

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121819\
 Data File : PL055073.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2019 15:24
 Operator : SG\AJ
 Sample : K6335-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

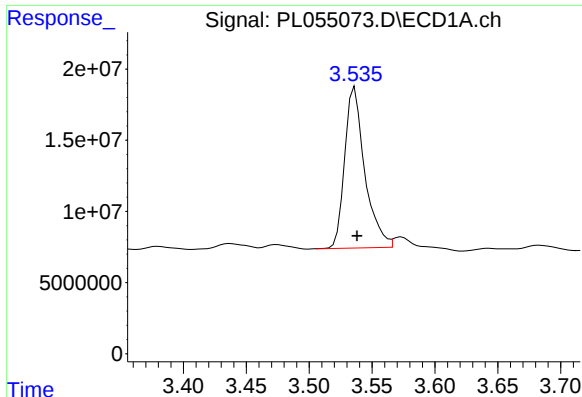
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 18 15:35:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112619.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 18 14:58:42 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.536	4.049	125.4E6	33948497	10.779	13.304
28)	SA Decachlor...	8.316	9.149	153.9E6	39091465	16.071	16.306
Target Compounds							
2)	A alpha-BHC	3.979	4.442	5731652	5052588	0.302	1.426 #
3)	MA gamma-BHC...	4.291f	4.727	-2507460	2041115	N.D.	0.626
4)	MA Heptachlor	4.575	5.236	389.7E6	17235448	22.102	5.711 #
5)	MB Aldrin	4.824	5.564f	13381203	73751527	0.821	26.468 #
6)	B beta-BHC	4.490f	4.874f	32212022	10504590	4.343	7.459 #
7)	B delta-BHC	4.737	5.142f	105.6E6	93972503	6.497	35.246 #
8)	B Heptachlo...	5.255f	5.918	21357286	68121238	1.412	27.268 #
9)	A Endosulfan I	5.625	0.000	10598780	0	0.777	N.D. #
10)	B gamma-Chl...	5.517f	6.162	1014.3E6	184.9E6	66.889	70.194
11)	B alpha-Chl...	5.556	6.237	621.0E6	153.7E6	42.116	58.522 #
12)	B 4,4'-DDE	5.716	6.392	31088394	43974705	2.337	17.765 #
13)	MA Dieldrin	5.844	6.534	276.5E6	5173194	19.498	2.032 #
14)	MA Endrin	6.105	6.754	-152178944	54548446	N.D.	24.622
15)	B Endosulfa...	6.395	0.000	90067679	0	7.444	N.D. #
16)	A 4,4'-DDD	6.235	6.890	-141564	37712123	N.D.	19.641
17)	MA 4,4'-DDT	6.474	7.183	280.2E6	13982129	26.744	7.057 #
18)	B Endrin al...	6.567	7.098	22769384	6523062	2.299	3.328 #
19)	B Endosulfa...	6.762	7.318	22607426	2391143	2.111	1.128 #
20)	A Methoxychlor	7.008f	0.000	88737906	0	17.706	N.D. #
21)	B Endrin ke...	7.285f	0.000	14597416	0	1.343	N.D. #
23)	Chlordane-1	4.417	5.046	111.8E6	34863410	260.629	339.588 #
24)	Chlordane-2	4.923	5.515	52753543	37481467	112.406	352.748 #
25)	Chlordane-3	5.517f	6.162	1014.3E6	184.9E6	752.611	504.356 #
26)	Chlordane-4	5.556	6.237	621.0E6	153.7E6	560.139	353.335 #
27)	Chlordane-5	6.395	7.044	90067679	28708922	243.536	379.880 #

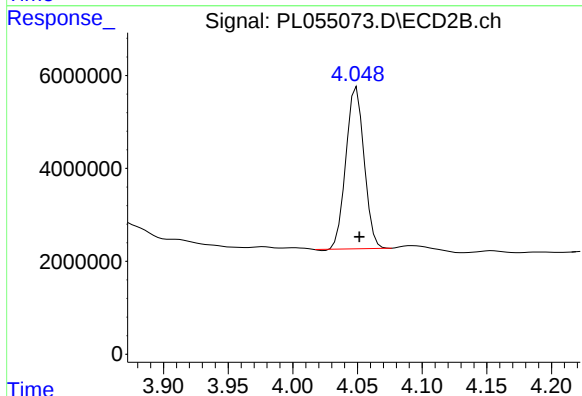
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

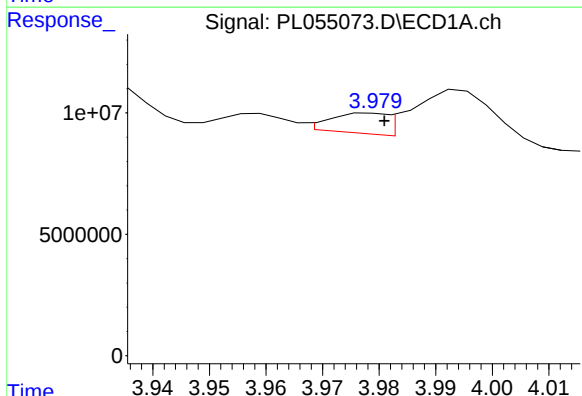
R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 125399299
Conc: 10.78 ng/ml

Instrument :
ECD_L
ClientSampleId :



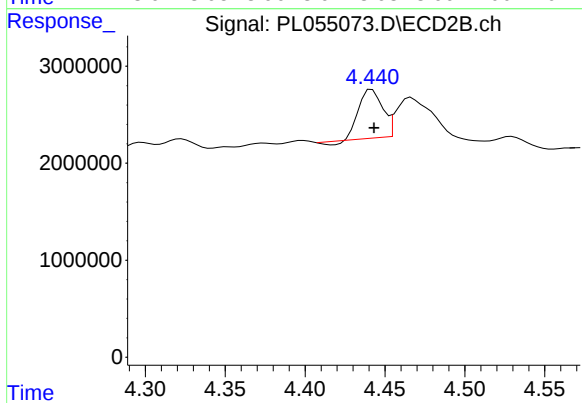
#1 Tetrachloro-m-xylene

R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 33948497
Conc: 13.30 ng/ml



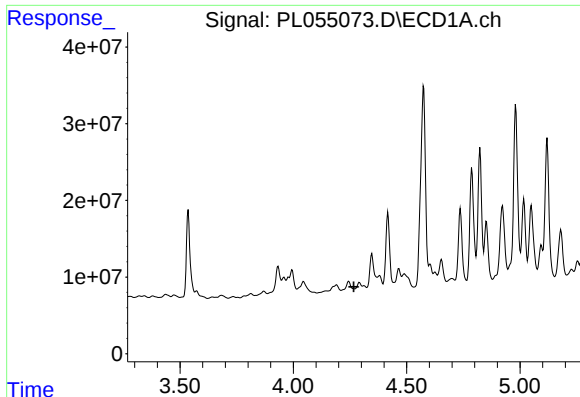
#2 alpha-BHC

R.T.: 3.979 min
Delta R.T.: -0.002 min
Response: 5731652
Conc: 0.30 ng/ml



#2 alpha-BHC

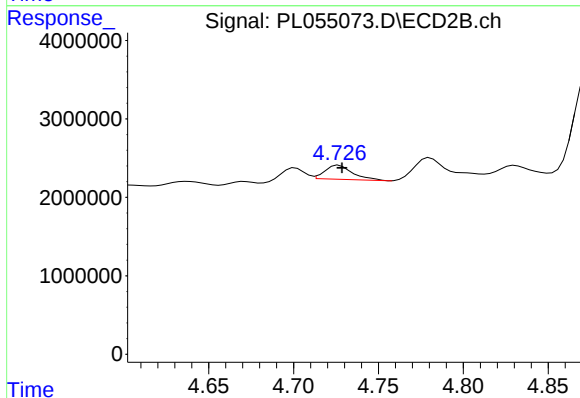
R.T.: 4.442 min
Delta R.T.: -0.001 min
Response: 5052588
Conc: 1.43 ng/ml



#3 gamma-BHC (Lindane)

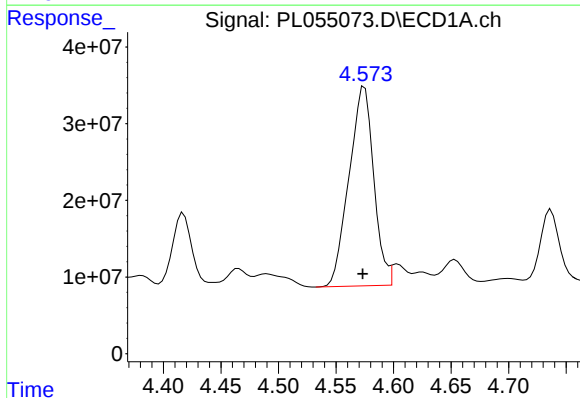
R.T.: 4.291 min
Delta R.T.: 0.024 min
Response: -2507460
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



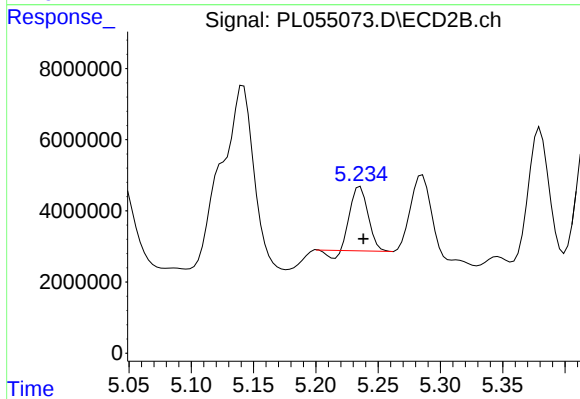
#3 gamma-BHC (Lindane)

R.T.: 4.727 min
Delta R.T.: -0.002 min
Response: 2041115
Conc: 0.63 ng/ml



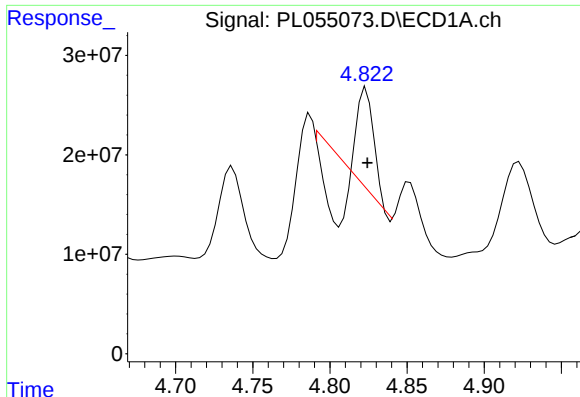
#4 Heptachlor

R.T.: 4.575 min
Delta R.T.: 0.002 min
Response: 389743738
Conc: 22.10 ng/ml



#4 Heptachlor

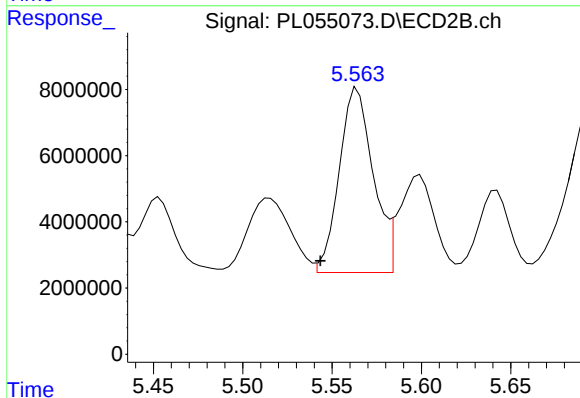
R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 17235448
Conc: 5.71 ng/ml



#5 Aldrin

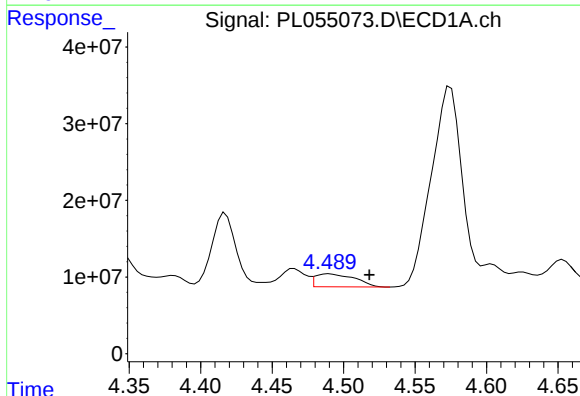
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 13381203
Conc: 0.82 ng/ml

Instrument :
ECD_L
ClientSampleId :



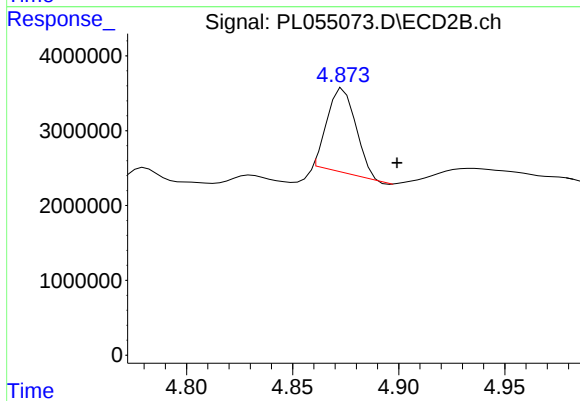
#5 Aldrin

R.T.: 5.564 min
Delta R.T.: 0.021 min
Response: 73751527
Conc: 26.47 ng/ml



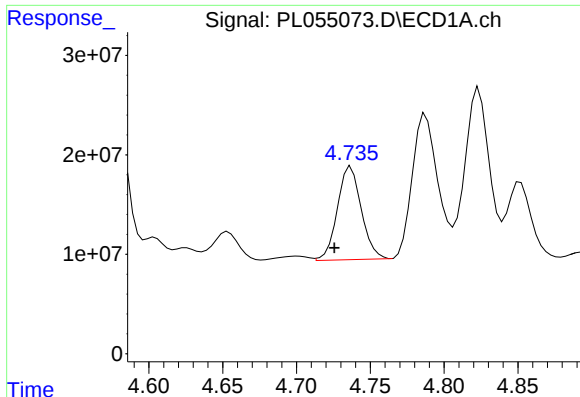
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: -0.028 min
Response: 32212022
Conc: 4.34 ng/ml



#6 beta-BHC

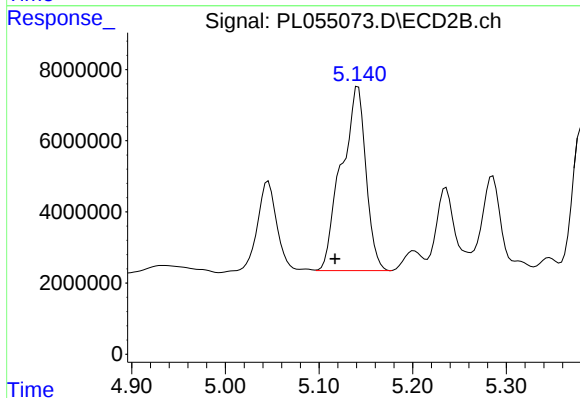
R.T.: 4.874 min
Delta R.T.: -0.025 min
Response: 10504590
Conc: 7.46 ng/ml



#7 delta-BHC

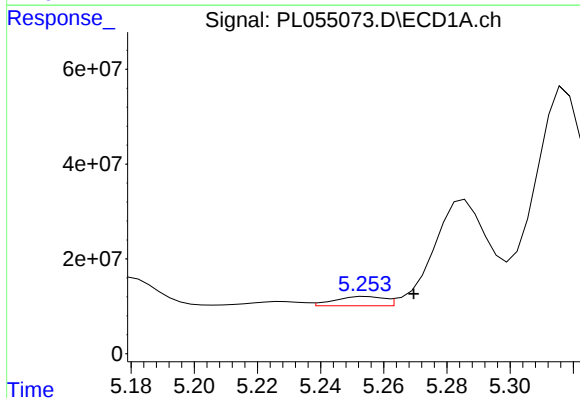
R.T.: 4.737 min
Delta R.T.: 0.011 min
Response: 105602568
Conc: 6.50 ng/ml

Instrument :
ECD_L
ClientSampleId :



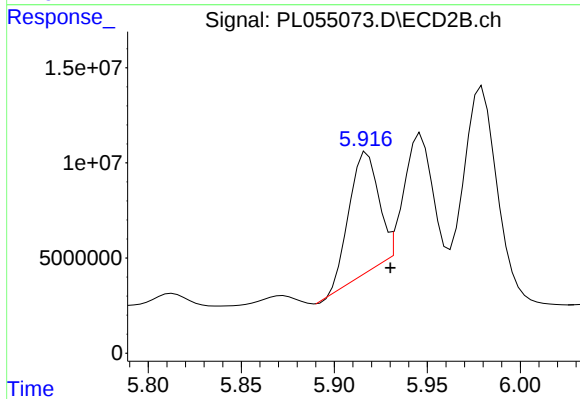
#7 delta-BHC

R.T.: 5.142 min
Delta R.T.: 0.025 min
Response: 93972503
Conc: 35.25 ng/ml



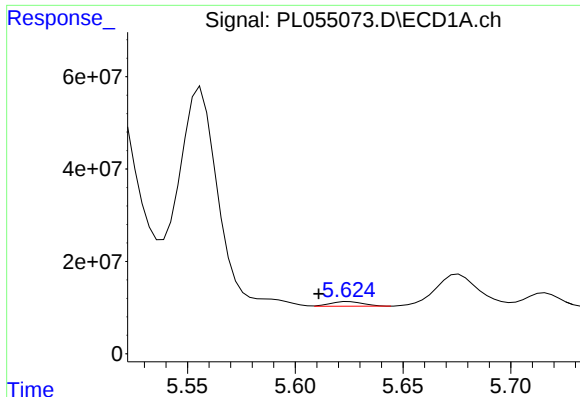
#8 Heptachlor epoxide

R.T.: 5.255 min
Delta R.T.: -0.015 min
Response: 21357286
Conc: 1.41 ng/ml



#8 Heptachlor epoxide

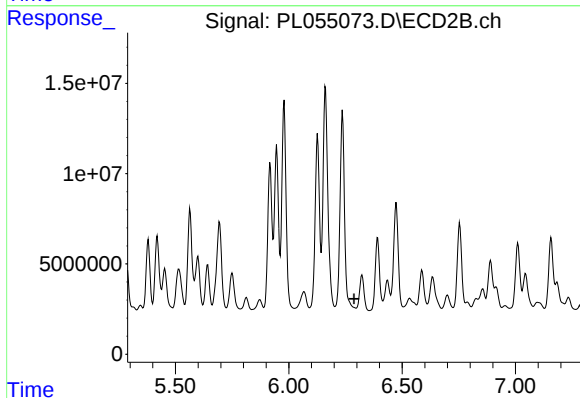
R.T.: 5.918 min
Delta R.T.: -0.013 min
Response: 68121238
Conc: 27.27 ng/ml



#9 Endosulfan I

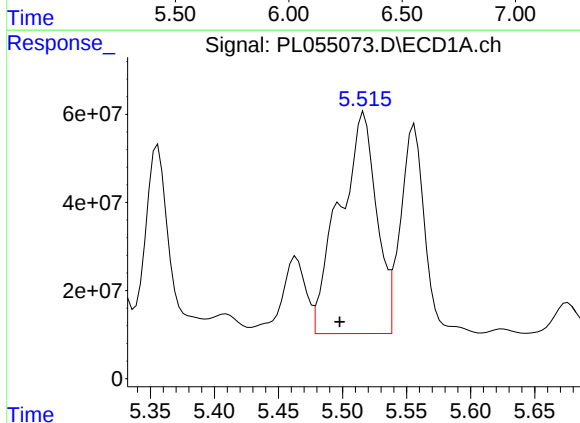
R.T.: 5.625 min
Delta R.T.: 0.014 min
Response: 10598780
Conc: 0.78 ng/ml

Instrument :
ECD_L
ClientSampleId :



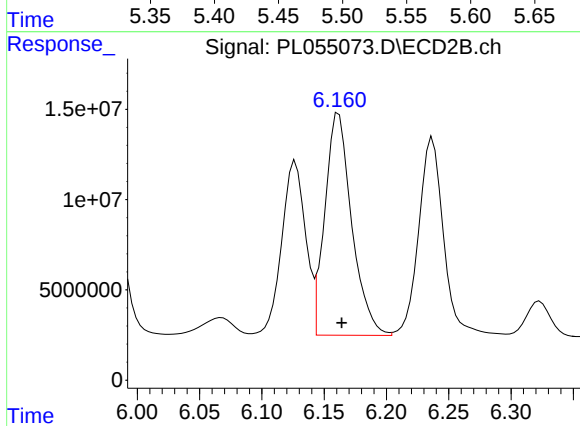
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.288 min
Response: 0
Conc: N.D.



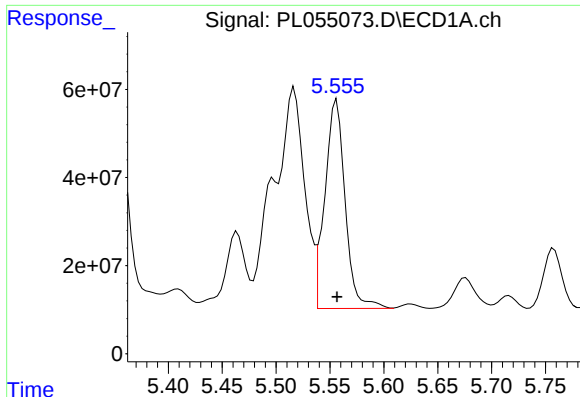
#10 gamma-Chlordane

R.T.: 5.517 min
Delta R.T.: 0.019 min
Response: 1014324039
Conc: 66.89 ng/ml



#10 gamma-Chlordane

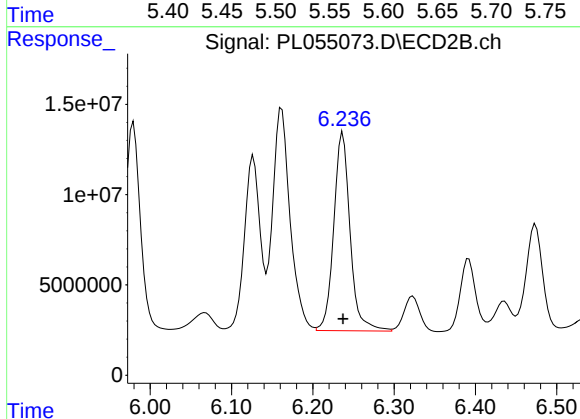
R.T.: 6.162 min
Delta R.T.: -0.003 min
Response: 184917093
Conc: 70.19 ng/ml



#11 alpha-Chlordane

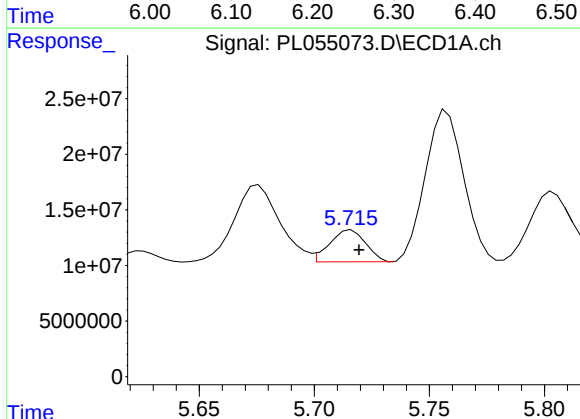
R.T.: 5.556 min
Delta R.T.: 0.000 min
Response: 621032404
Conc: 42.12 ng/ml

Instrument :
ECD_L
ClientSampleId :



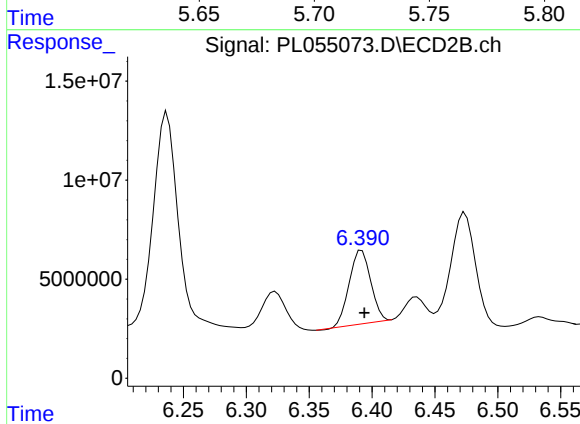
#11 alpha-Chlordane

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 153659046
Conc: 58.52 ng/ml



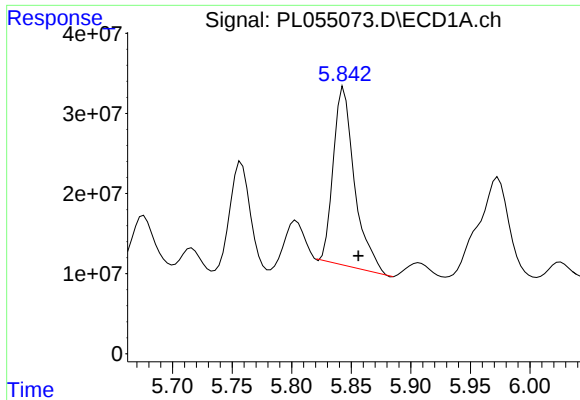
#12 4,4'-DDE

R.T.: 5.716 min
Delta R.T.: -0.003 min
Response: 31088394
Conc: 2.34 ng/ml



#12 4,4'-DDE

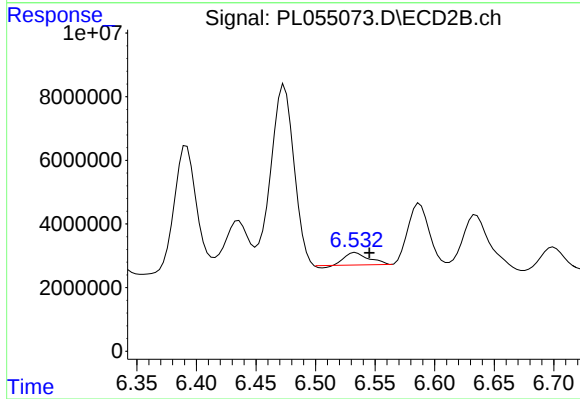
R.T.: 6.392 min
Delta R.T.: -0.002 min
Response: 43974705
Conc: 17.76 ng/ml



#13 Dieldrin

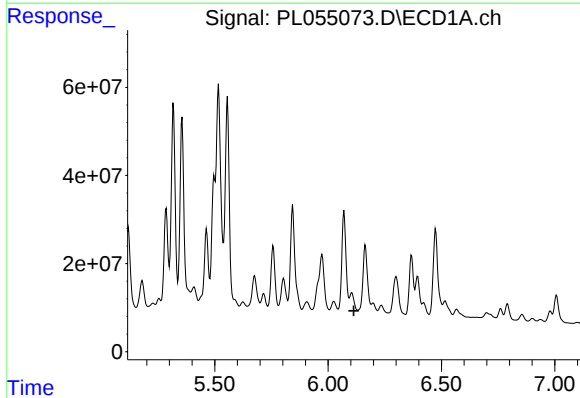
R.T.: 5.844 min
Delta R.T.: -0.012 min
Response: 276488822
Conc: 19.50 ng/ml

Instrument :
ECD_L
ClientSampleId :



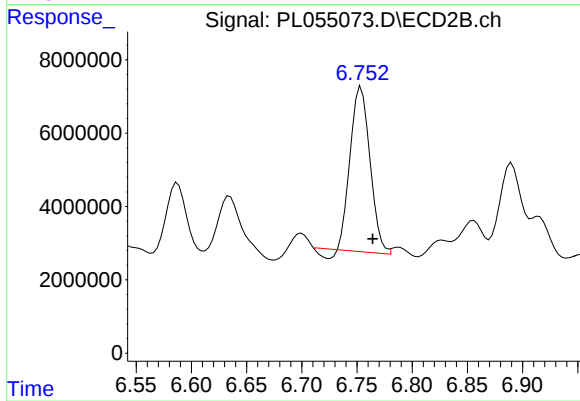
#13 Dieldrin

R.T.: 6.534 min
Delta R.T.: -0.012 min
Response: 5173194
Conc: 2.03 ng/ml



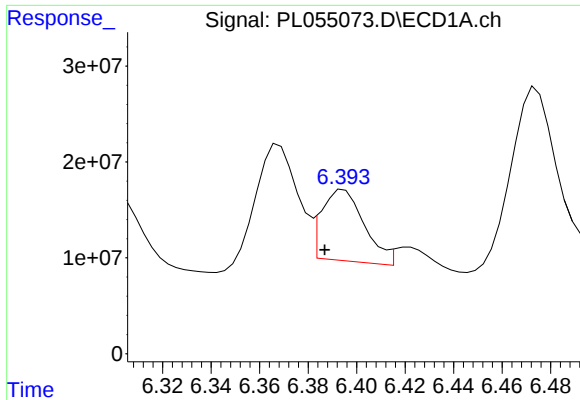
#14 Endrin

R.T.: 6.105 min
Delta R.T.: -0.009 min
Response: -152178944
Conc: N.D.



#14 Endrin

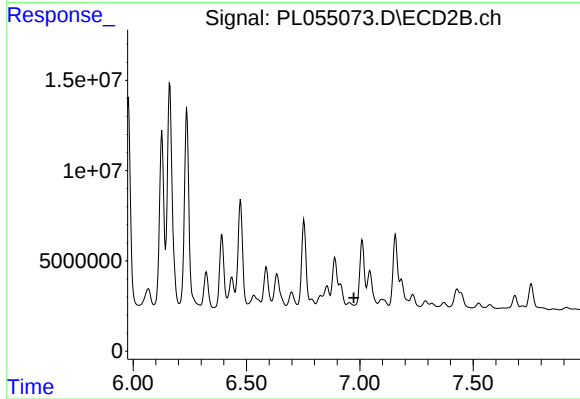
R.T.: 6.754 min
Delta R.T.: -0.010 min
Response: 54548446
Conc: 24.62 ng/ml



#15 Endosulfan II

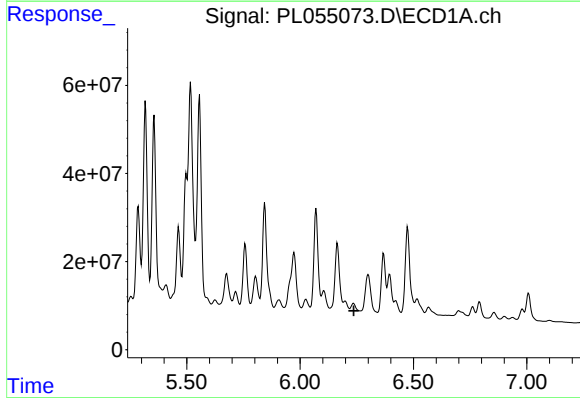
R.T.: 6.395 min
Delta R.T.: 0.008 min
Response: 90067679
Conc: 7.44 ng/ml

Instrument :
ECD_L
ClientSampleId :



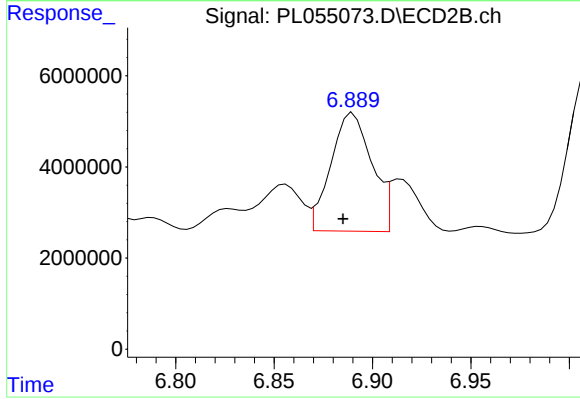
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.973 min
Response: 0
Conc: N.D.



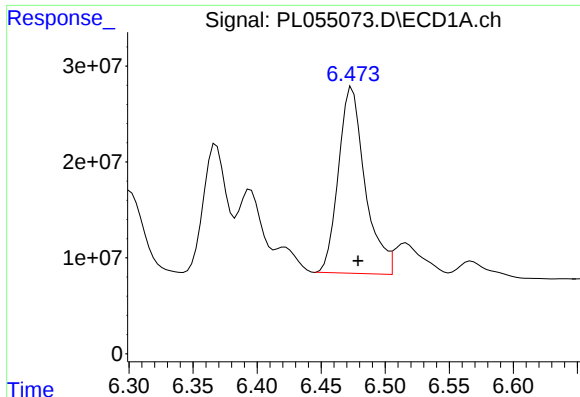
#16 4,4'-DDD

R.T.: 6.235 min
Delta R.T.: -0.001 min
Response: -141564
Conc: N.D.



#16 4,4'-DDD

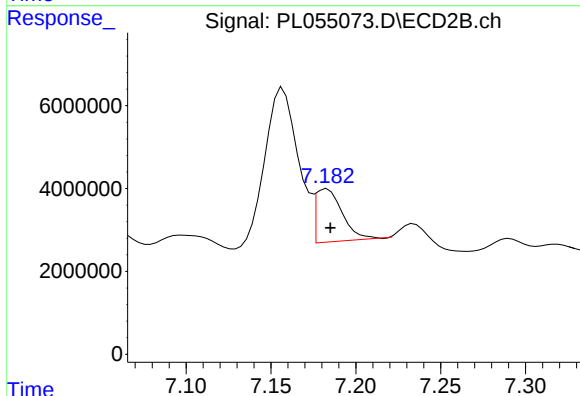
R.T.: 6.890 min
Delta R.T.: 0.005 min
Response: 37712123
Conc: 19.64 ng/ml



#17 4,4'-DDT

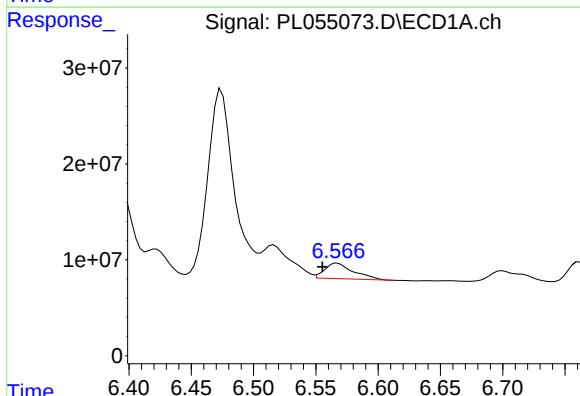
R.T.: 6.474 min
Delta R.T.: -0.005 min
Response: 280178652
Conc: 26.74 ng/ml

Instrument :
ECD_L
ClientSampleId :



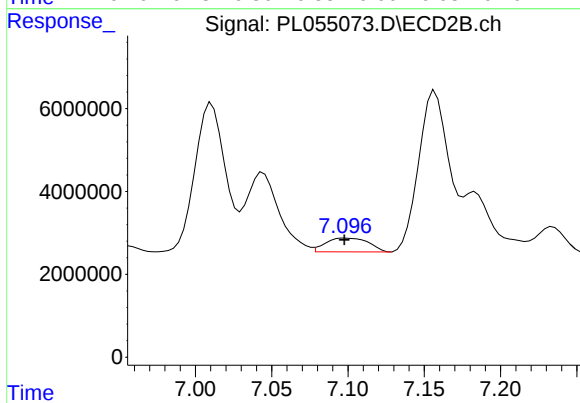
#17 4,4'-DDT

R.T.: 7.183 min
Delta R.T.: -0.002 min
Response: 13982129
Conc: 7.06 ng/ml



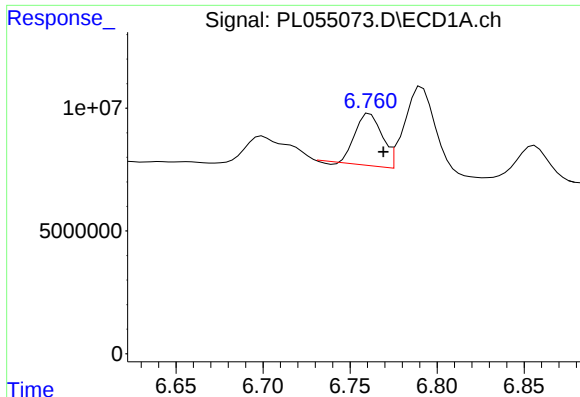
#18 Endrin aldehyde

R.T.: 6.567 min
Delta R.T.: 0.012 min
Response: 22769384
Conc: 2.30 ng/ml



#18 Endrin aldehyde

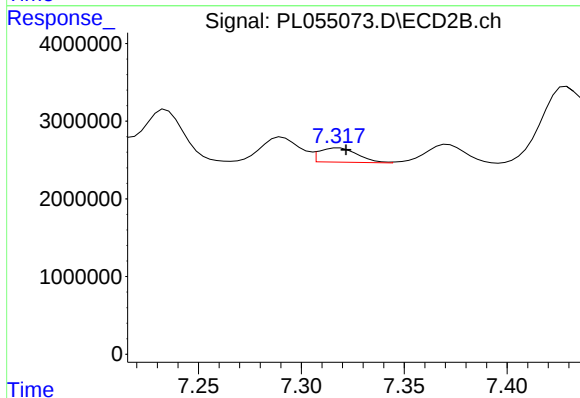
R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 6523062
Conc: 3.33 ng/ml



#19 Endosulfan Sulfate

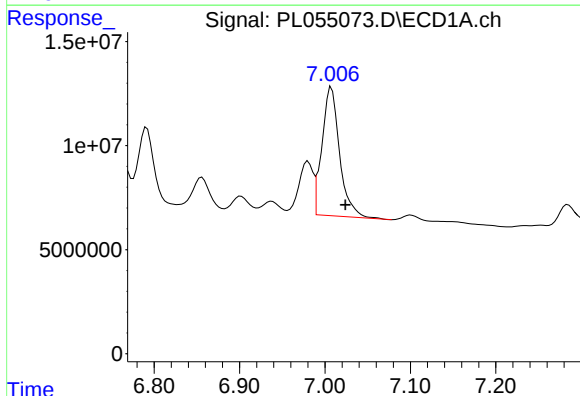
R.T.: 6.762 min
Delta R.T.: -0.008 min
Response: 22607426
Conc: 2.11 ng/ml

Instrument :
ECD_L
ClientSampleId :



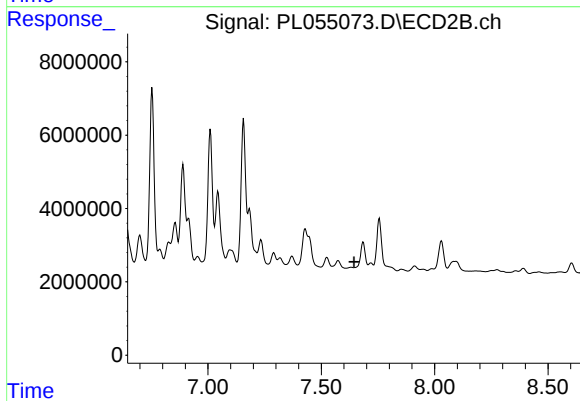
#19 Endosulfan Sulfate

R.T.: 7.318 min
Delta R.T.: -0.003 min
Response: 2391143
Conc: 1.13 ng/ml



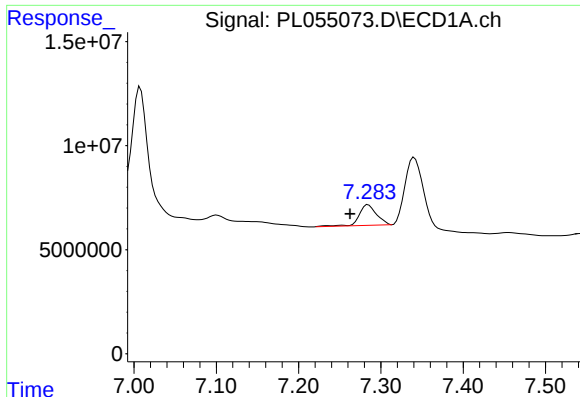
#20 Methoxychlor

R.T.: 7.008 min
Delta R.T.: -0.016 min
Response: 88737906
Conc: 17.71 ng/ml



#20 Methoxychlor

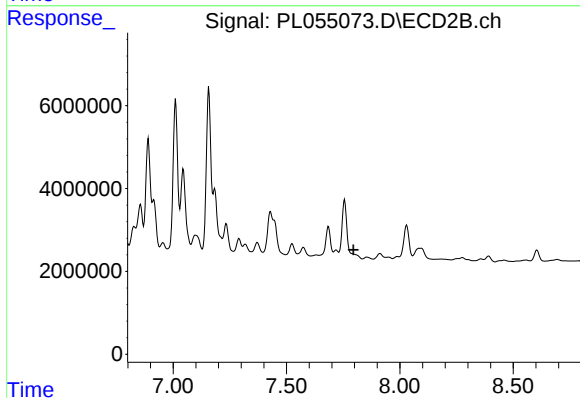
R.T.: 0.000 min
Exp R.T. : 7.645 min
Response: 0
Conc: N.D.



#21 Endrin ketone

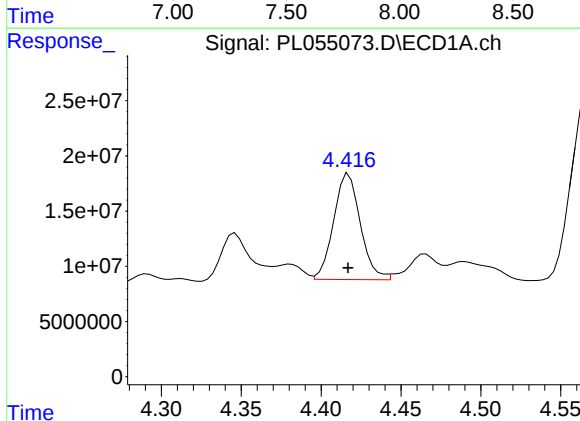
R.T.: 7.285 min
Delta R.T.: 0.022 min
Response: 14597416
Conc: 1.34 ng/ml

Instrument :
ECD_L
ClientSampleId :



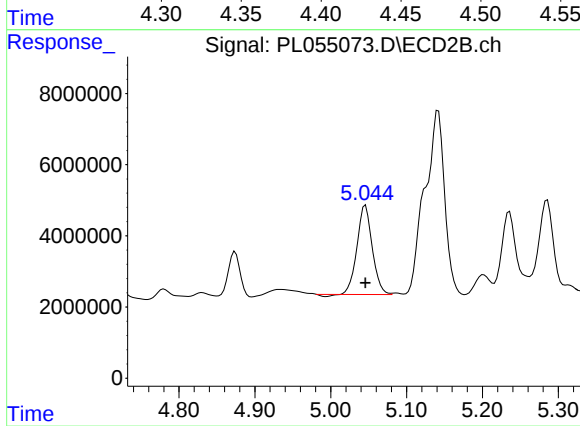
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 7.796 min
Response: 0
Conc: N.D.



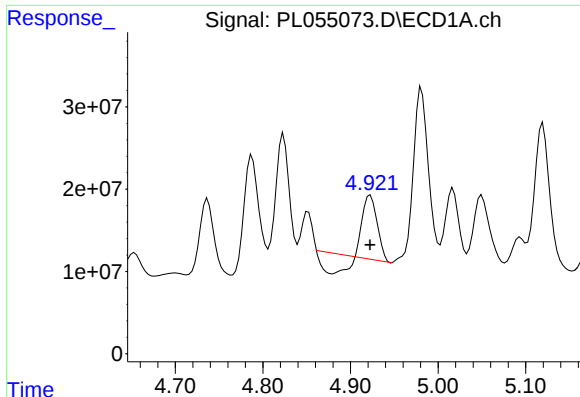
#23 Chlordane-1

R.T.: 4.417 min
Delta R.T.: 0.000 min
Response: 111845052
Conc: 260.63 ng/ml



#23 Chlordane-1

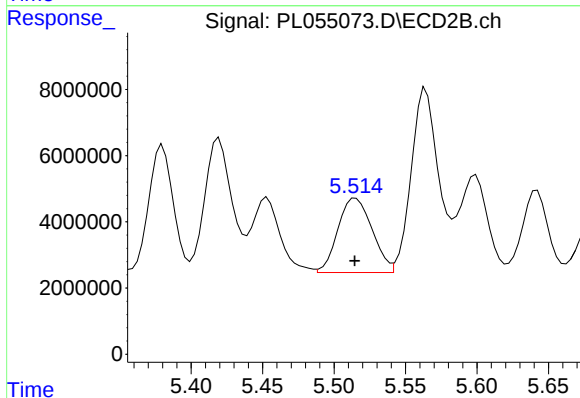
R.T.: 5.046 min
Delta R.T.: 0.000 min
Response: 34863410
Conc: 339.59 ng/ml



#24 Chlordane-2

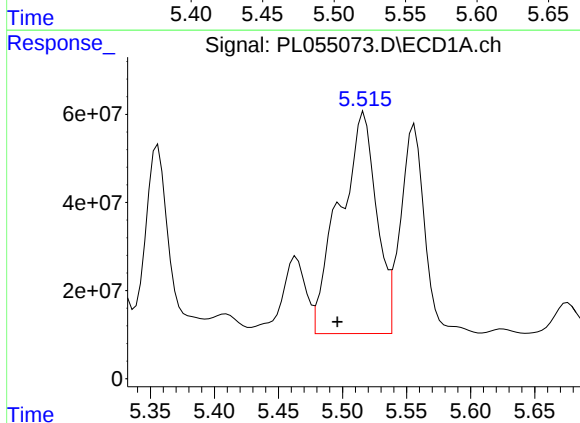
R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 52753543
Conc: 112.41 ng/ml

Instrument :
ECD_L
ClientSampleId :



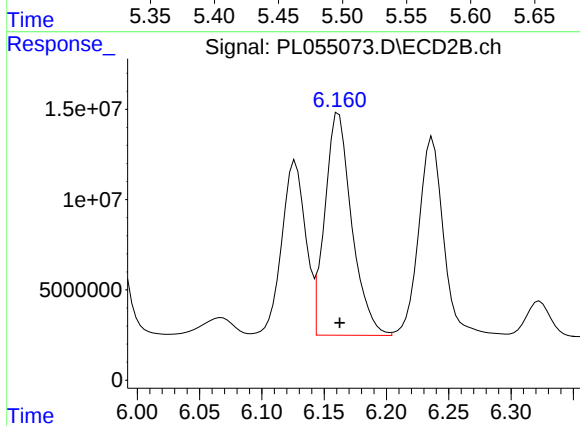
#24 Chlordane-2

R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 37481467
Conc: 352.75 ng/ml



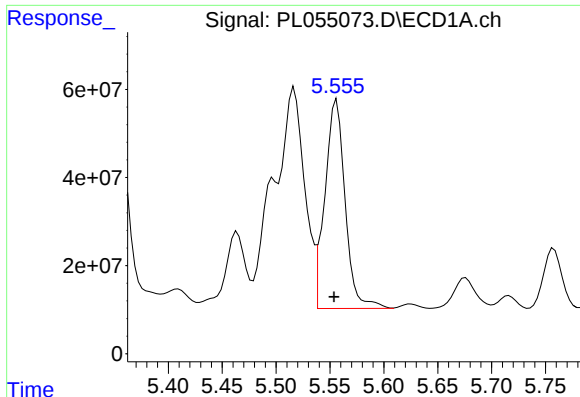
#25 Chlordane-3

R.T.: 5.517 min
Delta R.T.: 0.021 min
Response: 1014324039
Conc: 752.61 ng/ml



#25 Chlordane-3

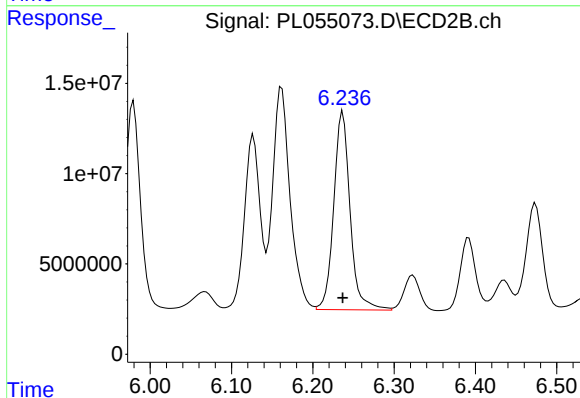
R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 184917093
Conc: 504.36 ng/ml



#26 Chlordane-4

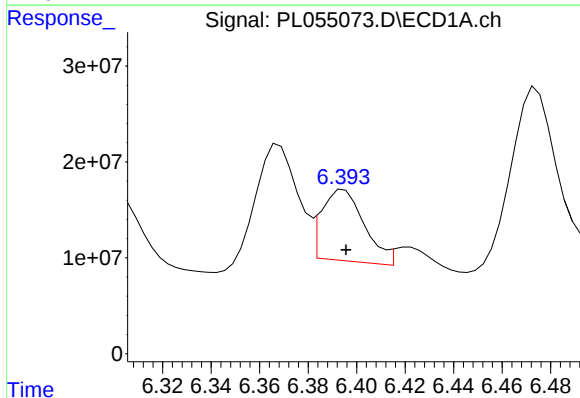
R.T.: 5.556 min
Delta R.T.: 0.002 min
Response: 621032404
Conc: 560.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



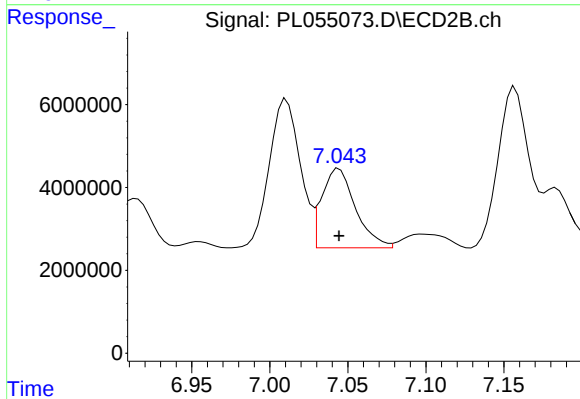
#26 Chlordane-4

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 153659046
Conc: 353.33 ng/ml



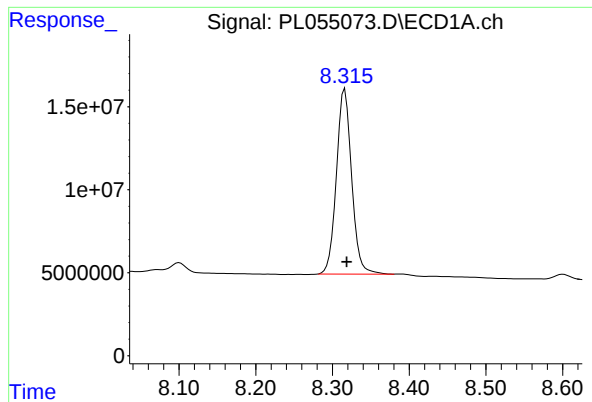
#27 Chlordane-5

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 90067679
Conc: 243.54 ng/ml



#27 Chlordane-5

R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 28708922
Conc: 379.88 ng/ml



#28 Decachlorobiphenyl

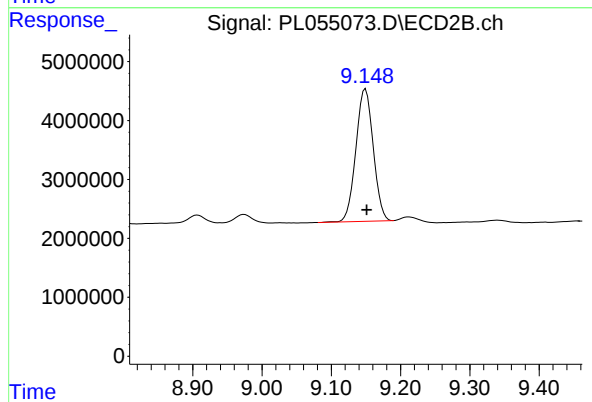
R.T.: 8.316 min

Delta R.T.: -0.003 min

Response: 153900543

Conc: 16.07 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.149 min

Delta R.T.: -0.002 min

Response: 39091465

Conc: 16.31 ng/ml