

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091124\
 Data File : PL091640.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2024 06:16
 Operator : AR\AJ
 Sample : P3888-02MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ARS20-005

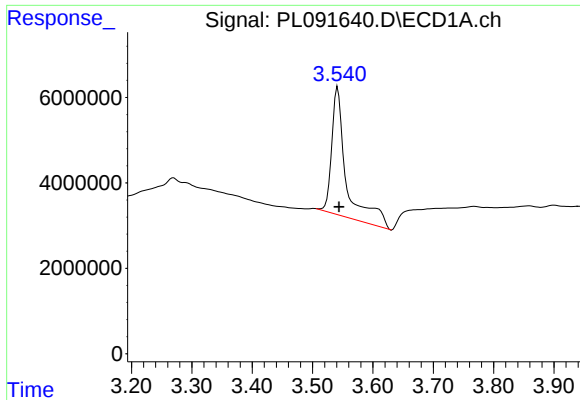
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 07:09:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 19:26:36 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.542	2.781	50838696	42806032	32.618	22.887 #
28)	SA Decachlor...	9.053	7.920	21937289	32847040	18.051	17.788
Target Compounds							
2)	A alpha-BHC	3.998	3.284	128.4E6	163.1E6	59.430	61.321
3)	MA gamma-BHC...	4.330	3.614	118.4E6	149.9E6	57.581	60.965
4)	MA Heptachlor	4.919	3.953	115.1E6	148.3E6	61.429	61.574
5)	MB Aldrin	5.260	4.234	107.9E6	141.8E6	57.936	62.148
6)	B beta-BHC	4.527	3.913	54324413	64608503	59.696	59.140
7)	B delta-BHC	4.774	4.142	110.0E6	142.9E6	57.269	62.132
8)	B Heptachlo...	5.686	4.736	96068266	124.1E6	57.570	58.901
9)	A Endosulfan I	6.071	5.106	91946123	114.0E6	59.011	59.105
10)	B gamma-Chl...	5.942	4.986	96145161	133.8E6	57.545	60.658
11)	B alpha-Chl...	6.021	5.050	97287221	126.1E6	60.358	60.969
12)	B 4,4'-DDE	6.194	5.239	86747074	120.9E6	59.471	63.760
13)	MA Dieldrin	6.346	5.370	96341181	123.9E6	59.042	60.262
14)	MA Endrin	6.575	5.645	77070352	115.6E6	57.961	61.245
15)	B Endosulfa...	6.794	5.940	87294884	106.7E6	56.319	60.302
16)	A 4,4'-DDD	6.710	5.793	75602863	100.7E6	59.645	60.080
17)	MA 4,4'-DDT	7.024	6.044	77389637	98850853	58.997	61.521
18)	B Endrin al...	6.924	6.119	68507956	81005851	57.660	59.256
19)	B Endosulfa...	7.159	6.342	80191828	101.1E6	57.428	58.908
20)	A Methoxychlor	7.499	6.619	39749363	52281984	58.760	59.025
21)	B Endrin ke...	7.643	6.847	90385805	116.8E6	58.452	58.049
22)	Mirex	8.117	7.028	68407339	95812391	57.128	54.033
23)	Chlordane-1	0.000	3.790	0	685629	N.D.	9.856 #
24)	Chlordane-2	5.260f	4.369	107.9E6	1170134	1403.591	15.612 #
25)	Chlordane-3	5.942	4.986	96145161	133.8E6	374.253	573.868 #
26)	Chlordane-4	6.021	5.050	97287221	126.1E6	328.499	604.913 #
27)	Chlordane-5	0.000	5.940	0	106.7E6	N.D.	1488.539 #

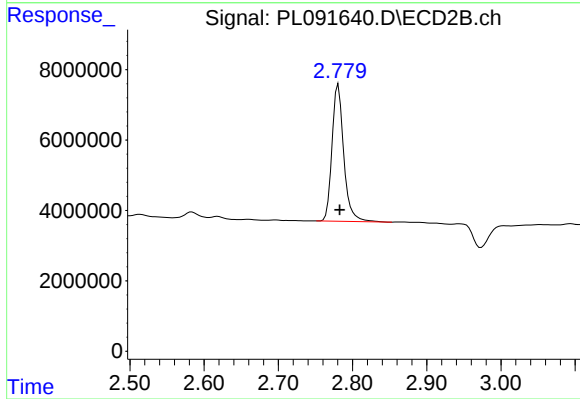
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

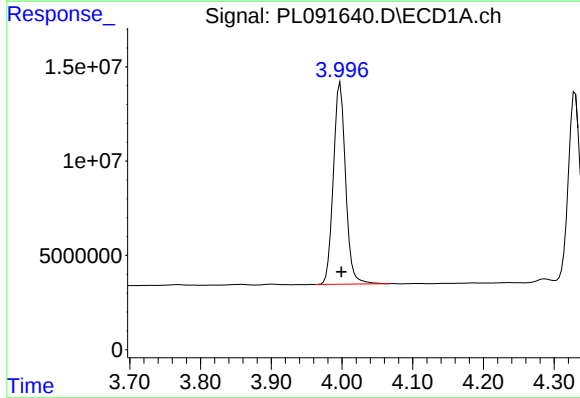
R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 50838696
Conc: 32.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
ARS20-005



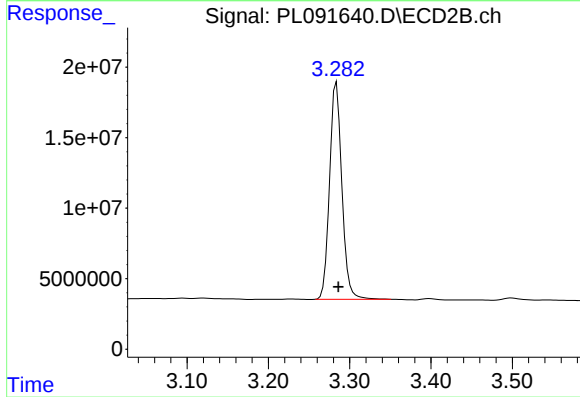
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.002 min
Response: 42806032
Conc: 22.89 ng/ml



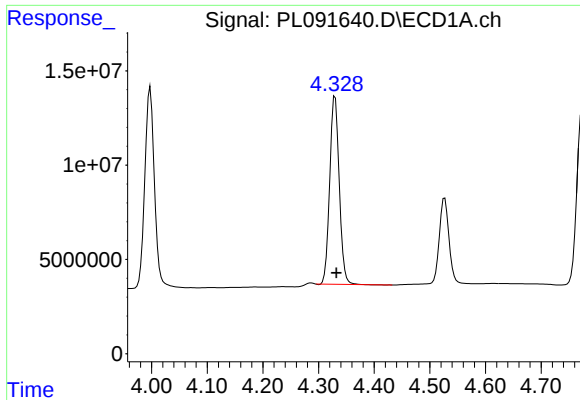
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.002 min
Response: 128363619
Conc: 59.43 ng/ml



#2 alpha-BHC

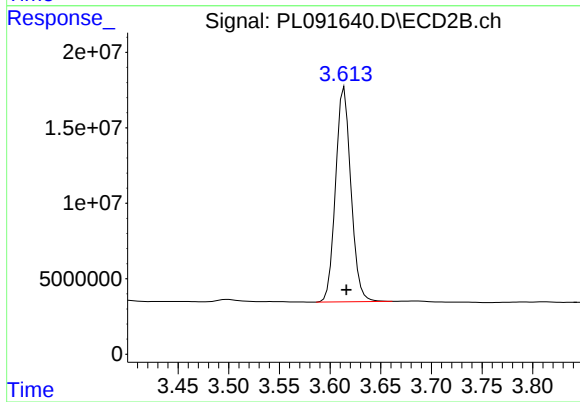
R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 163086680
Conc: 61.32 ng/ml



#3 gamma-BHC (Lindane)

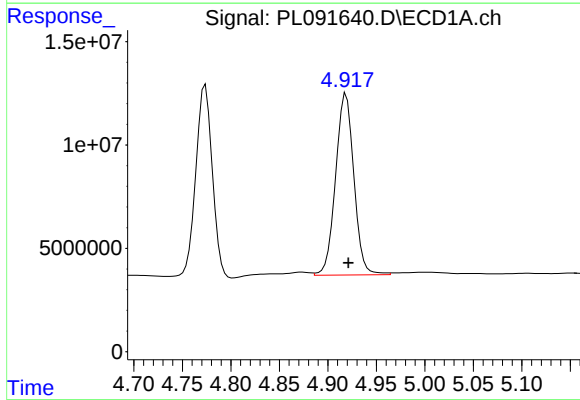
R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 118369133
Conc: 57.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
ARS20-005



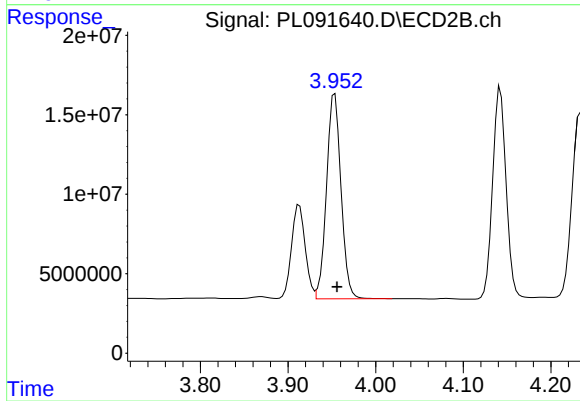
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.002 min
Response: 149941515
Conc: 60.97 ng/ml



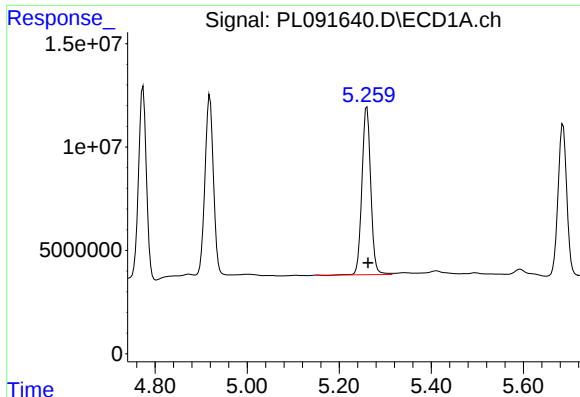
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 115057437
Conc: 61.43 ng/ml



#4 Heptachlor

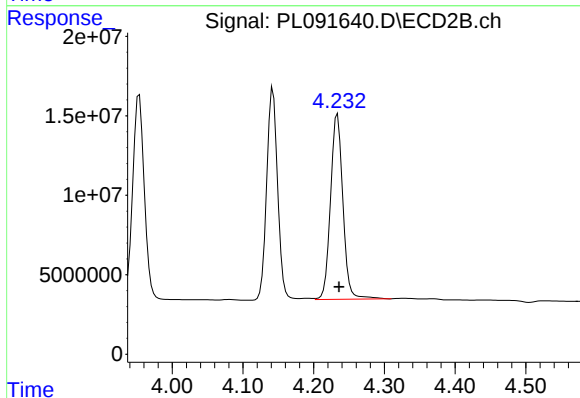
R.T.: 3.953 min
Delta R.T.: -0.002 min
Response: 148290935
Conc: 61.57 ng/ml



#5 Aldrin

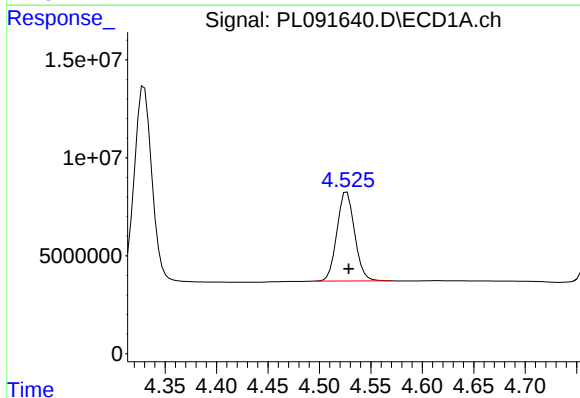
R.T.: 5.260 min
Delta R.T.: -0.002 min
Response: 107911125
Conc: 57.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
ARS20-005



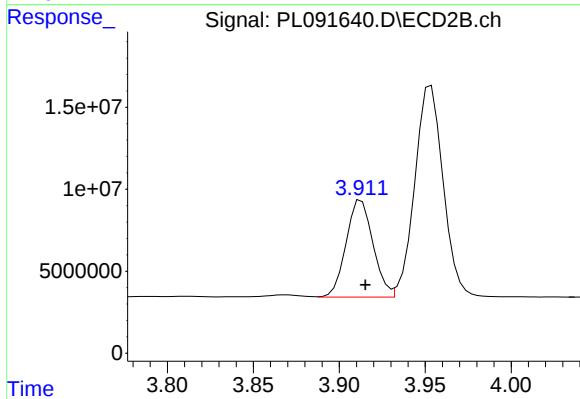
#5 Aldrin

R.T.: 4.234 min
Delta R.T.: -0.002 min
Response: 141791182
Conc: 62.15 ng/ml



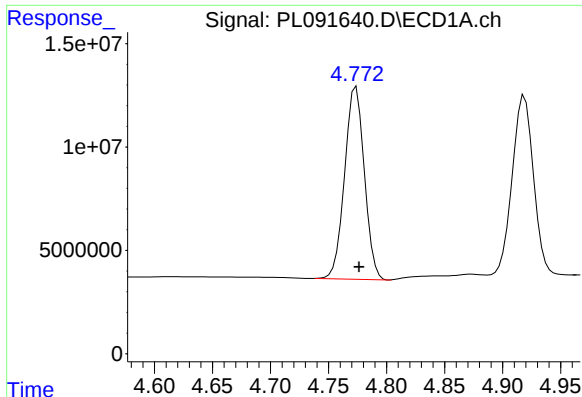
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.002 min
Response: 54324413
Conc: 59.70 ng/ml



#6 beta-BHC

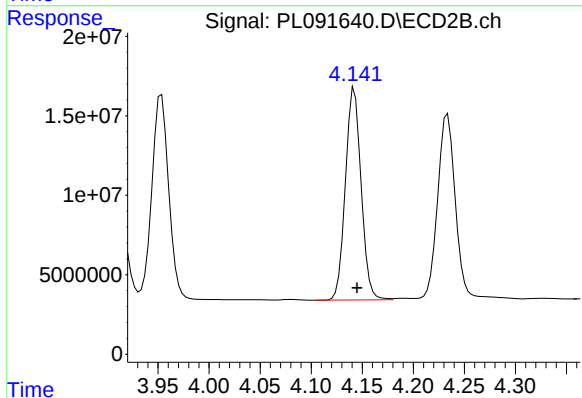
R.T.: 3.913 min
Delta R.T.: -0.002 min
Response: 64608503
Conc: 59.14 ng/ml



#7 delta-BHC

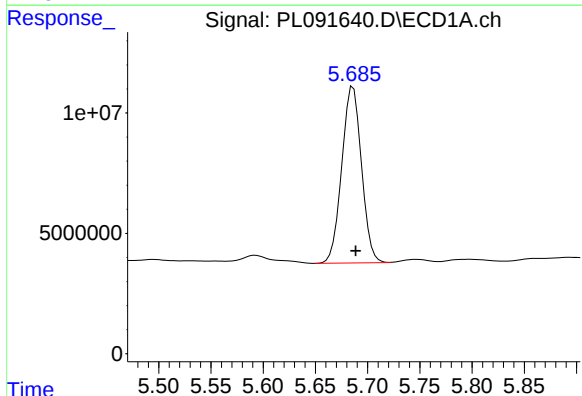
R.T.: 4.774 min
Delta R.T.: -0.003 min
Response: 110024358
Conc: 57.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
ARS20-005



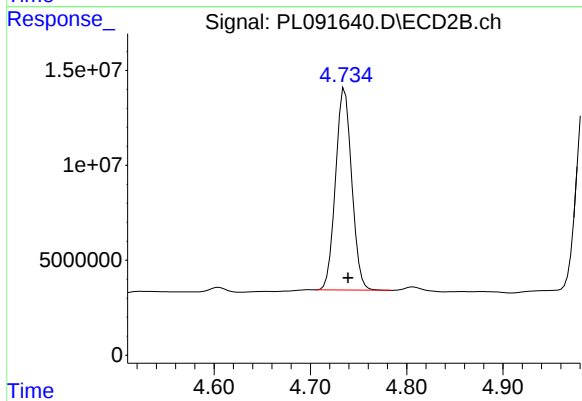
#7 delta-BHC

R.T.: 4.142 min
Delta R.T.: -0.003 min
Response: 142949727
Conc: 62.13 ng/ml



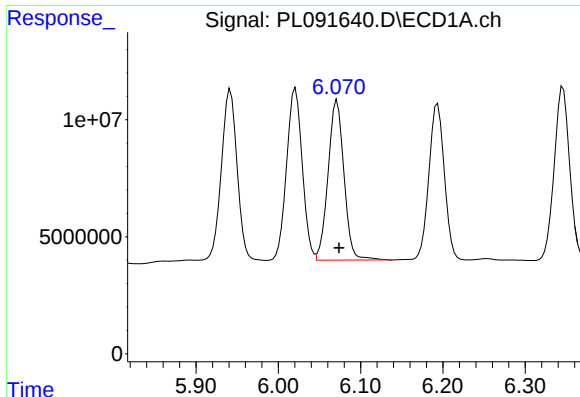
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 96068266
Conc: 57.57 ng/ml



#8 Heptachlor epoxide

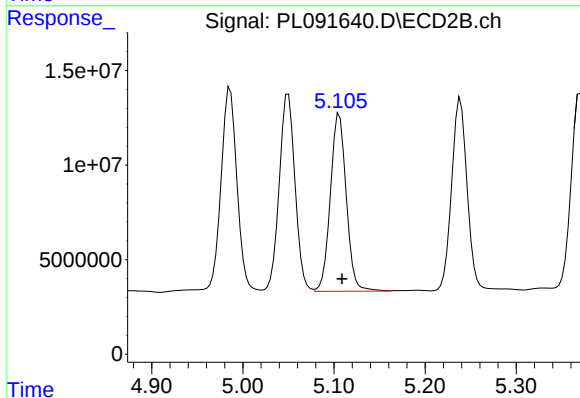
R.T.: 4.736 min
Delta R.T.: -0.003 min
Response: 124145987
Conc: 58.90 ng/ml



#9 Endosulfan I

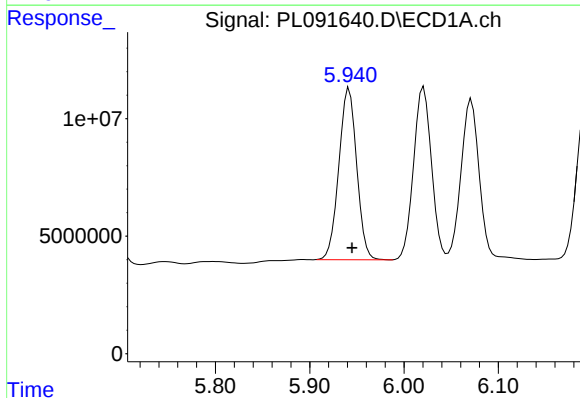
R.T.: 6.071 min
Delta R.T.: -0.003 min
Response: 91946123
Conc: 59.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
ARS20-005



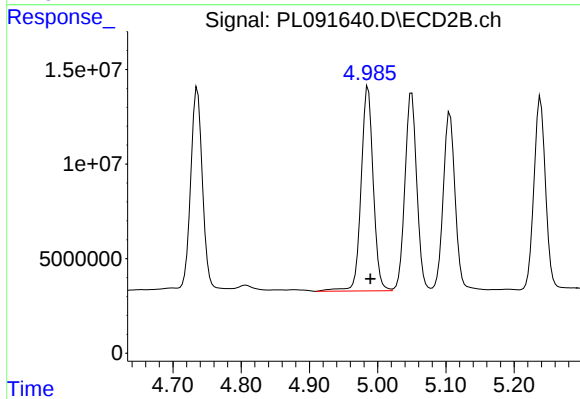
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: -0.003 min
Response: 114033791
Conc: 59.11 ng/ml



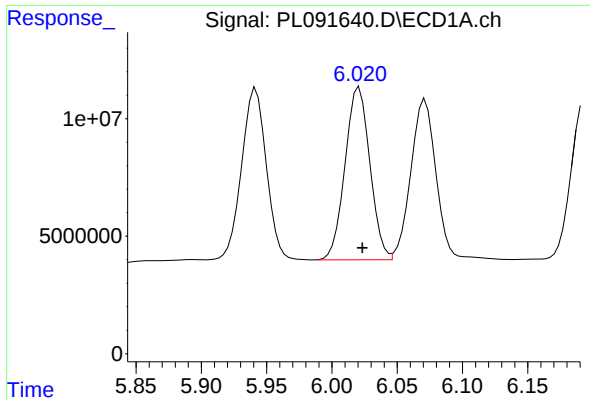
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 96145161
Conc: 57.55 ng/ml



#10 gamma-Chlordane

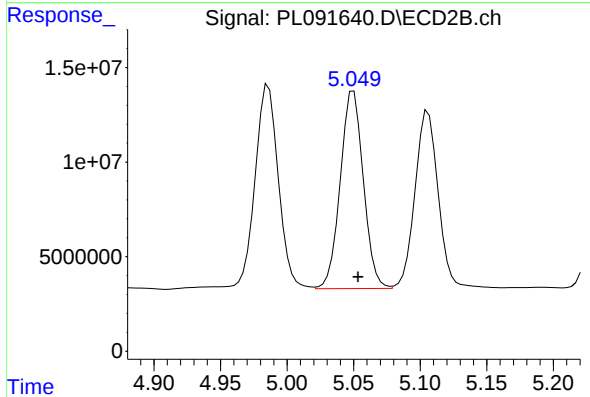
R.T.: 4.986 min
Delta R.T.: -0.003 min
Response: 133792288
Conc: 60.66 ng/ml



#11 alpha-Chlordane

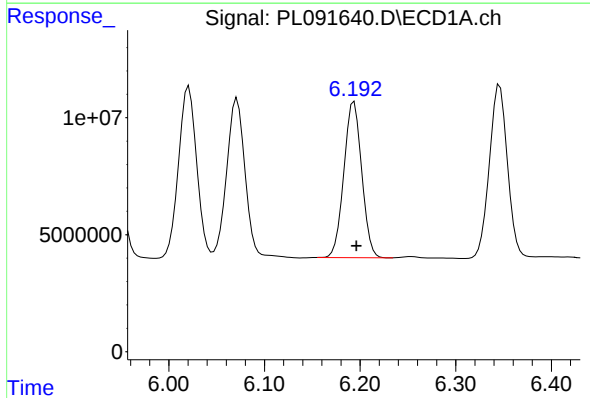
R.T.: 6.021 min
Delta R.T.: -0.003 min
Response: 97287221
Conc: 60.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
ARS20-005



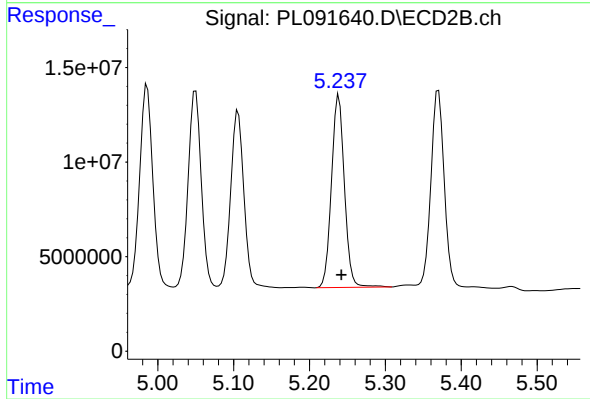
#11 alpha-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.003 min
Response: 126144247
Conc: 60.97 ng/ml



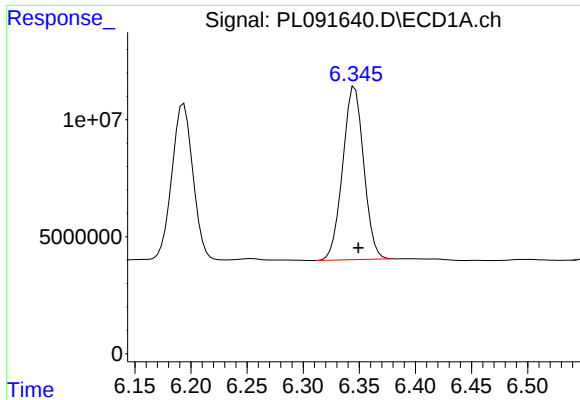
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.003 min
Response: 86747074
Conc: 59.47 ng/ml



#12 4,4'-DDE

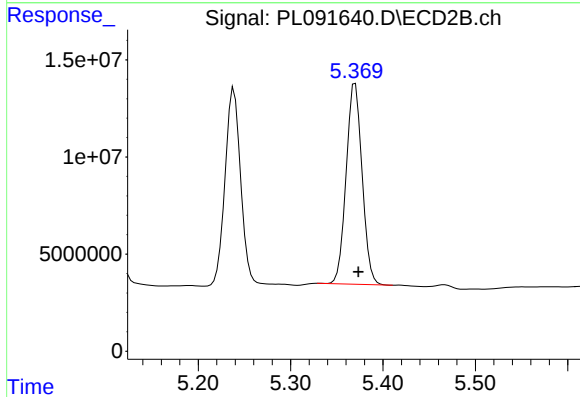
R.T.: 5.239 min
Delta R.T.: -0.003 min
Response: 120934264
Conc: 63.76 ng/ml



#13 Dieldrin

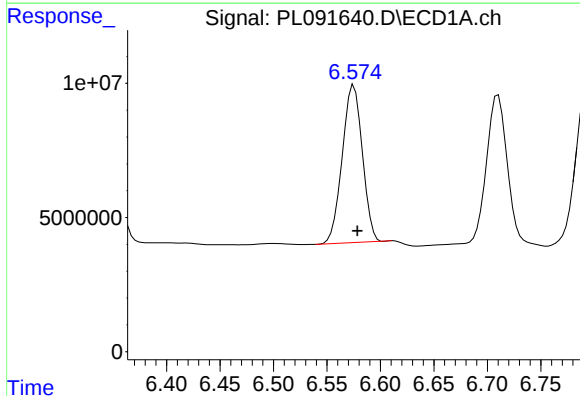
R.T.: 6.346 min
Delta R.T.: -0.003 min
Response: 96341181
Conc: 59.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
ARS20-005



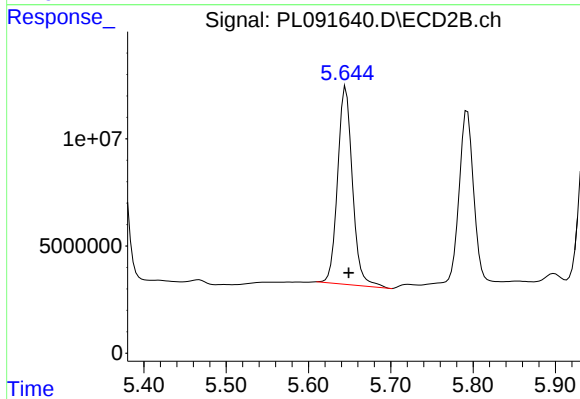
#13 Dieldrin

R.T.: 5.370 min
Delta R.T.: -0.004 min
Response: 123865477
Conc: 60.26 ng/ml



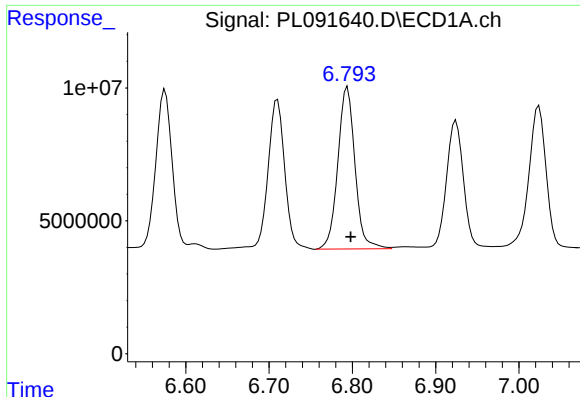
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.003 min
Response: 77070352
Conc: 57.96 ng/ml



#14 Endrin

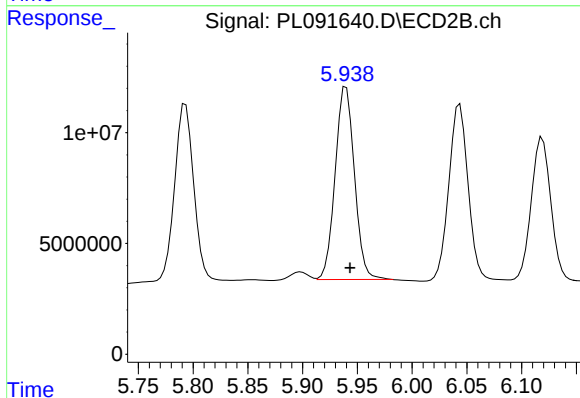
R.T.: 5.645 min
Delta R.T.: -0.003 min
Response: 115581233
Conc: 61.24 ng/ml



#15 Endosulfan II

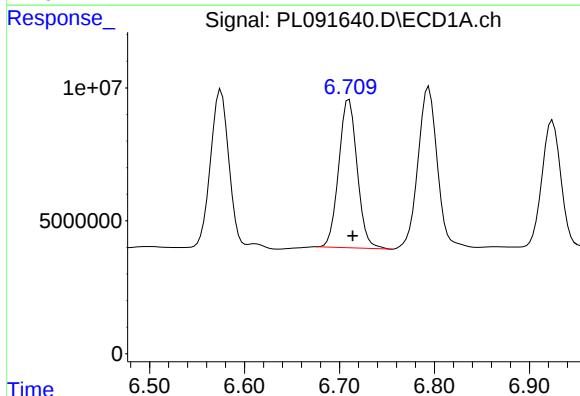
R.T.: 6.794 min
Delta R.T.: -0.004 min
Response: 87294884
Conc: 56.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
ARS20-005



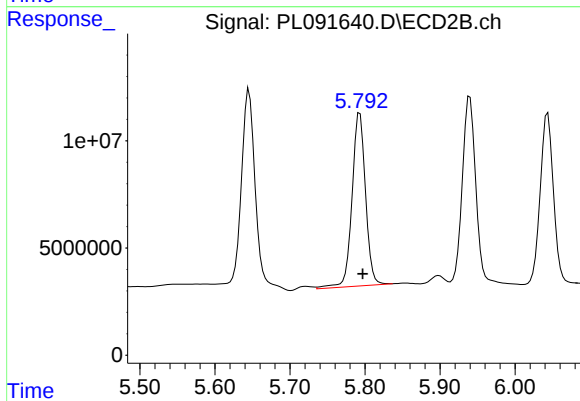
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: -0.004 min
Response: 106669592
Conc: 60.30 ng/ml



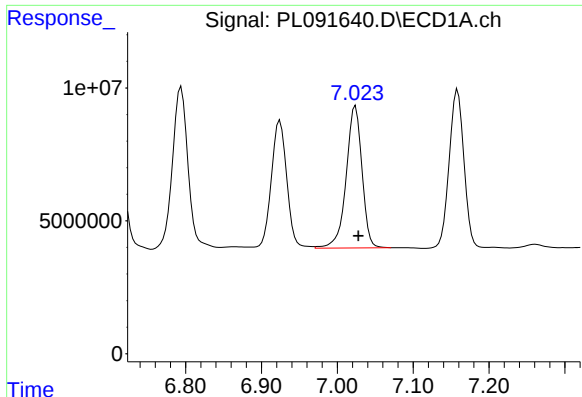
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: -0.004 min
Response: 75602863
Conc: 59.64 ng/ml



#16 4,4'-DDD

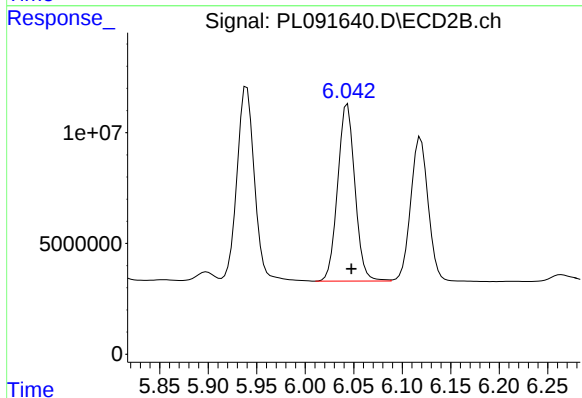
R.T.: 5.793 min
Delta R.T.: -0.004 min
Response: 100679591
Conc: 60.08 ng/ml



#17 4,4'-DDT

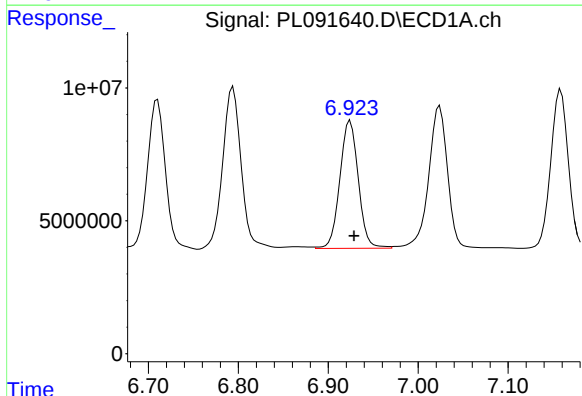
R.T.: 7.024 min
Delta R.T.: -0.004 min
Response: 77389637
Conc: 59.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
ARS20-005



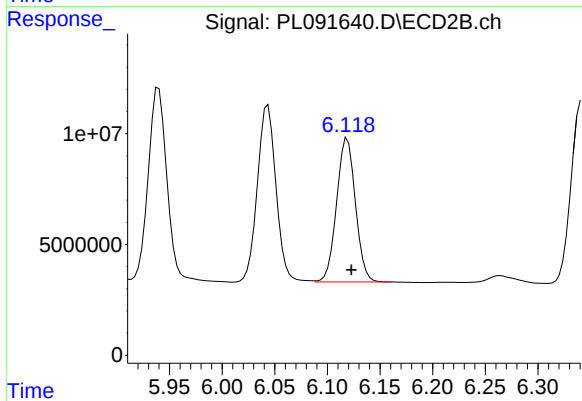
#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: -0.004 min
Response: 98850853
Conc: 61.52 ng/ml



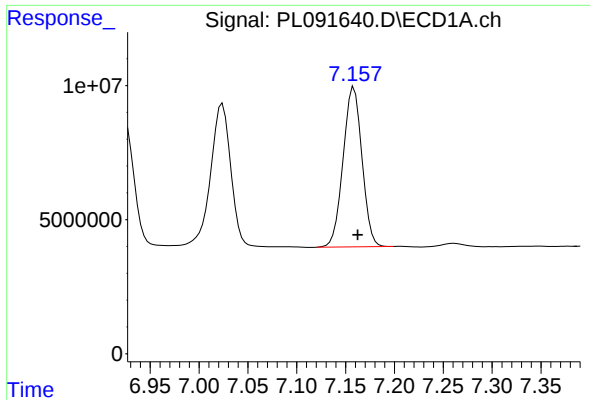
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: -0.004 min
Response: 68507956
Conc: 57.66 ng/ml



#18 Endrin aldehyde

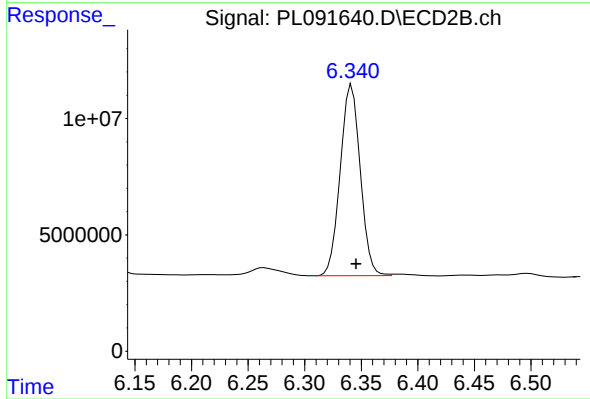
R.T.: 6.119 min
Delta R.T.: -0.004 min
Response: 81005851
Conc: 59.26 ng/ml



#19 Endosulfan Sulfate

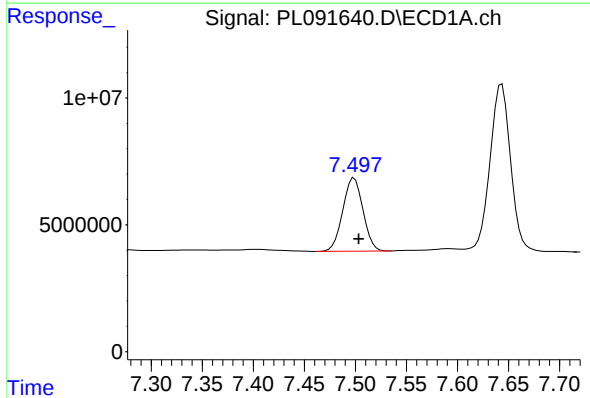
R.T.: 7.159 min
Delta R.T.: -0.004 min
Response: 80191828
Conc: 57.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
ARS20-005



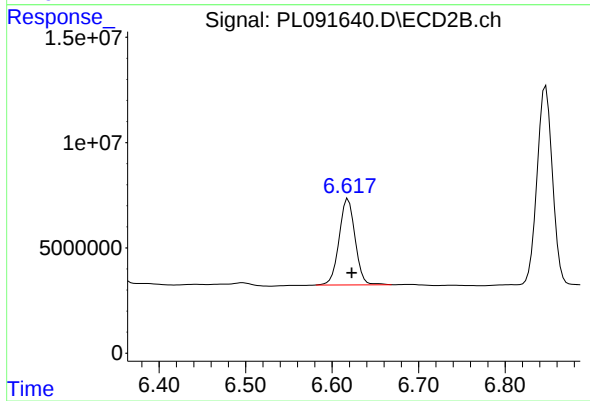
#19 Endosulfan Sulfate

R.T.: 6.342 min
Delta R.T.: -0.004 min
Response: 101092179
Conc: 58.91 ng/ml



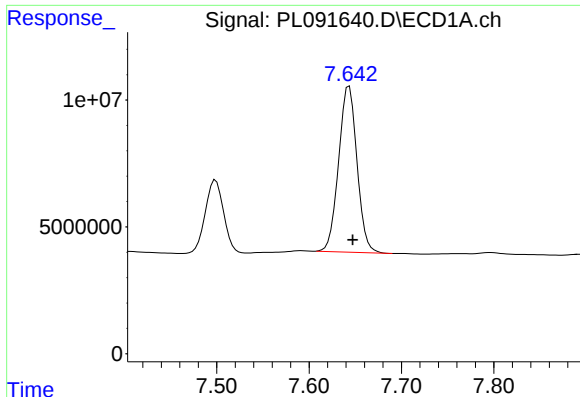
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.004 min
Response: 39749363
Conc: 58.76 ng/ml



#20 Methoxychlor

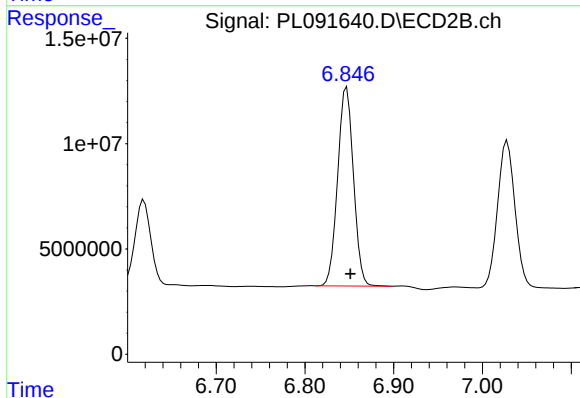
R.T.: 6.619 min
Delta R.T.: -0.004 min
Response: 52281984
Conc: 59.02 ng/ml



#21 Endrin ketone

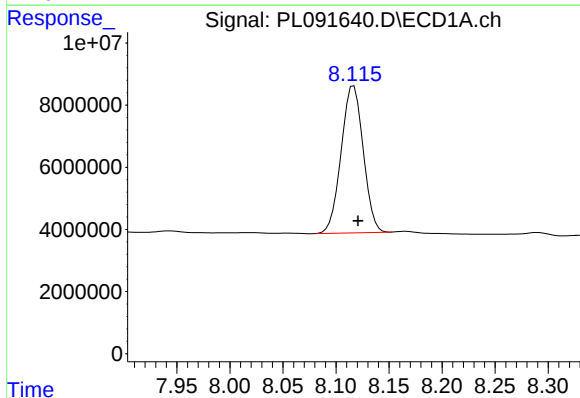
R.T.: 7.643 min
Delta R.T.: -0.004 min
Response: 90385805
Conc: 58.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
ARS20-005



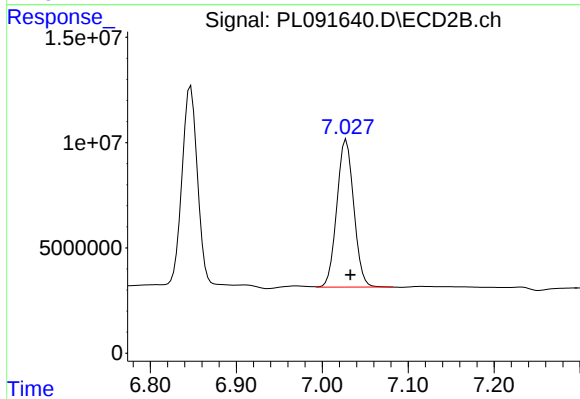
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: -0.004 min
Response: 116759861
Conc: 58.05 ng/ml



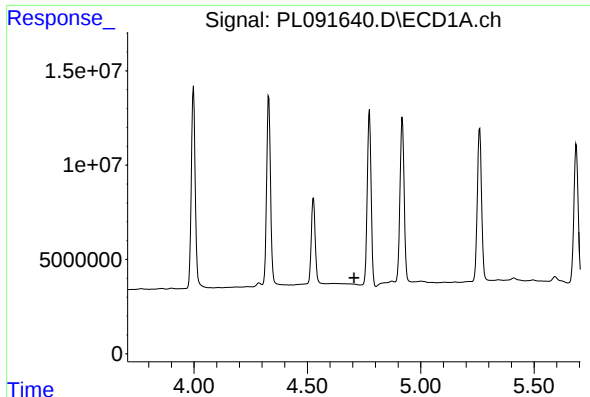
#22 Mirex

R.T.: 8.117 min
Delta R.T.: -0.004 min
Response: 68407339
Conc: 57.13 ng/ml



#22 Mirex

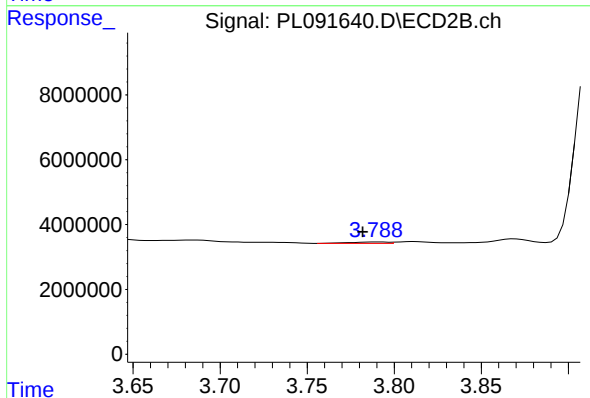
R.T.: 7.028 min
Delta R.T.: -0.005 min
Response: 95812391
Conc: 54.03 ng/ml



#23 Chlordane-1

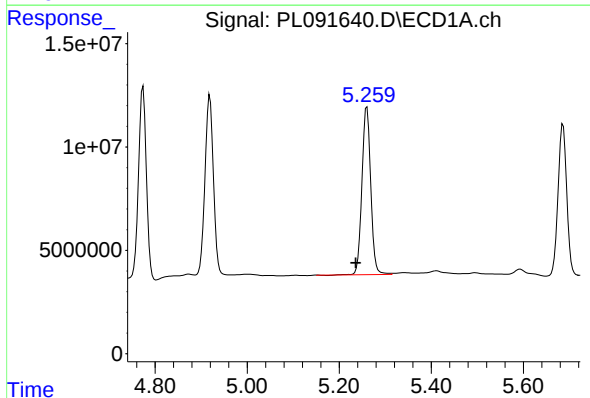
R.T.: 0.000 min
Exp R.T.: 4.706 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
ARS20-005



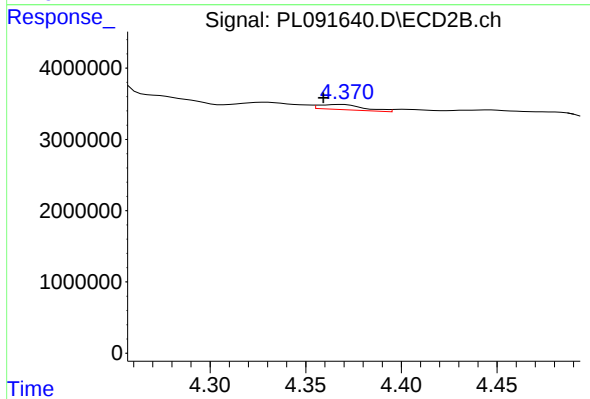
#23 Chlordane-1

R.T.: 3.790 min
Delta R.T.: 0.008 min
Response: 685629
Conc: 9.86 ng/ml



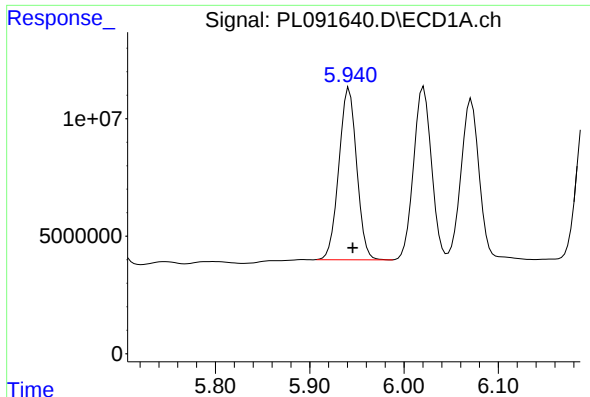
#24 Chlordane-2

R.T.: 5.260 min
Delta R.T.: 0.025 min
Response: 107911125
Conc: 1403.59 ng/ml



#24 Chlordane-2

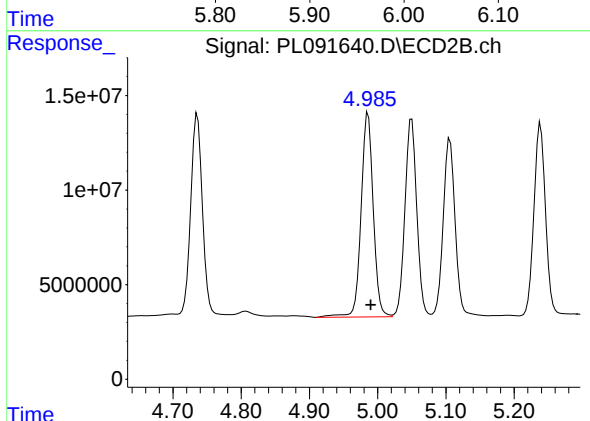
R.T.: 4.369 min
Delta R.T.: 0.010 min
Response: 1170134
Conc: 15.61 ng/ml



#25 Chlordane-3

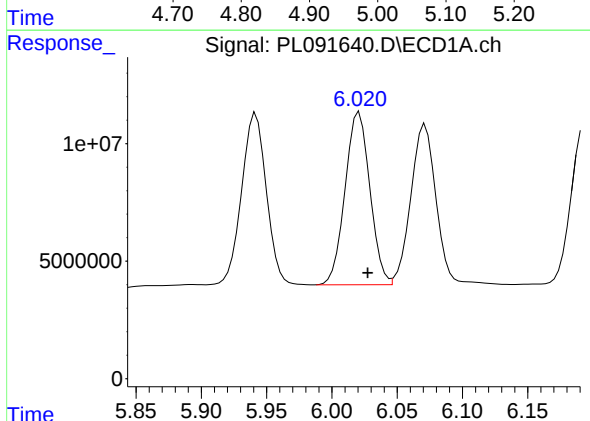
R.T.: 5.942 min
Delta R.T.: -0.004 min
Response: 96145161
Conc: 374.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
ARS20-005



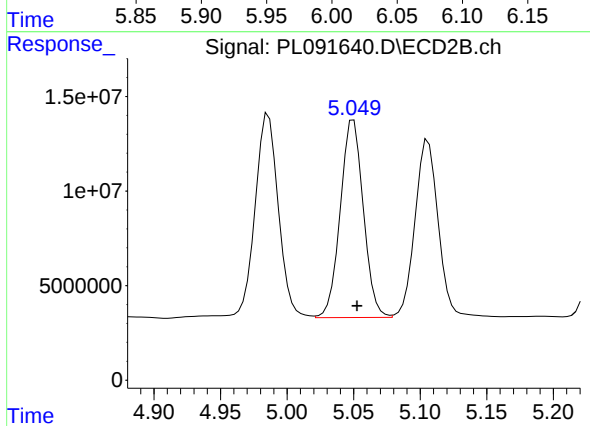
#25 Chlordane-3

R.T.: 4.986 min
Delta R.T.: -0.004 min
Response: 133792288
Conc: 573.87 ng/ml



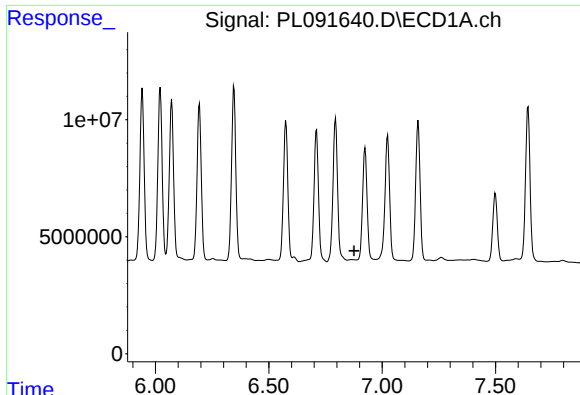
#26 Chlordane-4

R.T.: 6.021 min
Delta R.T.: -0.006 min
Response: 97287221
Conc: 328.50 ng/ml



#26 Chlordane-4

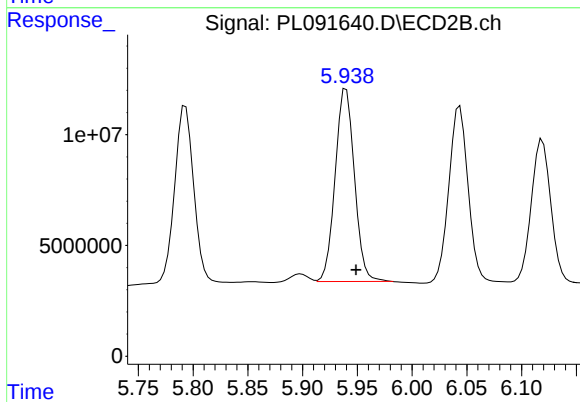
R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 126144247
Conc: 604.91 ng/ml



#27 Chlordane-5

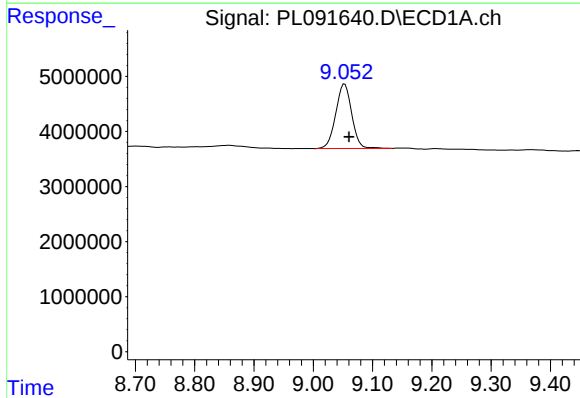
R.T.: 0.000 min
Exp R.T.: 6.876 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
ARS20-005



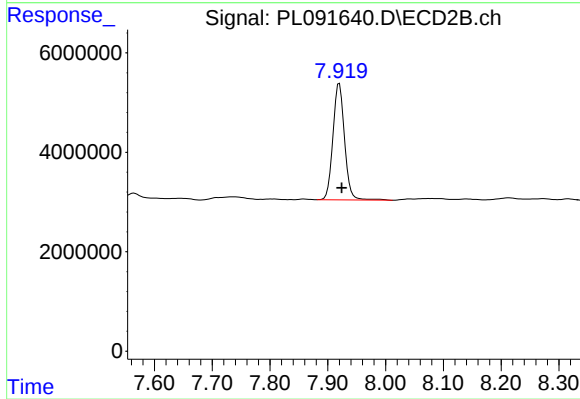
#27 Chlordane-5

R.T.: 5.940 min
Delta R.T.: -0.009 min
Response: 106669592
Conc: 1488.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.007 min
Response: 21937289
Conc: 18.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: -0.004 min
Response: 32847040
Conc: 17.79 ng/ml