

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012521\
 Data File : PL064387.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jan 2021 14:46
 Operator : AR\AJ
 Sample : M1188-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

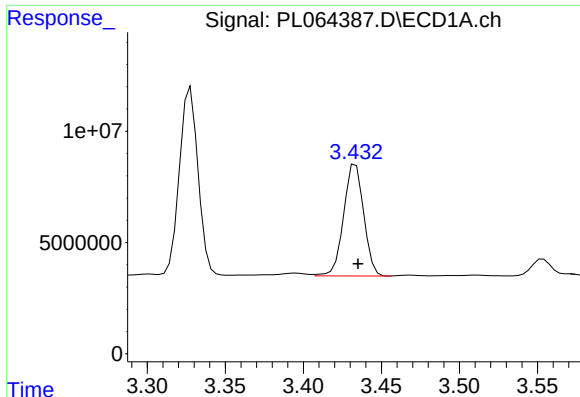
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 26 02:01:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011221.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 18 13:25:12 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.434	4.107	45048531	41358104	15.024	16.178
28)	SA Decachlor...	8.164	9.269	32950642	29943514	10.796	12.616
Target Compounds							
2)	A alpha-BHC	3.867	4.509	226.8E6	168.4E6	45.589	46.091
3)	MA gamma-BHC...	4.148	4.801	219.2E6	162.8E6	47.277	46.220
4)	MA Heptachlor	4.446	5.314	202.3E6	175.2E6	46.171	48.769
5)	MB Aldrin	4.692	5.624	185.4E6	141.8E6	46.257	45.698
6)	B beta-BHC	4.396	4.977	82475546	66720277	43.958	40.704
7)	B delta-BHC	4.598	5.198	113.3E6	84888180	24.456	26.739
8)	B Heptachlo...	5.133	6.018	172.1E6	116.6E6	45.426	44.759
9)	A Endosulfan I	5.470	6.380	182.2E6	118.5E6	51.569	43.224
10)	B gamma-Chl...	5.359	6.254	175.8E6	136.3E6	45.390	45.356
11)	B alpha-Chl...	5.417	6.326	170.7E6	134.8E6	44.615	44.287
12)	B 4,4'-DDE	5.583	6.483	157.5E6	119.8E6	44.710	44.967
13)	MA Dieldrin	5.711	6.641	178.6E6	124.5E6	48.006	44.267
14)	MA Endrin	5.966	6.863	164.0E6	98315347	47.239	43.054
15)	B Endosulfa...	6.238	7.076	146.9E6	108.9E6	43.333	43.100
16)	A 4,4'-DDD	6.097	6.981	119.1E6	107.8E6	40.833	48.643
17)	MA 4,4'-DDT	6.335	7.281	132.1E6	96447083	44.244	42.582
18)	B Endrin al...	6.406	7.201	119.1E6	84996211	41.514	39.202
19)	B Endosulfa...	6.619	7.425	126.4E6	87457546	37.255	35.408
20)	A Methoxychlor	6.883	7.740	65747337	70599739	39.343	52.251 #
21)	B Endrin ke...	7.104	7.904	129.1E6	109.4E6	35.959	43.860
22)	Mirex	7.291	8.356	93146255	87792947	34.236	43.277 #
23)	Chlordane-1	4.292	0.000	6217216	0	53.386	N.D. #
24)	Chlordane-2	0.000	5.624f	0	141.8E6	N.D.	1118.787 #
25)	Chlordane-3	5.359	6.254	175.8E6	136.3E6	440.056	337.064
26)	Chlordane-4	5.417	6.326	170.7E6	134.8E6	518.828	272.747 #
27)	Chlordane-5	6.238	0.000	146.9E6	0	1048.195	N.D. #

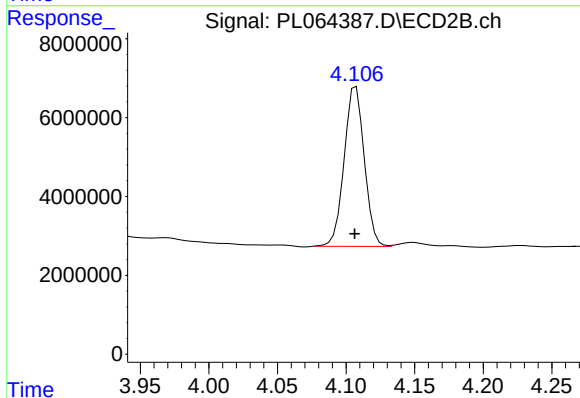
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

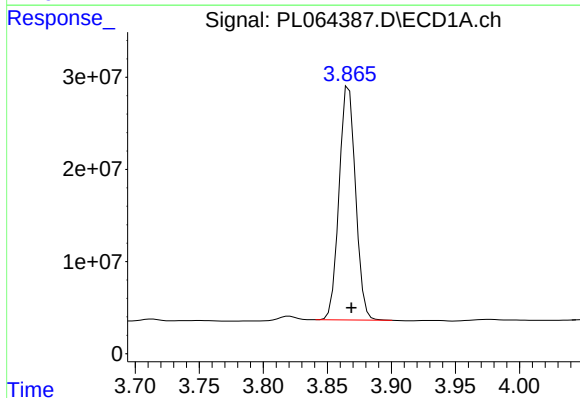
R.T.: 3.434 min
Delta R.T.: -0.001 min
Response: 45048531
Conc: 15.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



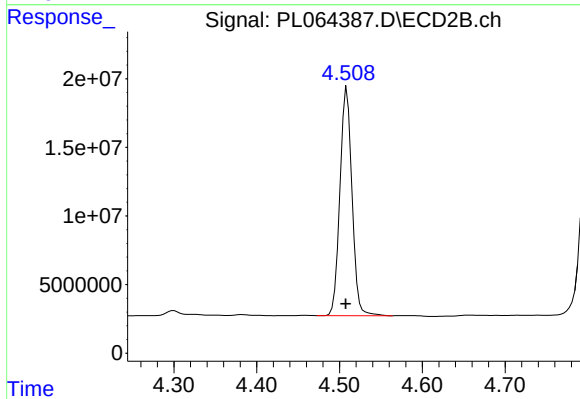
#1 Tetrachloro-m-xylene

R.T.: 4.107 min
Delta R.T.: 0.000 min
Response: 41358104
Conc: 16.18 ng/ml



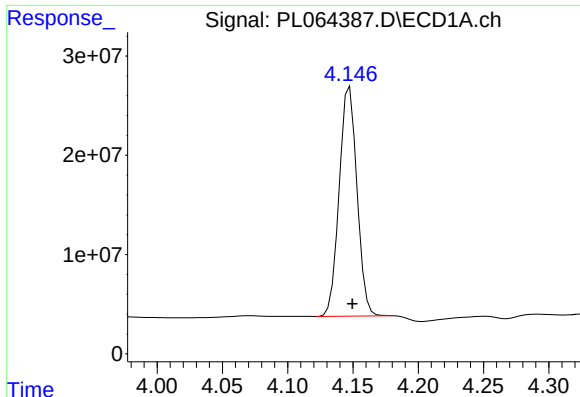
#2 alpha-BHC

R.T.: 3.867 min
Delta R.T.: -0.002 min
Response: 226752997
Conc: 45.59 ng/ml



#2 alpha-BHC

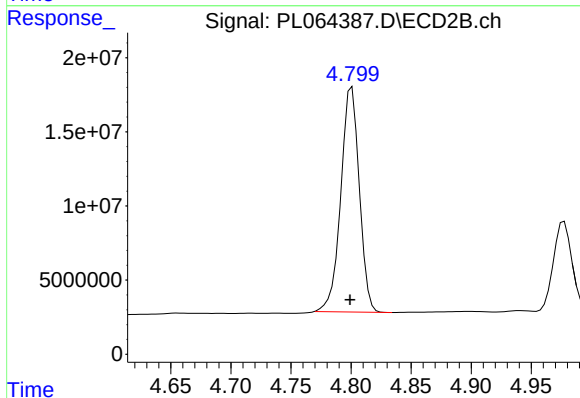
R.T.: 4.509 min
Delta R.T.: 0.001 min
Response: 168443348
Conc: 46.09 ng/ml



#3 gamma-BHC (Lindane)

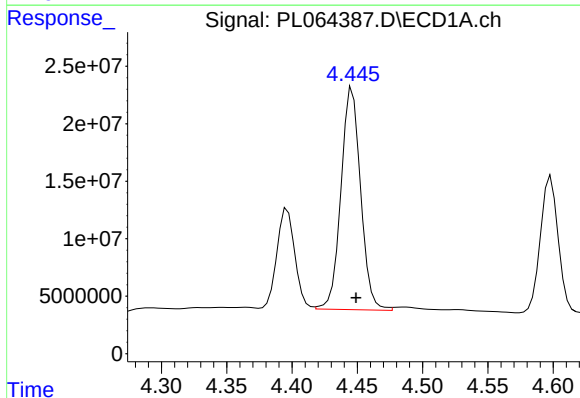
R.T.: 4.148 min
Delta R.T.: -0.002 min
Response: 219198000
Conc: 47.28 ng/ml

Instrument :
ECD_L
ClientSampleId :



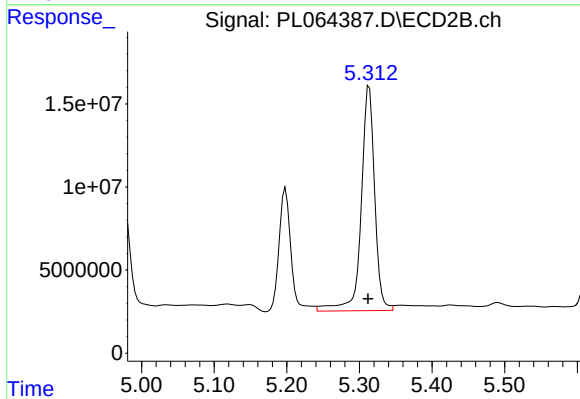
#3 gamma-BHC (Lindane)

R.T.: 4.801 min
Delta R.T.: 0.001 min
Response: 162807185
Conc: 46.22 ng/ml



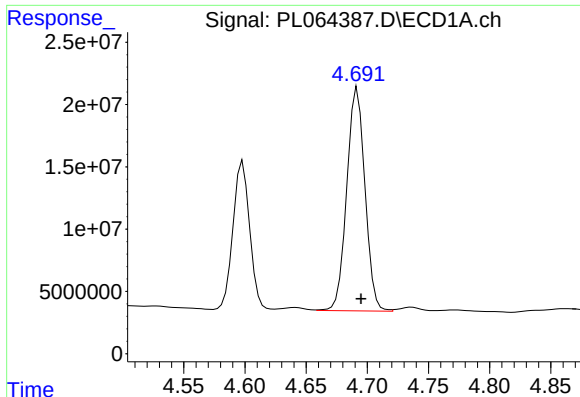
#4 Heptachlor

R.T.: 4.446 min
Delta R.T.: -0.003 min
Response: 202308837
Conc: 46.17 ng/ml



#4 Heptachlor

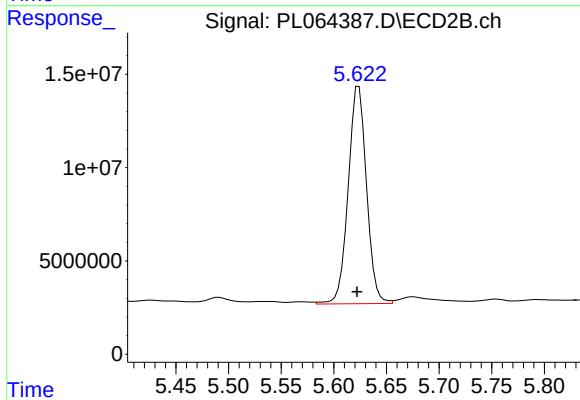
R.T.: 5.314 min
Delta R.T.: 0.002 min
Response: 175163524
Conc: 48.77 ng/ml



#5 Aldrin

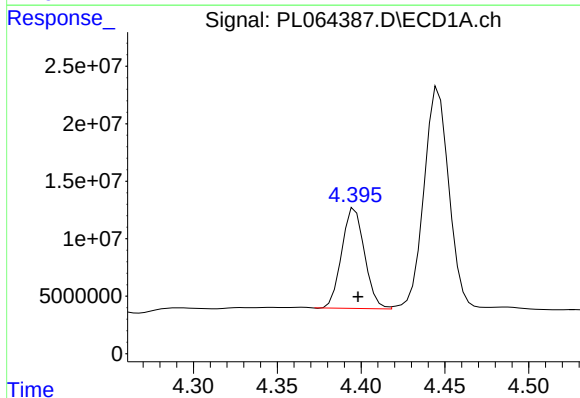
R.T.: 4.692 min
Delta R.T.: -0.003 min
Response: 185350486
Conc: 46.26 ng/ml

Instrument :
ECD_L
ClientSampleId :



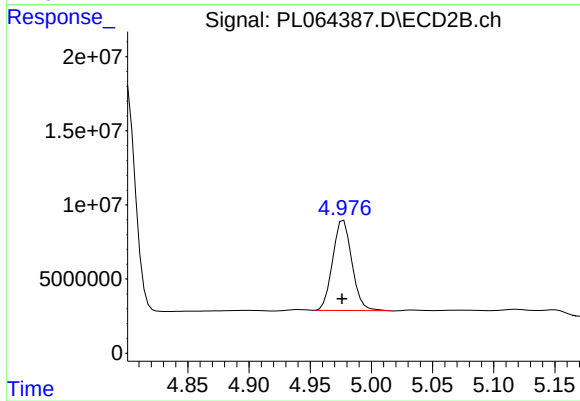
#5 Aldrin

R.T.: 5.624 min
Delta R.T.: 0.002 min
Response: 141839073
Conc: 45.70 ng/ml



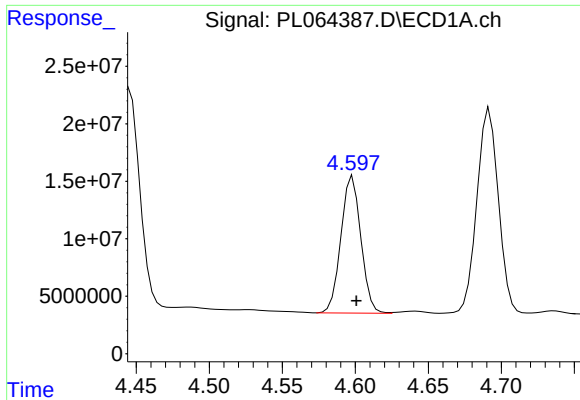
#6 beta-BHC

R.T.: 4.396 min
Delta R.T.: -0.002 min
Response: 82475546
Conc: 43.96 ng/ml



#6 beta-BHC

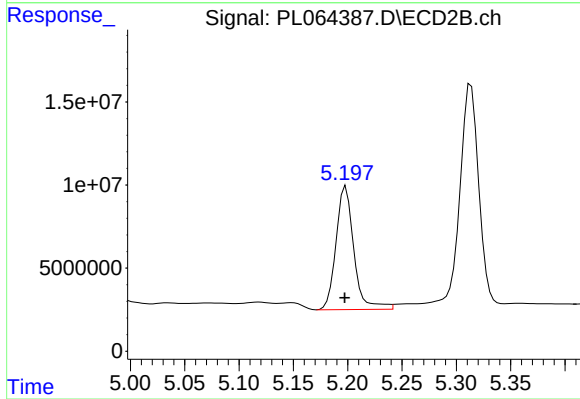
R.T.: 4.977 min
Delta R.T.: 0.001 min
Response: 66720277
Conc: 40.70 ng/ml



#7 delta-BHC

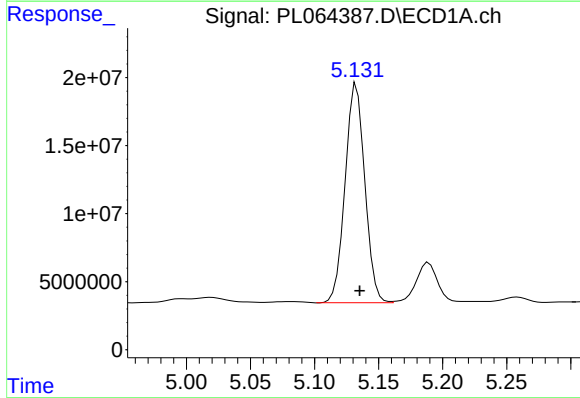
R.T.: 4.598 min
Delta R.T.: -0.003 min
Response: 113254162
Conc: 24.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



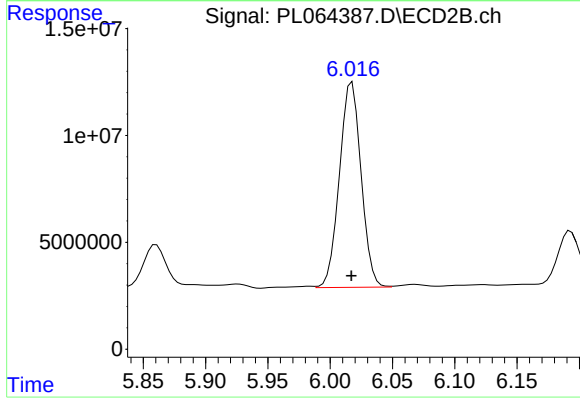
#7 delta-BHC

R.T.: 5.198 min
Delta R.T.: 0.001 min
Response: 84888180
Conc: 26.74 ng/ml



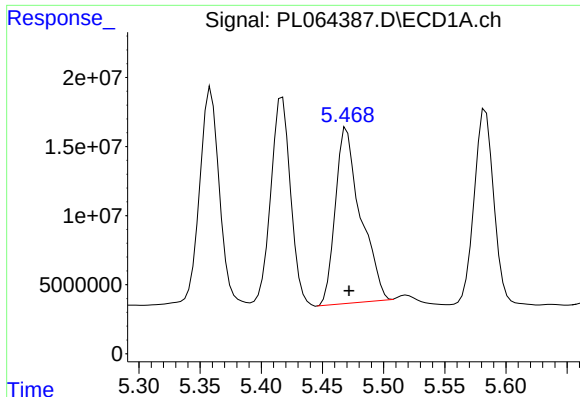
#8 Heptachlor epoxide

R.T.: 5.133 min
Delta R.T.: -0.003 min
Response: 172147870
Conc: 45.43 ng/ml



#8 Heptachlor epoxide

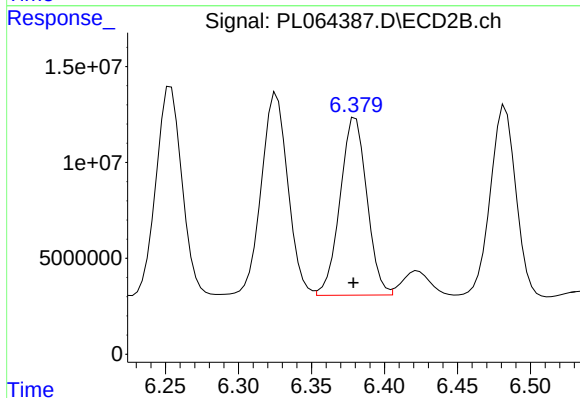
R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 116601309
Conc: 44.76 ng/ml



#9 Endosulfan I

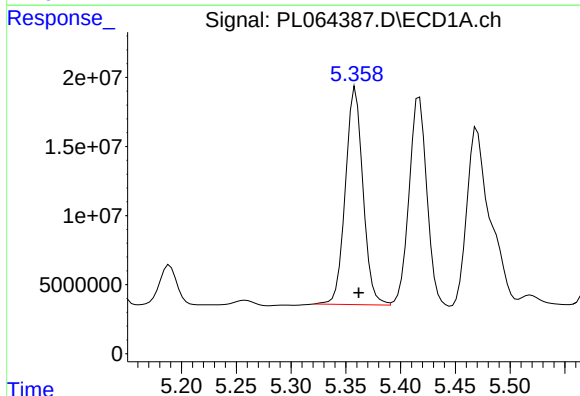
R.T.: 5.470 min
Delta R.T.: -0.002 min
Response: 182150444
Conc: 51.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



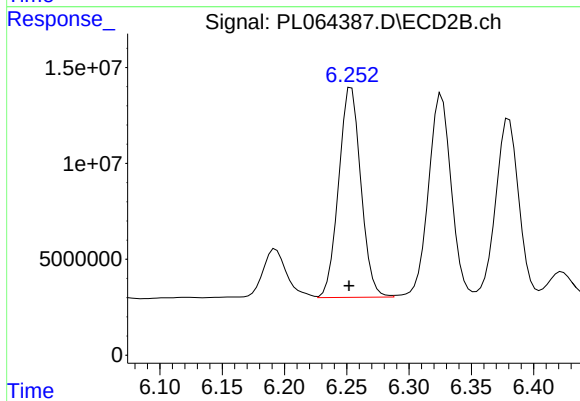
#9 Endosulfan I

R.T.: 6.380 min
Delta R.T.: 0.001 min
Response: 118464689
Conc: 43.22 ng/ml



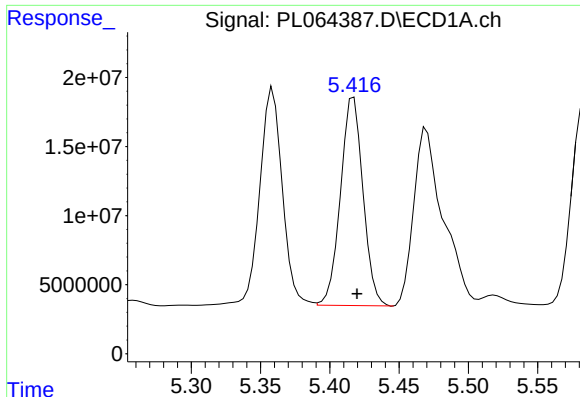
#10 gamma-Chlordane

R.T.: 5.359 min
Delta R.T.: -0.003 min
Response: 175826862
Conc: 45.39 ng/ml



#10 gamma-Chlordane

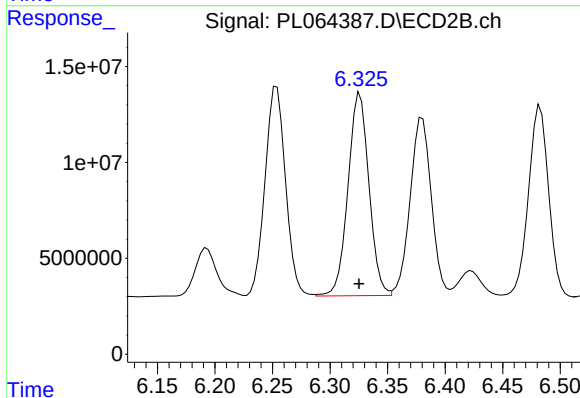
R.T.: 6.254 min
Delta R.T.: 0.002 min
Response: 136287120
Conc: 45.36 ng/ml



#11 alpha-Chlordane

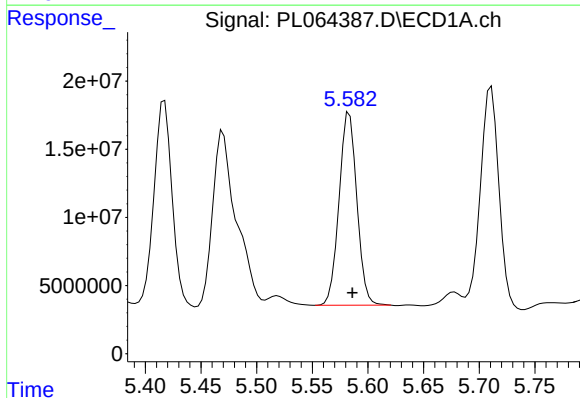
R.T.: 5.417 min
Delta R.T.: -0.002 min
Response: 170709366
Conc: 44.62 ng/ml

Instrument :
ECD_L
ClientSampleId :



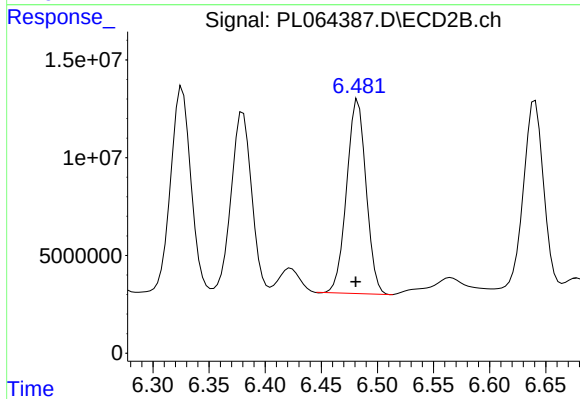
#11 alpha-Chlordane

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 134814779
Conc: 44.29 ng/ml



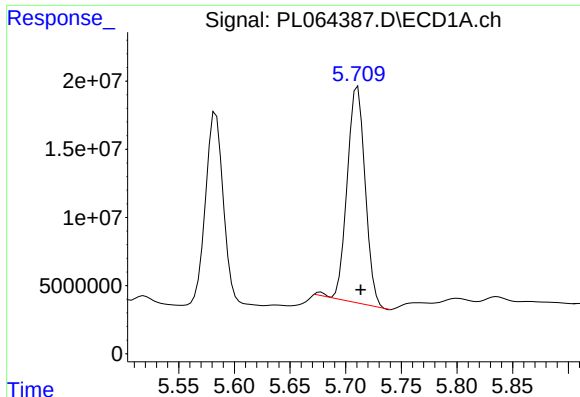
#12 4,4'-DDE

R.T.: 5.583 min
Delta R.T.: -0.003 min
Response: 157507341
Conc: 44.71 ng/ml



#12 4,4'-DDE

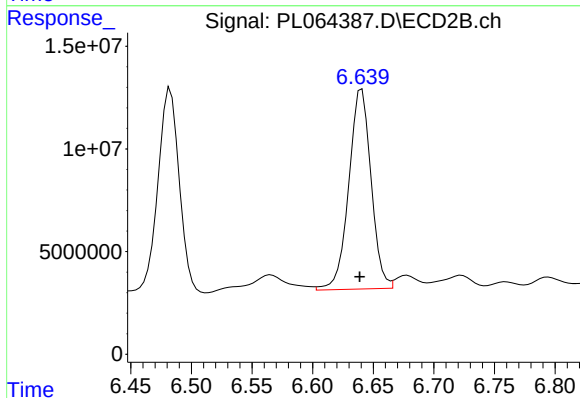
R.T.: 6.483 min
Delta R.T.: 0.002 min
Response: 119774437
Conc: 44.97 ng/ml



#13 Dieldrin

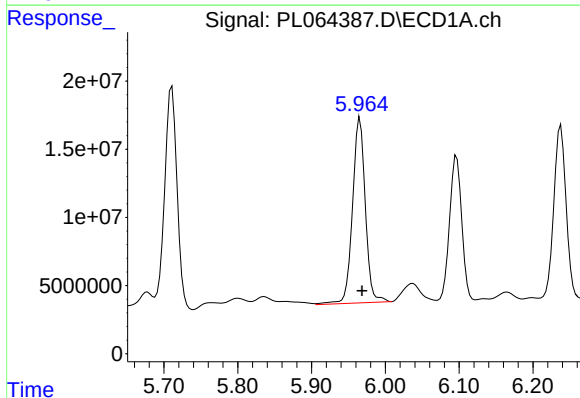
R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 178561246
Conc: 48.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



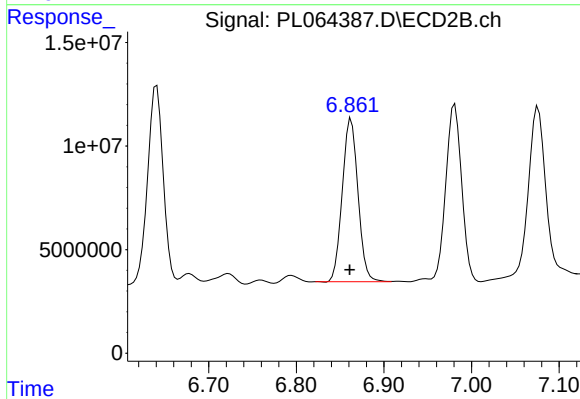
#13 Dieldrin

R.T.: 6.641 min
Delta R.T.: 0.002 min
Response: 124477519
Conc: 44.27 ng/ml



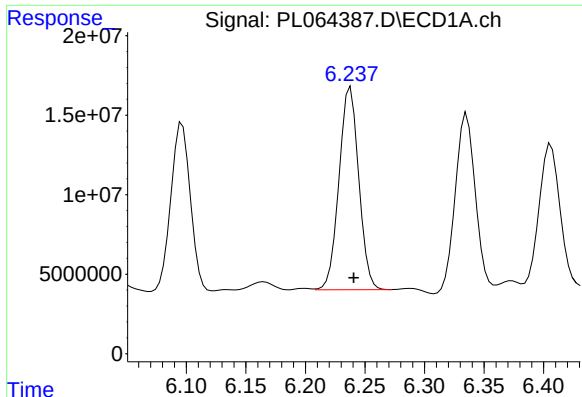
#14 Endrin

R.T.: 5.966 min
Delta R.T.: -0.003 min
Response: 164033155
Conc: 47.24 ng/ml



#14 Endrin

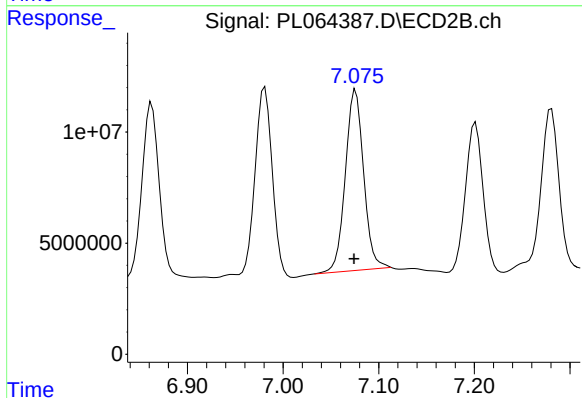
R.T.: 6.863 min
Delta R.T.: 0.002 min
Response: 98315347
Conc: 43.05 ng/ml



#15 Endosulfan II

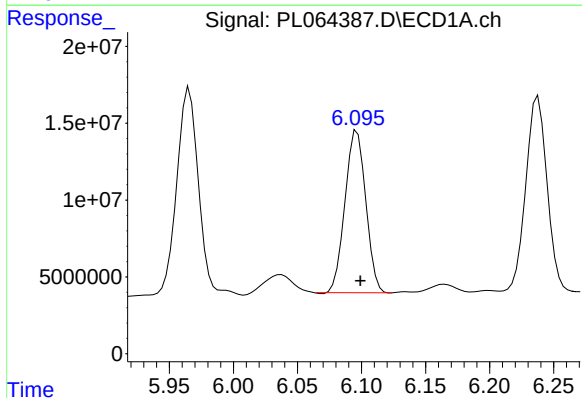
R.T.: 6.238 min
Delta R.T.: -0.003 min
Response: 146886656
Conc: 43.33 ng/ml

Instrument :
ECD_L
ClientSampleId :



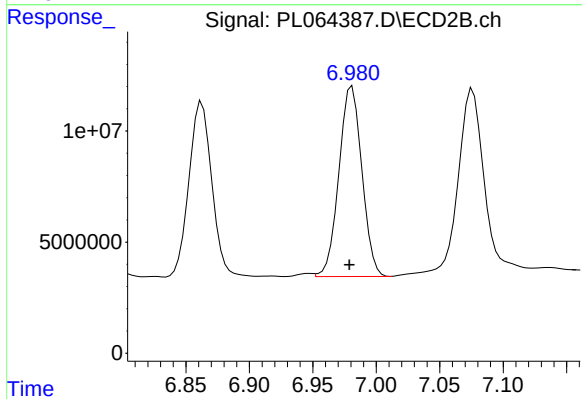
#15 Endosulfan II

R.T.: 7.076 min
Delta R.T.: 0.002 min
Response: 108879233
Conc: 43.10 ng/ml



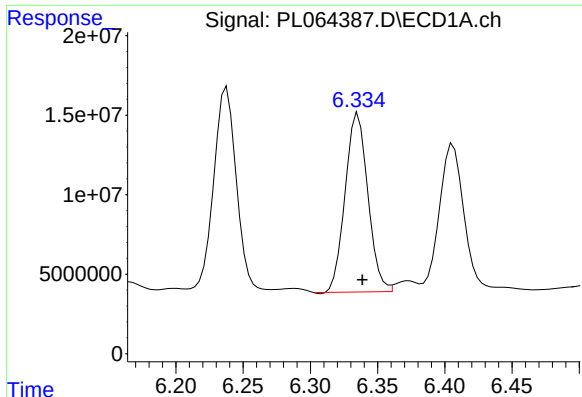
#16 4,4'-DDD

R.T.: 6.097 min
Delta R.T.: -0.003 min
Response: 119093454
Conc: 40.83 ng/ml



#16 4,4'-DDD

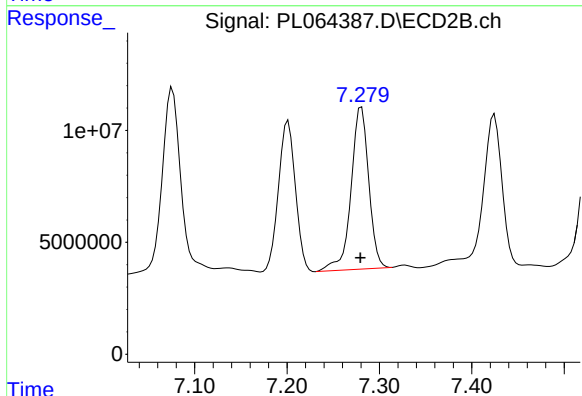
R.T.: 6.981 min
Delta R.T.: 0.002 min
Response: 107818883
Conc: 48.64 ng/ml



#17 4,4'-DDT

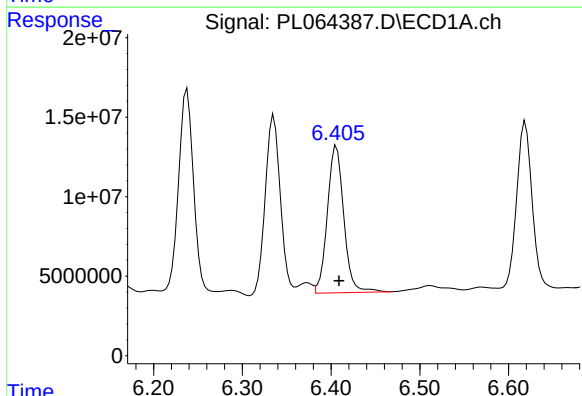
R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 132083616
Conc: 44.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



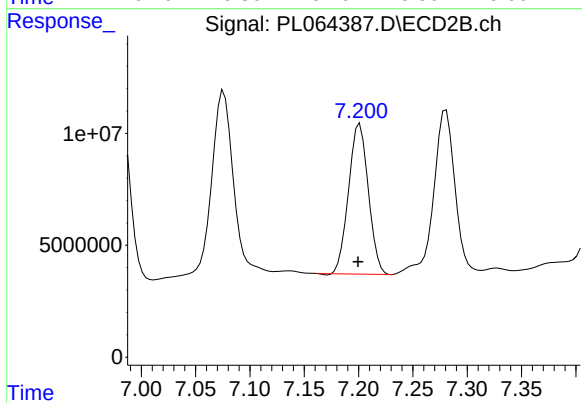
#17 4,4'-DDT

R.T.: 7.281 min
Delta R.T.: 0.001 min
Response: 96447083
Conc: 42.58 ng/ml



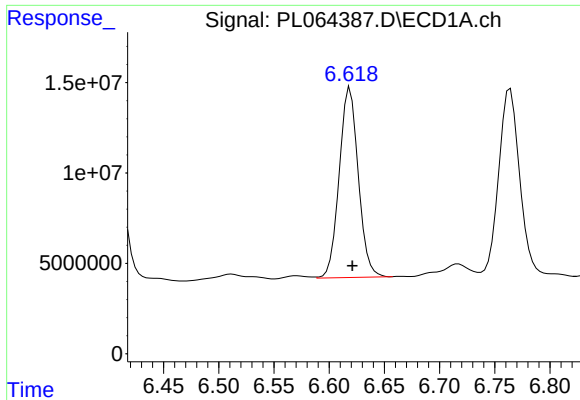
#18 Endrin aldehyde

R.T.: 6.406 min
Delta R.T.: -0.003 min
Response: 119083895
Conc: 41.51 ng/ml



#18 Endrin aldehyde

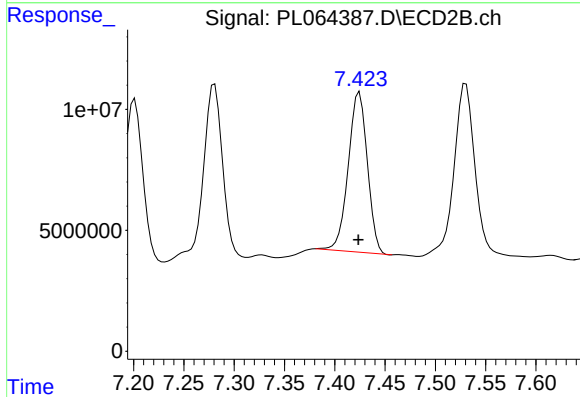
R.T.: 7.201 min
Delta R.T.: 0.002 min
Response: 84996211
Conc: 39.20 ng/ml



#19 Endosulfan Sulfate

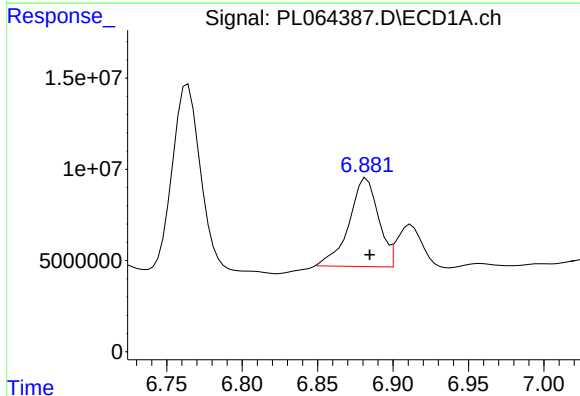
R.T.: 6.619 min
Delta R.T.: -0.002 min
Response: 126386455
Conc: 37.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



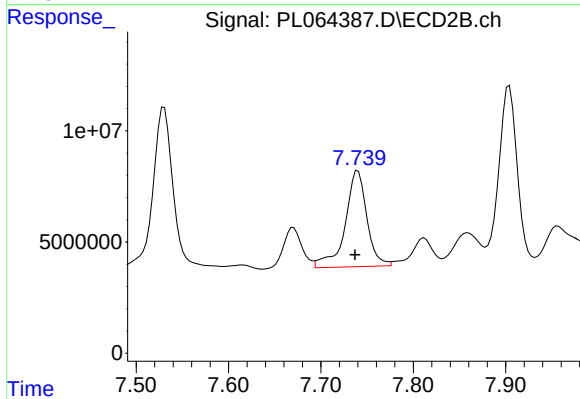
#19 Endosulfan Sulfate

R.T.: 7.425 min
Delta R.T.: 0.001 min
Response: 87457546
Conc: 35.41 ng/ml



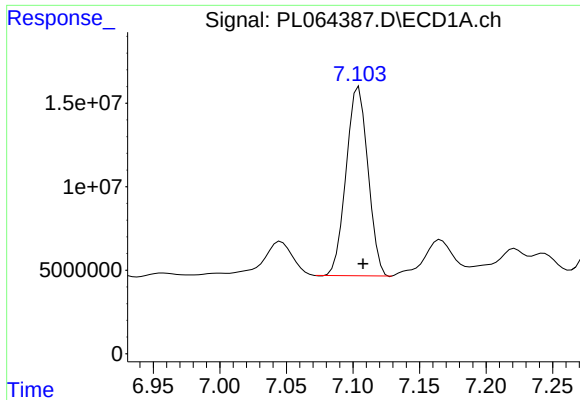
#20 Methoxychlor

R.T.: 6.883 min
Delta R.T.: -0.002 min
Response: 65747337
Conc: 39.34 ng/ml



#20 Methoxychlor

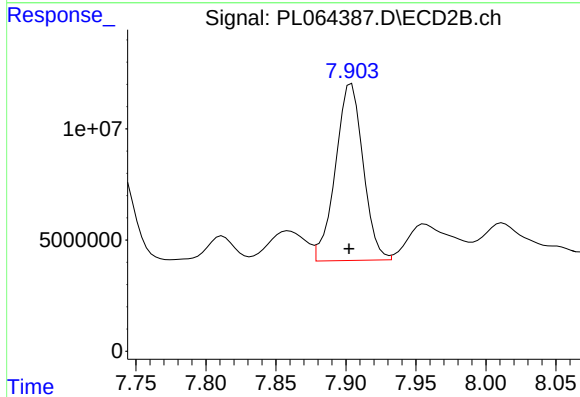
R.T.: 7.740 min
Delta R.T.: 0.003 min
Response: 70599739
Conc: 52.25 ng/ml



#21 Endrin ketone

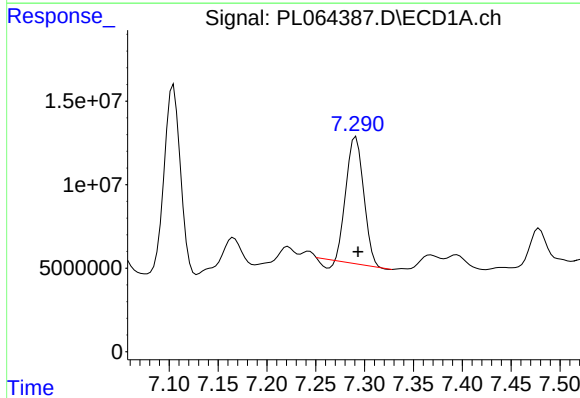
R.T.: 7.104 min
Delta R.T.: -0.003 min
Response: 129139530
Conc: 35.96 ng/ml

Instrument :
ECD_L
ClientSampleId :



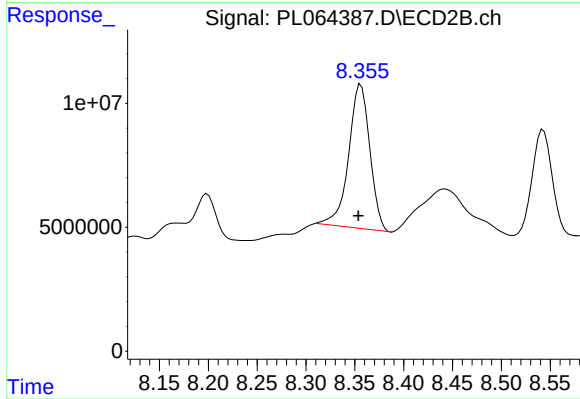
#21 Endrin ketone

R.T.: 7.904 min
Delta R.T.: 0.002 min
Response: 109395496
Conc: 43.86 ng/ml



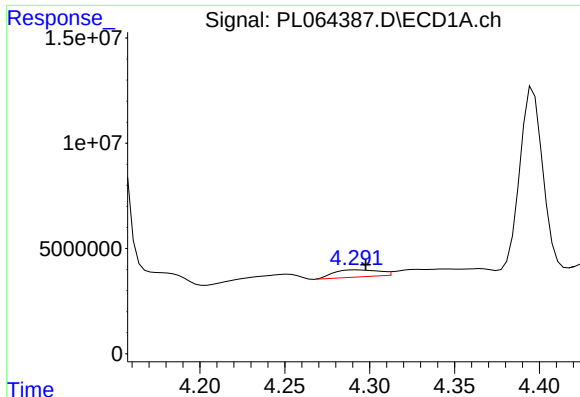
#22 Mirex

R.T.: 7.291 min
Delta R.T.: -0.002 min
Response: 93146255
Conc: 34.24 ng/ml



#22 Mirex

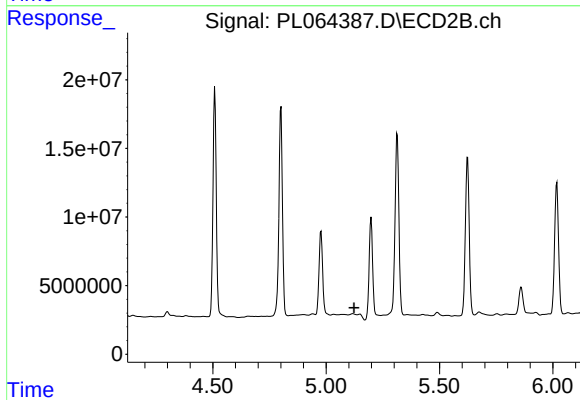
R.T.: 8.356 min
Delta R.T.: 0.002 min
Response: 87792947
Conc: 43.28 ng/ml



#23 Chlordane-1

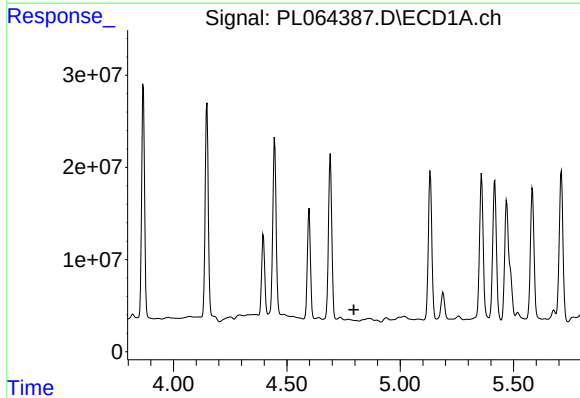
R.T.: 4.292 min
Delta R.T.: -0.006 min
Response: 6217216
Conc: 53.39 ng/ml

Instrument :
ECD_L
ClientSampleId :



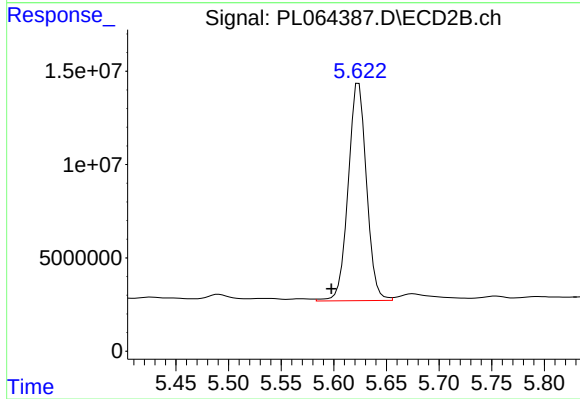
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.123 min
Response: 0
Conc: N.D.



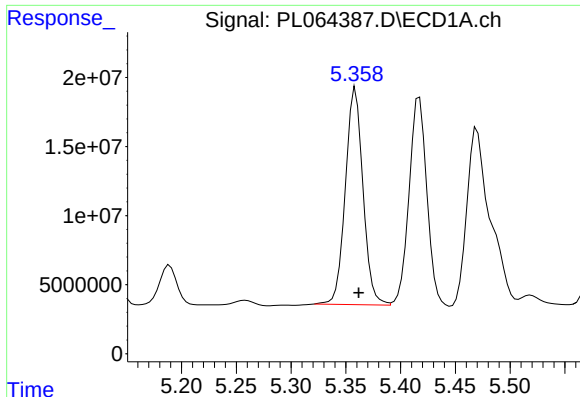
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.796 min
Response: 0
Conc: N.D.



#24 Chlordane-2

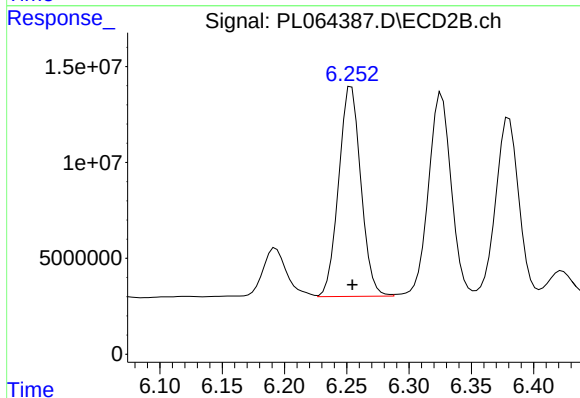
R.T.: 5.624 min
Delta R.T.: 0.026 min
Response: 141839073
Conc: 1118.79 ng/ml



#25 Chlordane-3

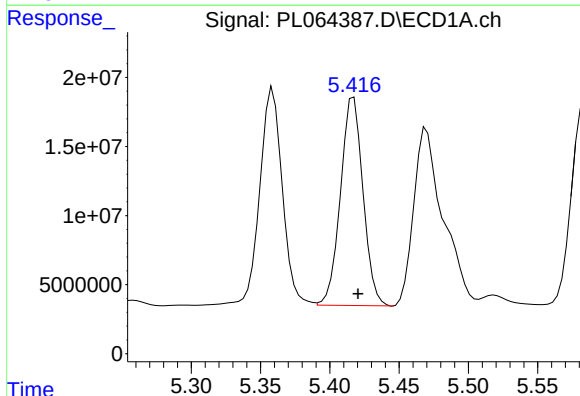
R.T.: 5.359 min
Delta R.T.: -0.003 min
Response: 175826862
Conc: 440.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



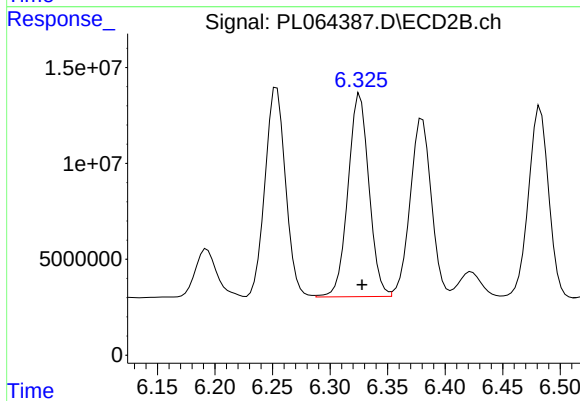
#25 Chlordane-3

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 136287120
Conc: 337.06 ng/ml



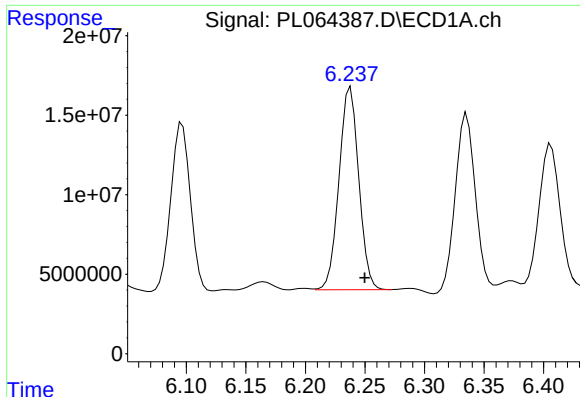
#26 Chlordane-4

R.T.: 5.417 min
Delta R.T.: -0.003 min
Response: 170709366
Conc: 518.83 ng/ml



#26 Chlordane-4

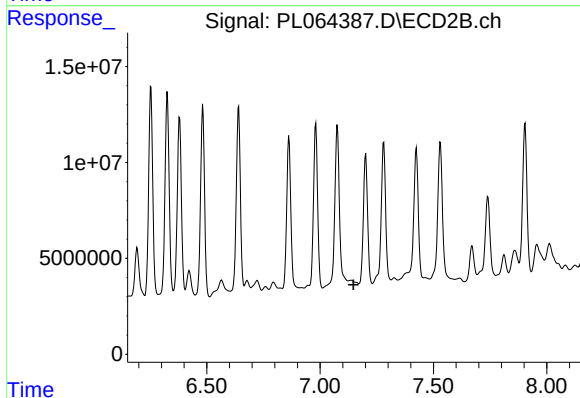
R.T.: 6.326 min
Delta R.T.: -0.002 min
Response: 134814779
Conc: 272.75 ng/ml



#27 Chlordane-5

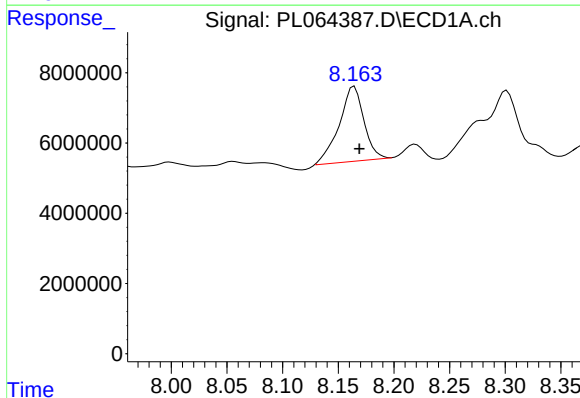
R.T.: 6.238 min
Delta R.T.: -0.012 min
Response: 146886656
Conc: 1048.19 ng/ml

Instrument :
ECD_L
ClientSampleId :



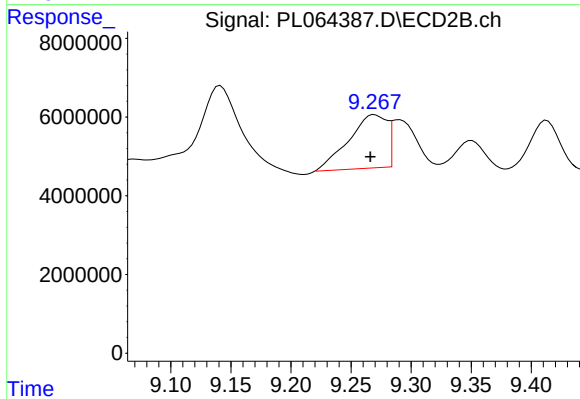
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.148 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.164 min
Delta R.T.: -0.004 min
Response: 32950642
Conc: 10.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.269 min
Delta R.T.: 0.003 min
Response: 29943514
Conc: 12.62 ng/ml