Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080724\
Data File : PL090854.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Aug 2024 15:38
Operator : AR\AJ
Sample : P3485-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
CMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 01:29:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
Quant Title : GC Extractables
QLast Update : Tue Aug 06 10:55:36 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.786	41297448	35831544	21.329	20.726	
28)	SA Decachlor...	9.055	7.926	27774125	28871994	19.331	17.297	
	Target Compounds							
2)	A alpha-BHC	4.000	3.290	144.2E6	137.6E6	52.196	55.865	
3)	MA gamma-BHC...	4.332	3.620	131.9E6	132.7E6	50.139	56.679	
4)	MA Heptachlor	4.921	3.960	136.6E6	127.4E6	55.235	54.935	
5)	MB Aldrin	5.262	4.239	123.6E6	128.2E6	51.399	57.837	
6)	B beta-BHC	4.528	3.917	66328227	57586913	52.688	54.142	
7)	B delta-BHC	4.775	4.147	127.1E6	125.5E6	50.786	56.136	
8)	B Heptachlo...	5.687	4.742	119.9E6	108.9E6	52.768	53.447	
9)	A Endosulfan I	6.073	5.112	109.0E6	97357110	51.993	50.416	
10)	B gamma-Chl...	5.943	4.992	129.5E6	119.5E6	57.320	55.965	
11)	B alpha-Chl...	6.022	5.056	119.5E6	115.7E6	53.378	54.238	
12)	B 4,4'-DDE	6.195	5.245	97419451	102.2E6	49.143	54.503	
13)	MA Dieldrin	6.347	5.376	114.5E6	117.8E6	52.226	57.046	
14)	MA Endrin	6.577	5.651	92835197	96049808	50.690	52.566	
15)	B Endosulfa...	6.795	5.945	95562712	96409523	47.654	53.081	
16)	A 4,4'-DDD	6.712	5.799	84758369	81366944	51.414	52.437	
17)	MA 4,4'-DDT	7.025	6.049	93283920	89793875	52.325	54.149	
18)	B Endrin al...	6.925	6.124	75874064	72976123	50.380	51.544	
19)	B Endosulfa...	7.159	6.347	90889997	91744220	50.674	52.555	
20)	A Methoxychlor	7.500	6.625	48676632	46825963	51.011	50.730	
21)	B Endrin ke...	7.644	6.853	101.2E6	98708548	51.067	49.805	
22)	Mirex	8.118	7.035	79429893	80799741	51.097	48.115	
23)	Chlordane-1	0.000	3.793	0	1462668	N.D.	21.695	#
24)	Chlordane-2	5.262f	4.358	123.6E6	5265018	1225.096	63.302	#
25)	Chlordane-3	5.943	4.992	129.5E6	119.5E6	393.842	533.740	#
26)	Chlordane-4	6.022	5.056	119.5E6	115.7E6	298.303	540.859	#
27)	Chlordane-5	0.000	5.720	0	2236252	N.D.	33.462	#

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

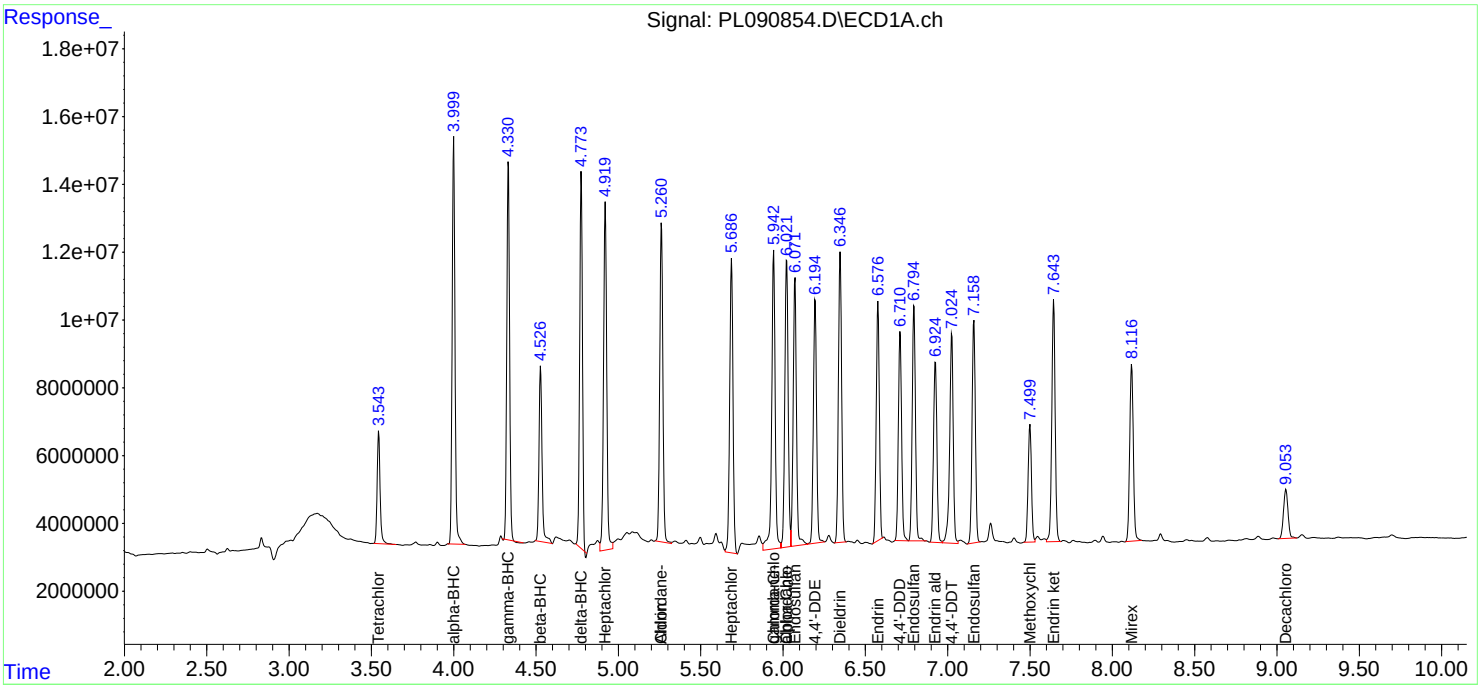
Quantitation Report (Not Reviewed)

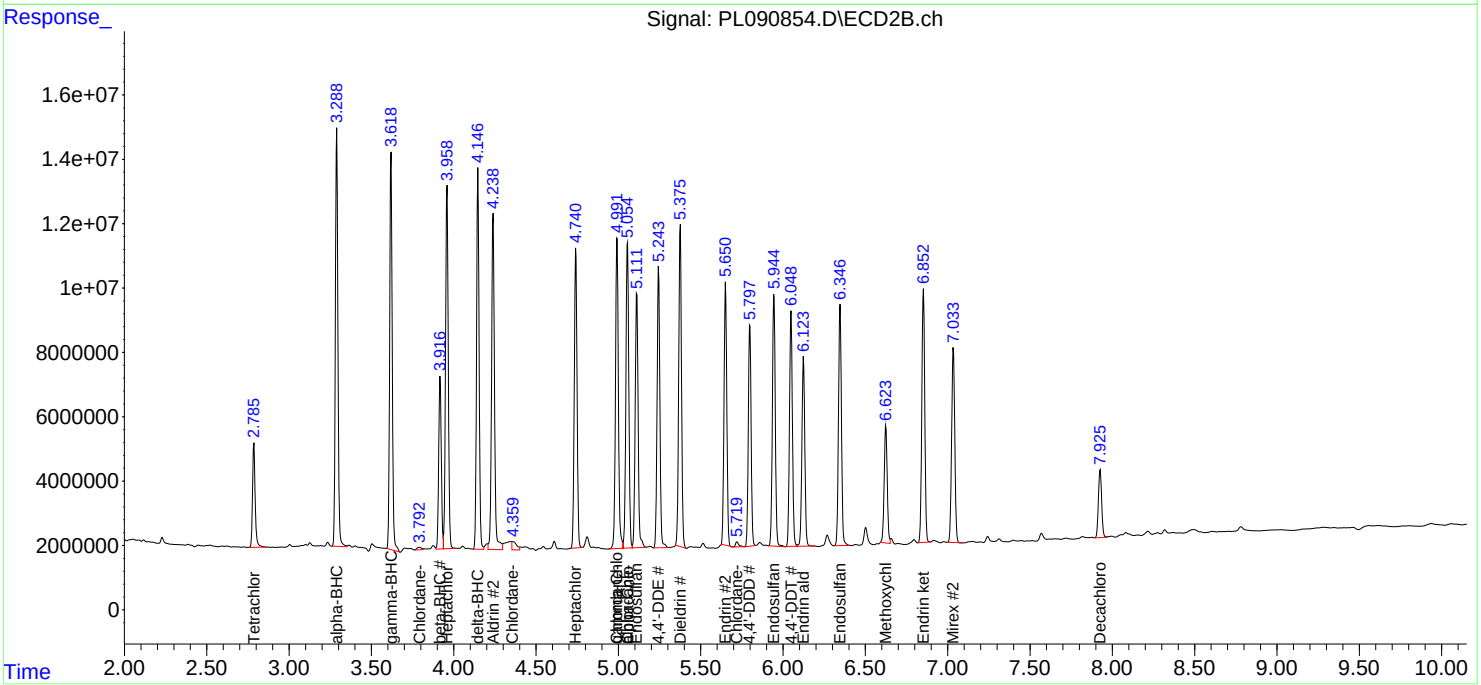
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080724\
Data File : PL090854.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Aug 2024 15:38
Operator : AR\AJ
Sample : P3485-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

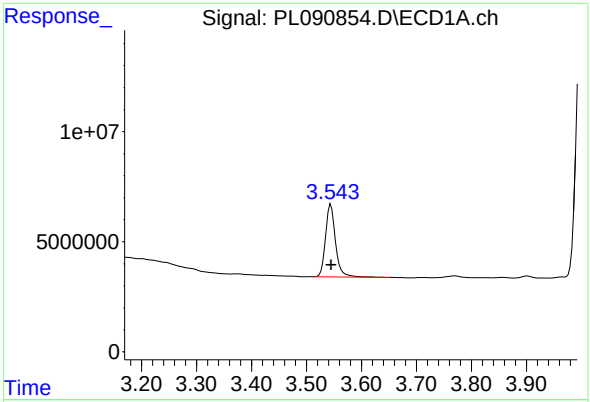
Instrument :
ECD_L
ClientSampleId :
CMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 01:29:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
Quant Title : GC Extractables
QLast Update : Tue Aug 06 10:55:36 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm



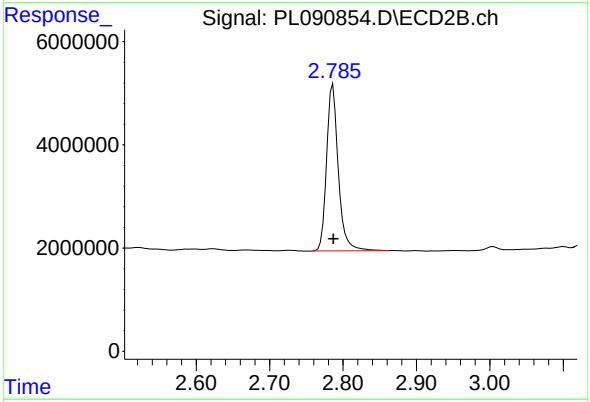




#1 Tetrachloro-m-xylene

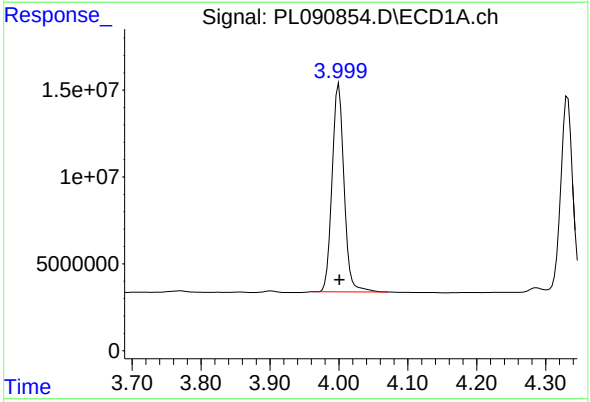
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 41297448
Conc: 21.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
CMS



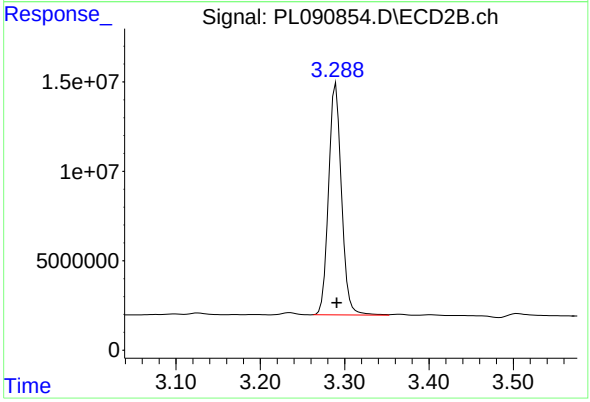
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.000 min
Response: 35831544
Conc: 20.73 ng/ml



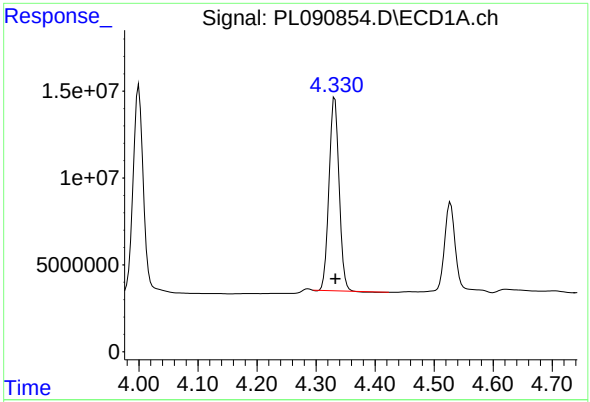
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 144174945
Conc: 52.20 ng/ml



#2 alpha-BHC

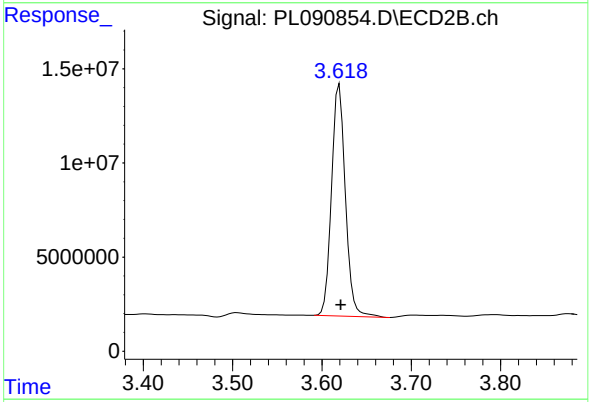
R.T.: 3.290 min
Delta R.T.: 0.000 min
Response: 137619374
Conc: 55.86 ng/ml



#3 gamma-BHC (Lindane)

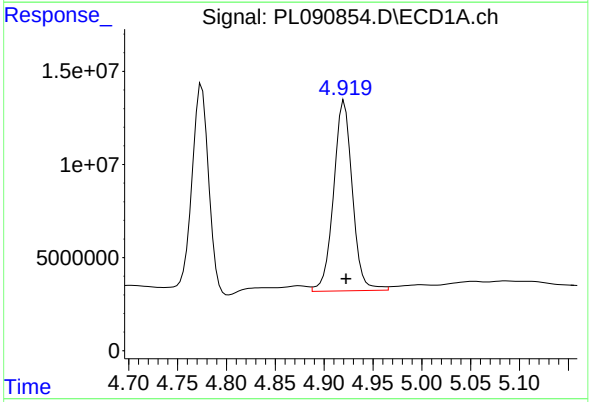
R.T.: 4.332 min
Delta R.T.: -0.001 min
Response: 131868900
Conc: 50.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
CMS



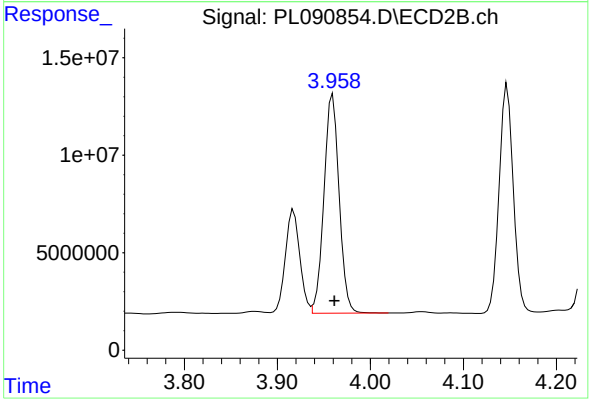
#3 gamma-BHC (Lindane)

R.T.: 3.620 min
Delta R.T.: -0.002 min
Response: 132698935
Conc: 56.68 ng/ml



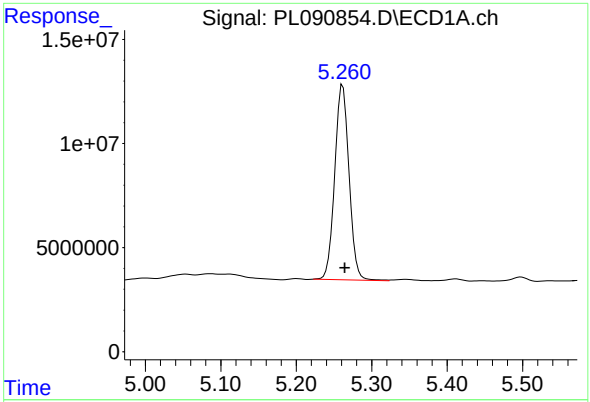
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 136601645
Conc: 55.24 ng/ml



#4 Heptachlor

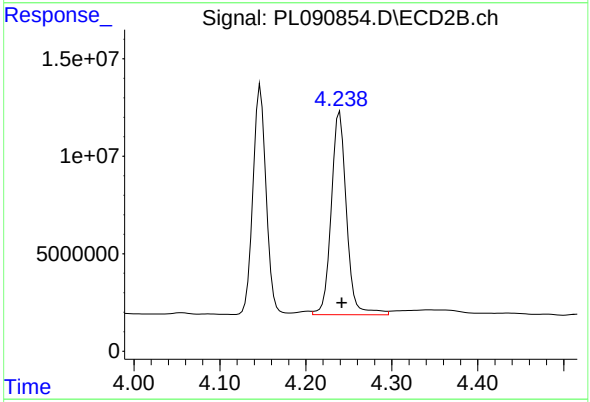
R.T.: 3.960 min
Delta R.T.: -0.002 min
Response: 127371315
Conc: 54.94 ng/ml



#5 Aldrin

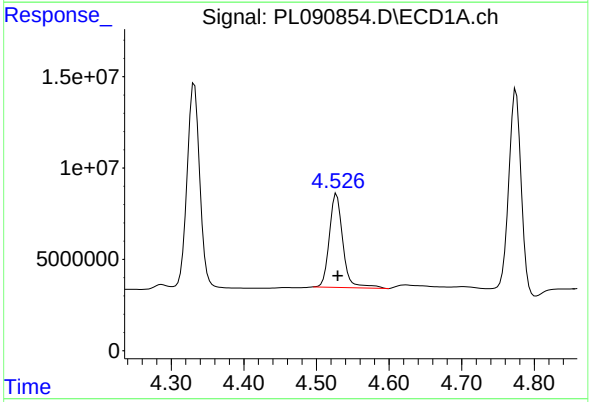
R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 123553245
Conc: 51.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
CMS



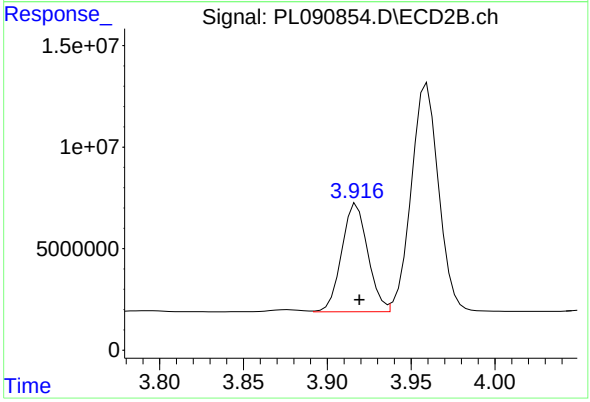
#5 Aldrin

R.T.: 4.239 min
Delta R.T.: -0.002 min
Response: 128230756
Conc: 57.84 ng/ml



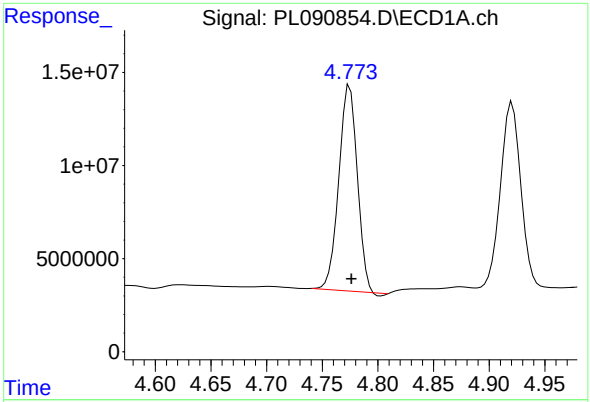
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.001 min
Response: 66328227
Conc: 52.69 ng/ml



#6 beta-BHC

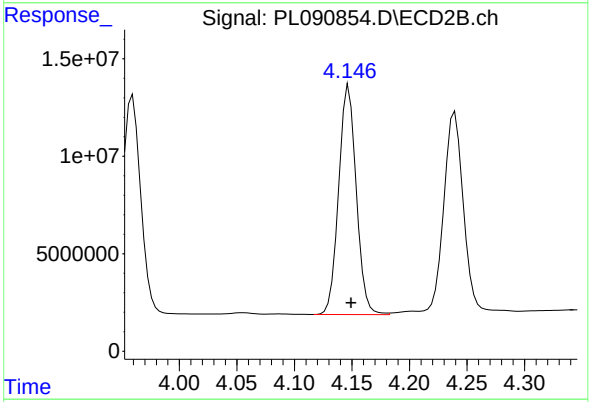
R.T.: 3.917 min
Delta R.T.: -0.002 min
Response: 57586913
Conc: 54.14 ng/ml



#7 delta-BHC

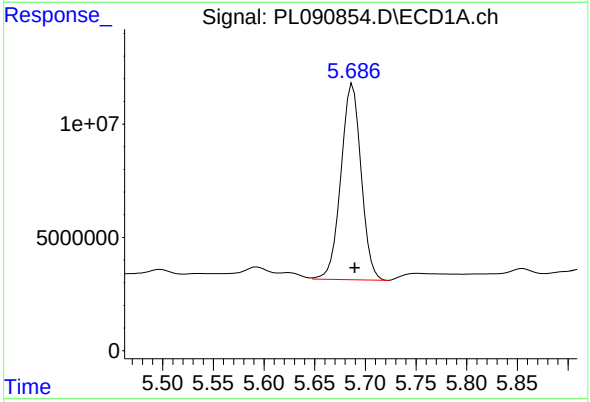
R.T.: 4.775 min
Delta R.T.: -0.002 min
Response: 127141949
Conc: 50.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
CMS



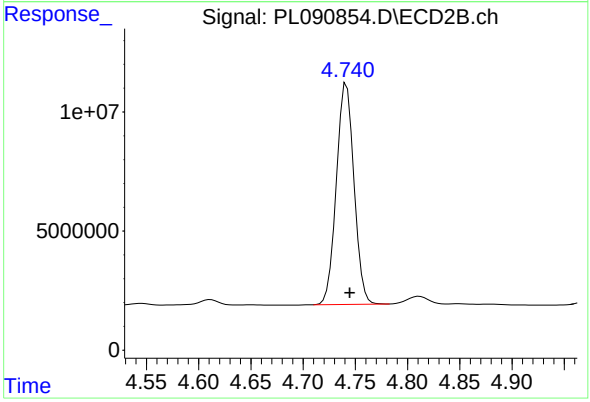
#7 delta-BHC

R.T.: 4.147 min
Delta R.T.: -0.002 min
Response: 125452036
Conc: 56.14 ng/ml



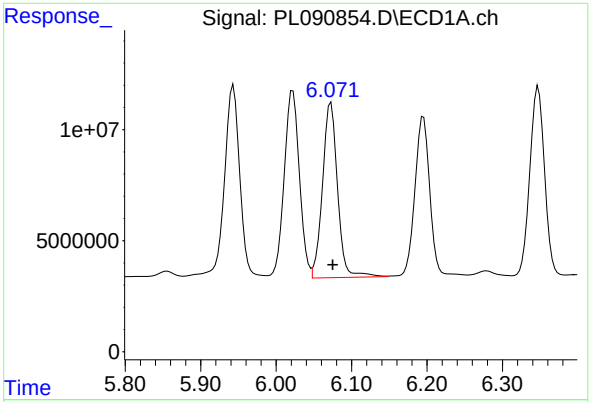
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 119912958
Conc: 52.77 ng/ml



#8 Heptachlor epoxide

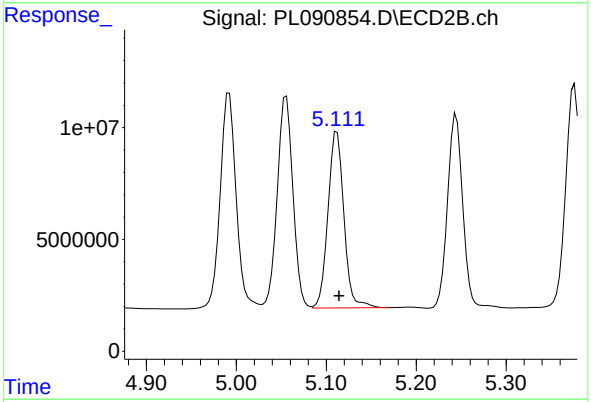
R.T.: 4.742 min
Delta R.T.: -0.003 min
Response: 108942358
Conc: 53.45 ng/ml



#9 Endosulfan I

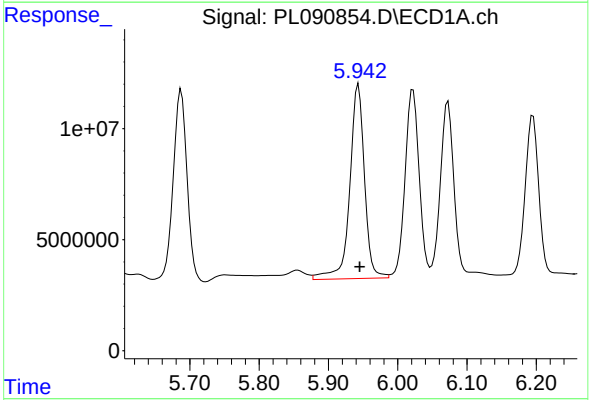
R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 108987617
Conc: 51.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
CMS



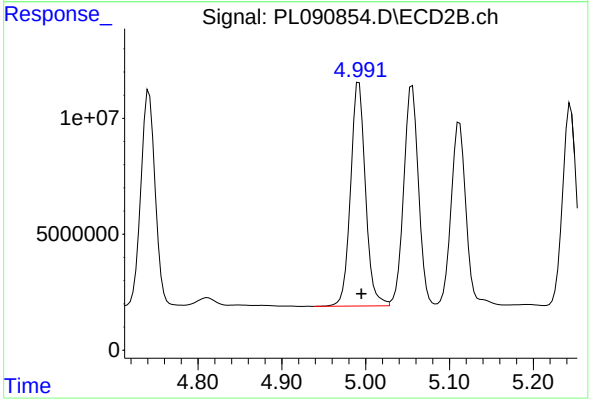
#9 Endosulfan I

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 97357110
Conc: 50.42 ng/ml



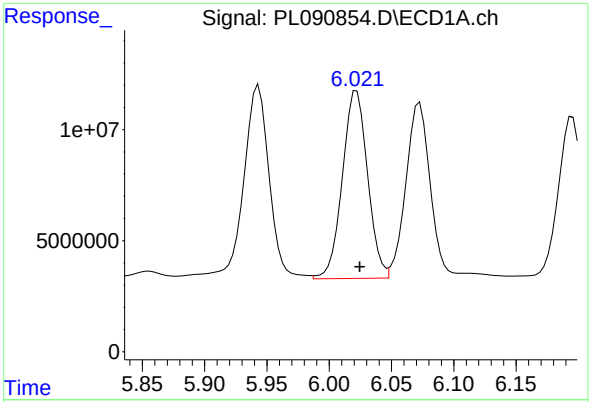
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 129515874
Conc: 57.32 ng/ml



#10 gamma-Chlordane

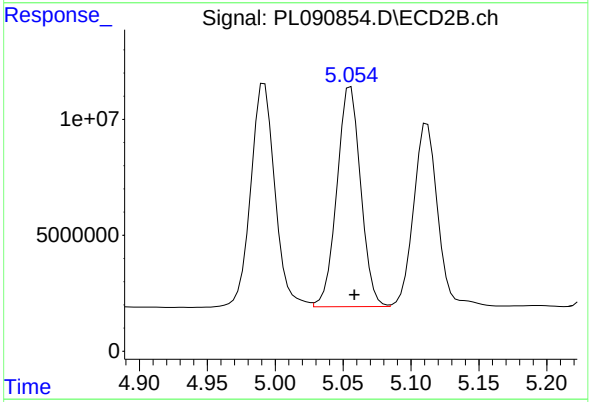
R.T.: 4.992 min
Delta R.T.: -0.003 min
Response: 119520441
Conc: 55.97 ng/ml



#11 alpha-Chlordane

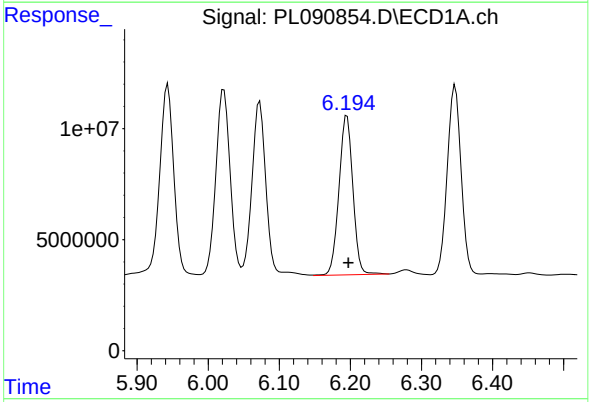
R.T.: 6.022 min
Delta R.T.: -0.002 min
Response: 119543220
Conc: 53.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
CMS



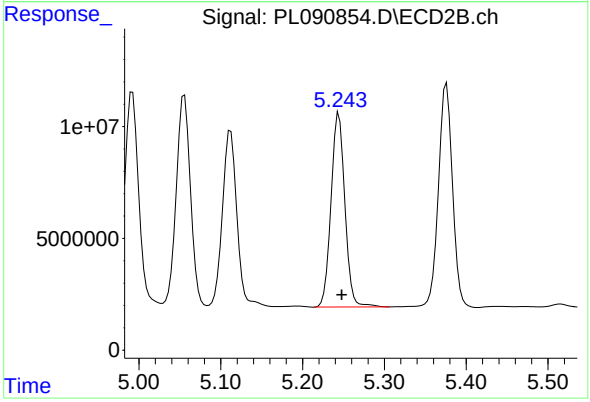
#11 alpha-Chlordane

R.T.: 5.056 min
Delta R.T.: -0.003 min
Response: 115721583
Conc: 54.24 ng/ml



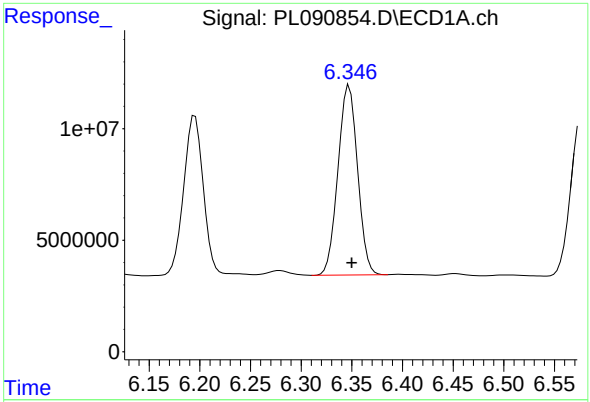
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 97419451
Conc: 49.14 ng/ml



#12 4,4'-DDE

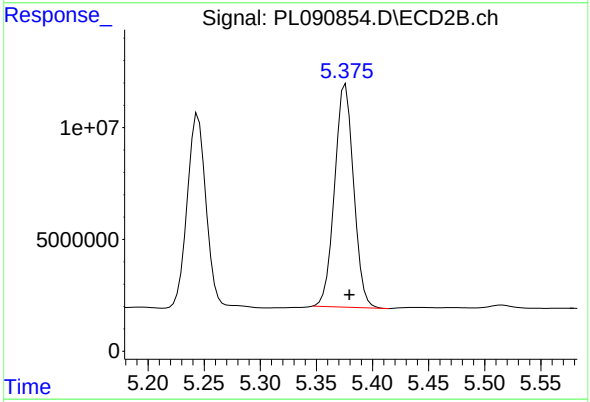
R.T.: 5.245 min
Delta R.T.: -0.003 min
Response: 102241851
Conc: 54.50 ng/ml



#13 Dieldrin

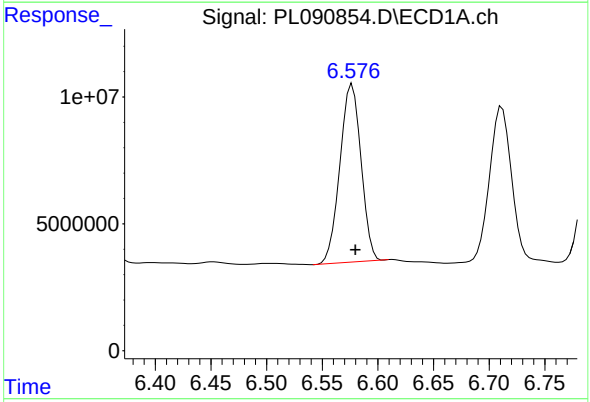
R.T.: 6.347 min
Delta R.T.: -0.003 min
Response: 114549508
Conc: 52.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
CMS



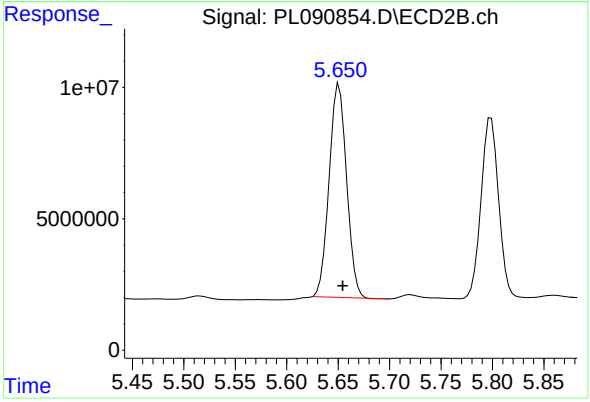
#13 Dieldrin

R.T.: 5.376 min
Delta R.T.: -0.003 min
Response: 117786076
Conc: 57.05 ng/ml



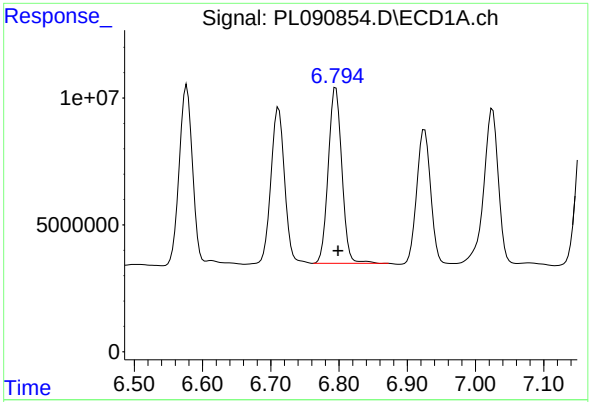
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 92835197
Conc: 50.69 ng/ml



#14 Endrin

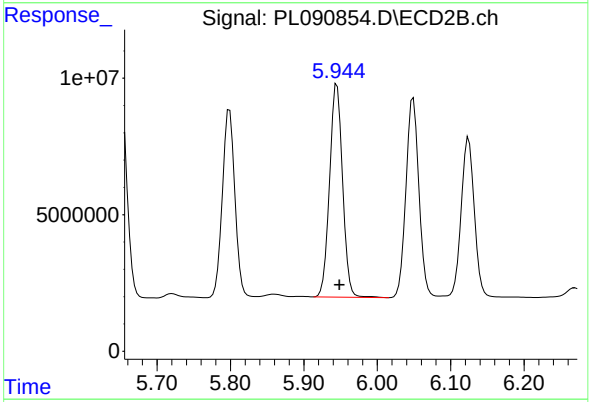
R.T.: 5.651 min
Delta R.T.: -0.003 min
Response: 96049808
Conc: 52.57 ng/ml



#15 Endosulfan II

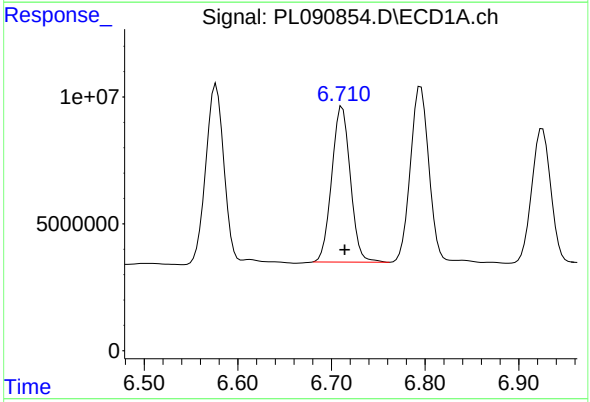
R.T.: 6.795 min
Delta R.T.: -0.003 min
Response: 95562712
Conc: 47.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
CMS



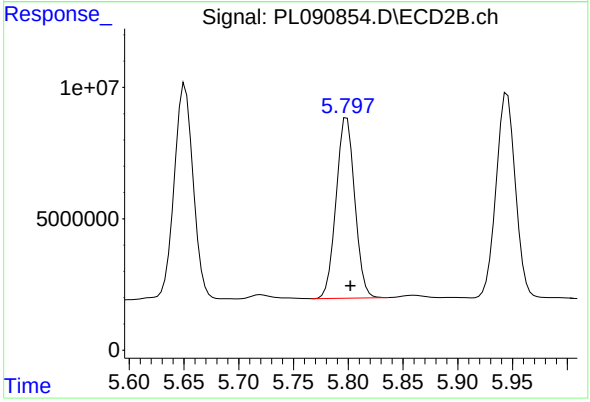
#15 Endosulfan II

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 96409523
Conc: 53.08 ng/ml



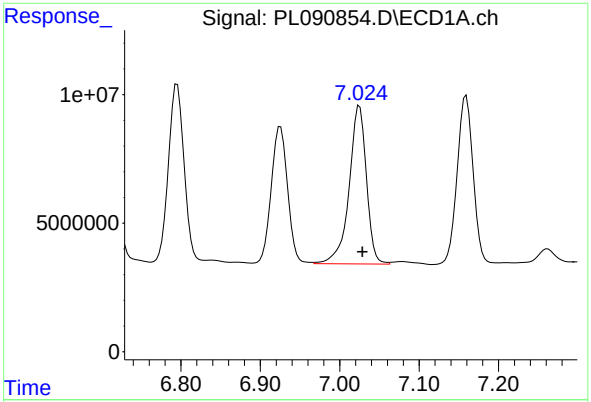
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.003 min
Response: 84758369
Conc: 51.41 ng/ml



#16 4,4'-DDD

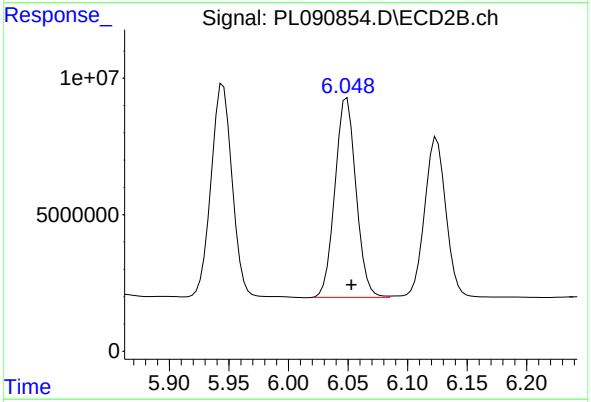
R.T.: 5.799 min
Delta R.T.: -0.003 min
Response: 81366944
Conc: 52.44 ng/ml



#17 4,4'-DDT

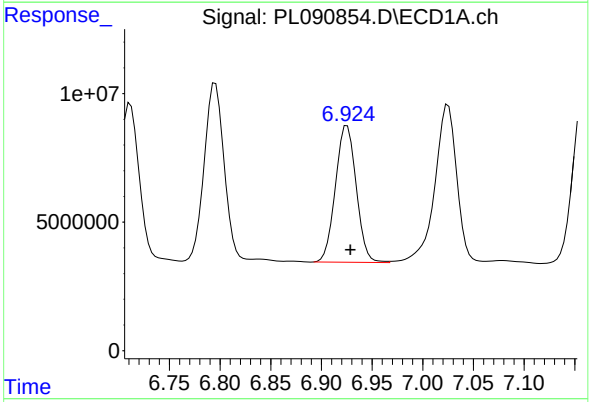
R.T.: 7.025 min
Delta R.T.: -0.003 min
Response: 93283920
Conc: 52.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
CMS



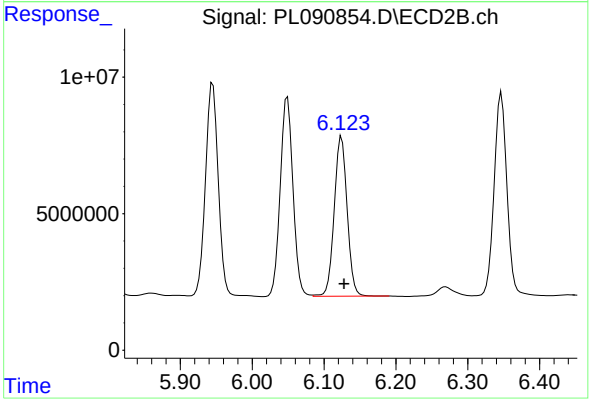
#17 4,4'-DDT

R.T.: 6.049 min
Delta R.T.: -0.004 min
Response: 89793875
Conc: 54.15 ng/ml



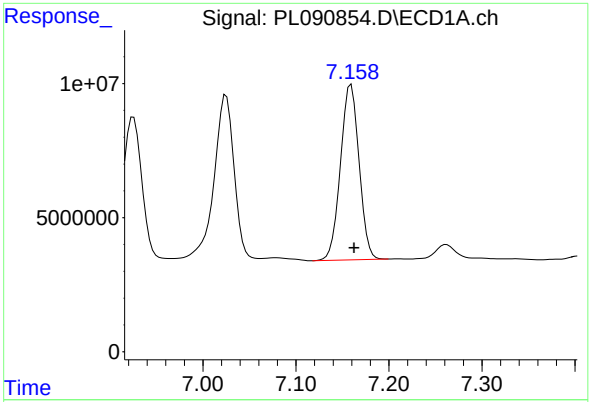
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 75874064
Conc: 50.38 ng/ml



#18 Endrin aldehyde

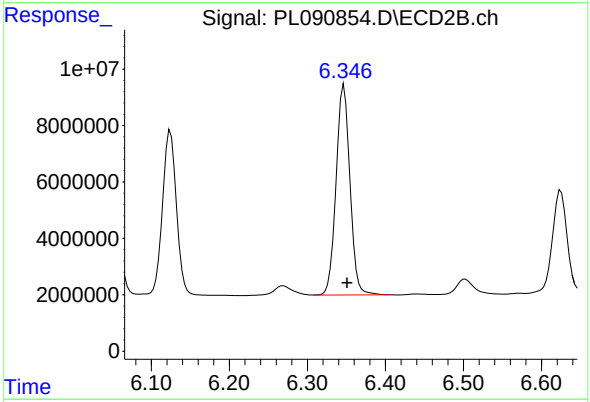
R.T.: 6.124 min
Delta R.T.: -0.003 min
Response: 72976123
Conc: 51.54 ng/ml



#19 Endosulfan Sulfate

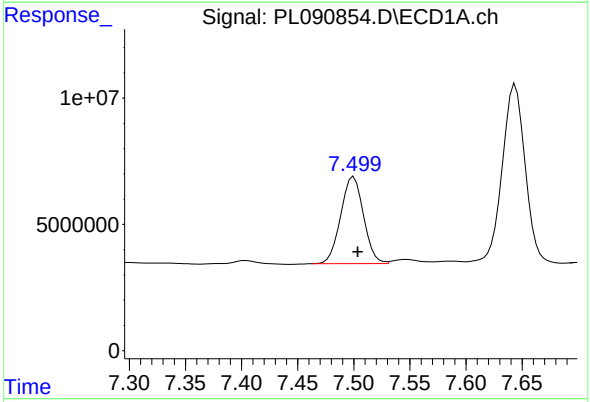
R.T.: 7.159 min
Delta R.T.: -0.003 min
Response: 90889997
Conc: 50.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
CMS



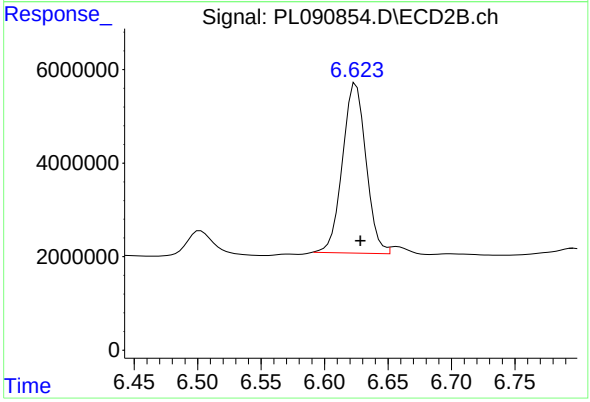
#19 Endosulfan Sulfate

R.T.: 6.347 min
Delta R.T.: -0.004 min
Response: 91744220
Conc: 52.55 ng/ml



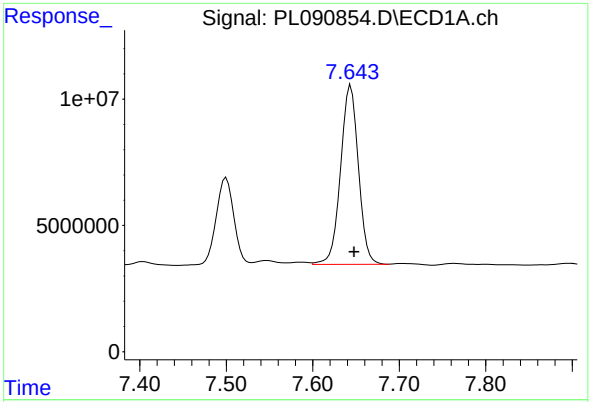
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: -0.004 min
Response: 48676632
Conc: 51.01 ng/ml



#20 Methoxychlor

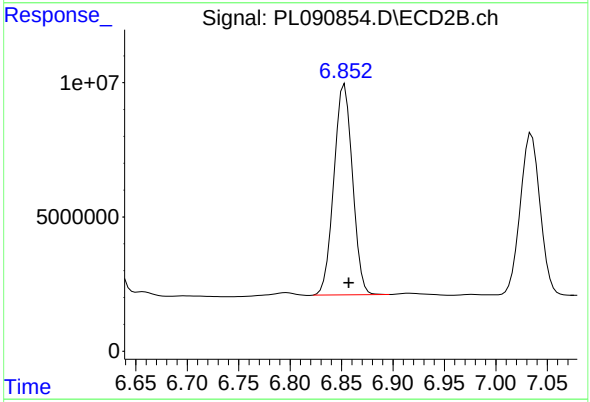
R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 46825963
Conc: 50.73 ng/ml



#21 Endrin ketone

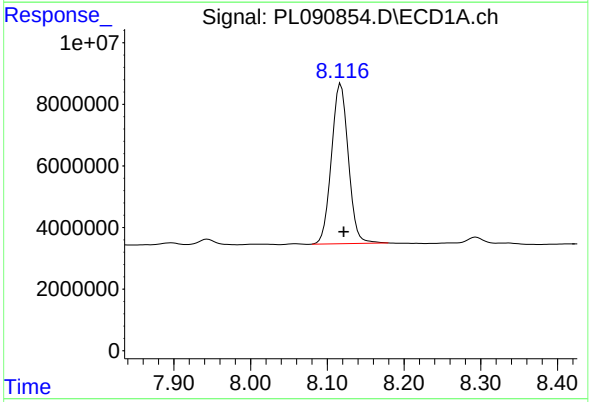
R.T.: 7.644 min
Delta R.T.: -0.004 min
Response: 101182292
Conc: 51.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
CMS



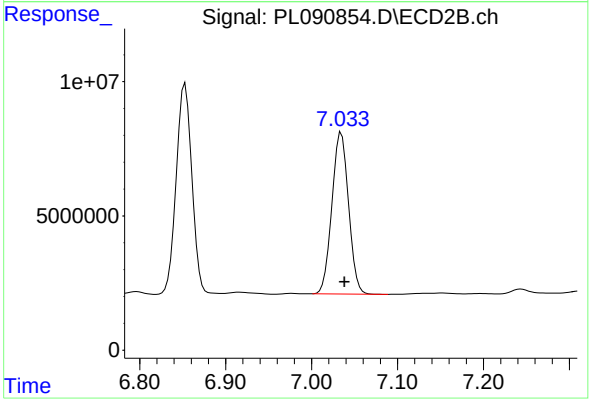
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: -0.004 min
Response: 98708548
Conc: 49.80 ng/ml



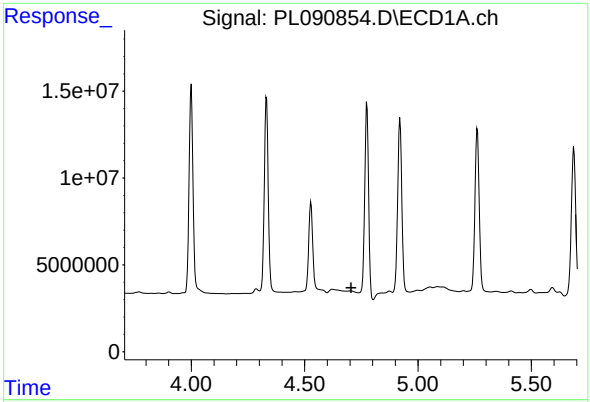
#22 Mirex

R.T.: 8.118 min
Delta R.T.: -0.004 min
Response: 79429893
Conc: 51.10 ng/ml



#22 Mirex

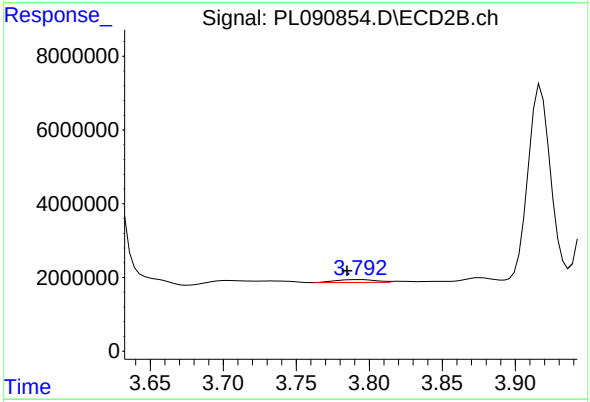
R.T.: 7.035 min
Delta R.T.: -0.004 min
Response: 80799741
Conc: 48.11 ng/ml



#23 Chlordane-1

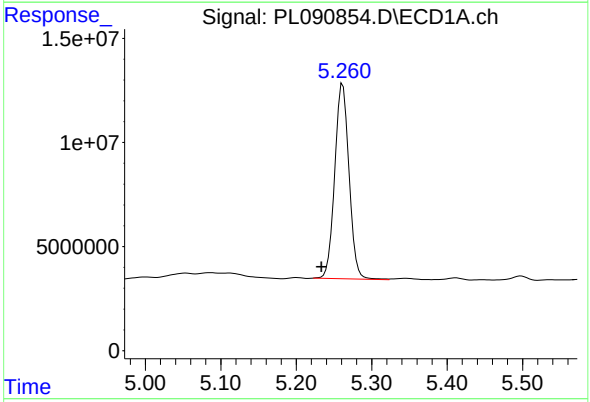
R.T.: 0.000 min
Exp R.T. : 4.705 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
CMS



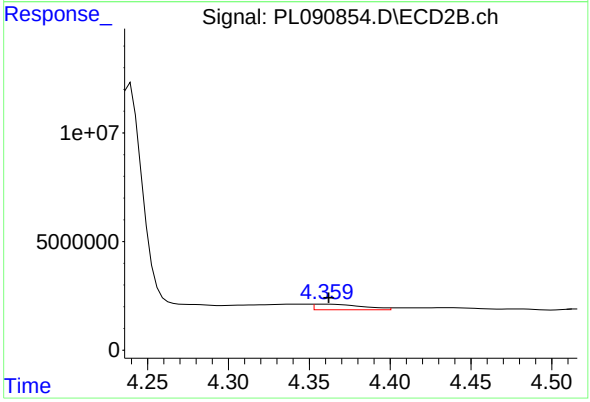
#23 Chlordane-1

R.T.: 3.793 min
Delta R.T.: 0.008 min
Response: 1462668
Conc: 21.69 ng/ml



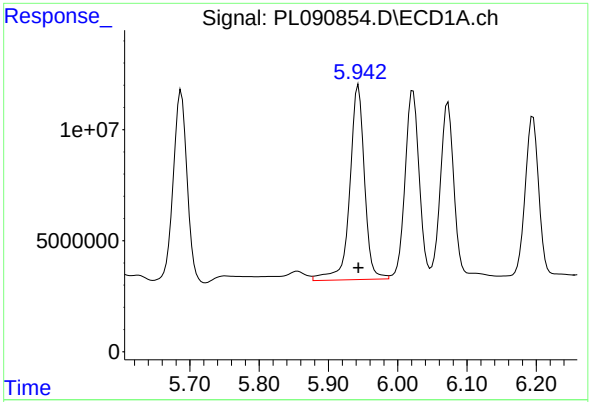
#24 Chlordane-2

R.T.: 5.262 min
Delta R.T.: 0.028 min
Response: 123553245
Conc: 1225.10 ng/ml



#24 Chlordane-2

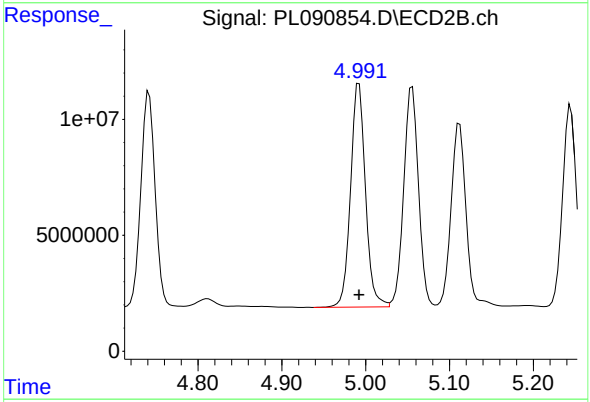
R.T.: 4.358 min
Delta R.T.: -0.004 min
Response: 5265018
Conc: 63.30 ng/ml



#25 Chlordane-3

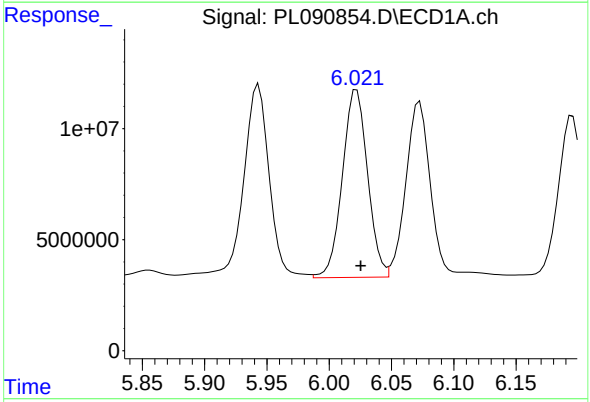
R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 129515874
Conc: 393.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
CMS



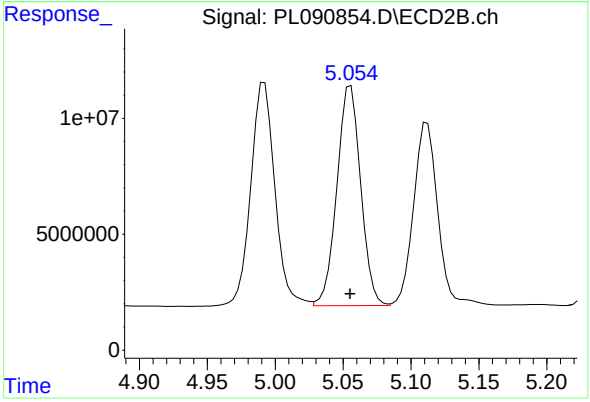
#25 Chlordane-3

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 119520441
Conc: 533.74 ng/ml



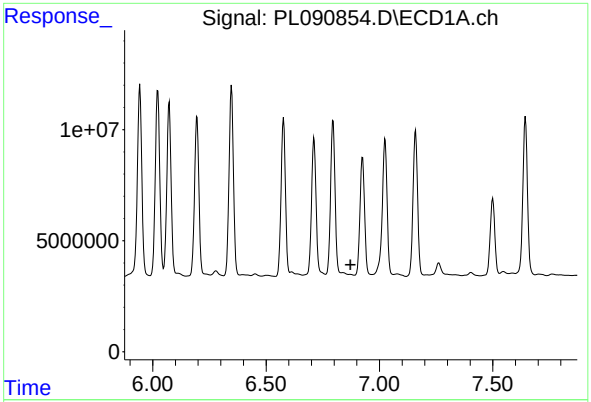
#26 Chlordane-4

R.T.: 6.022 min
Delta R.T.: -0.003 min
Response: 119543220
Conc: 298.30 ng/ml



#26 Chlordane-4

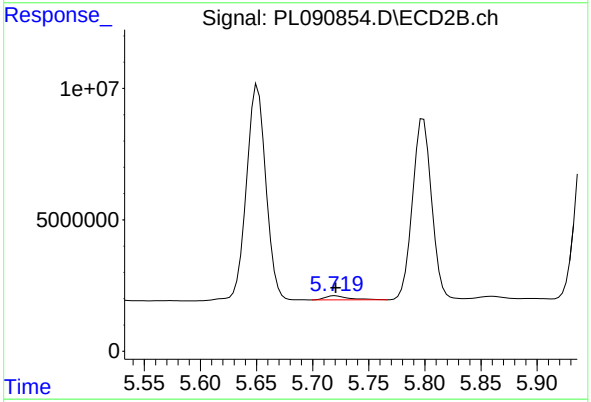
R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 115721583
Conc: 540.86 ng/ml



#27 Chlordane-5

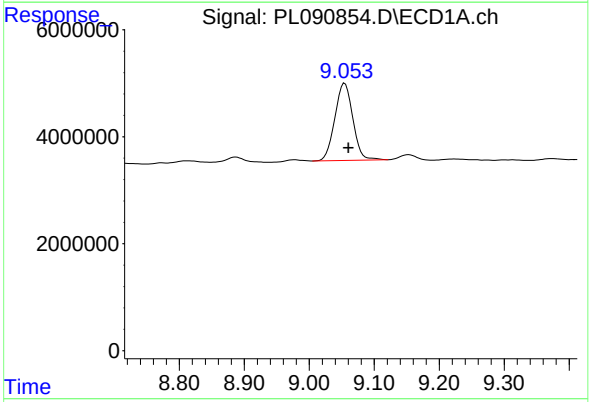
R.T.: 0.000 min
Exp R.T. : 6.873 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
CMS



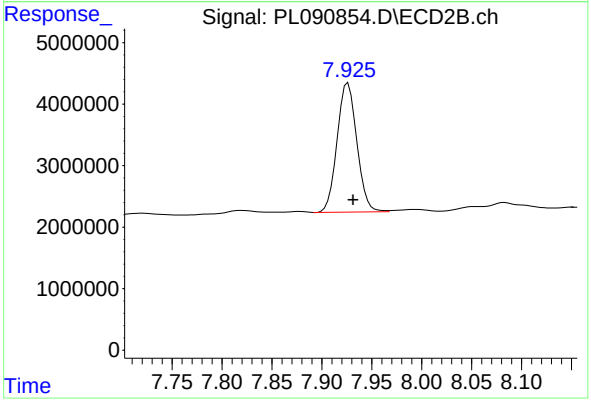
#27 Chlordane-5

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 2236252
Conc: 33.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: -0.006 min
Response: 27774125
Conc: 19.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.926 min
Delta R.T.: -0.005 min
Response: 28871994
Conc: 17.30 ng/ml