

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121824\
 Data File : PL093423.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2024 17:24
 Operator : AR\AJ
 Sample : P5306-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OU4-VSL-07-121224MSD

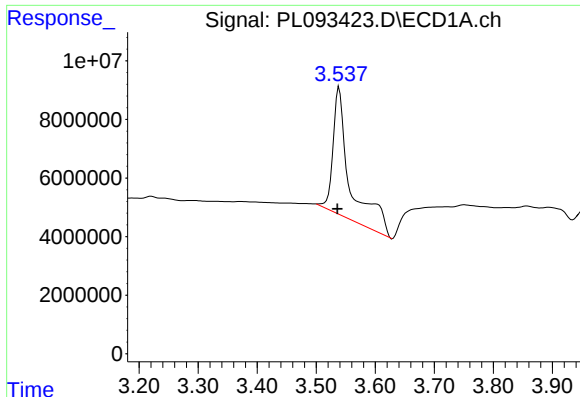
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 04:29:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112524.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 25 15:18:43 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.539	2.776	87556106	54190459	33.689	18.790 #
28)	SA Decachlor...	9.056	7.913	36734068	56641240	21.129	19.829
Target Compounds							
2)	A alpha-BHC	3.995	3.279	172.5E6	215.1E6	48.331	50.375
3)	MA gamma-BHC...	4.328	3.609	162.0E6	204.9E6	47.957	49.503
4)	MA Heptachlor	4.916	3.947	150.2E6	212.1E6	49.141	52.439
5)	MB Aldrin	5.258	4.227	142.6E6	197.8E6	47.434	49.722
6)	B beta-BHC	4.526	3.909	74120583	90131985	49.095	50.668
7)	B delta-BHC	4.773	4.138	151.1E6	202.9E6	45.659	47.567
8)	B Heptachlo...	5.684	4.730	130.5E6	186.0E6	47.007	51.076
9)	A Endosulfan I	6.070	5.100	120.2E6	174.2E6	49.383	52.108
10)	B gamma-Chl...	5.940	4.980	127.5E6	195.9E6	49.476	52.863
11)	B alpha-Chl...	6.019	5.043	128.4E6	190.0E6	49.542	52.343
12)	B 4,4'-DDE	6.193	5.232	117.1E6	187.3E6	50.050	52.324
13)	MA Dieldrin	6.345	5.364	126.0E6	191.9E6	49.143	52.080
14)	MA Endrin	6.574	5.639	111.7E6	175.1E6	53.268	54.910
15)	B Endosulfa...	6.794	5.934	113.0E6	166.6E6	51.801	52.565
16)	A 4,4'-DDD	6.710	5.787	97164827	144.1E6	53.029	51.410
17)	MA 4,4'-DDT	7.024	6.037	102.1E6	163.0E6	52.980	55.038
18)	B Endrin al...	6.925	6.113	87554685	129.8E6	48.463	49.517
19)	B Endosulfa...	7.159	6.336	105.0E6	159.4E6	50.679	52.450
20)	A Methoxychlor	7.501	6.612	56413444	83675858	53.990	54.800
21)	B Endrin ke...	7.644	6.842	117.5E6	182.3E6	51.786	54.308
22)	Mirex	8.118	7.021	87244952	139.1E6	48.302	51.790
24)	Chlordane-2	5.258f	4.366f	142.6E6	1925918	1244.028	14.373 #
25)	Chlordane-3	5.940	4.980	127.5E6	195.9E6	334.362	487.451 #
26)	Chlordane-4	6.019	5.043	128.4E6	190.0E6	276.162	487.166 #
27)	Chlordane-5	0.000	5.934	0	166.6E6	N.D.	1215.689 #

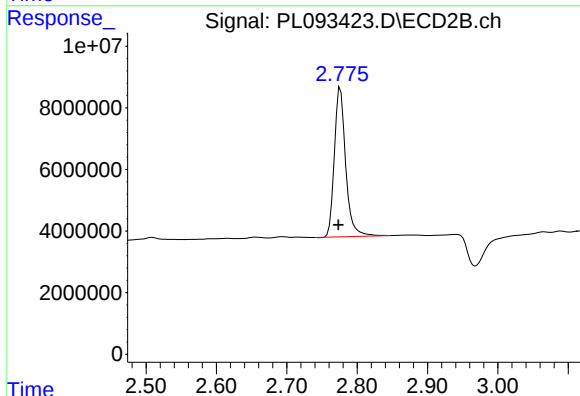
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

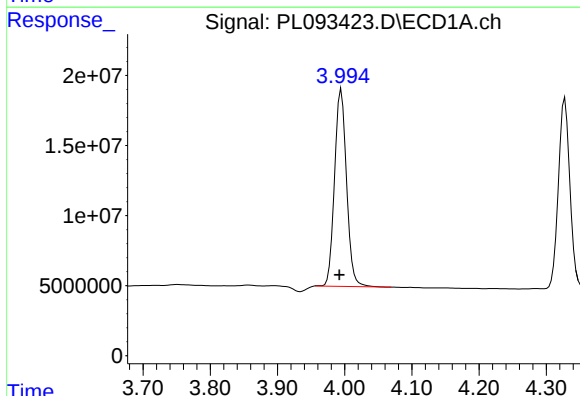
R.T.: 3.539 min
Delta R.T.: 0.003 min
Response: 87556106
Conc: 33.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-07-121224MSD



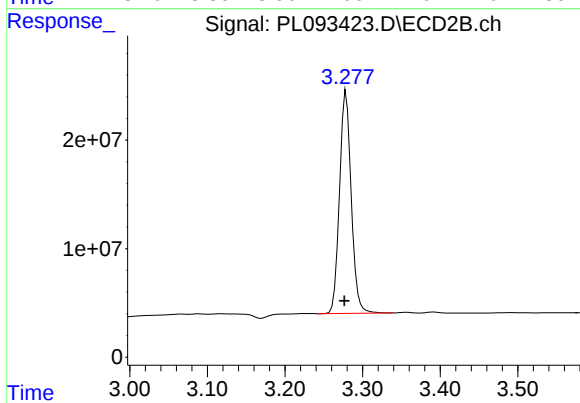
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.003 min
Response: 54190459
Conc: 18.79 ng/ml



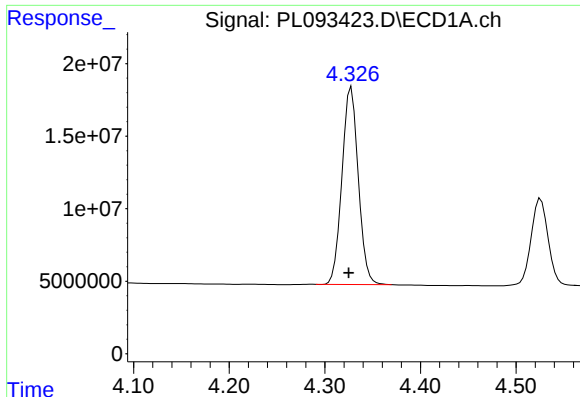
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.003 min
Response: 172466700
Conc: 48.33 ng/ml



#2 alpha-BHC

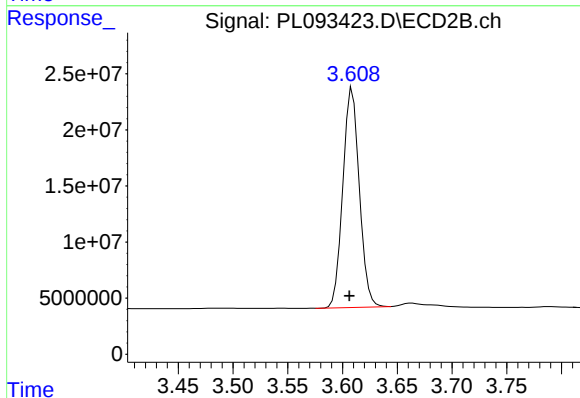
R.T.: 3.279 min
Delta R.T.: 0.002 min
Response: 215071406
Conc: 50.37 ng/ml



#3 gamma-BHC (Lindane)

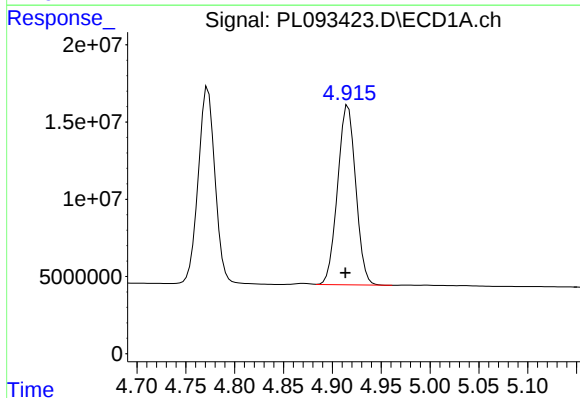
R.T.: 4.328 min
Delta R.T.: 0.003 min
Response: 162030299
Conc: 47.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-07-121224MSD



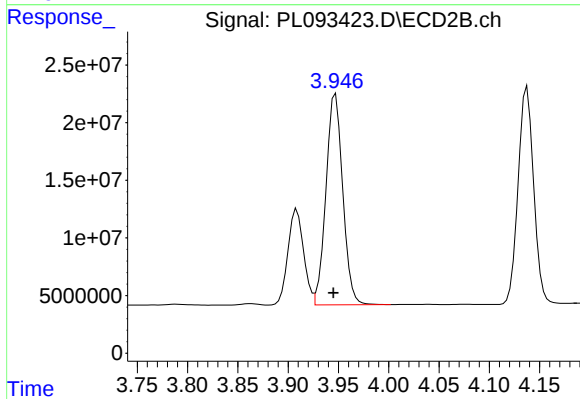
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: 0.003 min
Response: 204929402
Conc: 49.50 ng/ml



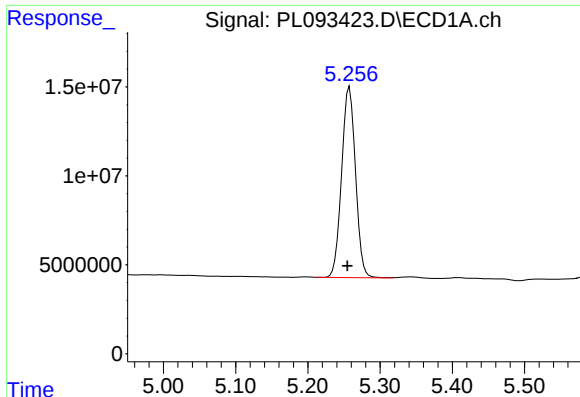
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: 0.003 min
Response: 150178874
Conc: 49.14 ng/ml



#4 Heptachlor

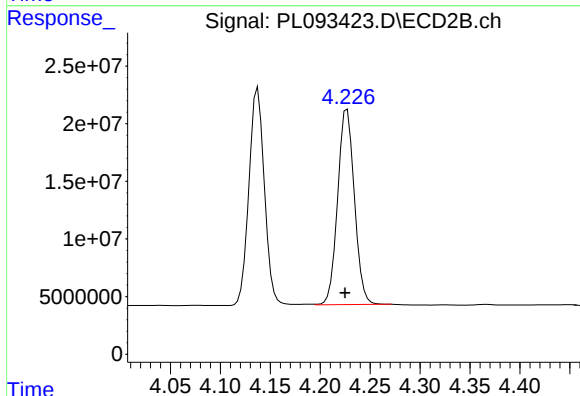
R.T.: 3.947 min
Delta R.T.: 0.002 min
Response: 212142814
Conc: 52.44 ng/ml



#5 Aldrin

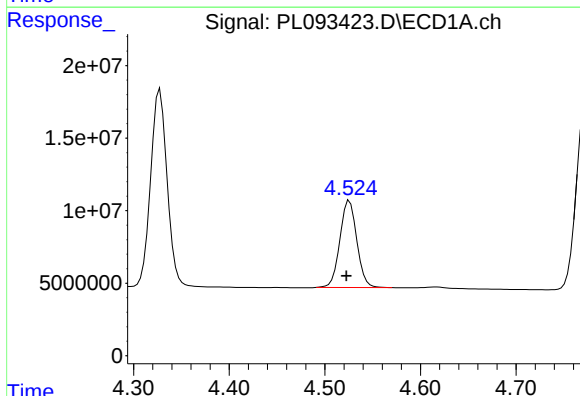
R.T.: 5.258 min
Delta R.T.: 0.003 min
Response: 142642233
Conc: 47.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-07-121224MSD



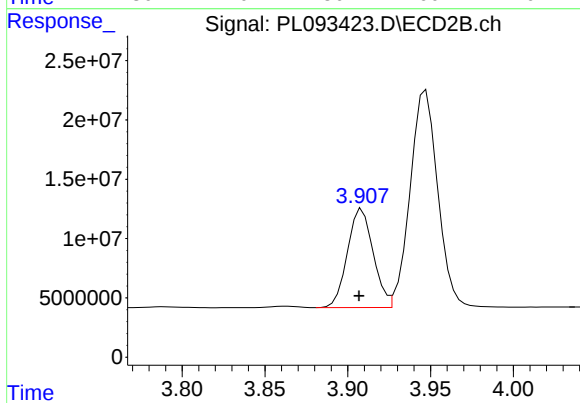
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: 0.002 min
Response: 197836319
Conc: 49.72 ng/ml



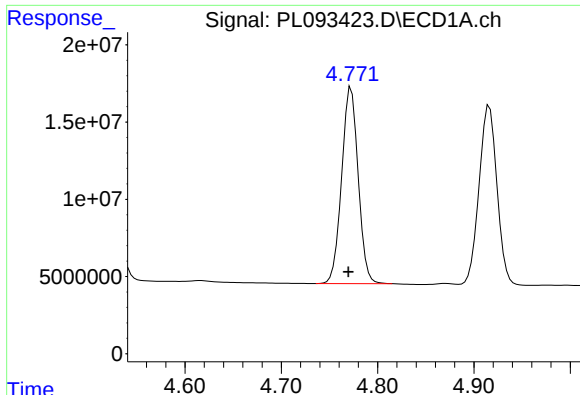
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.003 min
Response: 74120583
Conc: 49.10 ng/ml



#6 beta-BHC

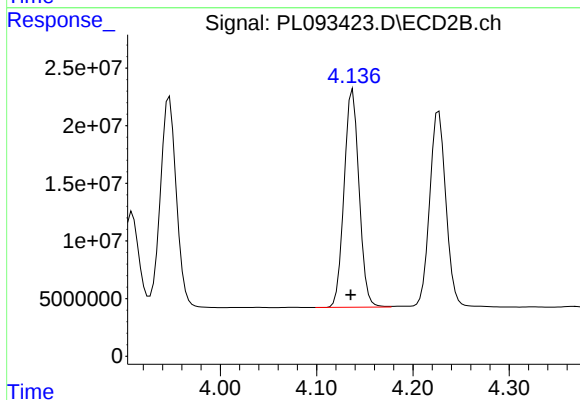
R.T.: 3.909 min
Delta R.T.: 0.002 min
Response: 90131985
Conc: 50.67 ng/ml



#7 delta-BHC

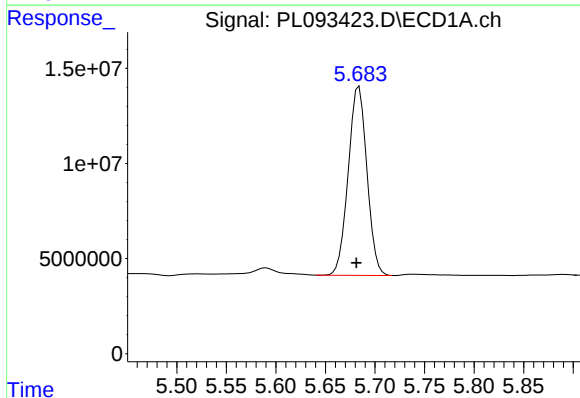
R.T.: 4.773 min
Delta R.T.: 0.003 min
Response: 151067698
Conc: 45.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-07-121224MSD



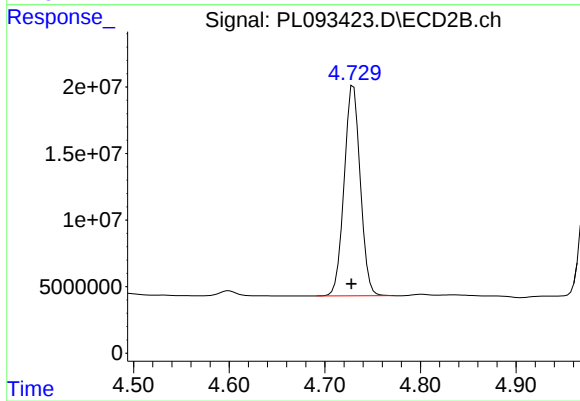
#7 delta-BHC

R.T.: 4.138 min
Delta R.T.: 0.002 min
Response: 202944305
Conc: 47.57 ng/ml



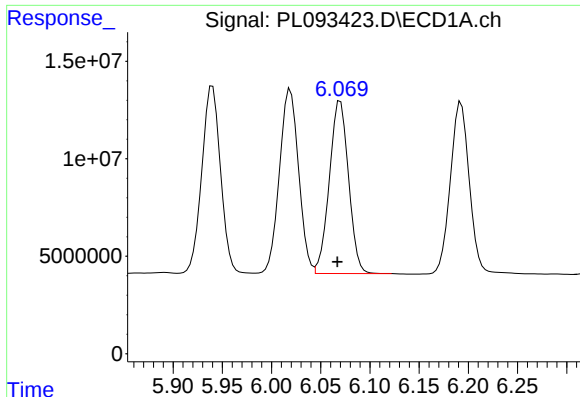
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.003 min
Response: 130524226
Conc: 47.01 ng/ml



#8 Heptachlor epoxide

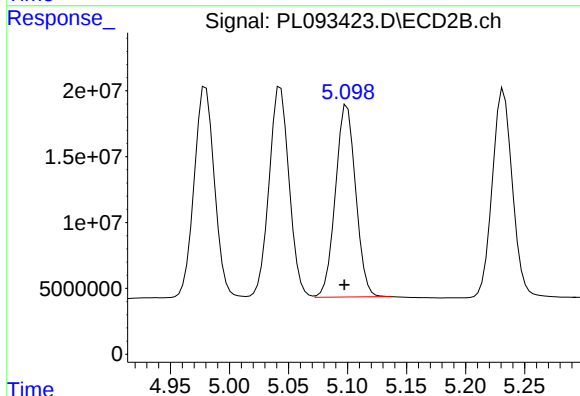
R.T.: 4.730 min
Delta R.T.: 0.002 min
Response: 186029413
Conc: 51.08 ng/ml



#9 Endosulfan I

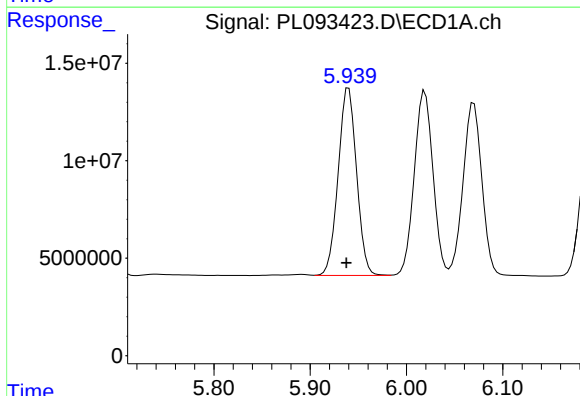
R.T.: 6.070 min
Delta R.T.: 0.003 min
Response: 120206464
Conc: 49.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-07-121224MSD



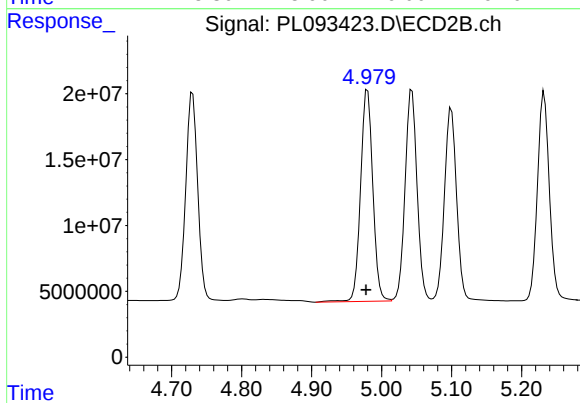
#9 Endosulfan I

R.T.: 5.100 min
Delta R.T.: 0.002 min
Response: 174194398
Conc: 52.11 ng/ml



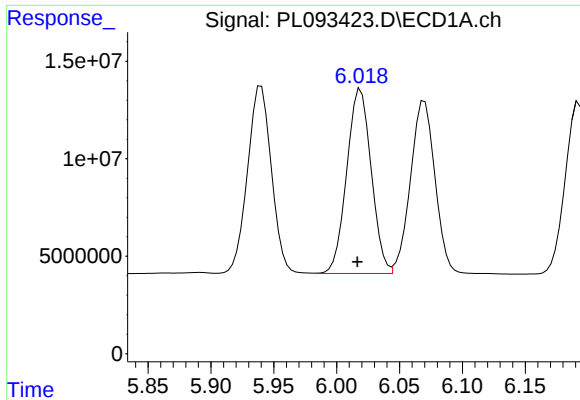
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.003 min
Response: 127466493
Conc: 49.48 ng/ml



#10 gamma-Chlordane

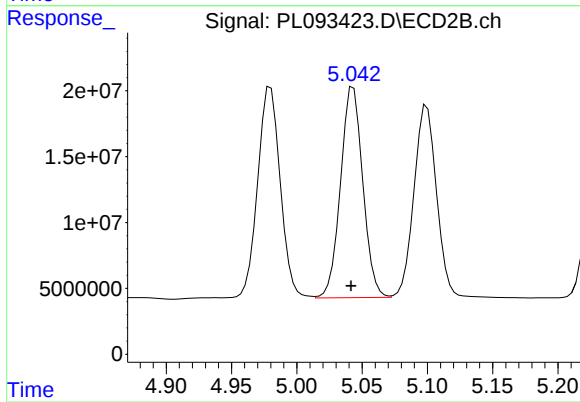
R.T.: 4.980 min
Delta R.T.: 0.002 min
Response: 195864841
Conc: 52.86 ng/ml



#11 alpha-Chlordane

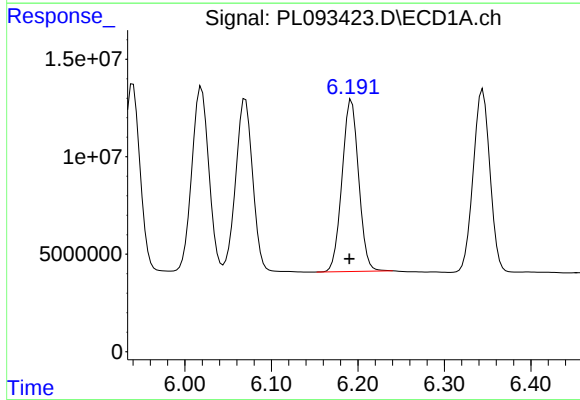
R.T.: 6.019 min
Delta R.T.: 0.003 min
Response: 128366567
Conc: 49.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-07-121224MSD



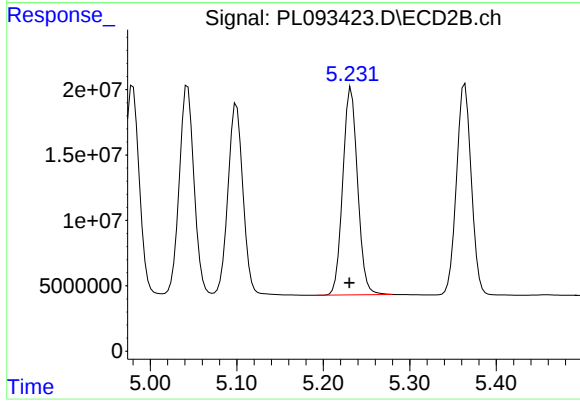
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: 0.002 min
Response: 190019466
Conc: 52.34 ng/ml



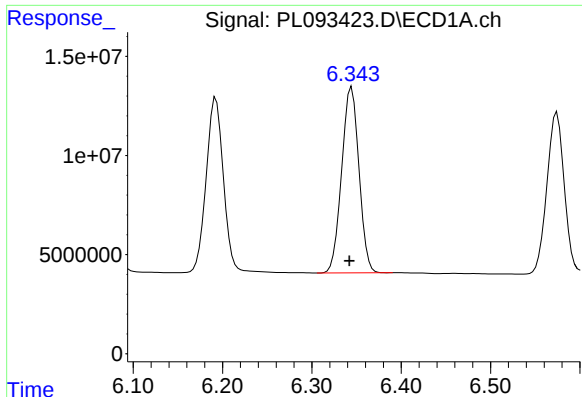
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.002 min
Response: 117082036
Conc: 50.05 ng/ml



#12 4,4'-DDE

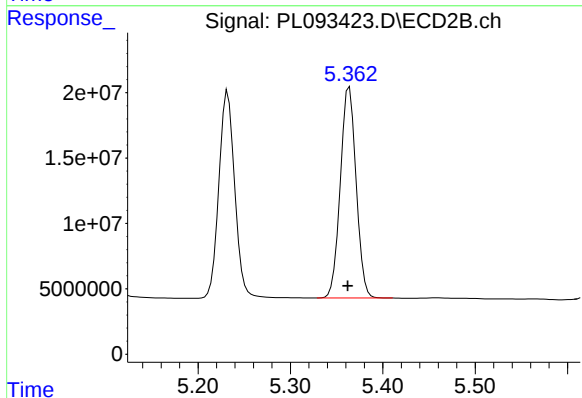
R.T.: 5.232 min
Delta R.T.: 0.002 min
Response: 187320526
Conc: 52.32 ng/ml



#13 Dieldrin

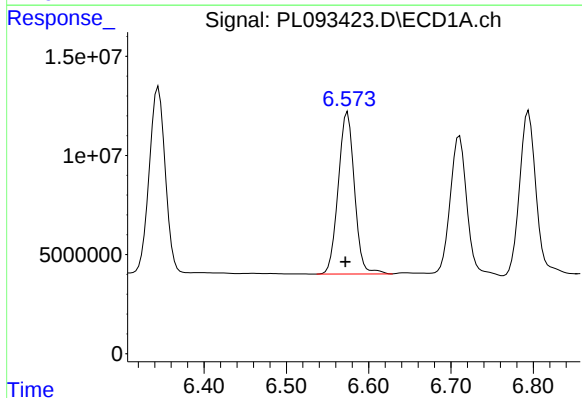
R.T.: 6.345 min
Delta R.T.: 0.002 min
Response: 125961818
Conc: 49.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-07-121224MSD



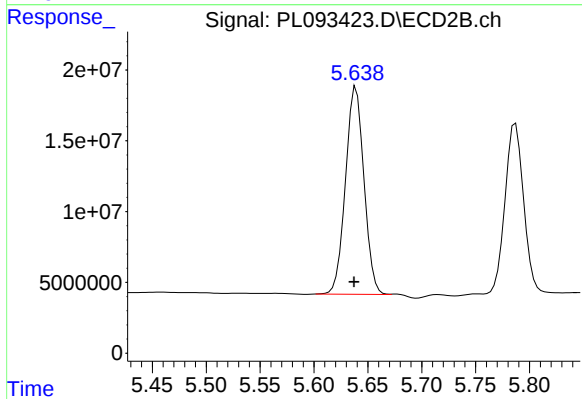
#13 Dieldrin

R.T.: 5.364 min
Delta R.T.: 0.002 min
Response: 191940036
Conc: 52.08 ng/ml



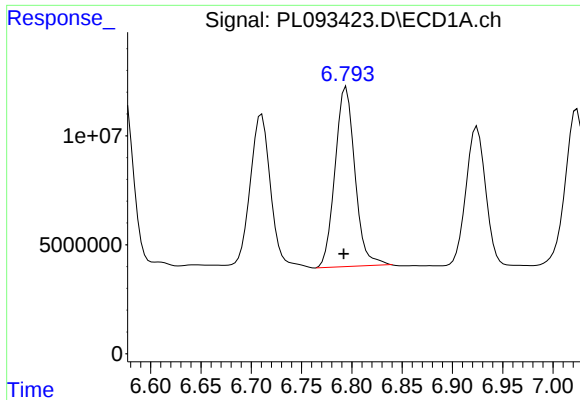
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.003 min
Response: 111727459
Conc: 53.27 ng/ml



#14 Endrin

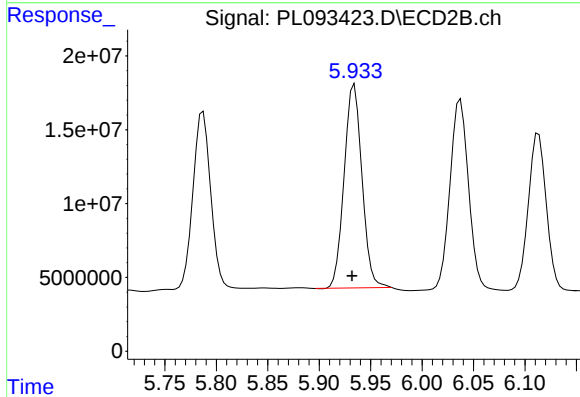
R.T.: 5.639 min
Delta R.T.: 0.002 min
Response: 175122676
Conc: 54.91 ng/ml



#15 Endosulfan II

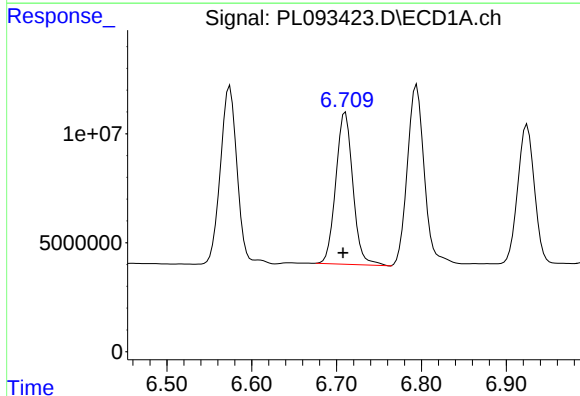
R.T.: 6.794 min
Delta R.T.: 0.003 min
Response: 112952495
Conc: 51.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-07-121224MSD



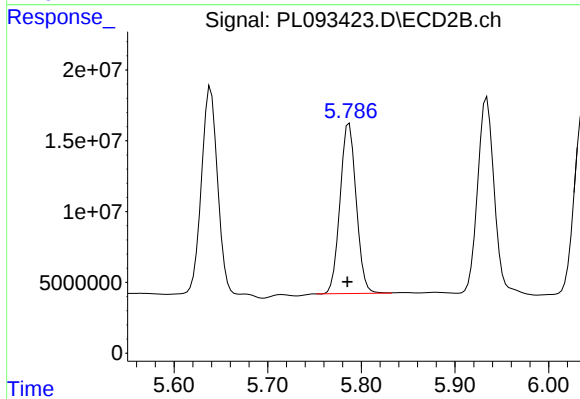
#15 Endosulfan II

R.T.: 5.934 min
Delta R.T.: 0.002 min
Response: 166579226
Conc: 52.57 ng/ml



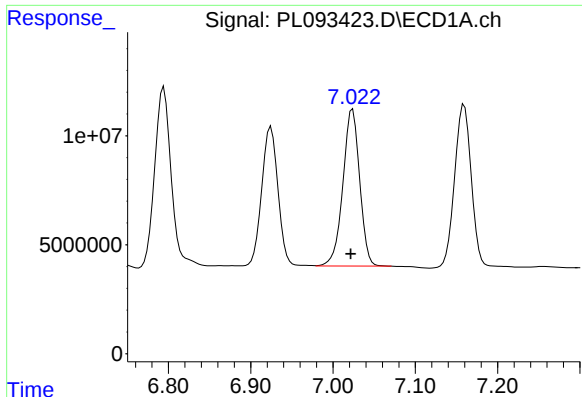
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.003 min
Response: 97164827
Conc: 53.03 ng/ml



#16 4,4'-DDD

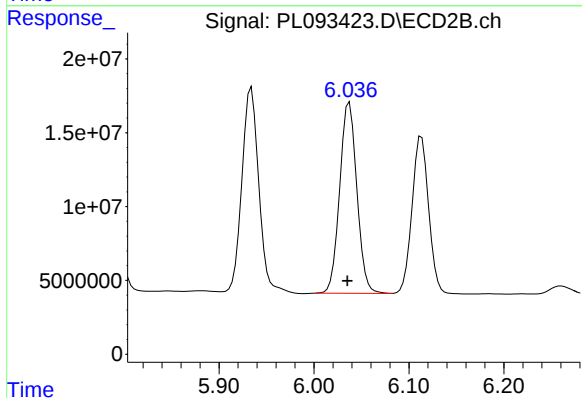
R.T.: 5.787 min
Delta R.T.: 0.002 min
Response: 144124438
Conc: 51.41 ng/ml



#17 4,4'-DDT

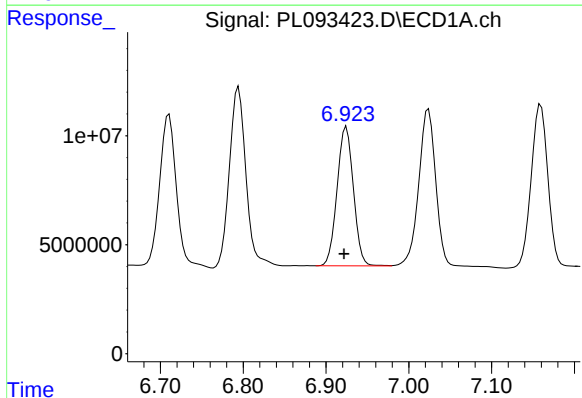
R.T.: 7.024 min
Delta R.T.: 0.002 min
Response: 102136382
Conc: 52.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-07-121224MSD



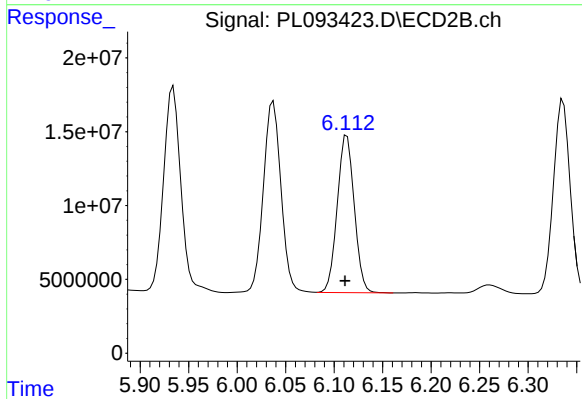
#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: 0.002 min
Response: 163011089
Conc: 55.04 ng/ml



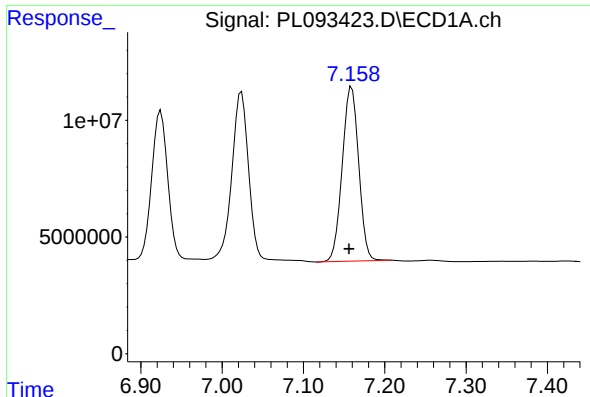
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.003 min
Response: 87554685
Conc: 48.46 ng/ml



#18 Endrin aldehyde

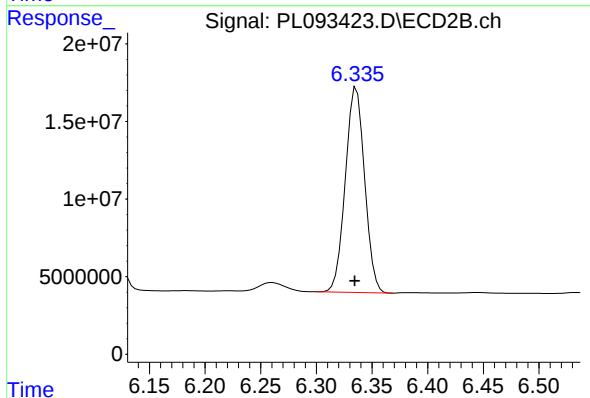
R.T.: 6.113 min
Delta R.T.: 0.002 min
Response: 129848757
Conc: 49.52 ng/ml



#19 Endosulfan Sulfate

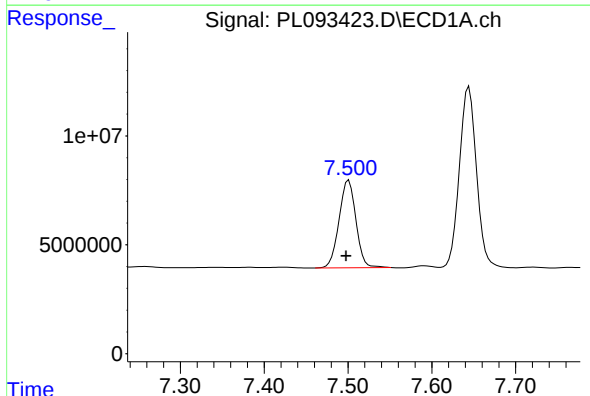
R.T.: 7.159 min
Delta R.T.: 0.003 min
Response: 105042279
Conc: 50.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-07-121224MSD



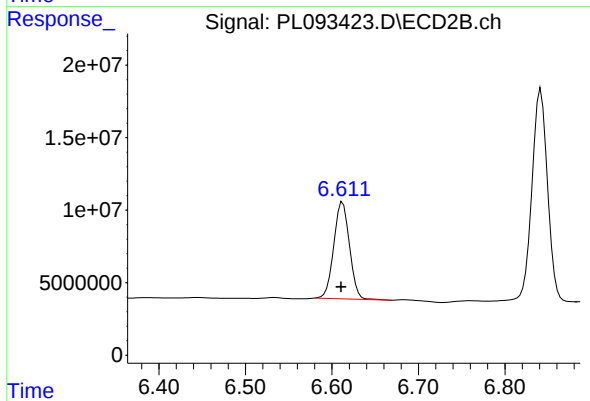
#19 Endosulfan Sulfate

R.T.: 6.336 min
Delta R.T.: 0.002 min
Response: 159430851
Conc: 52.45 ng/ml



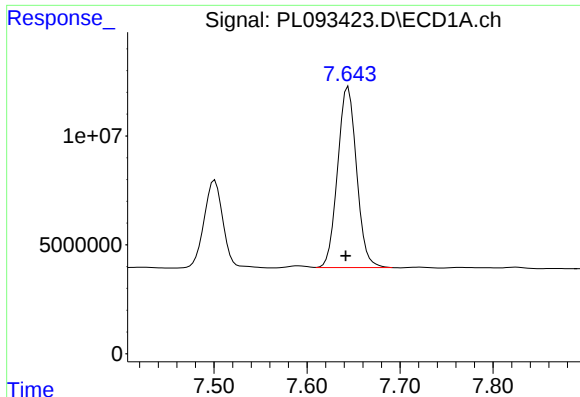
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.003 min
Response: 56413444
Conc: 53.99 ng/ml



#20 Methoxychlor

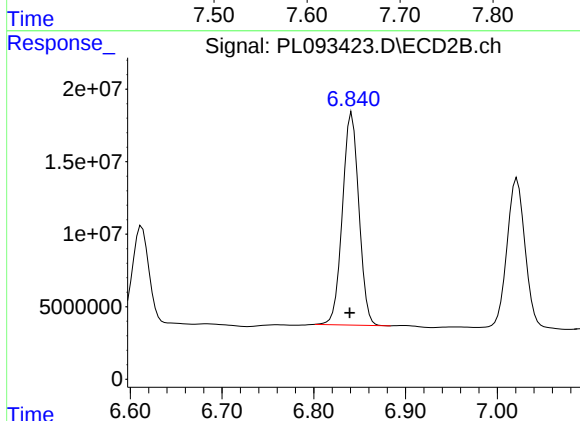
R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 83675858
Conc: 54.80 ng/ml



#21 Endrin ketone

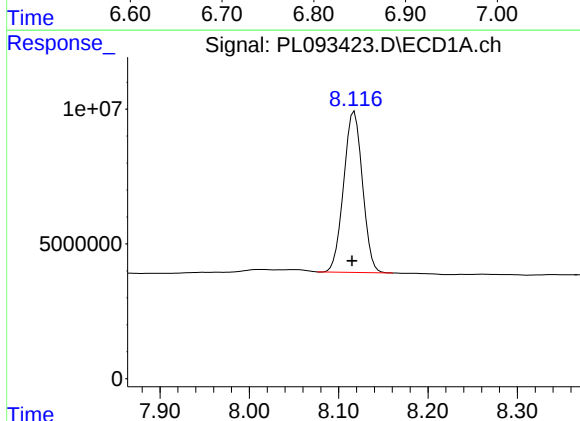
R.T.: 7.644 min
Delta R.T.: 0.003 min
Response: 117516199
Conc: 51.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-07-121224MSD



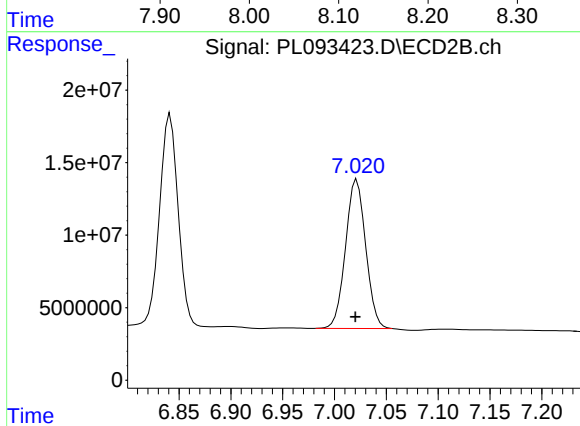
#21 Endrin ketone

R.T.: 6.842 min
Delta R.T.: 0.002 min
Response: 182313557
Conc: 54.31 ng/ml



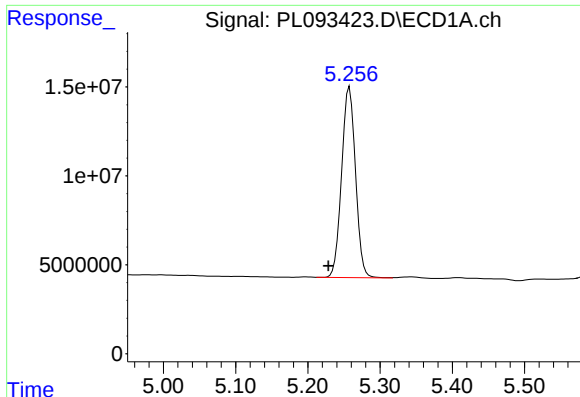
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.003 min
Response: 87244952
Conc: 48.30 ng/ml



#22 Mirex

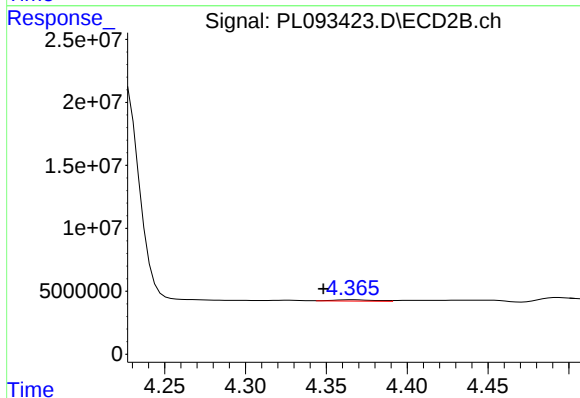
R.T.: 7.021 min
Delta R.T.: 0.001 min
Response: 139135866
Conc: 51.79 ng/ml



#24 Chlordane-2

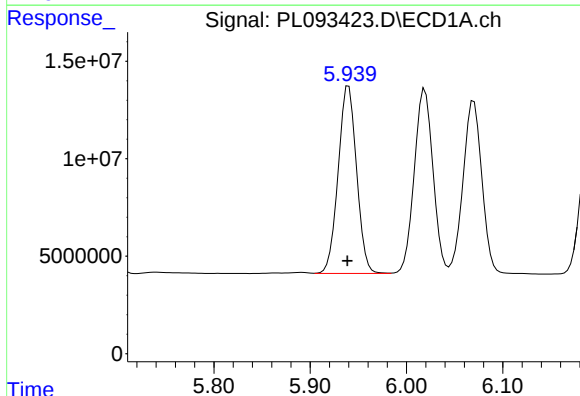
R.T.: 5.258 min
Delta R.T.: 0.030 min
Response: 142642233
Conc: 1244.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-07-121224MSD



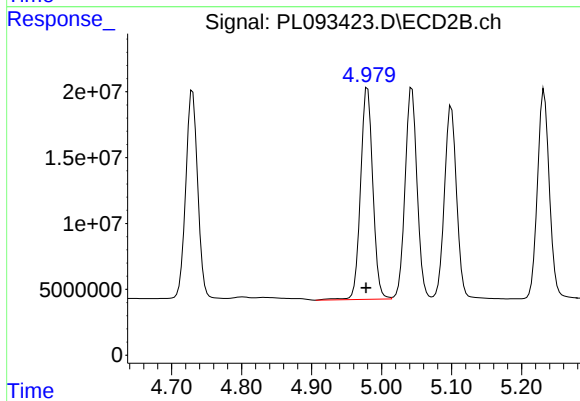
#24 Chlordane-2

R.T.: 4.366 min
Delta R.T.: 0.018 min
Response: 1925918
Conc: 14.37 ng/ml



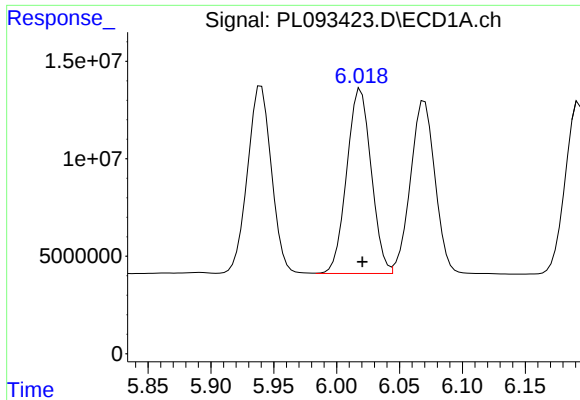
#25 Chlordane-3

R.T.: 5.940 min
Delta R.T.: 0.002 min
Response: 127466493
Conc: 334.36 ng/ml



#25 Chlordane-3

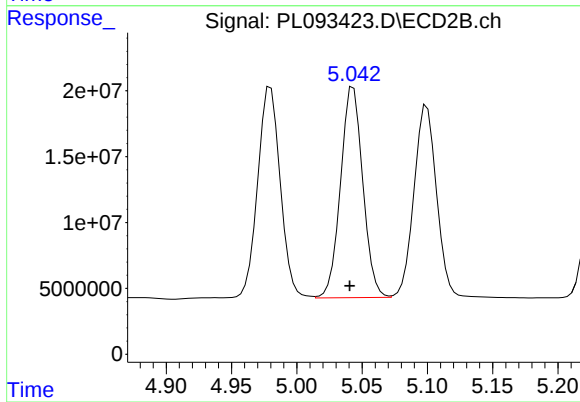
R.T.: 4.980 min
Delta R.T.: 0.002 min
Response: 195864841
Conc: 487.45 ng/ml



#26 Chlordane-4

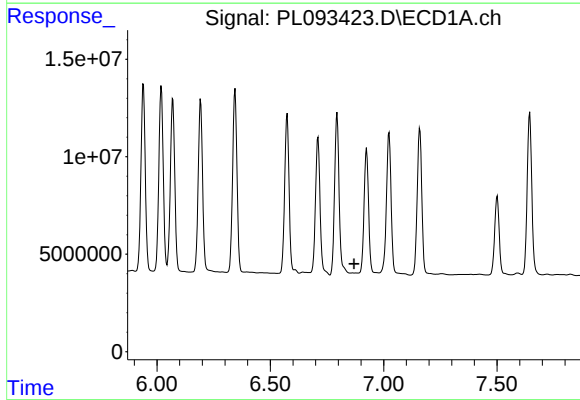
R.T.: 6.019 min
Delta R.T.: -0.001 min
Response: 128366567
Conc: 276.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-07-121224MSD



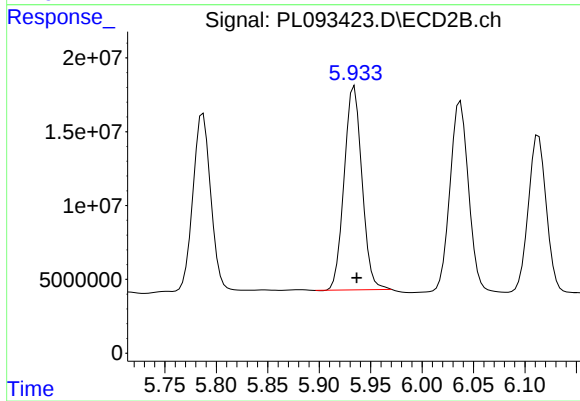
#26 Chlordane-4

R.T.: 5.043 min
Delta R.T.: 0.003 min
Response: 190019466
Conc: 487.17 ng/ml



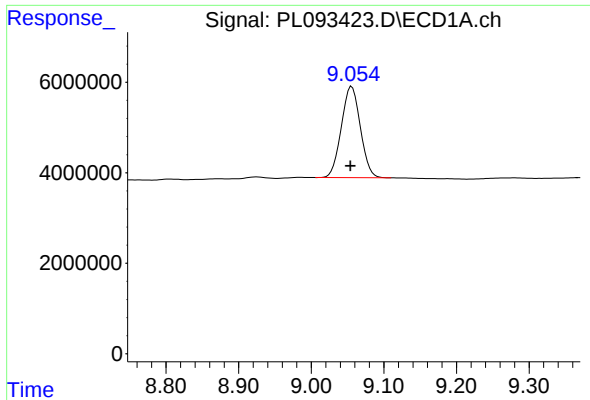
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.870 min
Response: 0
Conc: N.D.



#27 Chlordane-5

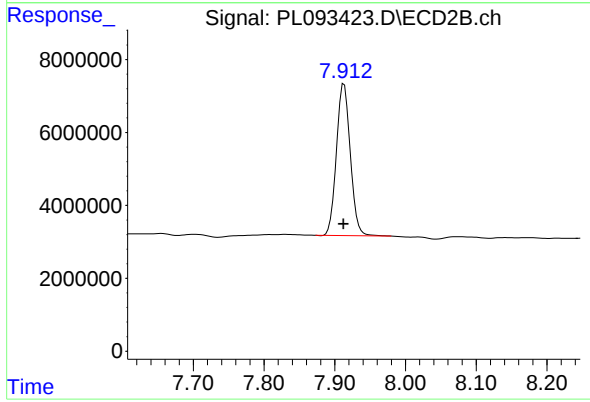
R.T.: 5.934 min
Delta R.T.: -0.002 min
Response: 166579226
Conc: 1215.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.002 min
Response: 36734068
Conc: 21.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-07-121224MSD



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 56641240
Conc: 19.83 ng/ml