

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031521\
 Data File : PD061609.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2021 22:42
 Operator : AR\AJ
 Sample : M1557-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 16 08:59:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031521.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 16 02:33:48 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.485	3.978	17879472	723.8E6	22.912	94.569 #
28)	SA Decachlor...	8.258	9.039	26924329	198.9E6	23.841	23.755
Target Compounds							
2)	A alpha-BHC	3.926	4.371	2647.6E6	16211.0E6	2229.795	1411.786 #
3)	MA gamma-BHC...	4.210	4.655	601.2E6	4925.5E6	551.536	470.946
4)	MA Heptachlor	4.514	5.163	923.3E6	8895.4E6	1157.813	923.817
5)	MB Aldrin	4.764	5.469	1641.7E6	12482.7E6	1493.407	1144.526
6)	B beta-BHC	4.460	4.824	200.1E6	1703.2E6	396.219	402.144
7)	B delta-BHC	4.671	0.000	98914	0	0.088	N.D. #
8)	B Heptachlo...	5.207	5.854	339.2E6	2810.3E6	326.682	293.000
9)	A Endosulfan I	5.549	6.211	1742.8E6	12573.5E6	1733.096	1352.043
10)	B gamma-Chl...	5.436	6.087	663.6E6	5357.1E6	621.016	518.437
11)	B alpha-Chl...	5.494	6.160	380.7E6	3103.4E6	360.504	316.955
12)	B 4,4'-DDE	5.657	6.317	1284.5E6	9716.2E6	1233.254	969.676
13)	MA Dieldrin	5.793	6.467	1415.8E6	10516.6E6	1380.751	1044.942
14)	MA Endrin	6.051	6.685	787.9E6	5893.5E6	861.319	715.406
15)	B Endosulfa...	6.324	6.893	1365.4E6	9810.6E6	1453.261	1169.723
16)	A 4,4'-DDD	6.174	6.806	716.1E6	5855.3E6	936.550	729.412
17)	MA 4,4'-DDT	6.416	7.104	293.1E6	2624.9E6	367.245	310.851
18)	B Endrin al...	6.493	7.017	1517.5E6	11085.5E6	2011.865	1612.898
19)	B Endosulfa...	6.706	7.240	595.5E6	4744.4E6	614.246	545.263
20)	A Methoxychlor	6.962	7.562	530.8E6	4347.5E6	1364.698	1135.911
21)	B Endrin ke...	7.201	7.710	1881.0E6	11834.0E6	1621.539	1298.628
22)	Mirex	0.000	8.166	0	1714316	N.D.	0.300 #
23)	Chlordane-1	4.360	4.959f	89484	722371	3.150	2.328 #
24)	Chlordane-2	4.891f	5.469f	420977	12482.7E6	12.460	39422.497 #
25)	Chlordane-3	5.436	6.087	663.6E6	5357.1E6	6375.037	3813.610 #
26)	Chlordane-4	5.494	6.160	380.7E6	3103.4E6	4419.092	1916.079 #
27)	Chlordane-5	6.324	0.000	1365.4E6	0	35860.788	N.D. #

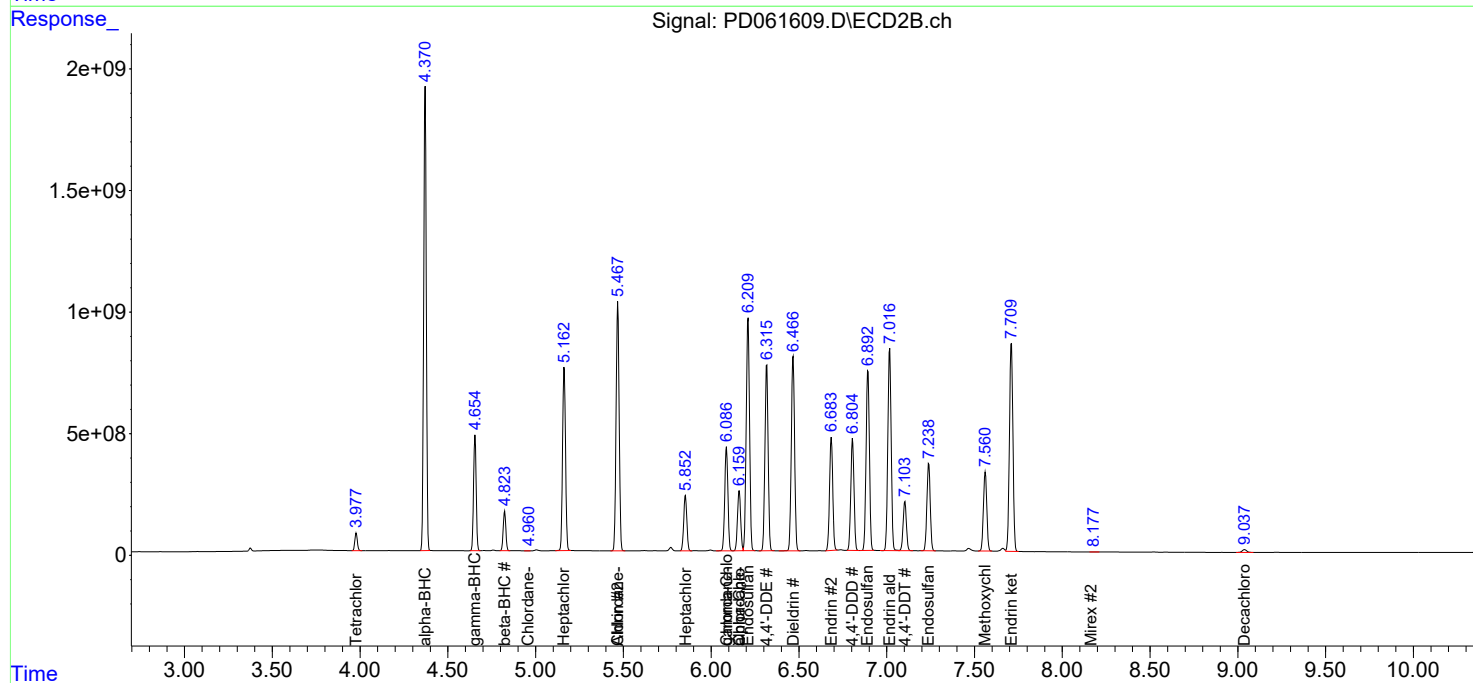
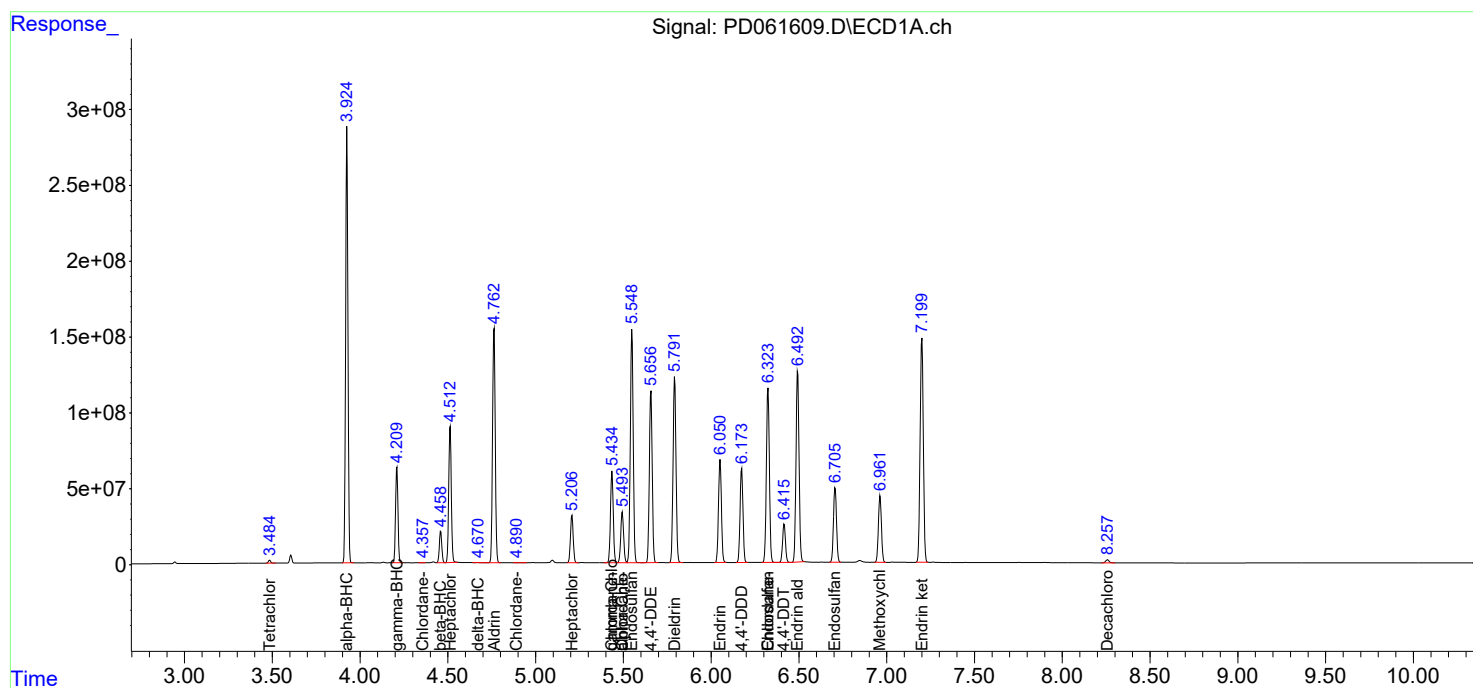
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

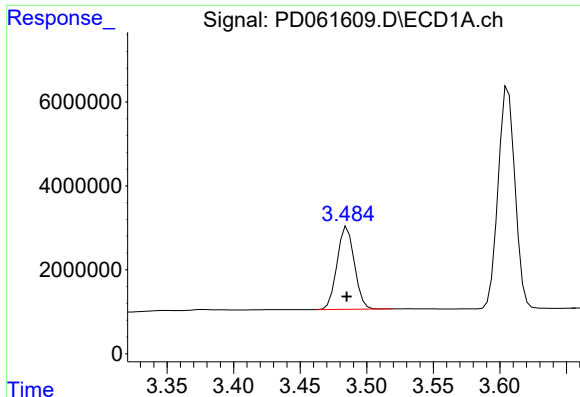
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031521\
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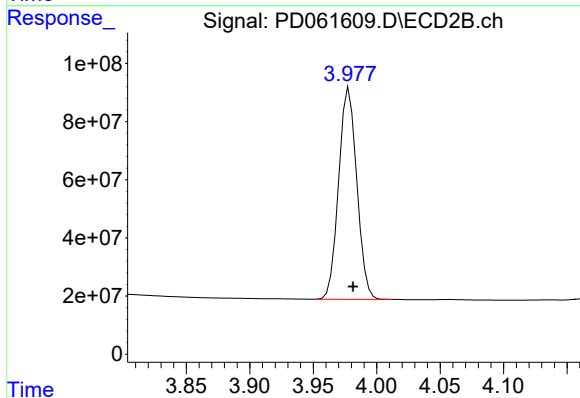




#1 Tetrachloro-m-xylene

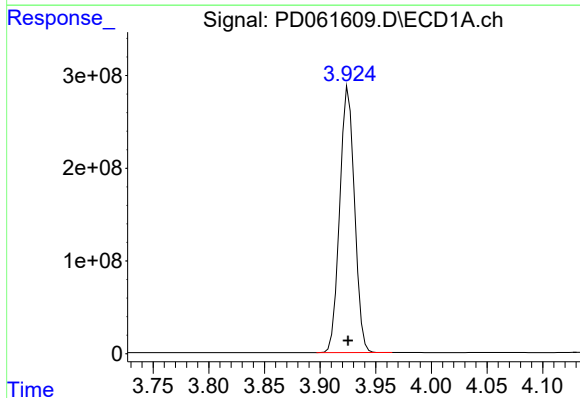
R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 17879472
Conc: 22.91 ng/ml

Instrument :
ECD_D
ClientSampleId :



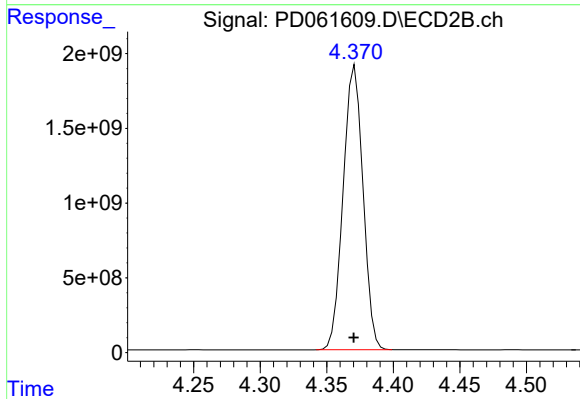
#1 Tetrachloro-m-xylene

R.T.: 3.978 min
Delta R.T.: -0.003 min
Response: 723843749
Conc: 94.57 ng/ml



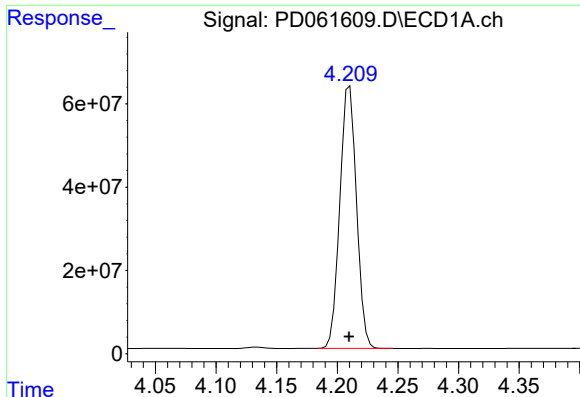
#2 alpha-BHC

R.T.: 3.926 min
Delta R.T.: 0.000 min
Response: 2647570467
Conc: 2229.79 ng/ml



#2 alpha-BHC

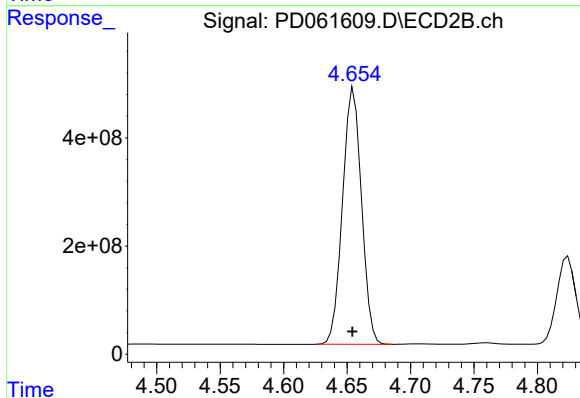
R.T.: 4.371 min
Delta R.T.: 0.001 min
Response: 16211041758
Conc: 1411.79 ng/ml



#3 gamma-BHC (Lindane)

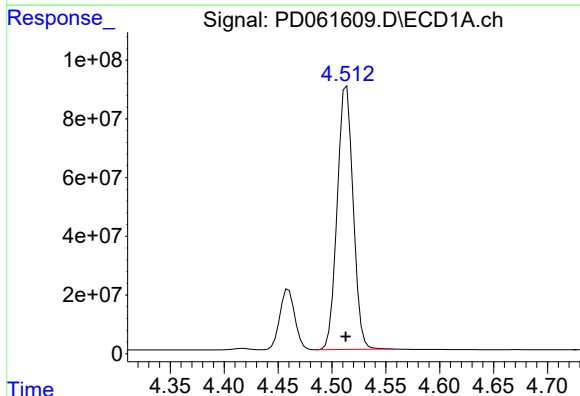
R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 601217068
Conc: 551.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



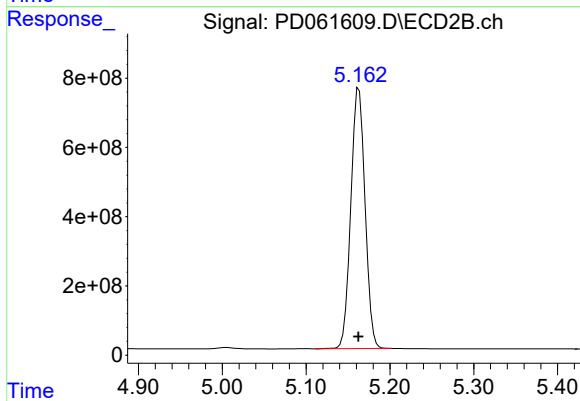
#3 gamma-BHC (Lindane)

R.T.: 4.655 min
Delta R.T.: 0.001 min
Response: 4925542798
Conc: 470.95 ng/ml



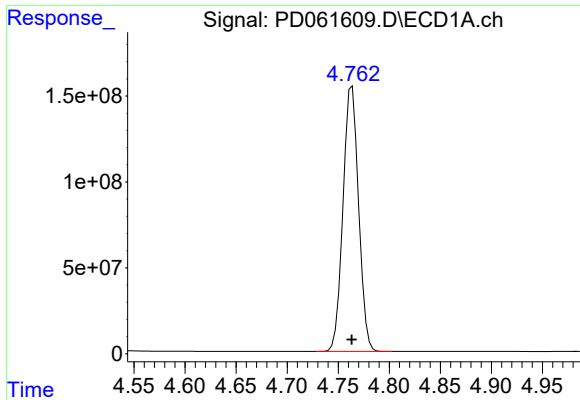
#4 Heptachlor

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 923288099
Conc: 1157.81 ng/ml



#4 Heptachlor

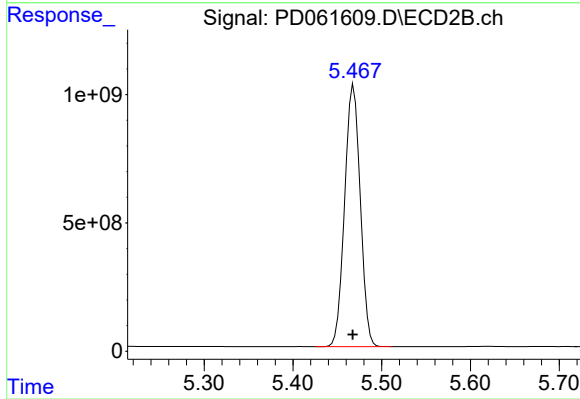
R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 8895383410
Conc: 923.82 ng/ml



#5 Aldrin

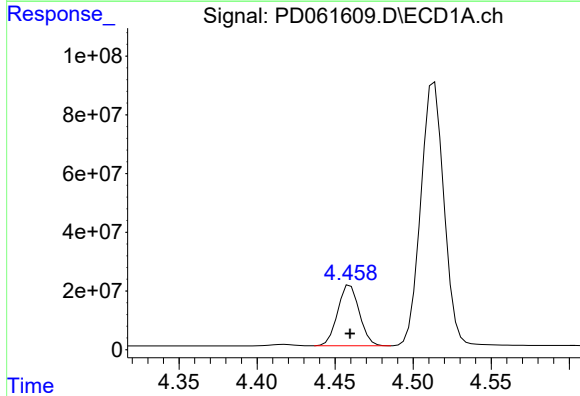
R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 1641661036
Conc: 1493.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



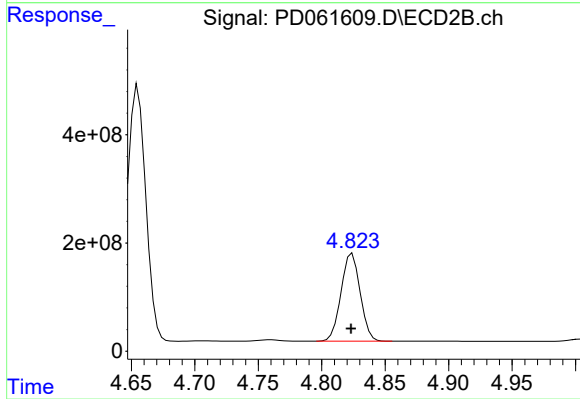
#5 Aldrin

R.T.: 5.469 min
Delta R.T.: 0.001 min
Response: 12482700261
Conc: 1144.53 ng/ml



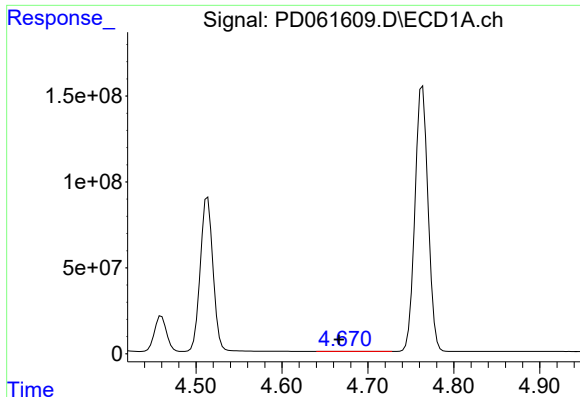
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 200149348
Conc: 396.22 ng/ml



#6 beta-BHC

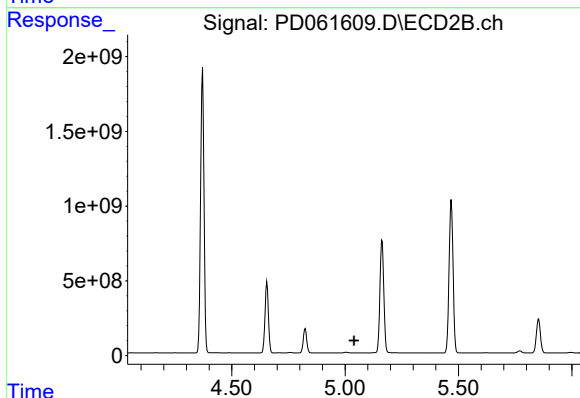
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 1703184078
Conc: 402.14 ng/ml



#7 delta-BHC

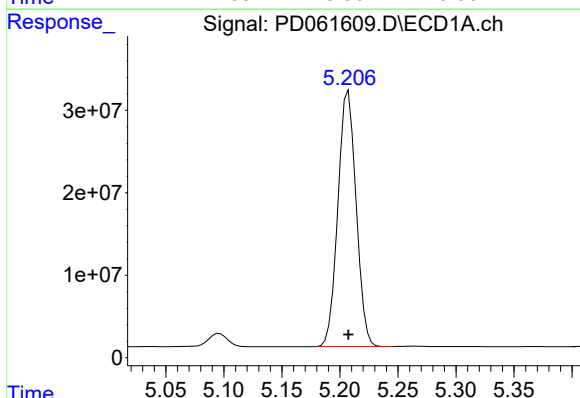
R.T.: 4.671 min
Delta R.T.: 0.005 min
Response: 98914
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



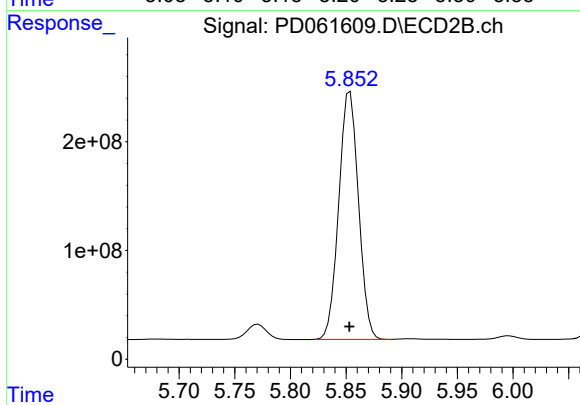
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 5.040 min
Response: 0
Conc: N.D.



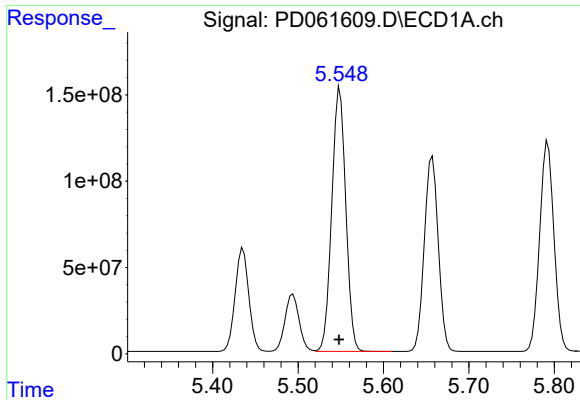
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 339184943
Conc: 326.68 ng/ml



#8 Heptachlor epoxide

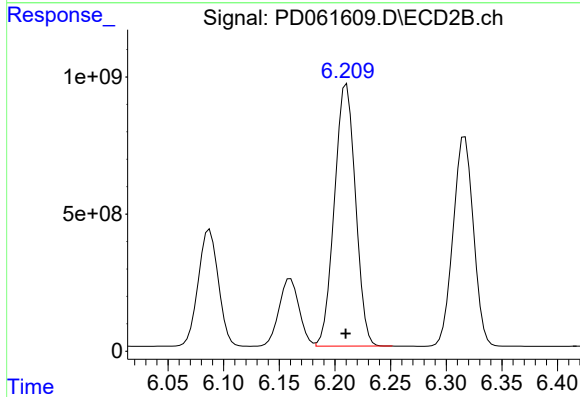
R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 2810282300
Conc: 293.00 ng/ml



#9 Endosulfan I

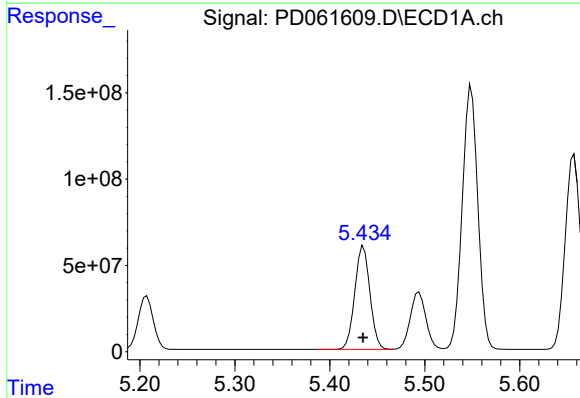
R.T.: 5.549 min
Delta R.T.: 0.000 min
Response: 1742848483
Conc: 1733.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



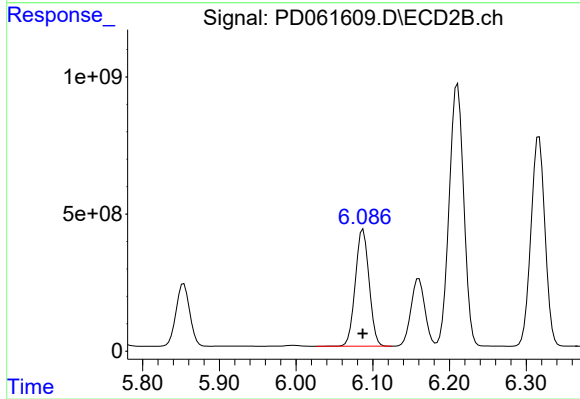
#9 Endosulfan I

R.T.: 6.211 min
Delta R.T.: 0.000 min
Response: 12573517425
Conc: 1352.04 ng/ml



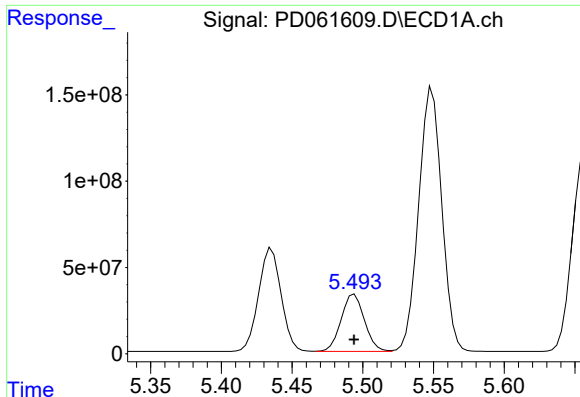
#10 gamma-Chlordane

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 663634069
Conc: 621.02 ng/ml



#10 gamma-Chlordane

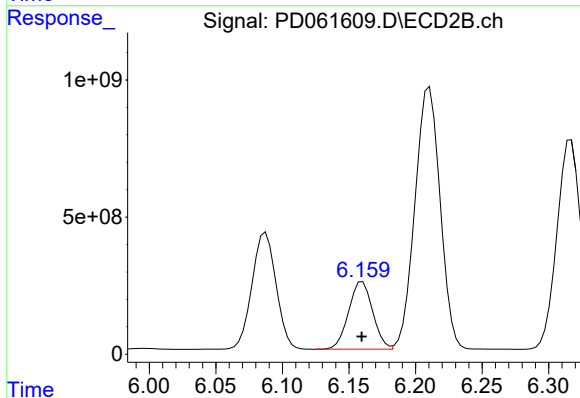
R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 5357058159
Conc: 518.44 ng/ml



#11 alpha-Chlordane

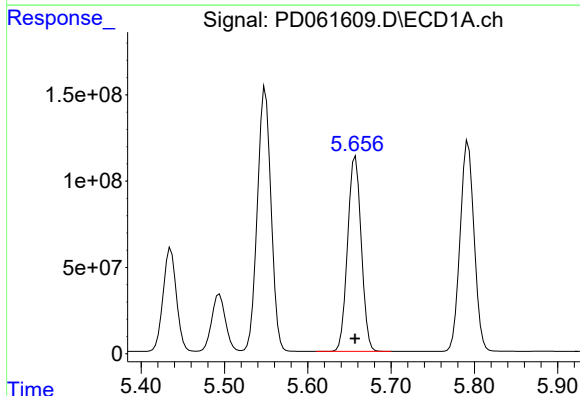
R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 380712470
Conc: 360.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



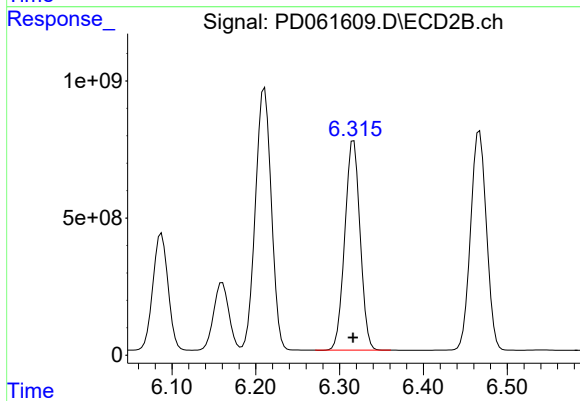
#11 alpha-Chlordane

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 3103423173
Conc: 316.95 ng/ml



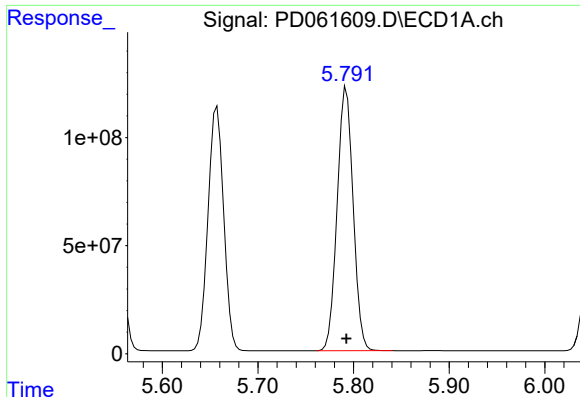
#12 4,4'-DDE

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 1284511630
Conc: 1233.25 ng/ml



#12 4,4'-DDE

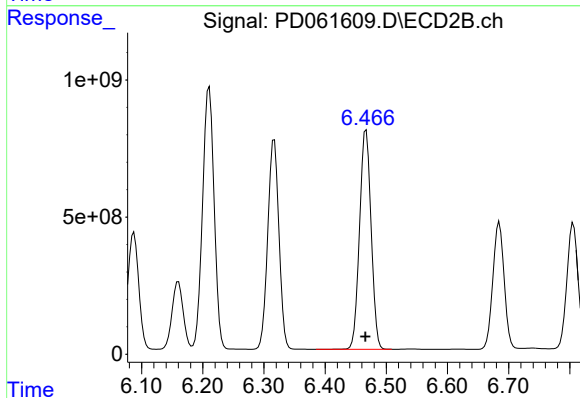
R.T.: 6.317 min
Delta R.T.: 0.000 min
Response: 9716172061
Conc: 969.68 ng/ml



#13 Dieldrin

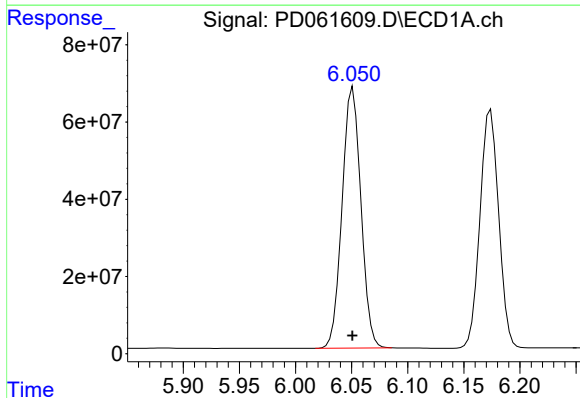
R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 1415827968
Conc: 1380.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



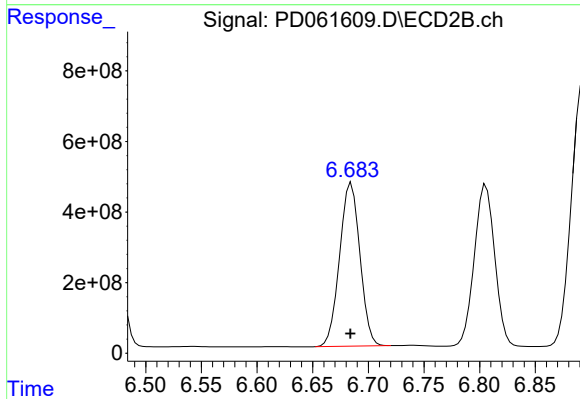
#13 Dieldrin

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 10516563606
Conc: 1044.94 ng/ml



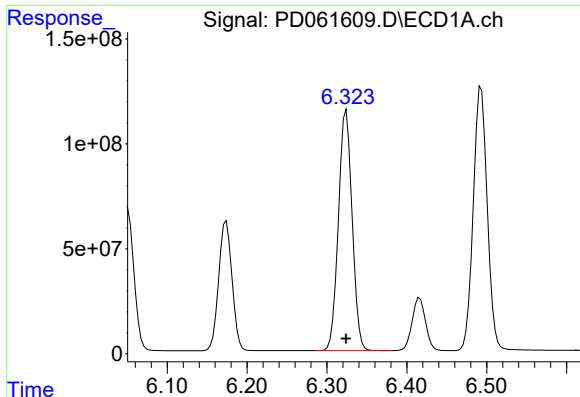
#14 Endrin

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 787863867
Conc: 861.32 ng/ml



#14 Endrin

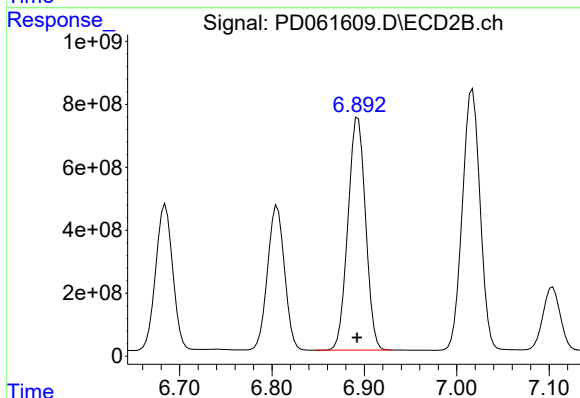
R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 5893474357
Conc: 715.41 ng/ml



#15 Endosulfan II

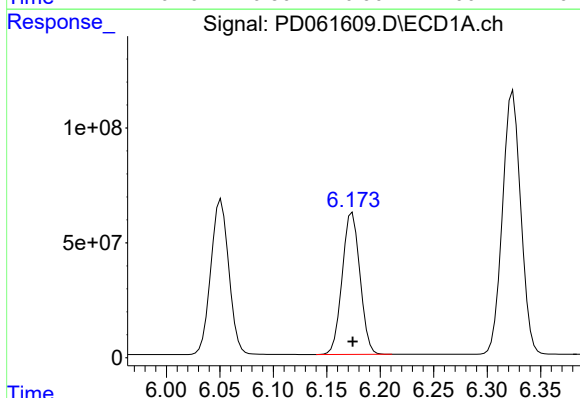
R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 1365372783
Conc: 1453.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



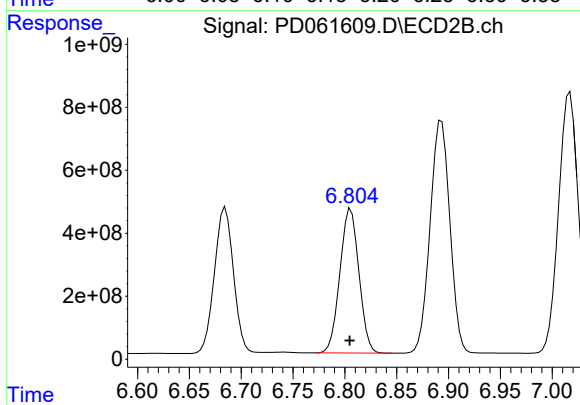
#15 Endosulfan II

R.T.: 6.893 min
Delta R.T.: 0.001 min
Response: 9810577903
Conc: 1169.72 ng/ml



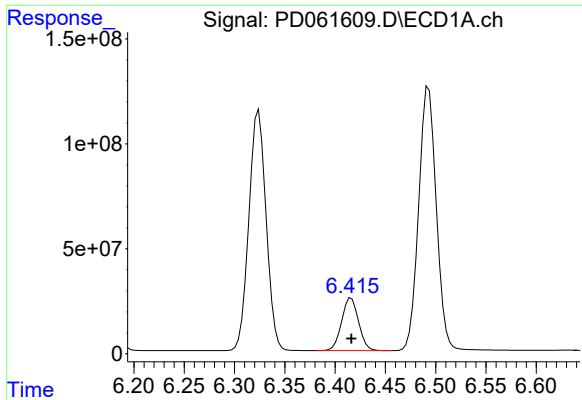
#16 4,4'-DDD

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 716105558
Conc: 936.55 ng/ml



#16 4,4'-DDD

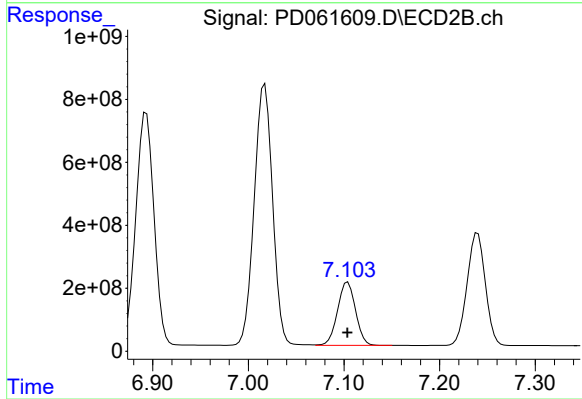
R.T.: 6.806 min
Delta R.T.: 0.001 min
Response: 5855316828
Conc: 729.41 ng/ml



#17 4,4'-DDT

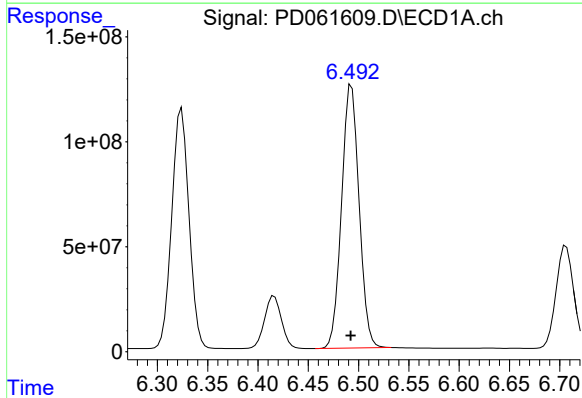
R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 293051019
Conc: 367.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



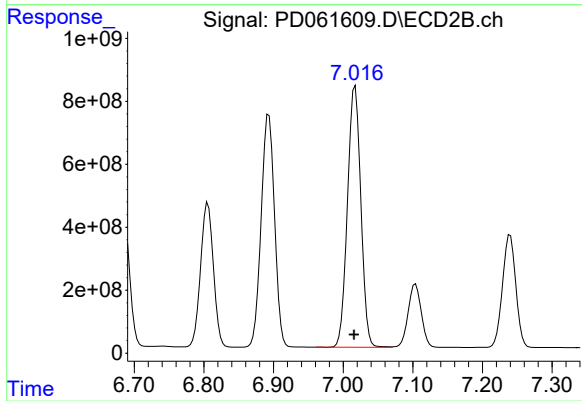
#17 4,4'-DDT

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 2624878549
Conc: 310.85 ng/ml



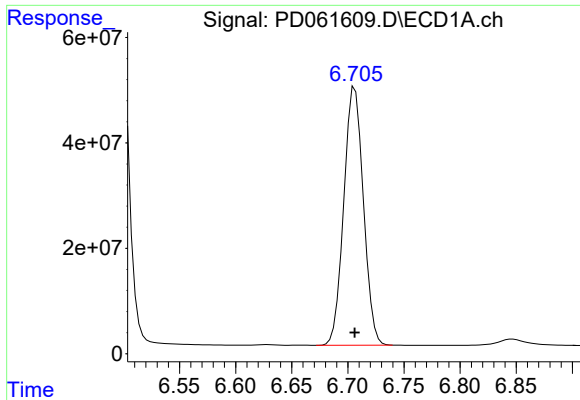
#18 Endrin aldehyde

R.T.: 6.493 min
Delta R.T.: 0.000 min
Response: 1517457464
Conc: 2011.86 ng/ml



#18 Endrin aldehyde

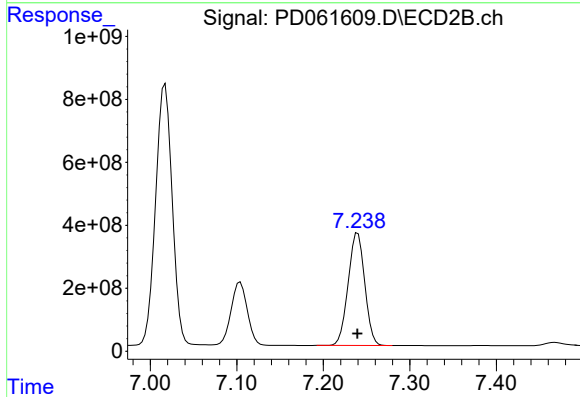
R.T.: 7.017 min
Delta R.T.: 0.002 min
Response: 11085484525
Conc: 1612.90 ng/ml



#19 Endosulfan Sulfate

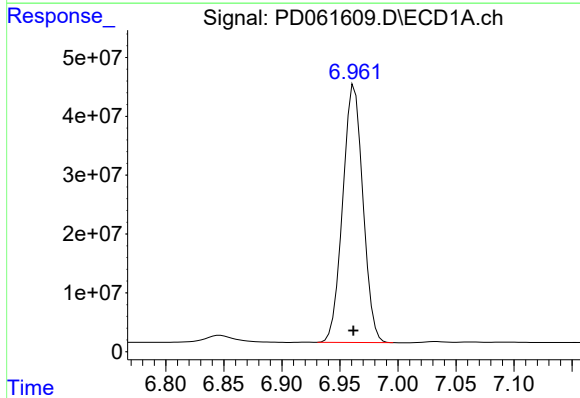
R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 595538547
Conc: 614.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



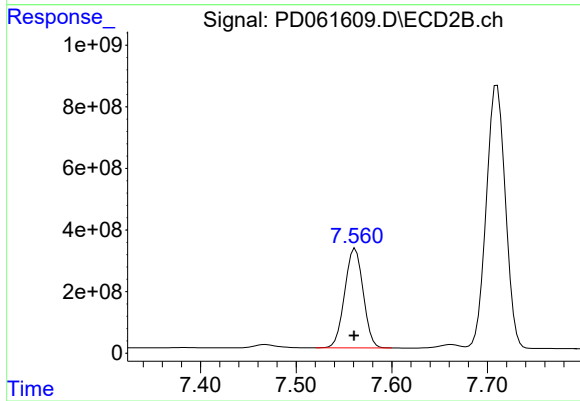
#19 Endosulfan Sulfate

R.T.: 7.240 min
Delta R.T.: 0.000 min
Response: 4744362575
Conc: 545.26 ng/ml



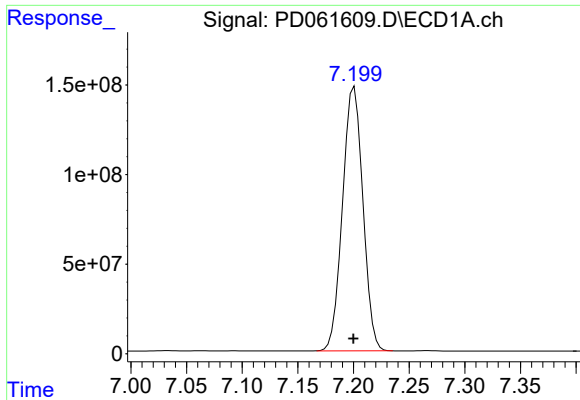
#20 Methoxychlor

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 530822737
Conc: 1364.70 ng/ml



#20 Methoxychlor

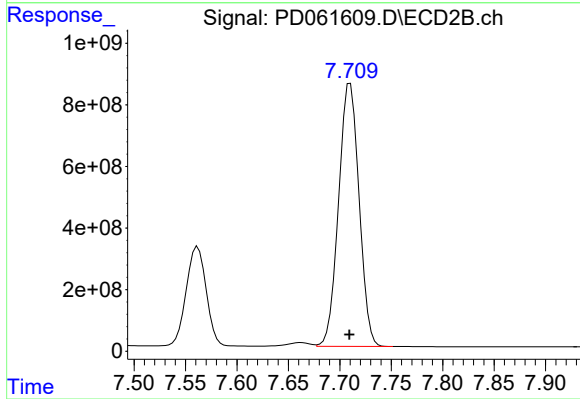
R.T.: 7.562 min
Delta R.T.: 0.001 min
Response: 4347477962
Conc: 1135.91 ng/ml



#21 Endrin ketone

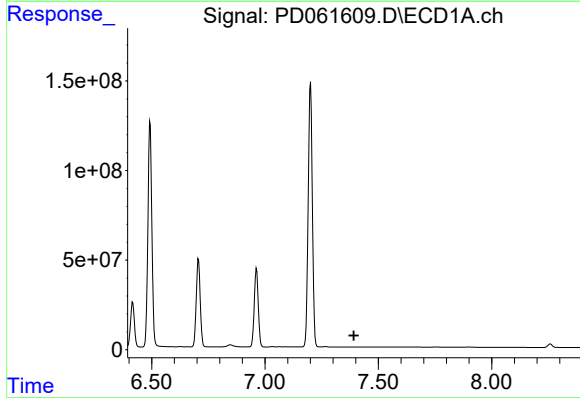
R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 1880977248
Conc: 1621.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



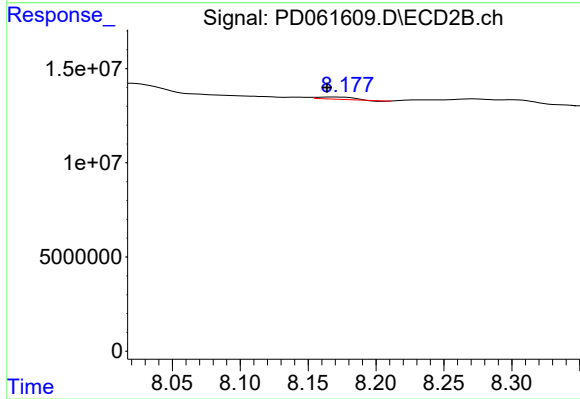
#21 Endrin ketone

R.T.: 7.710 min
Delta R.T.: 0.000 min
Response: 11833960092
Conc: 1298.63 ng/ml



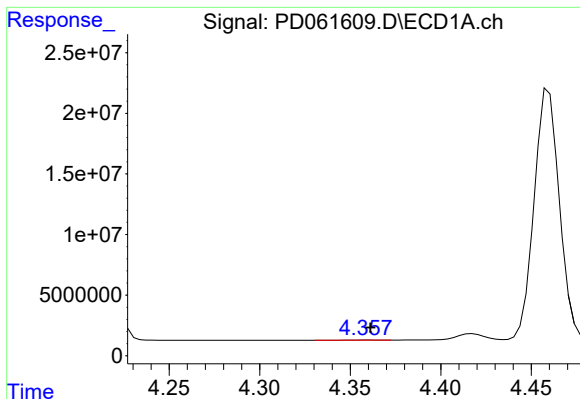
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.391 min
Response: 0
Conc: N.D.



#22 Mirex

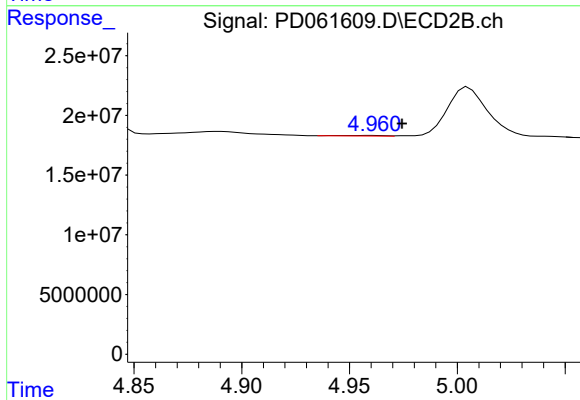
R.T.: 8.166 min
Delta R.T.: 0.002 min
Response: 1714316
Conc: 0.30 ng/ml



#23 Chlordane-1

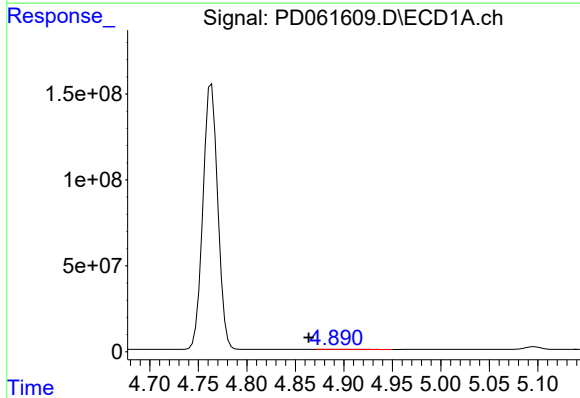
R.T.: 4.360 min
Delta R.T.: -0.001 min
Response: 89484
Conc: 3.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



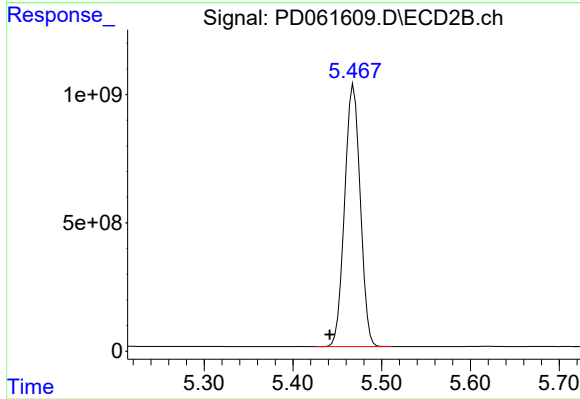
#23 Chlordane-1

R.T.: 4.959 min
Delta R.T.: -0.015 min
Response: 722371
Conc: 2.33 ng/ml



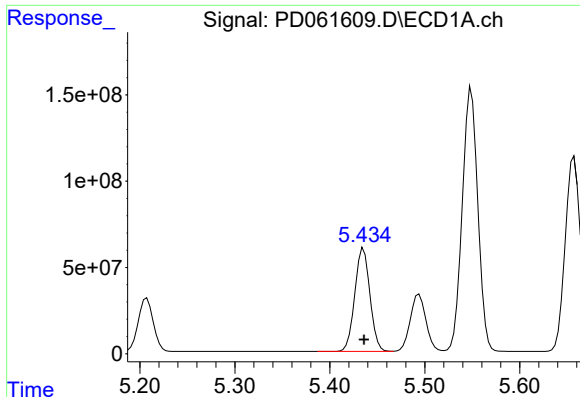
#24 Chlordane-2

R.T.: 4.891 min
Delta R.T.: 0.027 min
Response: 420977
Conc: 12.46 ng/ml



#24 Chlordane-2

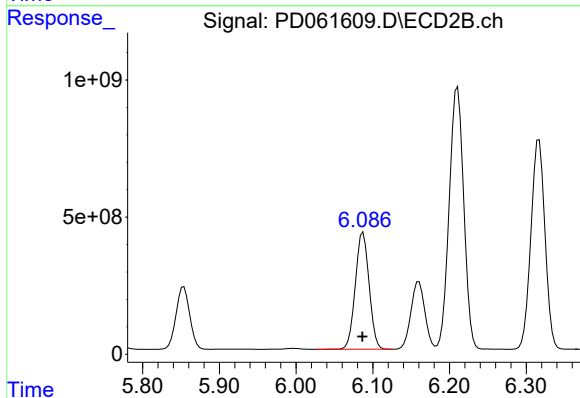
R.T.: 5.469 min
Delta R.T.: 0.027 min
Response: 12482700261
Conc: 39422.50 ng/ml



#25 Chlordane-3

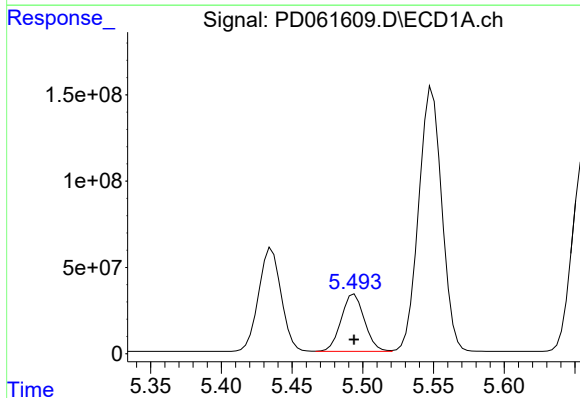
R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 663634069
Conc: 6375.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



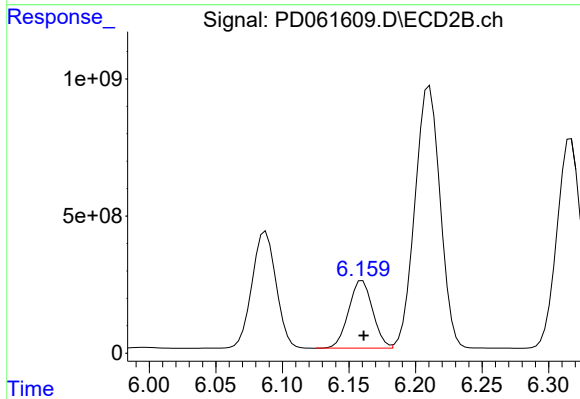
#25 Chlordane-3

R.T.: 6.087 min
Delta R.T.: 0.001 min
Response: 5357058159
Conc: 3813.61 ng/ml



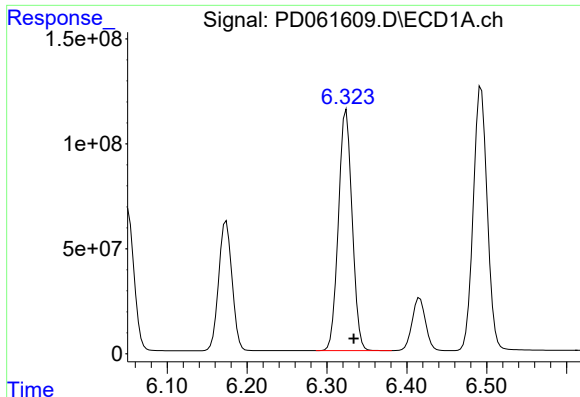
#26 Chlordane-4

R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 380712470
Conc: 4419.09 ng/ml



#26 Chlordane-4

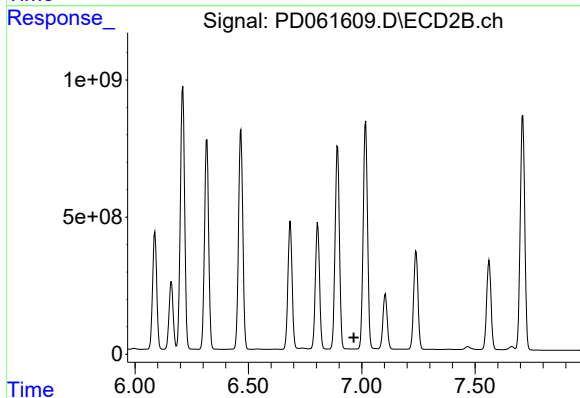
R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 3103423173
Conc: 1916.08 ng/ml



#27 Chlordane-5

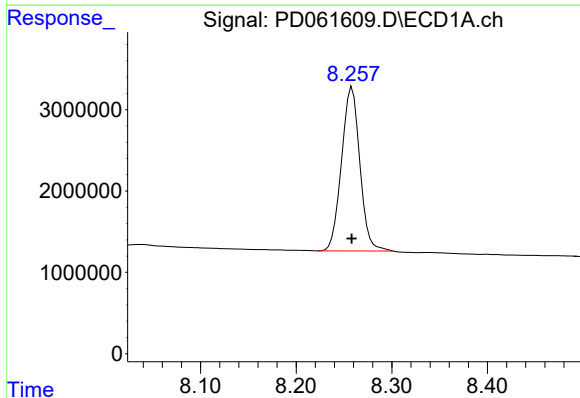
R.T.: 6.324 min
Delta R.T.: -0.009 min
Response: 1365372783
Conc: 35860.79 ng/ml

Instrument :
ECD_D
ClientSampleId :



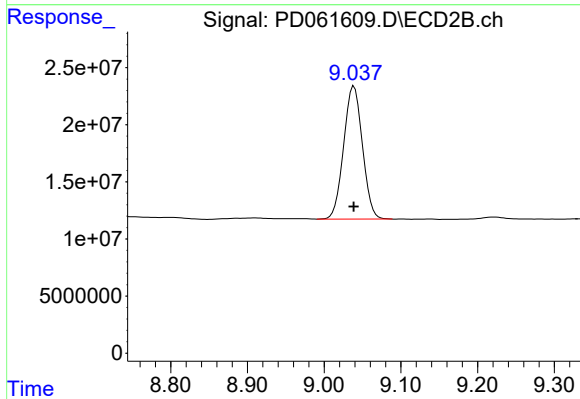
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.965 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.258 min
Delta R.T.: 0.000 min
Response: 26924329
Conc: 23.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 198880646
Conc: 23.75 ng/ml