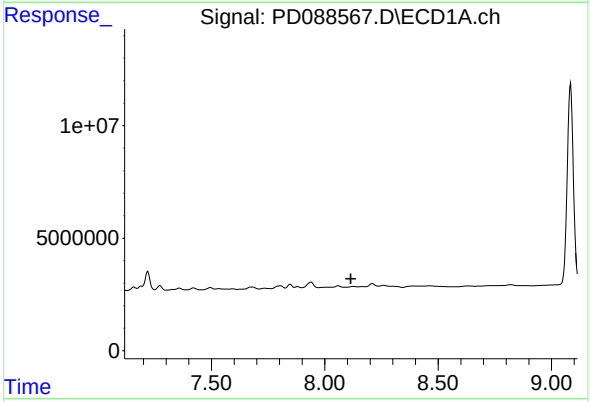
R.T.: 0.000 min
Exp R.T. : 7.631 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



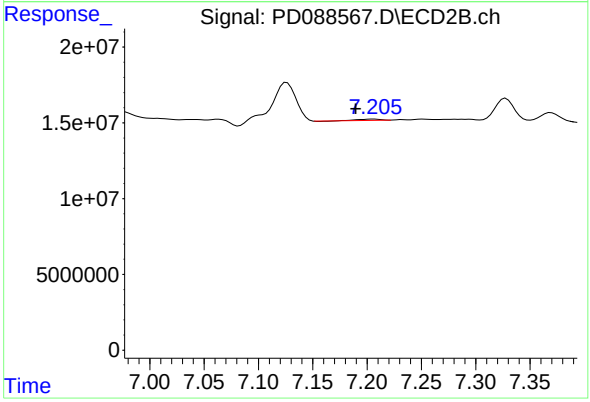
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.020 min
Response: 6093113
Conc: 0.33 ng/ml



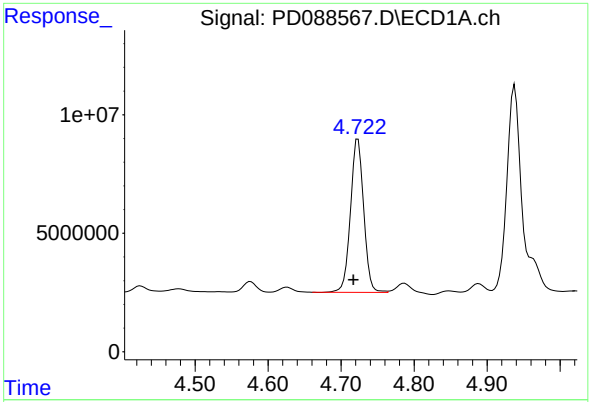
#22 Mirex

R.T.: 8.127 min
Delta R.T.: 0.012 min
Response: -414
Conc: N.D.



#22 Mirex

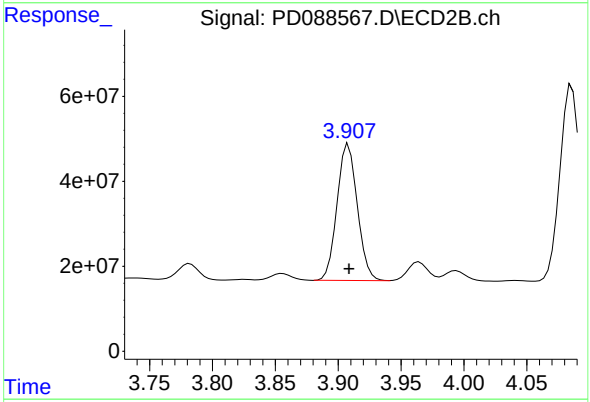
R.T.: 7.206 min
Delta R.T.: 0.016 min
Response: 996934
Conc: 0.07 ng/ml



#23 Chlordane-1

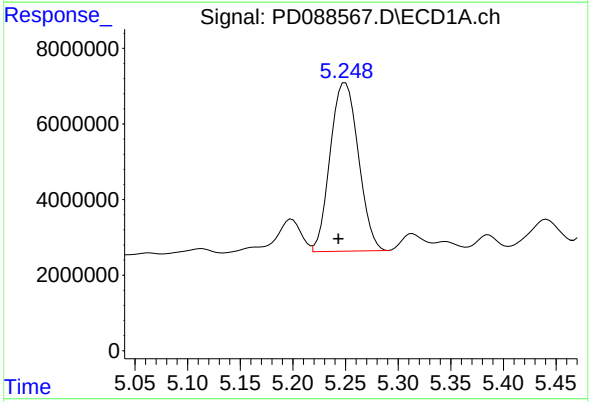
R.T.: 4.723 min
Delta R.T.: 0.006 min
Response: 81514536
Conc: 490.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



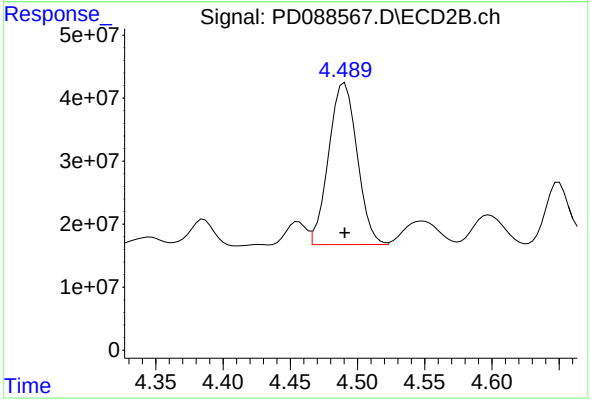
#23 Chlordane-1

R.T.: 3.908 min
Delta R.T.: 0.000 min
Response: 360897706
Conc: 450.16 ng/ml



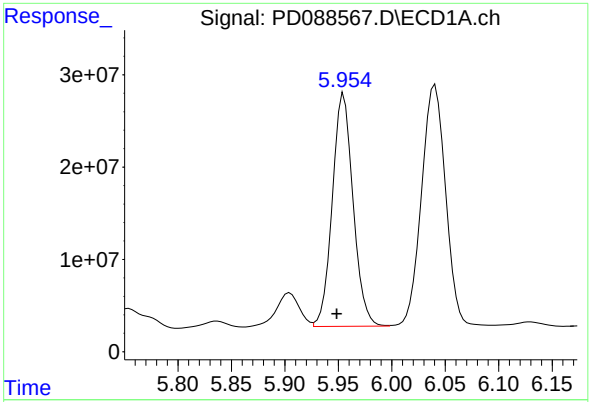
#24 Chlordane-2

R.T.: 5.250 min
Delta R.T.: 0.007 min
Response: 83296451
Conc: 500.19 ng/ml



#24 Chlordane-2

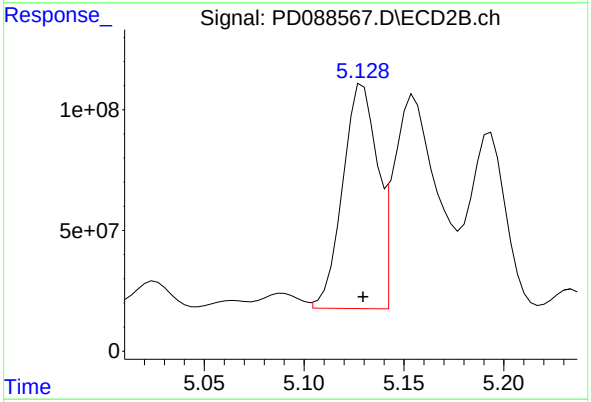
R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 376991187
Conc: 456.79 ng/ml



#25 Chlordane-3

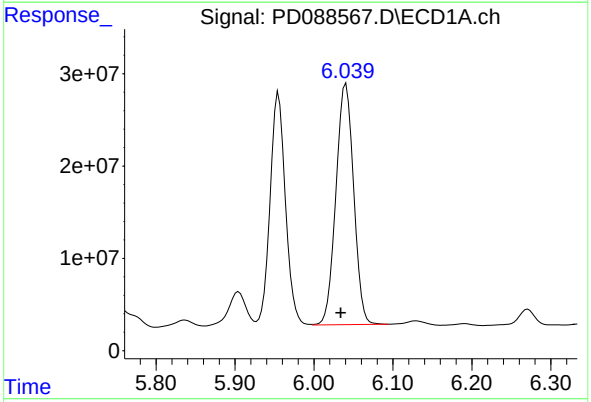
R.T.: 5.955 min
Delta R.T.: 0.007 min
Response: 341396655
Conc: 506.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



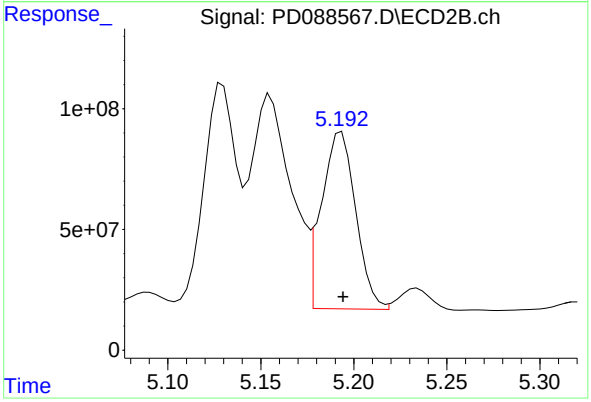
#25 Chlordane-3

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 1118991989
Conc: 442.46 ng/ml



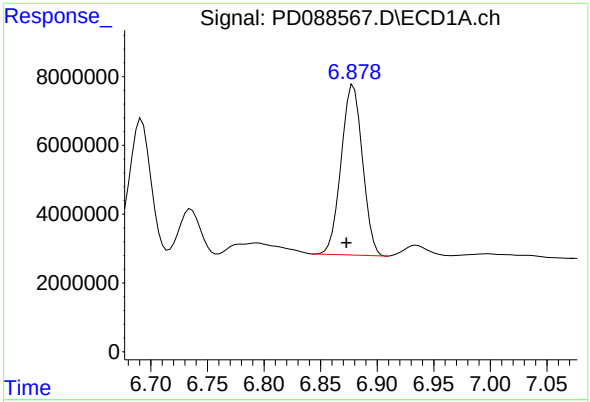
#26 Chlordane-4

R.T.: 6.041 min
Delta R.T.: 0.007 min
Response: 407504495
Conc: 499.81 ng/ml



#26 Chlordane-4

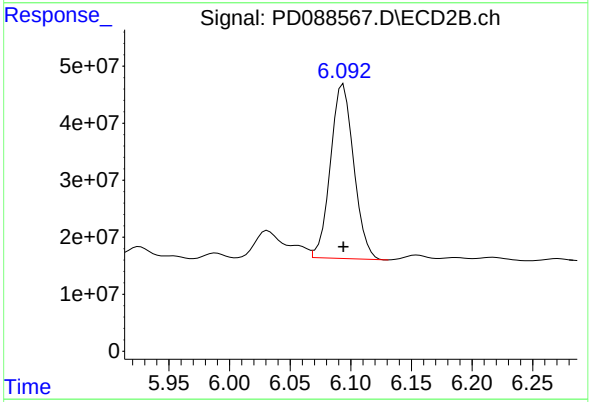
R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 938561960
Conc: 438.96 ng/ml



#27 Chlordane-5

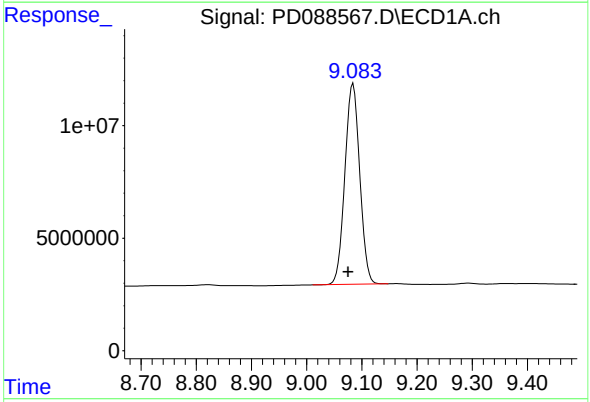
R.T.: 6.879 min
Delta R.T.: 0.006 min
Response: 64964080
Conc: 478.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



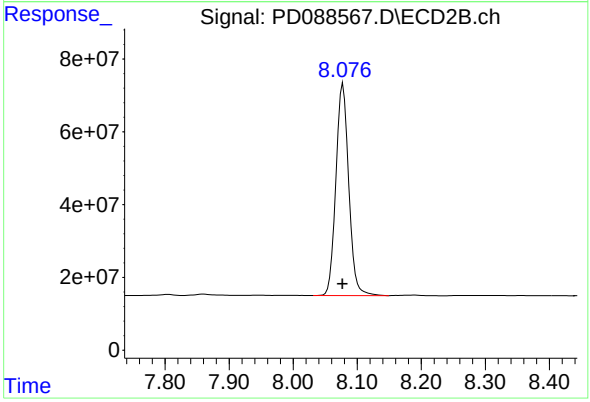
#27 Chlordane-5

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 408616865
Conc: 423.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: 0.009 min
Response: 166773674
Conc: 50.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.078 min
Delta R.T.: 0.000 min
Response: 811311178
Conc: 43.90 ng/ml