Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110223\
Data File : PD079330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 21:31
Operator : AR\AJ
Sample : 05164-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 22:28:53 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
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...	3.570	2.806	28835581	43602557	17.859	18.833	
28)	SA Decachlor...	9.113	7.954	28632919	41887577	14.273	17.185	
	Target Compounds							
2)	A alpha-BHC	4.027	3.309	127.8E6	179.4E6	47.992	51.743	
3)	MA gamma-BHC...	4.361	3.639	125.8E6	174.2E6	48.411	51.313	
4)	MA Heptachlor	4.953	3.982	148.9E6	164.3E6	55.665	53.808	
5)	MB Aldrin	5.295	4.263	172.4E6	162.0E6	66.898	49.528	#
6)	B beta-BHC	4.553	3.933	46546689	69656053	43.437	49.433	
7)	B delta-BHC	4.803	4.165	122.3E6	165.4E6	45.699	49.392	
8)	B Heptachlo...	5.723	4.765	164.7E6	181.2E6	70.278	61.126	
9)	A Endosulfan I	6.109	5.136	97584734	109.0E6	45.013	41.168	
10)	B gamma-Chl...	5.978	5.015	235.5E6	370.0E6	102.724	128.959	#
11)	B alpha-Chl...	6.059	5.080	416.1E6	532.1E6	182.499	185.413	
12)	B 4,4'-DDE	6.227	5.268	102.8E6	132.0E6	48.659	49.589	
13)	MA Dieldrin	6.385	5.400	100.6E6	152.3E6	43.205	51.272	
14)	MA Endrin	6.615	5.675	76071753	129.3E6	39.059	50.523	#
15)	B Endosulfa...	6.833	5.971	83931283	236.3E6	41.150	94.650	#
16)	A 4,4'-DDD	6.745	5.822	86277612	111.8E6	49.079	48.946	
17)	MA 4,4'-DDT	7.061	6.074	80008428	107.6E6	42.250	47.005	
18)	B Endrin al...	6.962	6.147	58759427	97984762	38.049	52.700	#
19)	B Endosulfa...	7.197	6.369	82874972	104.2E6	41.685	44.607	
20)	A Methoxychlor	7.535	6.649	44002690	52819742	40.157	38.906	
21)	B Endrin ke...	7.683	6.876	87257858	114.6E6	40.023	40.976	
22)	Mirex	8.160	7.061	72233743	101.6E6	42.675	47.554	
23)	Chlordane-1	4.737	3.808	478457	3007547	6.154	34.627	#
24)	Chlordane-2	5.264	4.389	89810198	203.5E6	1125.047	2240.253	#
25)	Chlordane-3	5.978	5.015	235.5E6	370.0E6	759.725	1387.313	#
26)	Chlordane-4	6.059	5.080	416.1E6	532.1E6	1120.075	2168.504	#
27)	Chlordane-5	6.913	5.971	74721808	236.3E6	1063.424	2370.924	#

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

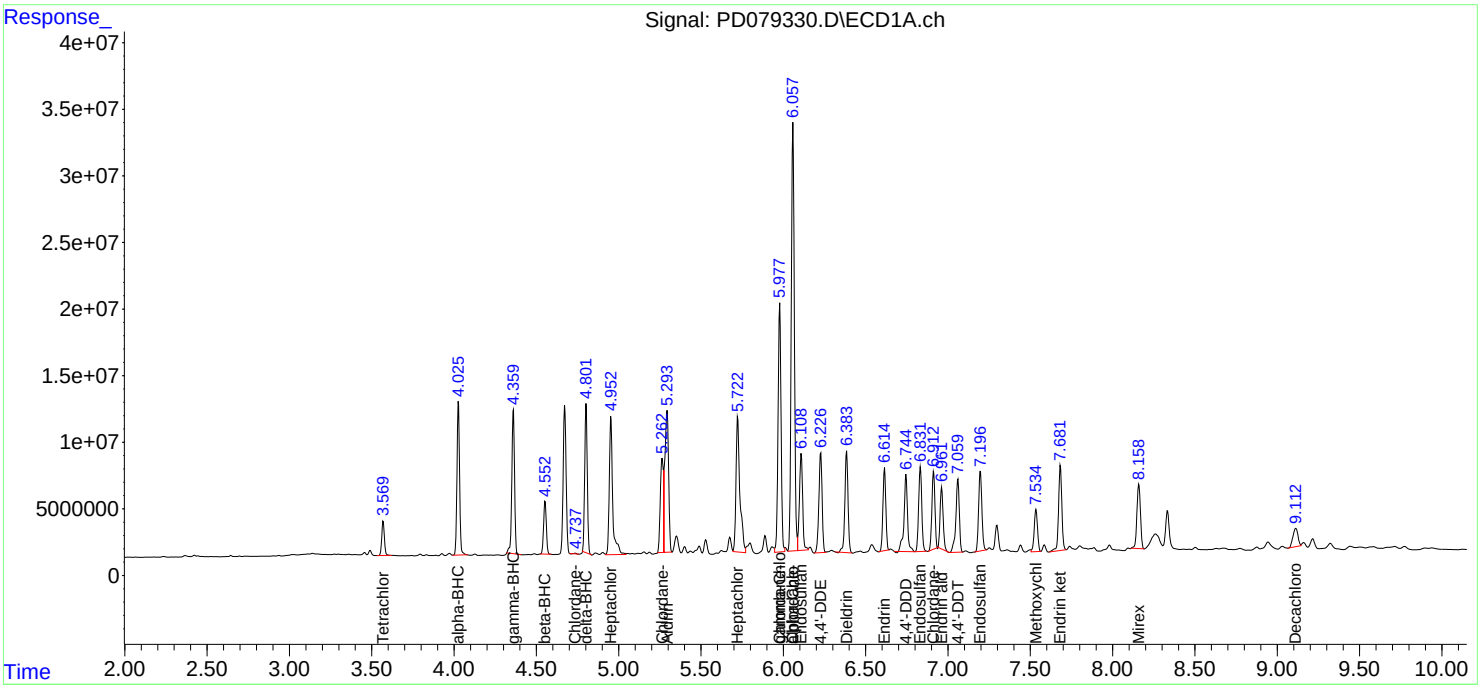
Quantitation Report (Not Reviewed)

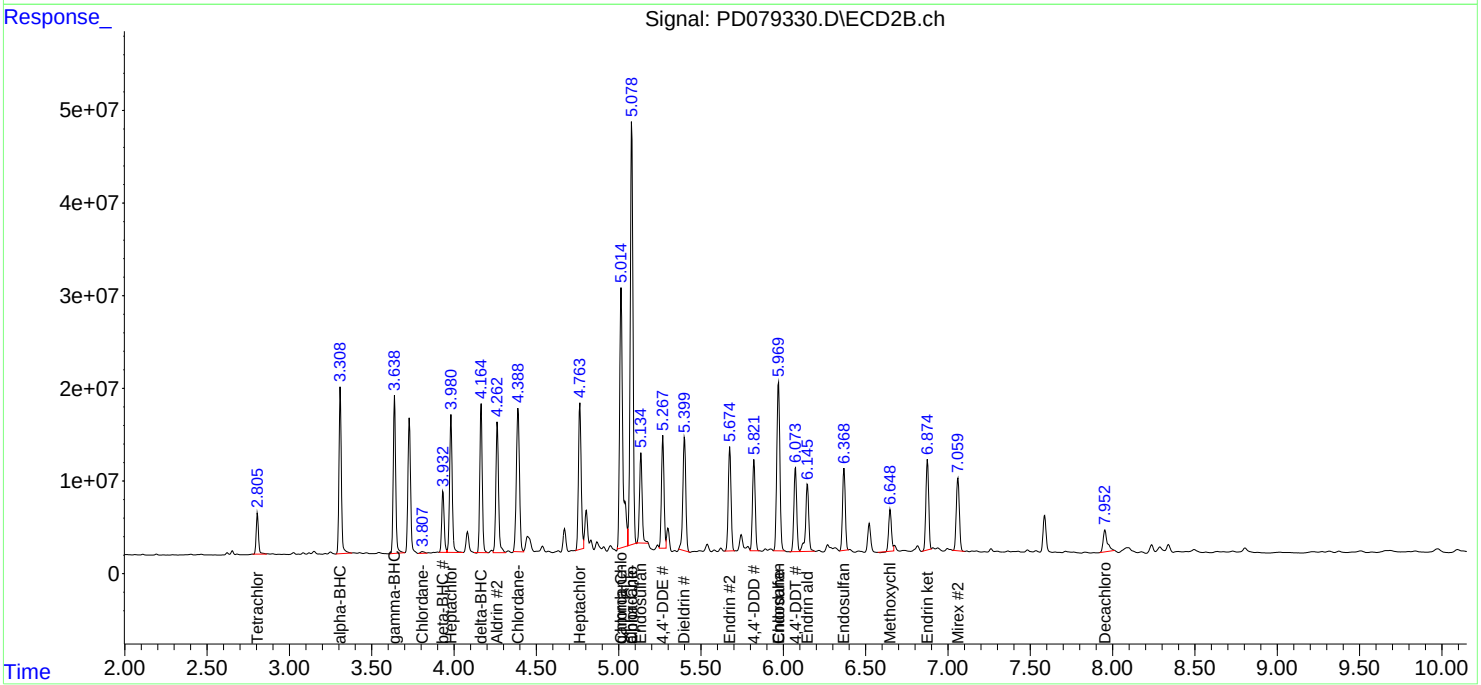
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110223\
Data File : PD079330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 21:31
Operator : AR\AJ
Sample : 05164-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

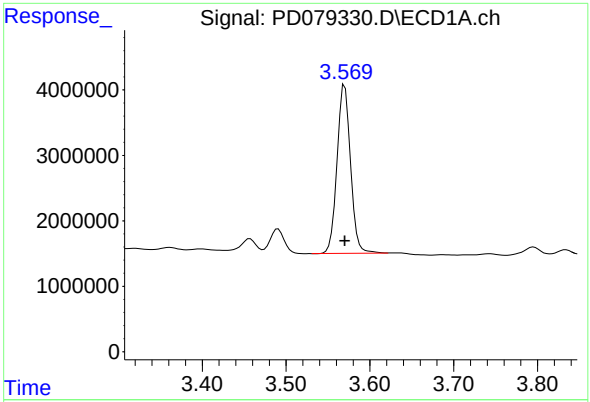
Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 22:28:53 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
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



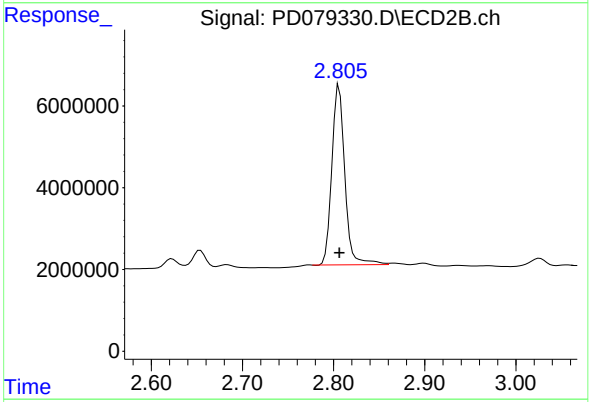




#1 Tetrachloro-m-xylene

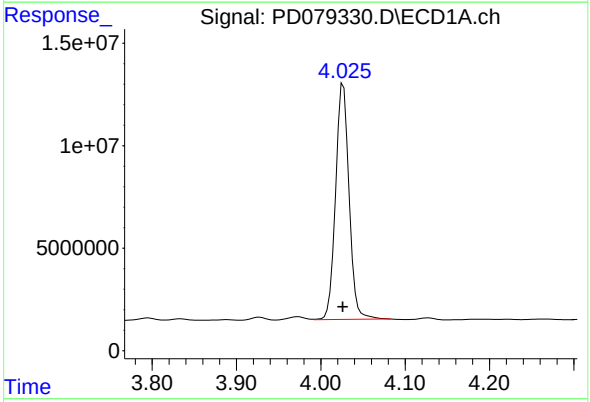
R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 28835581
Conc: 17.86 ng/ml

Instrument :
ECD_D
ClientSampleId :



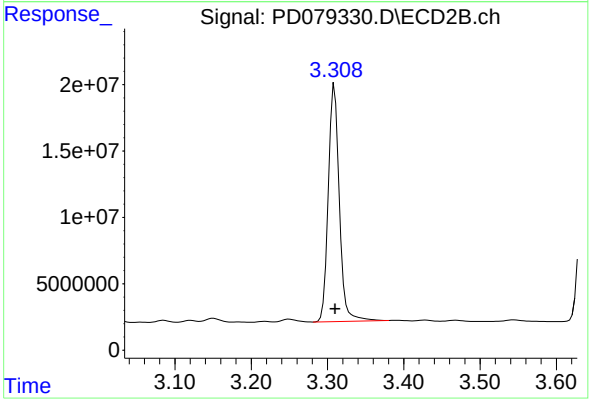
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 43602557
Conc: 18.83 ng/ml



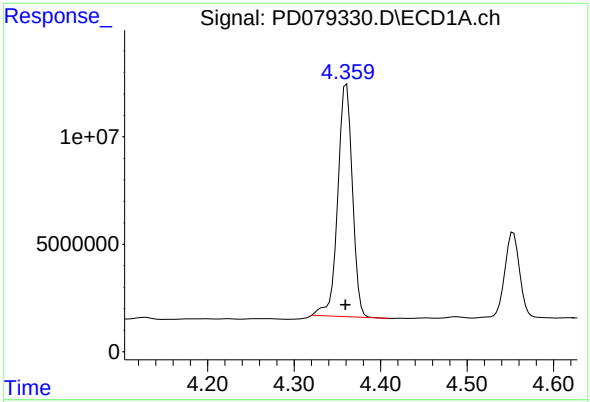
#2 alpha-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 127757099
Conc: 47.99 ng/ml



#2 alpha-BHC

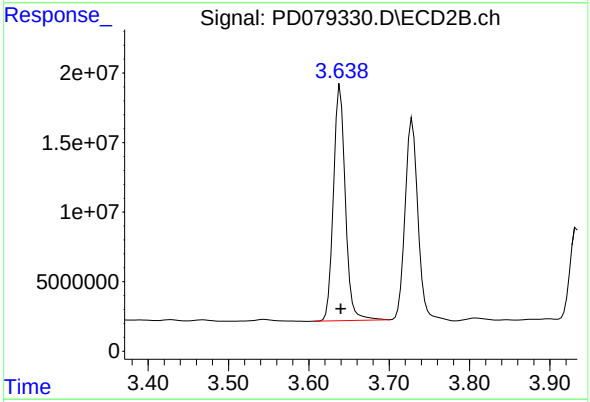
R.T.: 3.309 min
Delta R.T.: 0.000 min
Response: 179415165
Conc: 51.74 ng/ml



#3 gamma-BHC (Lindane)

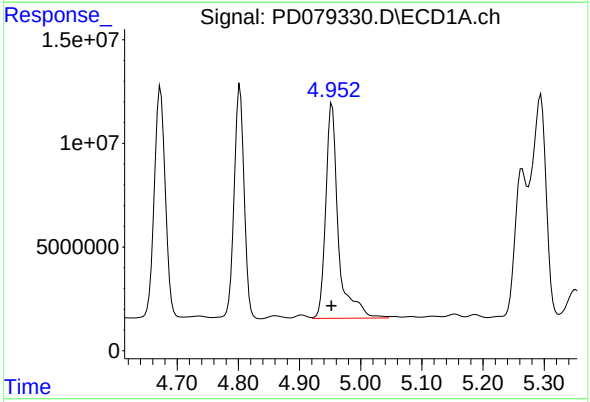
R.T.: 4.361 min
Delta R.T.: 0.001 min
Response: 125812682
Conc: 48.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



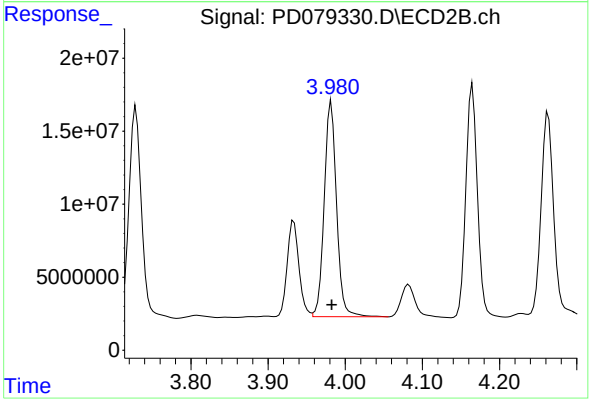
#3 gamma-BHC (Lindane)

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 174248072
Conc: 51.31 ng/ml



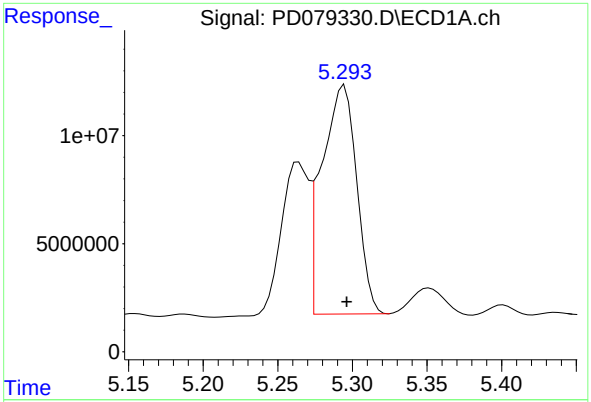
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 148901112
Conc: 55.67 ng/ml



#4 Heptachlor

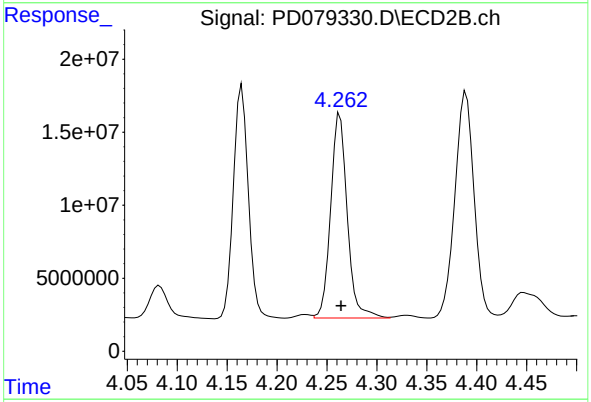
R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 164334853
Conc: 53.81 ng/ml



#5 Aldrin

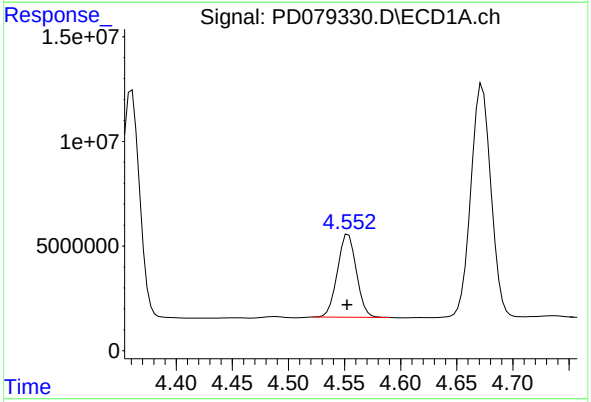
R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 172381969
Conc: 66.90 ng/ml

Instrument :
ECD_D
ClientSampleId :



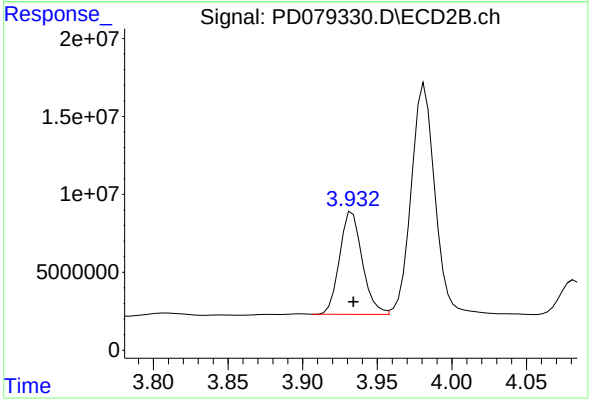
#5 Aldrin

R.T.: 4.263 min
Delta R.T.: -0.001 min
Response: 162022368
Conc: 49.53 ng/ml



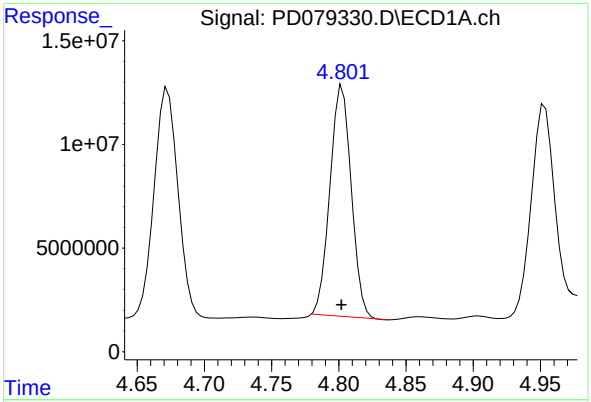
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.001 min
Response: 46546689
Conc: 43.44 ng/ml



#6 beta-BHC

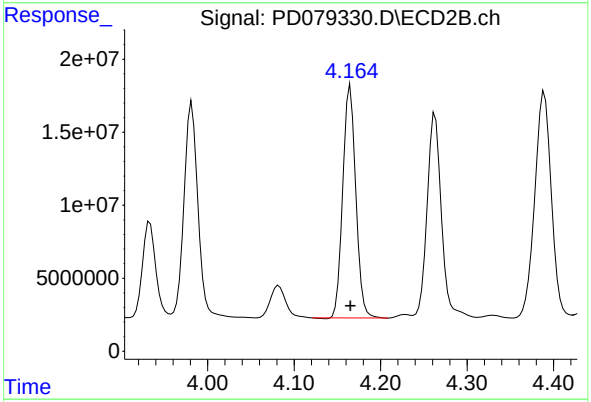
R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 69656053
Conc: 49.43 ng/ml



#7 delta-BHC

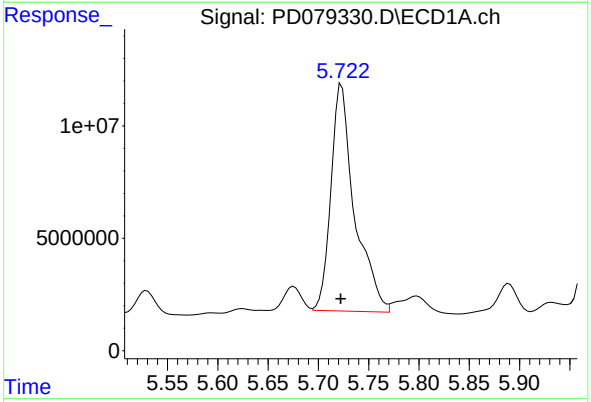
R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 122338253
Conc: 45.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



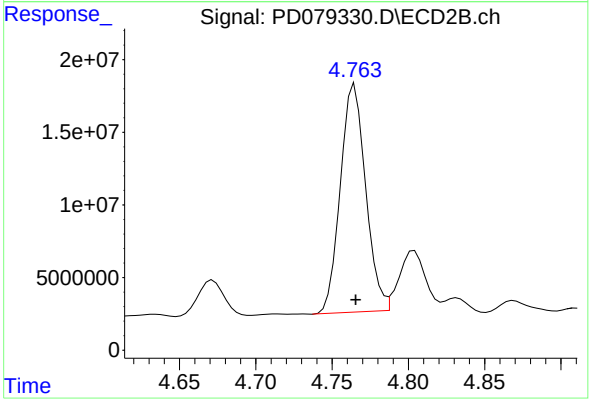
#7 delta-BHC

R.T.: 4.165 min
Delta R.T.: 0.000 min
Response: 165376878
Conc: 49.39 ng/ml



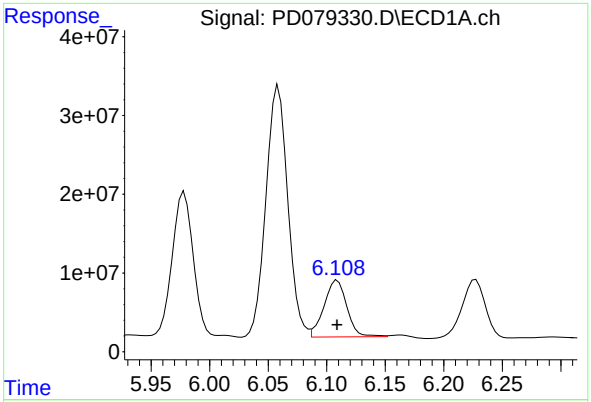
#8 Heptachlor epoxide

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 164709911
Conc: 70.28 ng/ml



#8 Heptachlor epoxide

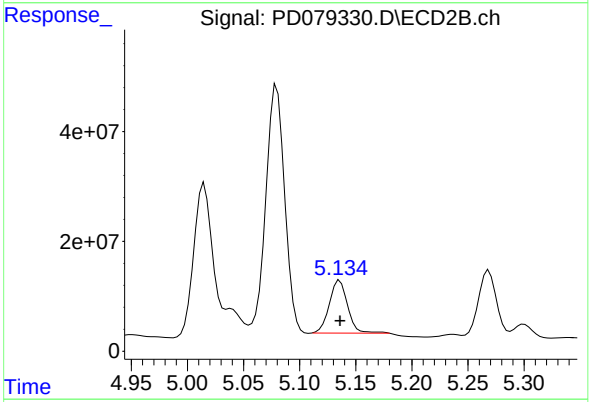
R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 181220626
Conc: 61.13 ng/ml



#9 Endosulfan I

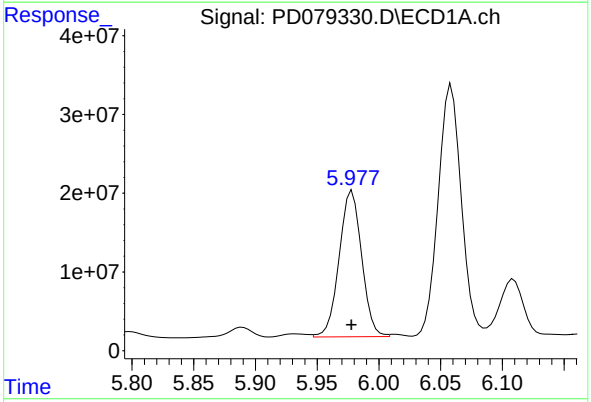
R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 97584734
Conc: 45.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



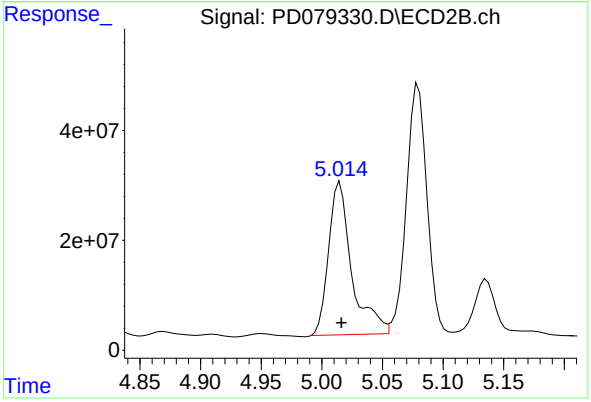
#9 Endosulfan I

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 109001588
Conc: 41.17 ng/ml



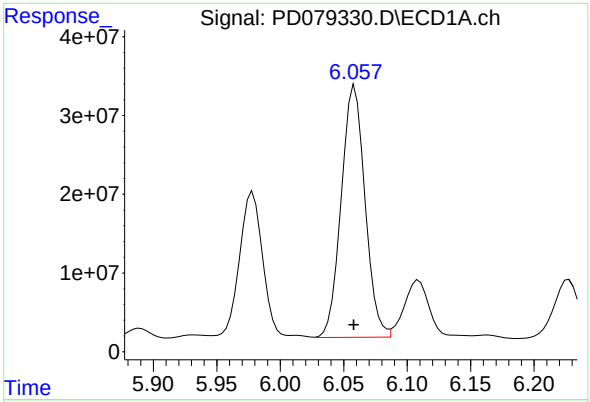
#10 gamma-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 235518326
Conc: 102.72 ng/ml



#10 gamma-Chlordane

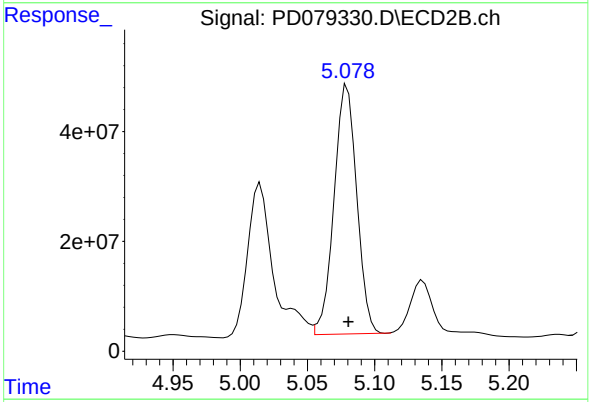
R.T.: 5.015 min
Delta R.T.: -0.001 min
Response: 370040642
Conc: 128.96 ng/ml



#11 alpha-Chlordane

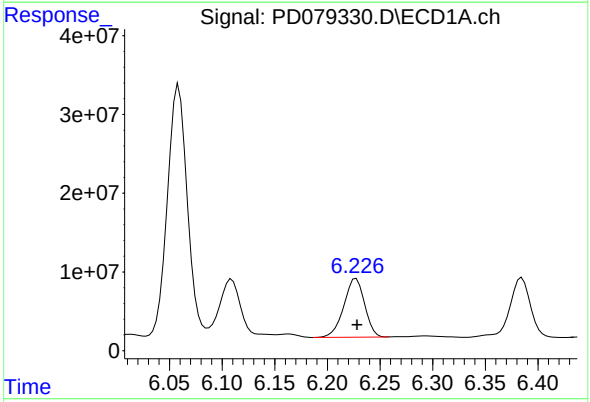
R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 416134850
Conc: 182.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



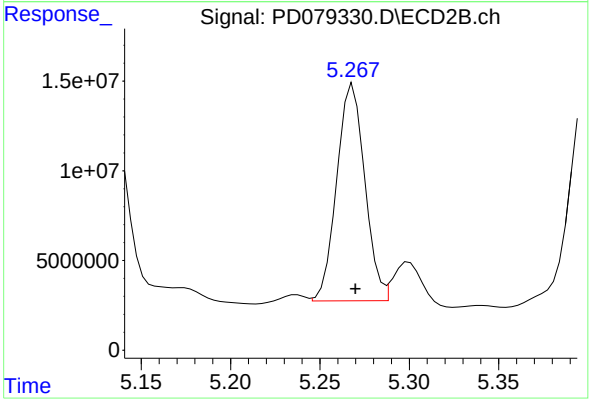
#11 alpha-Chlordane

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 532105344
Conc: 185.41 ng/ml



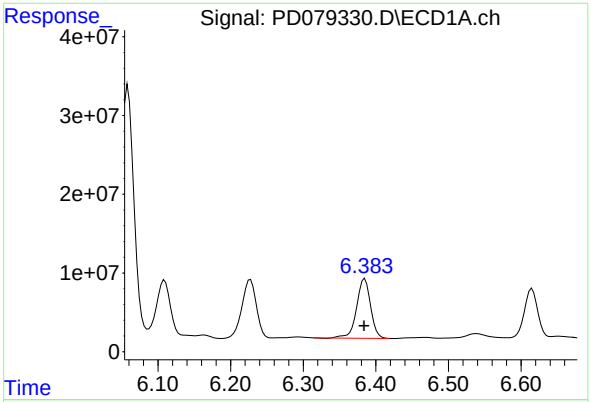
#12 4,4'-DDE

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 102819538
Conc: 48.66 ng/ml



#12 4,4'-DDE

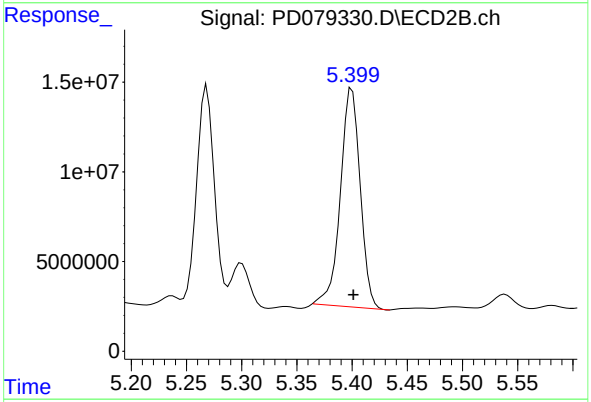
R.T.: 5.268 min
Delta R.T.: -0.001 min
Response: 132025620
Conc: 49.59 ng/ml



#13 Dieldrin

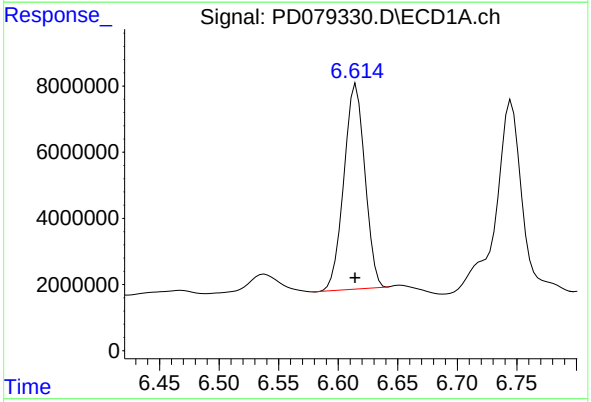
R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 100616989
Conc: 43.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



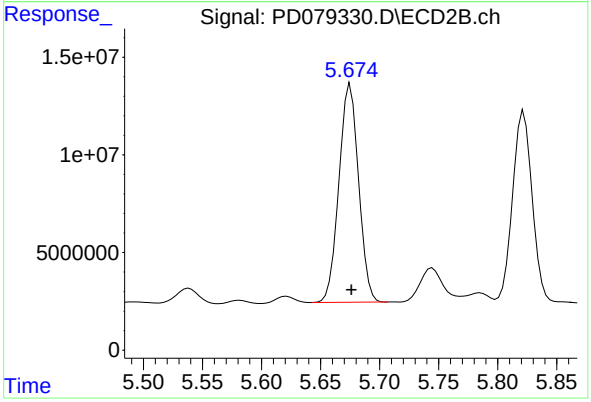
#13 Dieldrin

R.T.: 5.400 min
Delta R.T.: -0.001 min
Response: 152271818
Conc: 51.27 ng/ml



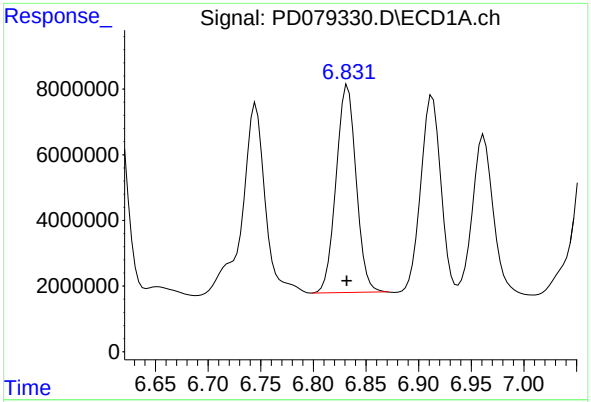
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 76071753
Conc: 39.06 ng/ml



#14 Endrin

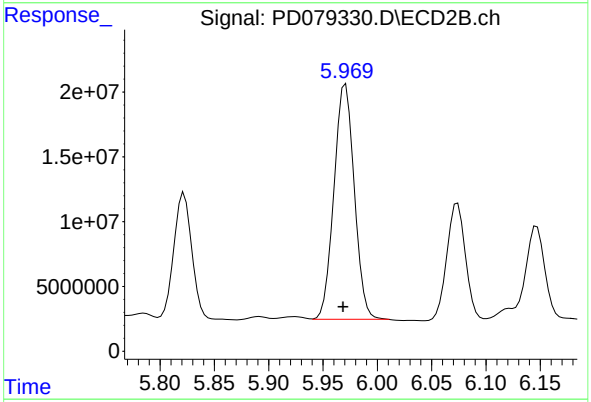
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 129294431
Conc: 50.52 ng/ml



#15 Endosulfan II

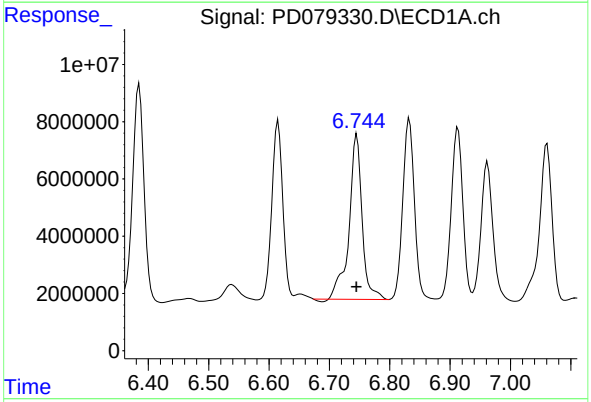
R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 83931283
Conc: 41.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



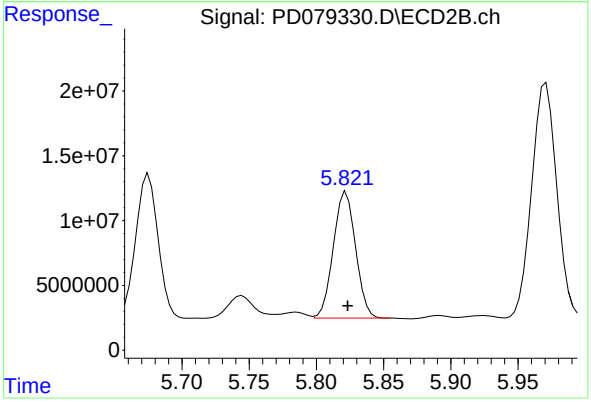
#15 Endosulfan II

R.T.: 5.971 min
Delta R.T.: 0.002 min
Response: 236296157
Conc: 94.65 ng/ml



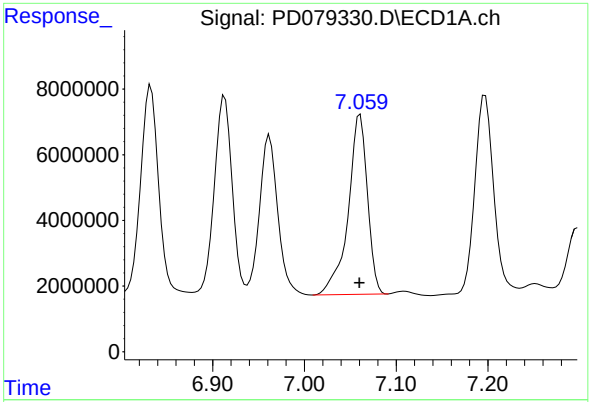
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 86277612
Conc: 49.08 ng/ml



#16 4,4'-DDD

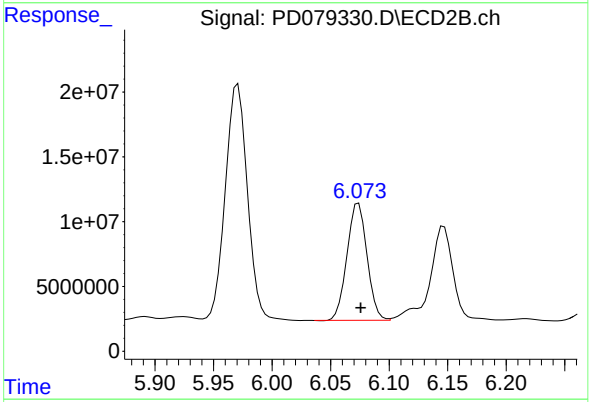
R.T.: 5.822 min
Delta R.T.: -0.001 min
Response: 111804771
Conc: 48.95 ng/ml



#17 4,4'-DDT

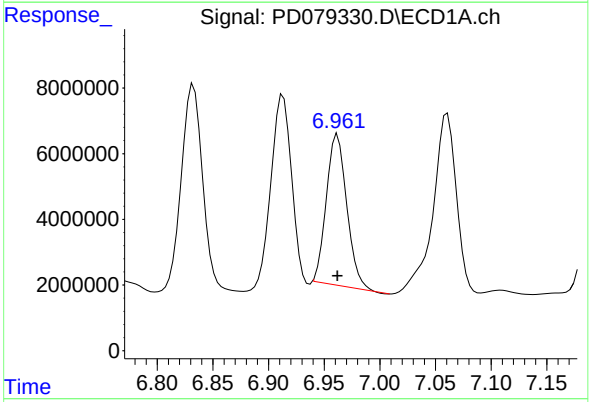
R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 80008428
Conc: 42.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



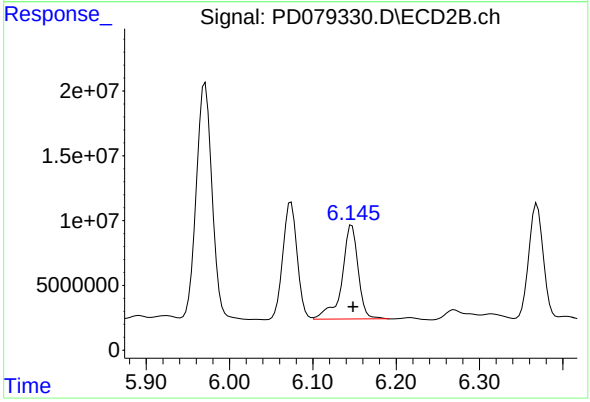
#17 4,4'-DDT

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 107612007
Conc: 47.00 ng/ml



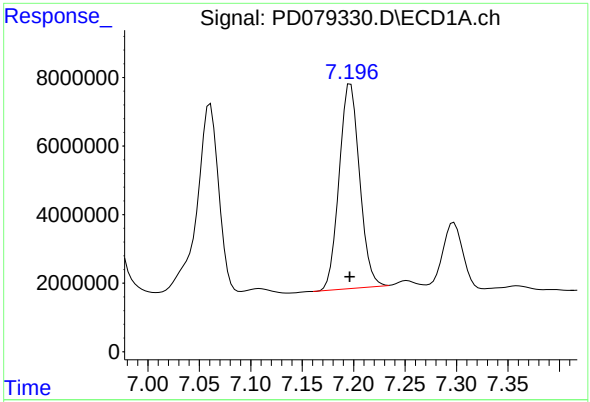
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 58759427
Conc: 38.05 ng/ml



#18 Endrin aldehyde

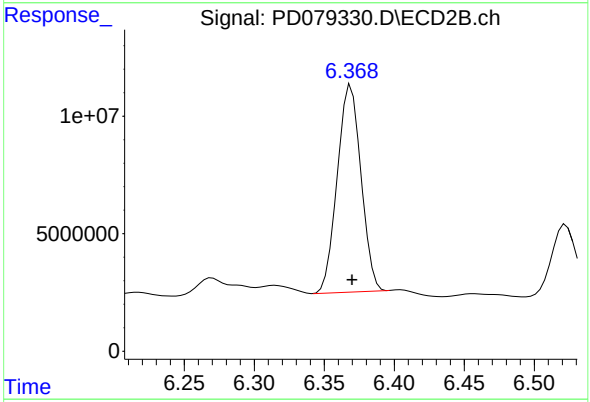
R.T.: 6.147 min
Delta R.T.: -0.001 min
Response: 97984762
Conc: 52.70 ng/ml



#19 Endosulfan Sulfate

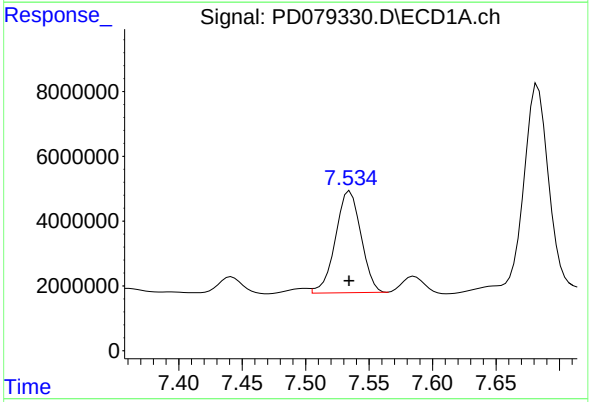
R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 82874972
Conc: 41.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



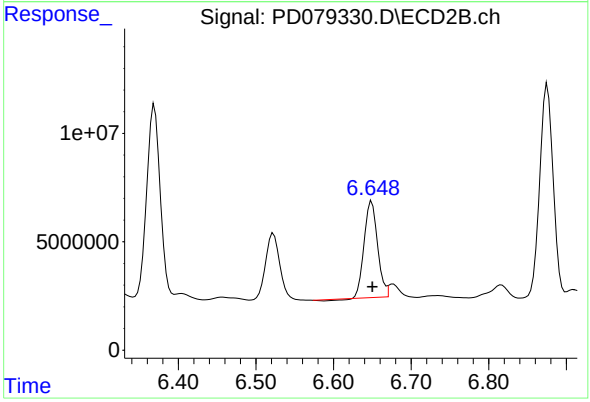
#19 Endosulfan Sulfate

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 104150521
Conc: 44.61 ng/ml



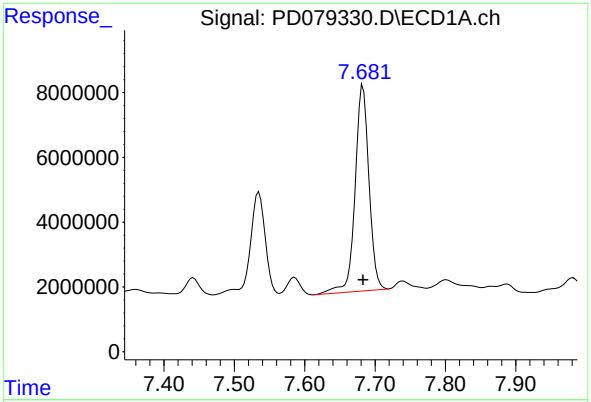
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 44002690
Conc: 40.16 ng/ml



#20 Methoxychlor

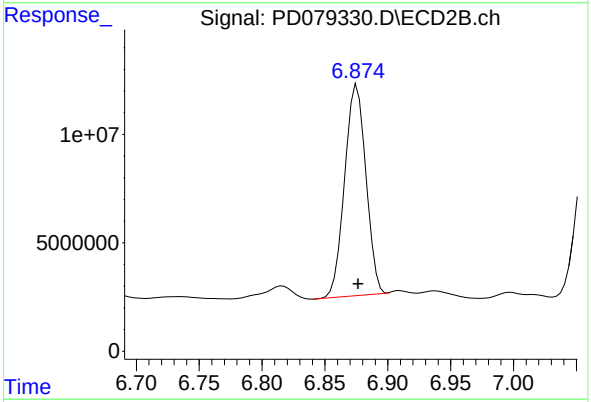
R.T.: 6.649 min
Delta R.T.: -0.001 min
Response: 52819742
Conc: 38.91 ng/ml



#21 Endrin ketone

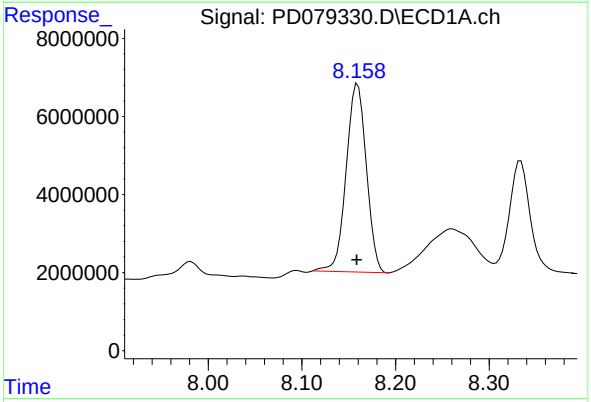
R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 87257858
Conc: 40.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



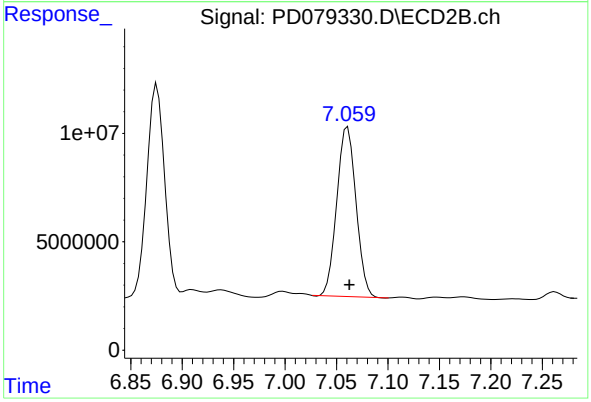
#21 Endrin ketone

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 114557428
Conc: 40.98 ng/ml



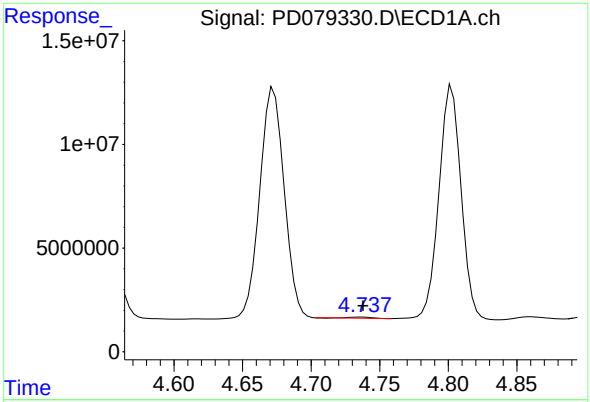
#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.000 min
Response: 72233743
Conc: 42.67 ng/ml



#22 Mirex

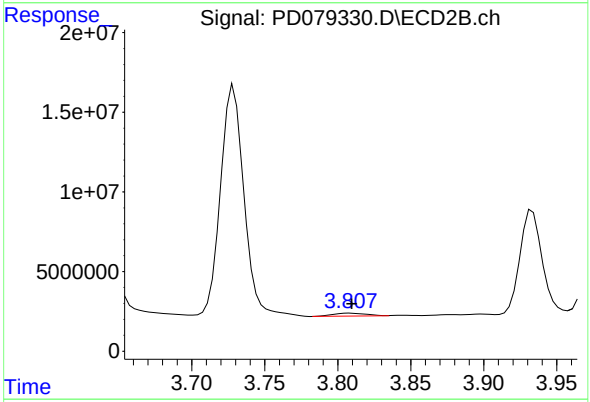
R.T.: 7.061 min
Delta R.T.: -0.002 min
Response: 101590324
Conc: 47.55 ng/ml



#23 Chlordane-1

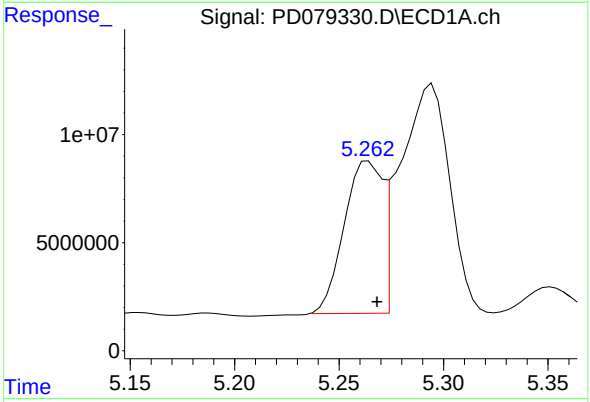
R.T.: 4.737 min
Delta R.T.: -0.001 min
Response: 478457
Conc: 6.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



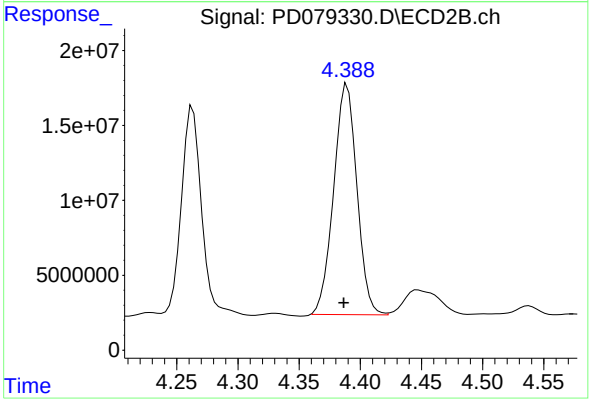
#23 Chlordane-1

R.T.: 3.808 min
Delta R.T.: -0.001 min
Response: 3007547
Conc: 34.63 ng/ml



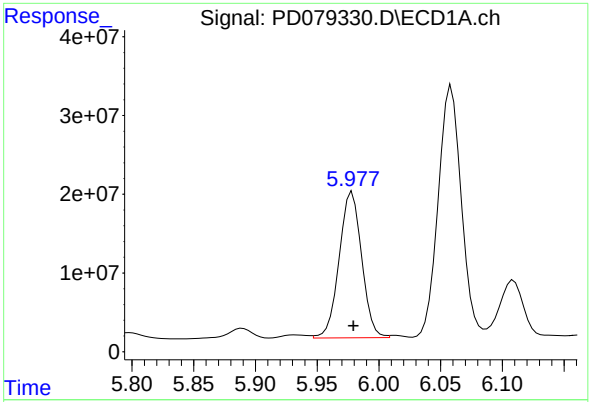
#24 Chlordane-2

R.T.: 5.264 min
Delta R.T.: -0.004 min
Response: 89810198
Conc: 1125.05 ng/ml



#24 Chlordane-2

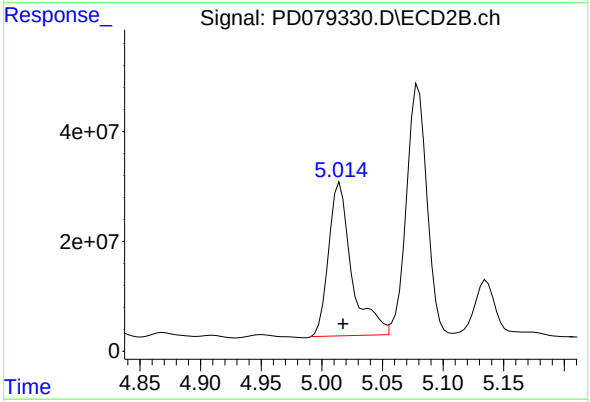
R.T.: 4.389 min
Delta R.T.: 0.003 min
Response: 203547030
Conc: 2240.25 ng/ml



#25 Chlordane-3

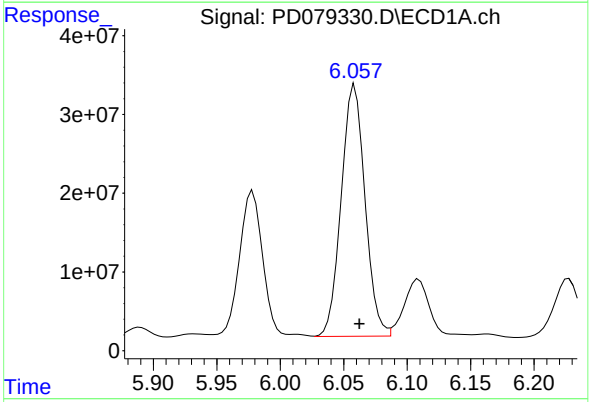
R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 235518326
Conc: 759.73 ng/ml

Instrument :
ECD_D
ClientSampleId :



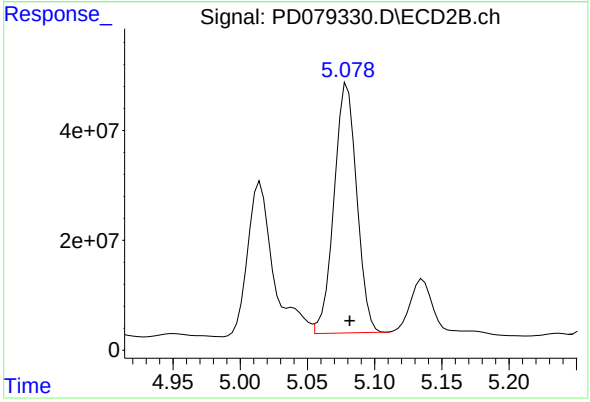
#25 Chlordane-3

R.T.: 5.015 min
Delta R.T.: -0.003 min
Response: 370040642
Conc: 1387.31 ng/ml



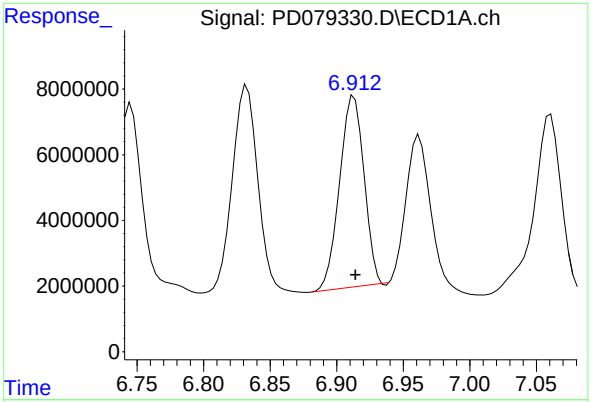
#26 Chlordane-4

R.T.: 6.059 min
Delta R.T.: -0.004 min
Response: 416134850
Conc: 1120.07 ng/ml



#26 Chlordane-4

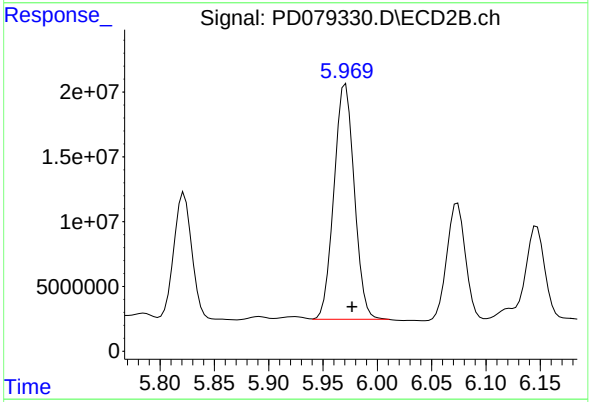
R.T.: 5.080 min
Delta R.T.: -0.002 min
Response: 532105344
Conc: 2168.50 ng/ml



#27 Chlordane-5

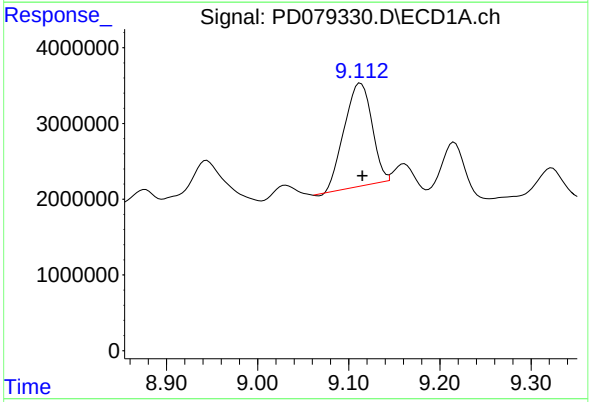
R.T.: 6.913 min
Delta R.T.: 0.000 min
Response: 74721808
Conc: 1063.42 ng/m

Instrument :
ECD_D
ClientSampleId :



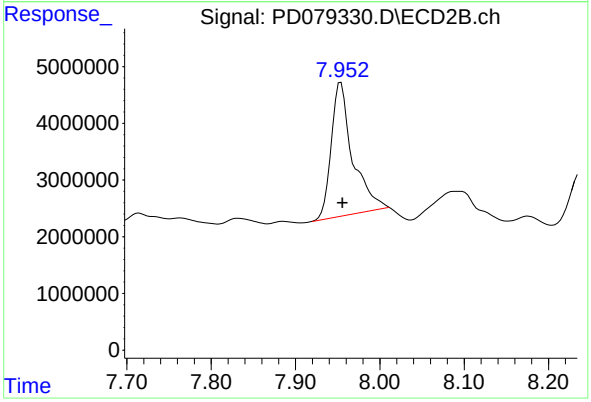
#27 Chlordane-5

R.T.: 5.971 min
Delta R.T.: -0.006 min
Response: 236296157
Conc: 2370.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: -0.002 min
Response: 28632919
Conc: 14.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.954 min
Delta R.T.: -0.002 min
Response: 41887577
Conc: 17.18 ng/ml