

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050421\
 Data File : PL066656.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2021 11:02
 Operator : AR\AJ
 Sample : M2234-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 S-1MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 12:50:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042621.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 28 08:49:49 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...	3.427	4.153	74788682	71590245	19.848	20.384
28)	SA Decachlor...	8.160	9.350	61620348	59760071	16.071	19.317
Target Compounds							
2)	A alpha-BHC	3.860	4.558	286.6E6	259.8E6	46.049	50.495
3)	MA gamma-BHC...	4.140	4.851	264.3E6	224.6E6	48.043	46.559
4)	MA Heptachlor	4.438	5.366	272.2E6	223.3E6	48.758	45.237
5)	MB Aldrin	4.682	5.678	247.0E6	203.3E6	47.350	43.480
6)	B beta-BHC	4.389	5.027	111.8E6	100.4E6	42.272	43.021
7)	B delta-BHC	4.589	5.250	269.7E6	212.8E6	47.402	48.048
8)	B Heptachlo...	5.121	6.074	233.1E6	162.4E6	47.607	43.885
9)	A Endosulfan I	5.456	6.438	218.6E6	160.1E6	47.380	42.030
10)	B gamma-Chl...	5.346	6.310	244.2E6	177.3E6	47.919	42.580
11)	B alpha-Chl...	5.404	6.382	234.5E6	180.9E6	47.621	43.611
12)	B 4,4'-DDE	5.571	6.539	407.2E6	312.3E6	89.234	82.303
13)	MA Dieldrin	5.697	6.699	222.7E6	165.6E6	45.912	42.290
14)	MA Endrin	5.951	6.922	215.7E6	142.0E6	49.506	45.316
15)	B Endosulfa...	6.223	7.135	182.6E6	135.5E6	44.263	41.028
16)	A 4,4'-DDD	6.084	7.038	192.7E6	158.8E6	50.729	50.970
17)	MA 4,4'-DDT	6.323	7.339	241.5E6	184.0E6	61.945	56.860
18)	B Endrin al...	6.390	7.261	144.3E6	112.6E6	42.591	40.249
19)	B Endosulfa...	6.604	7.485	191.3E6	137.4E6	44.264	40.163
20)	A Methoxychlor	6.873	7.799	97581322	68790792	49.678	38.350
21)	B Endrin ke...	7.089	7.966	180.5E6	132.7E6	41.198	37.391
22)	Mirex	7.275	8.421	137.5E6	107.6E6	37.441	38.589
23)	Chlordane-1	4.294	0.000	3247679	0	19.213	N.D. #
24)	Chlordane-2	0.000	5.678f	0	203.3E6	N.D.	1251.601 #
25)	Chlordane-3	5.346	6.310	244.2E6	177.3E6	490.684	316.230 #
26)	Chlordane-4	5.404	6.382	234.5E6	180.9E6	555.629	269.461 #
27)	Chlordane-5	6.223	7.184f	182.6E6	2312605	1084.581	19.694 #

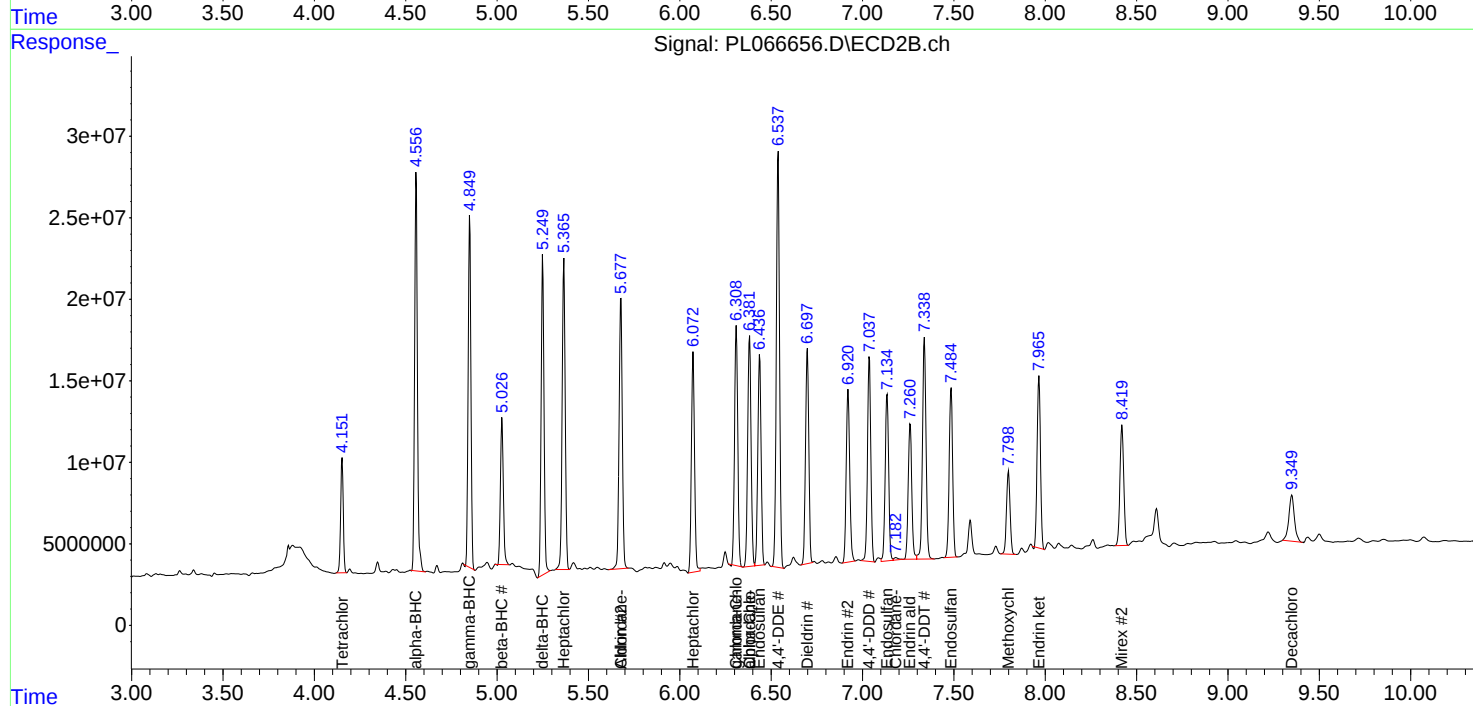
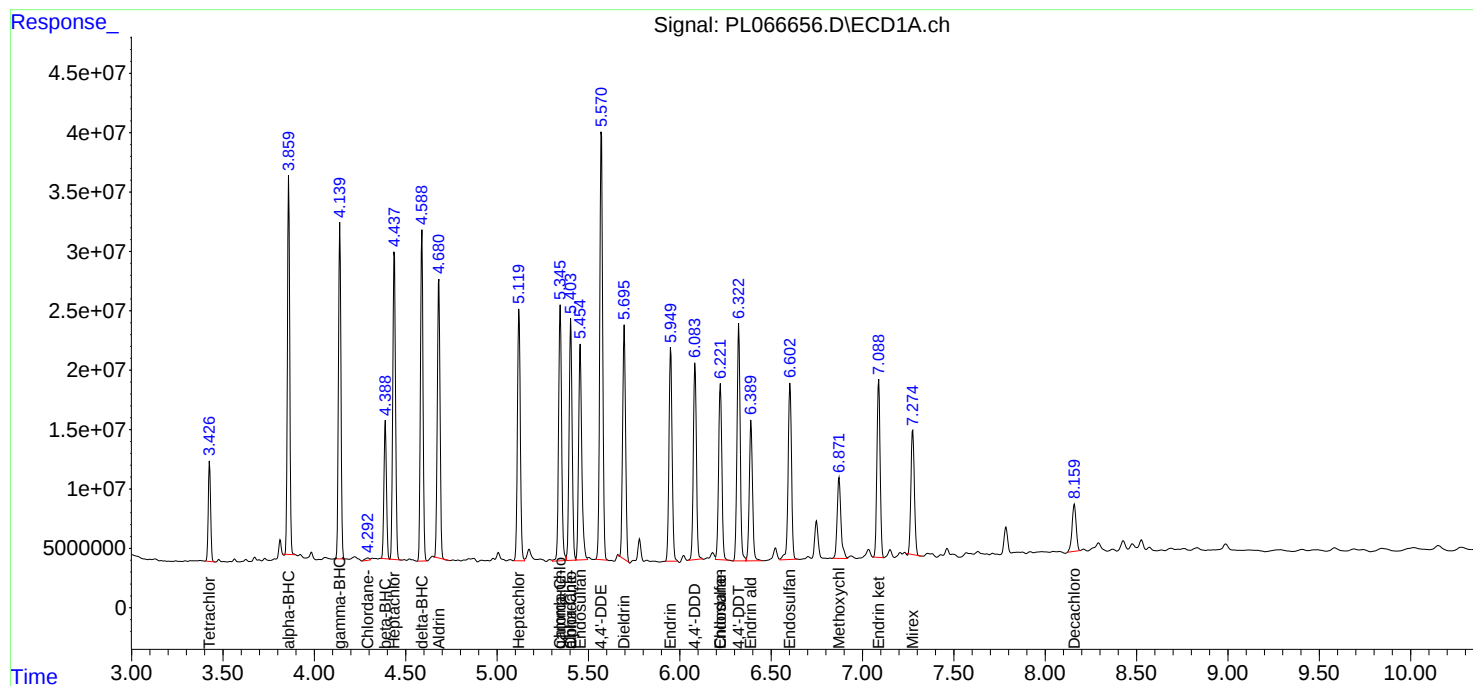
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

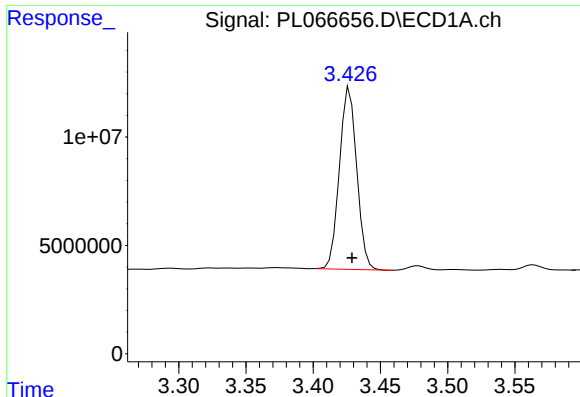
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050421\
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

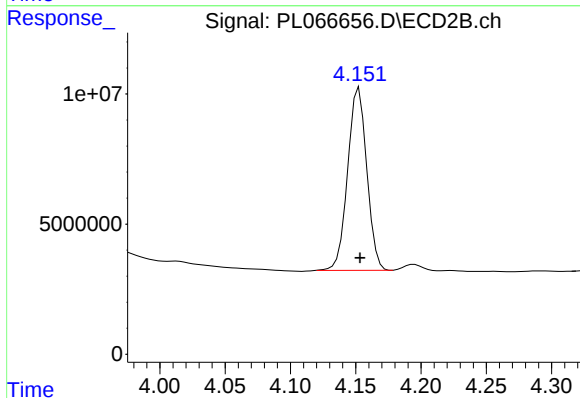




#1 Tetrachloro-m-xylene

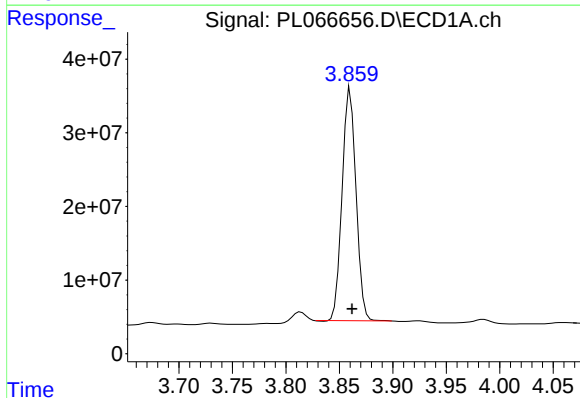
R.T.: 3.427 min
Delta R.T.: -0.002 min
Response: 74788682
Conc: 19.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MS



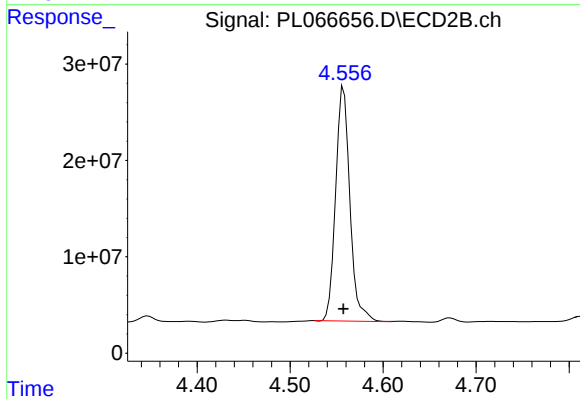
#1 Tetrachloro-m-xylene

R.T.: 4.153 min
Delta R.T.: 0.000 min
Response: 71590245
Conc: 20.38 ng/ml



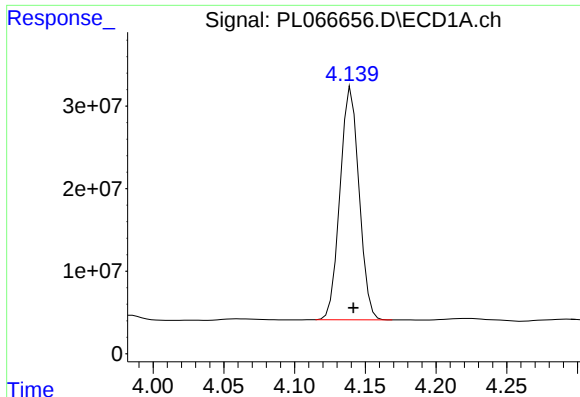
#2 alpha-BHC

R.T.: 3.860 min
Delta R.T.: -0.002 min
Response: 286564397
Conc: 46.05 ng/ml



#2 alpha-BHC

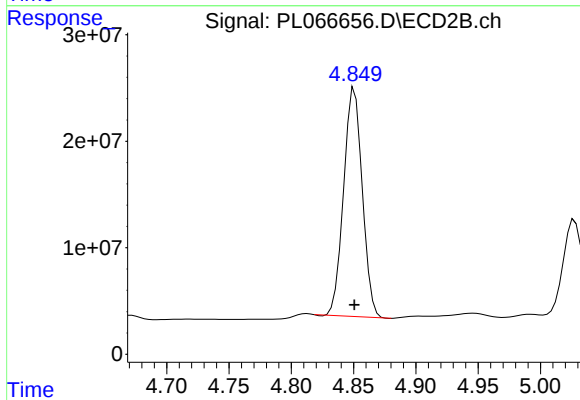
R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 259768796
Conc: 50.49 ng/ml



#3 gamma-BHC (Lindane)

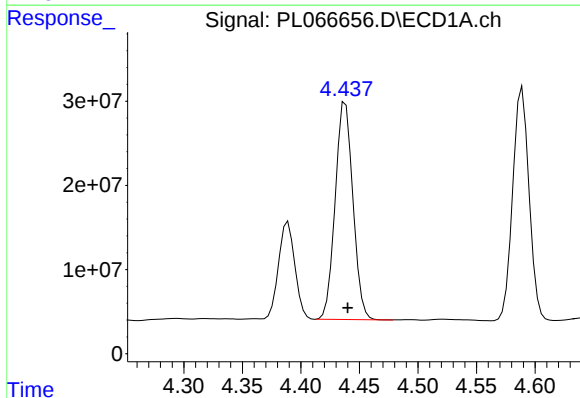
R.T.: 4.140 min
Delta R.T.: -0.001 min
Response: 264342956
Conc: 48.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MS



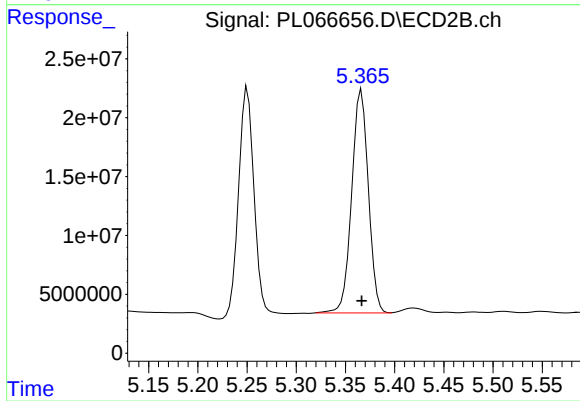
#3 gamma-BHC (Lindane)

R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 224606469
Conc: 46.56 ng/ml



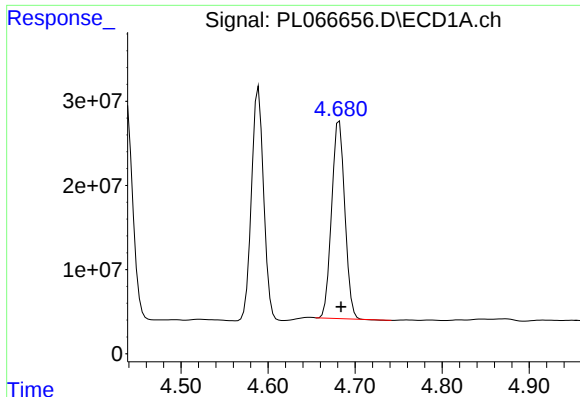
#4 Heptachlor

R.T.: 4.438 min
Delta R.T.: -0.002 min
Response: 272228652
Conc: 48.76 ng/ml



#4 Heptachlor

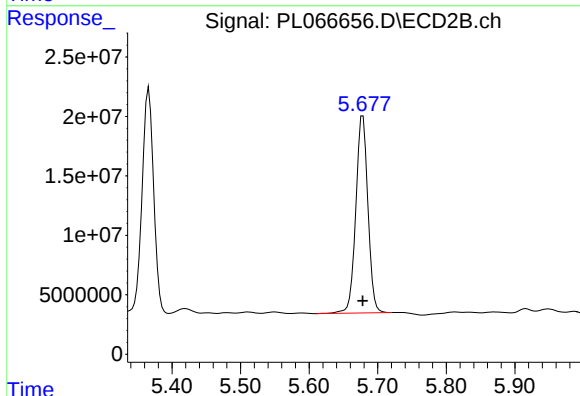
R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 223332723
Conc: 45.24 ng/ml



#5 Aldrin

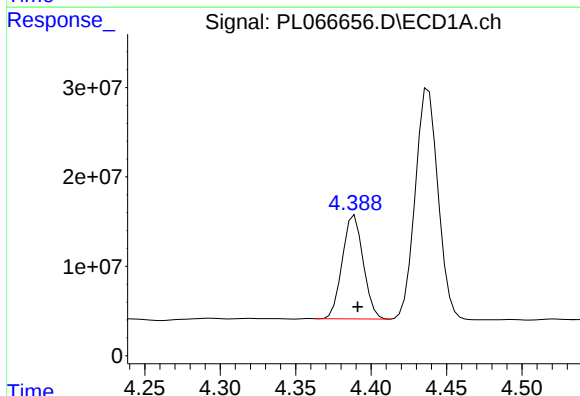
R.T.: 4.682 min
Delta R.T.: -0.002 min
Response: 246958289
Conc: 47.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MS



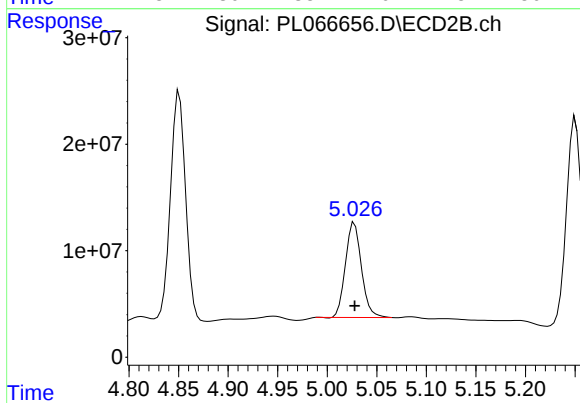
#5 Aldrin

R.T.: 5.678 min
Delta R.T.: 0.000 min
Response: 203274078
Conc: 43.48 ng/ml



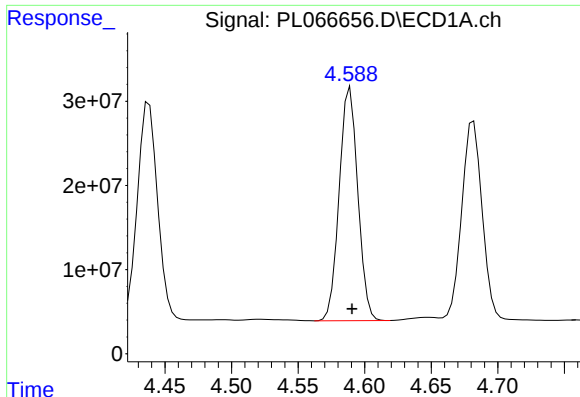
#6 beta-BHC

R.T.: 4.389 min
Delta R.T.: -0.002 min
Response: 111823063
Conc: 42.27 ng/ml



#6 beta-BHC

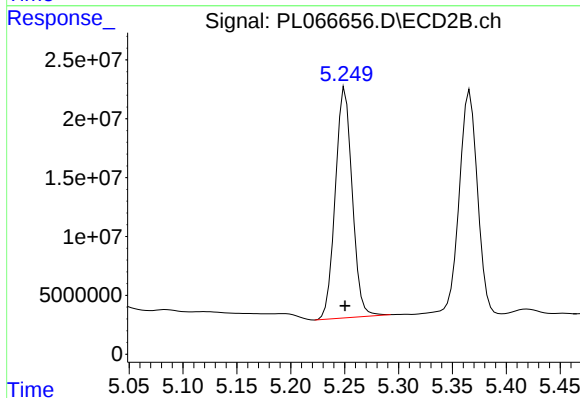
R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 100370323
Conc: 43.02 ng/ml



#7 delta-BHC

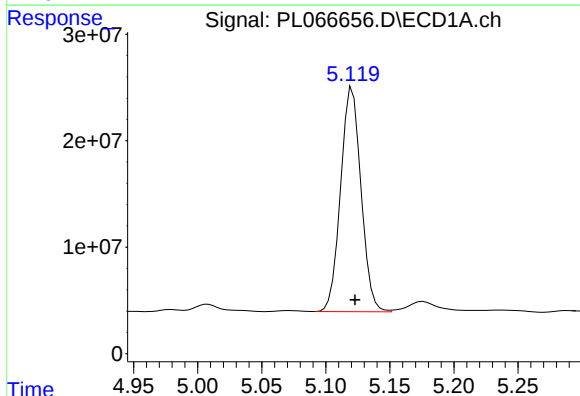
R.T.: 4.589 min
Delta R.T.: -0.001 min
Response: 269677608
Conc: 47.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MS



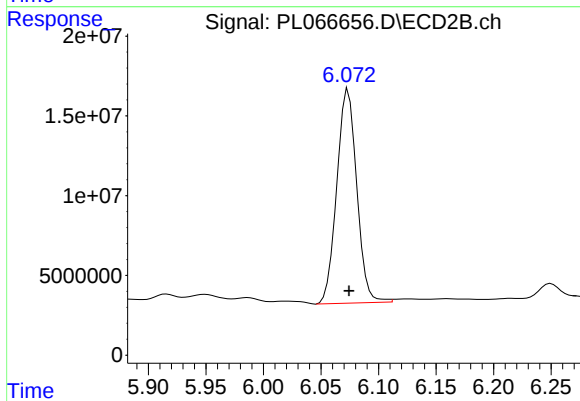
#7 delta-BHC

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 212846879
Conc: 48.05 ng/ml



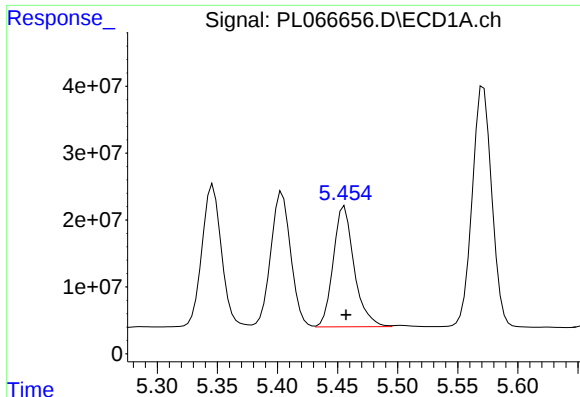
#8 Heptachlor epoxide

R.T.: 5.121 min
Delta R.T.: -0.002 min
Response: 233140857
Conc: 47.61 ng/ml



#8 Heptachlor epoxide

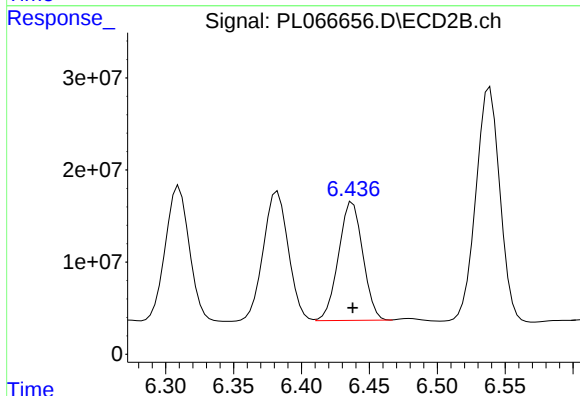
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 162360012
Conc: 43.89 ng/ml



#9 Endosulfan I

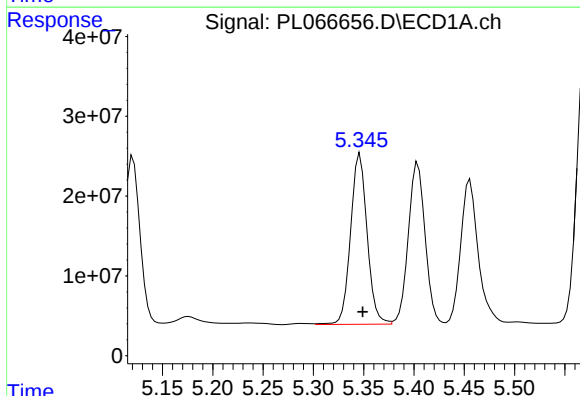
R.T.: 5.456 min
Delta R.T.: -0.001 min
Response: 218599882
Conc: 47.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MS



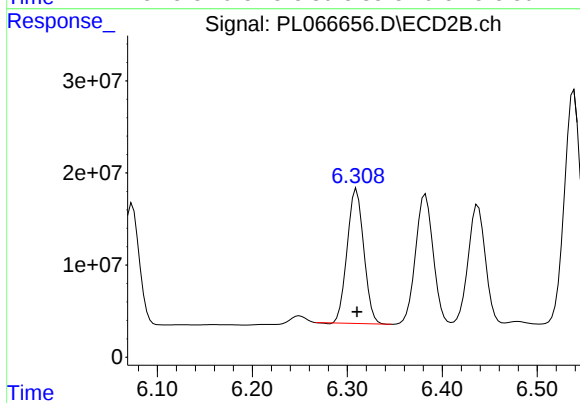
#9 Endosulfan I

R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 160056314
Conc: 42.03 ng/ml



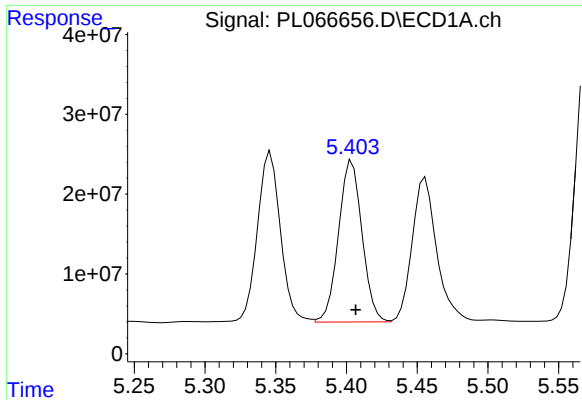
#10 gamma-Chlordane

R.T.: 5.346 min
Delta R.T.: -0.002 min
Response: 244187762
Conc: 47.92 ng/ml



#10 gamma-Chlordane

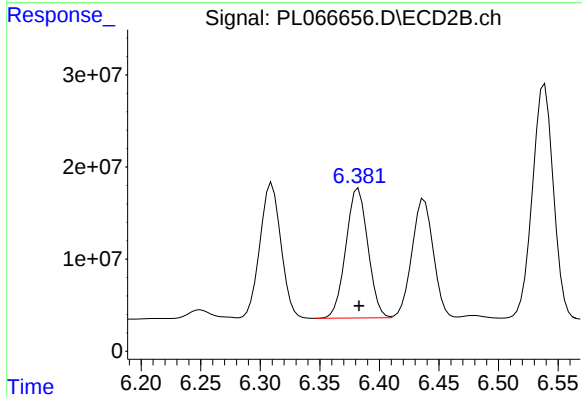
R.T.: 6.310 min
Delta R.T.: 0.000 min
Response: 177253024
Conc: 42.58 ng/ml



#11 alpha-Chlordane

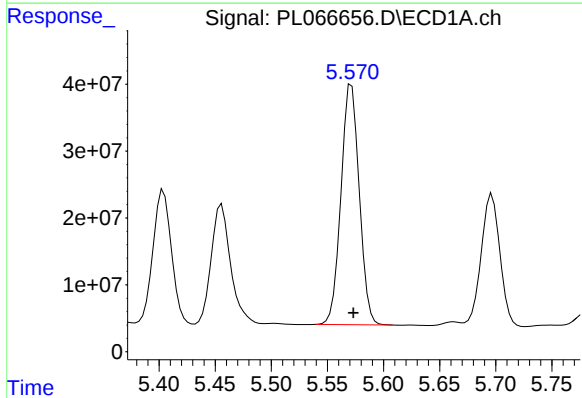
R.T.: 5.404 min
Delta R.T.: -0.003 min
Response: 234479702
Conc: 47.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MS



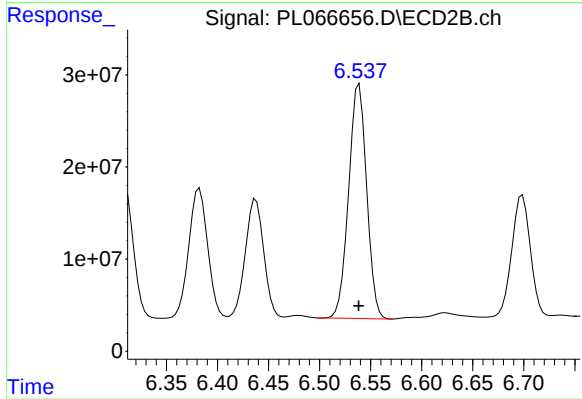
#11 alpha-Chlordane

R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 180910930
Conc: 43.61 ng/ml



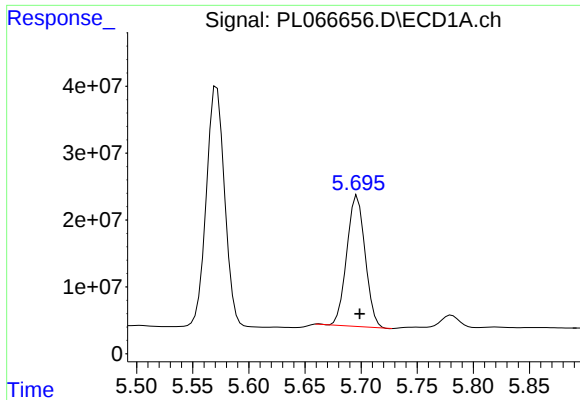
#12 4,4'-DDE

R.T.: 5.571 min
Delta R.T.: -0.002 min
Response: 407167398
Conc: 89.23 ng/ml



#12 4,4'-DDE

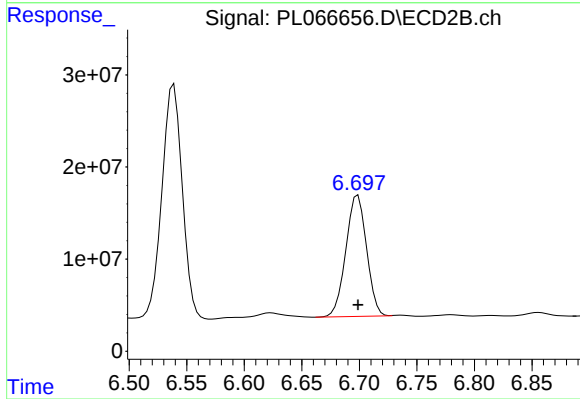
R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 312276077
Conc: 82.30 ng/ml



#13 Dieldrin

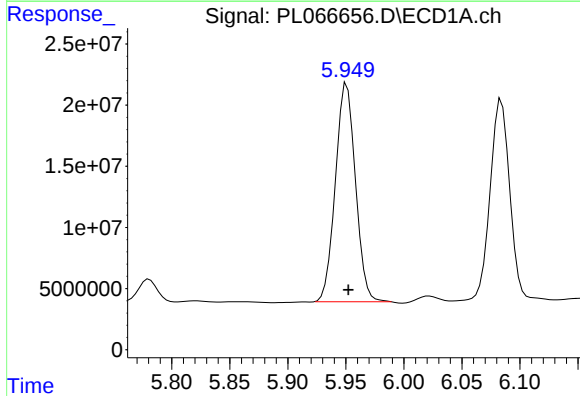
R.T.: 5.697 min
Delta R.T.: -0.002 min
Response: 222744512
Conc: 45.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MS



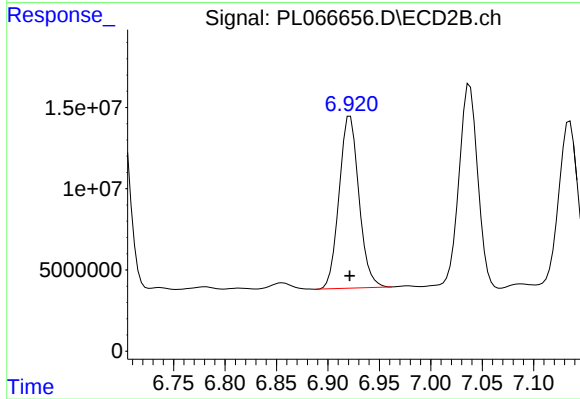
#13 Dieldrin

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 165573248
Conc: 42.29 ng/ml



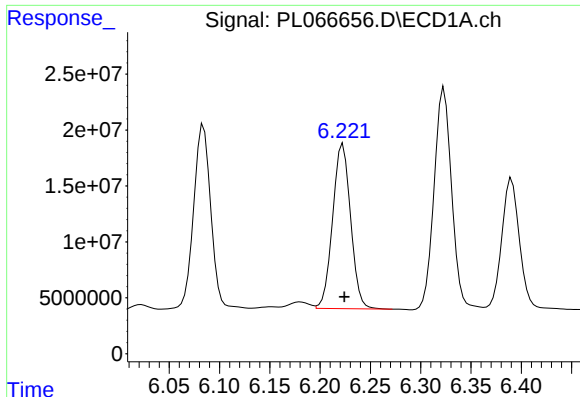
#14 Endrin

R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 215653272
Conc: 49.51 ng/ml



#14 Endrin

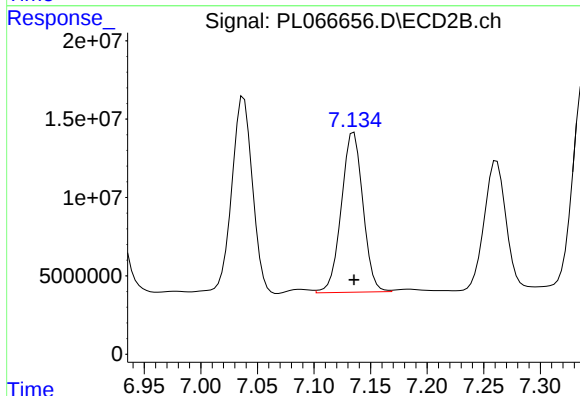
R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 142006814
Conc: 45.32 ng/ml



#15 Endosulfan II

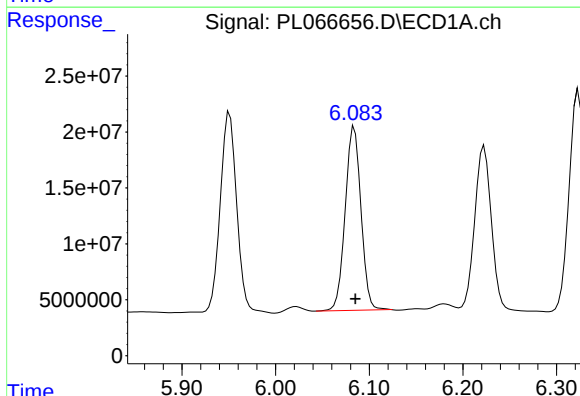
R.T.: 6.223 min
Delta R.T.: -0.001 min
Response: 182640319
Conc: 44.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MS



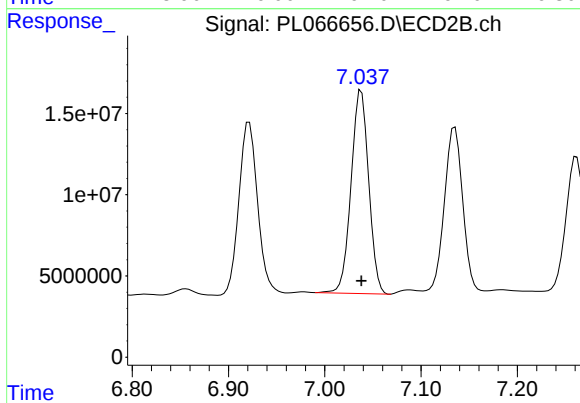
#15 Endosulfan II

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 135507073
Conc: 41.03 ng/ml



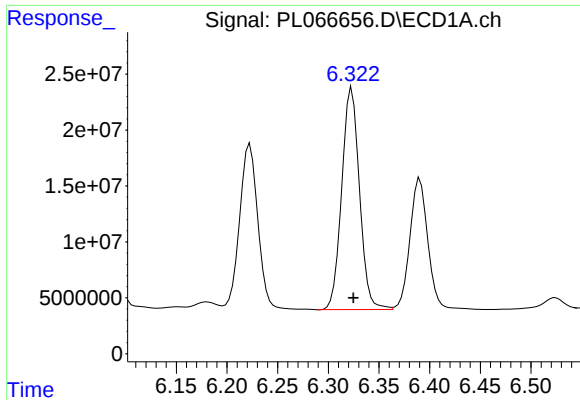
#16 4,4'-DDD

R.T.: 6.084 min
Delta R.T.: -0.001 min
Response: 192676684
Conc: 50.73 ng/ml



#16 4,4'-DDD

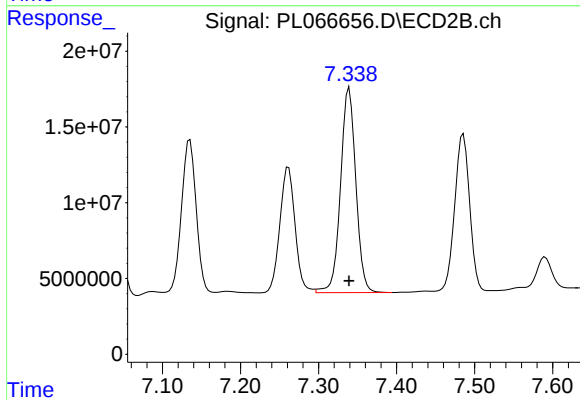
R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 158763550
Conc: 50.97 ng/ml



#17 4,4'-DDT

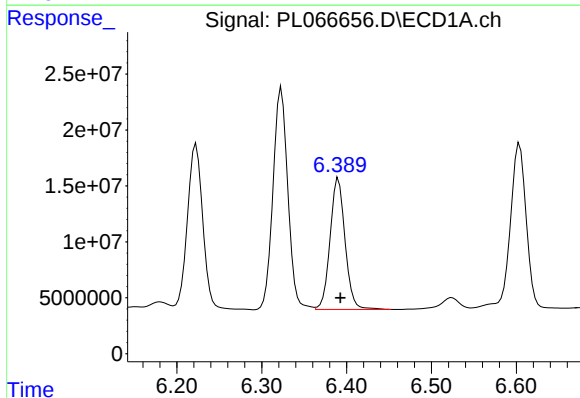
R.T.: 6.323 min
Delta R.T.: -0.002 min
Response: 241534523
Conc: 61.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MS



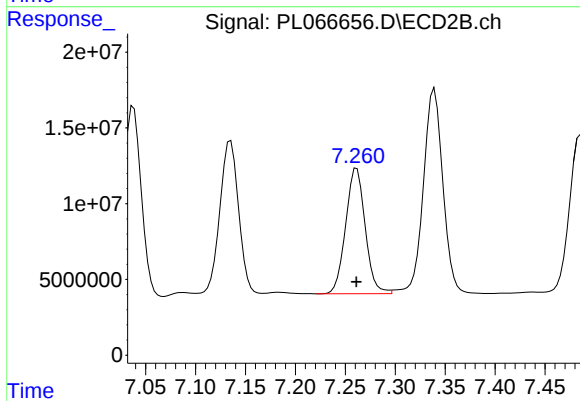
#17 4,4'-DDT

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 184033582
Conc: 56.86 ng/ml



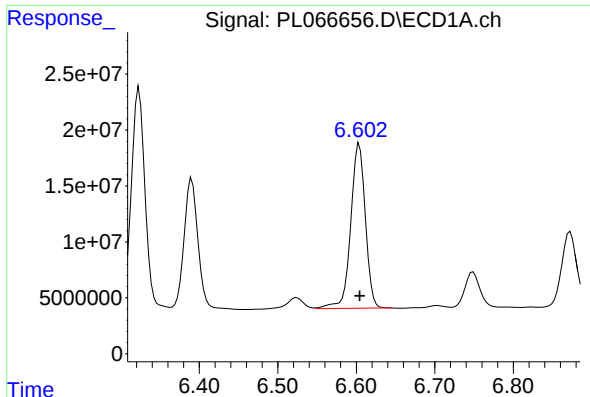
#18 Endrin aldehyde

R.T.: 6.390 min
Delta R.T.: -0.002 min
Response: 144298846
Conc: 42.59 ng/ml



#18 Endrin aldehyde

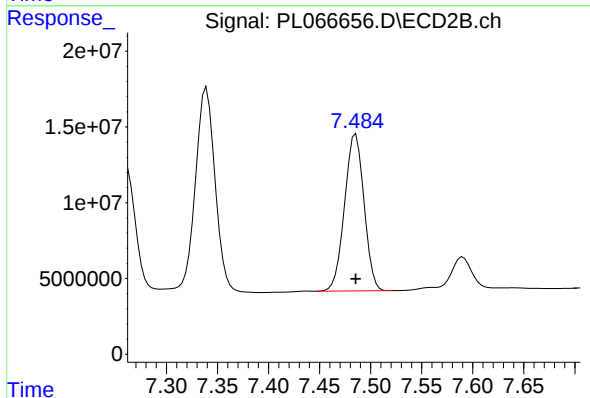
R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 112578837
Conc: 40.25 ng/ml



#19 Endosulfan Sulfate

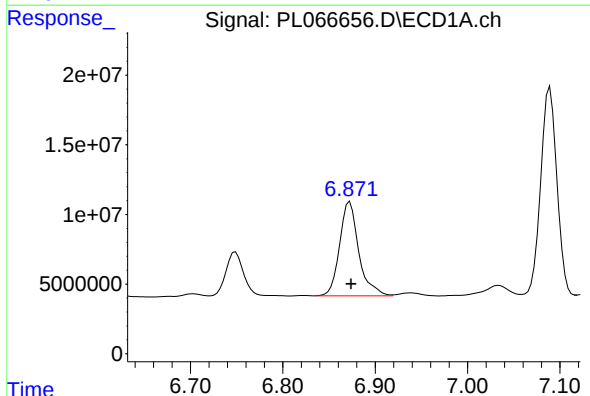
R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 191289160
Conc: 44.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MS



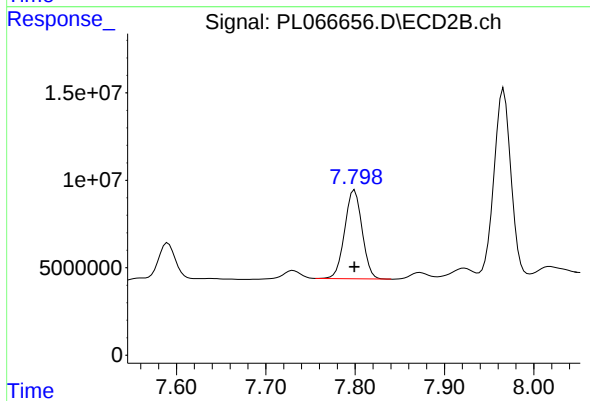
#19 Endosulfan Sulfate

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 137380261
Conc: 40.16 ng/ml



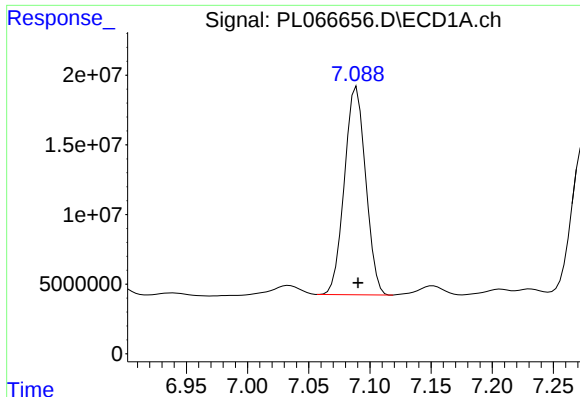
#20 Methoxychlor

R.T.: 6.873 min
Delta R.T.: -0.001 min
Response: 97581322
Conc: 49.68 ng/ml



#20 Methoxychlor

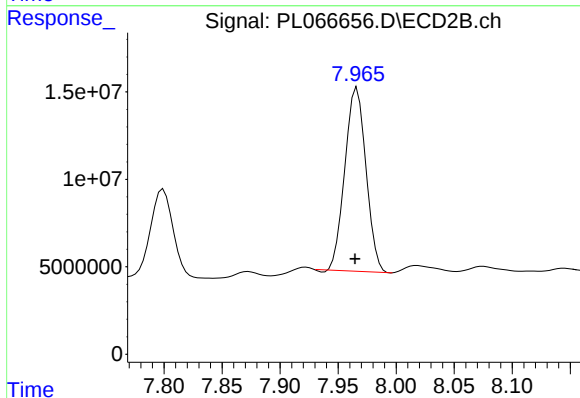
R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 68790792
Conc: 38.35 ng/ml



#21 Endrin ketone

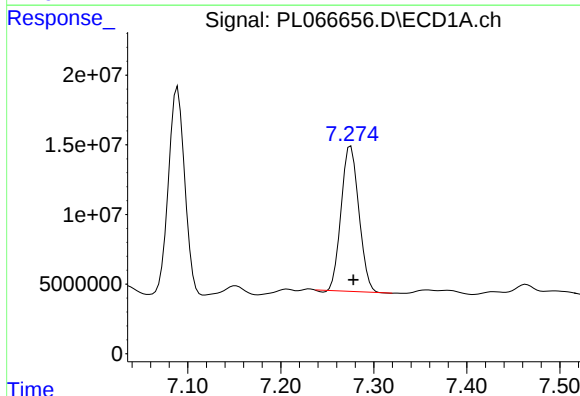
R.T.: 7.089 min
Delta R.T.: -0.001 min
Response: 180495112
Conc: 41.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MS



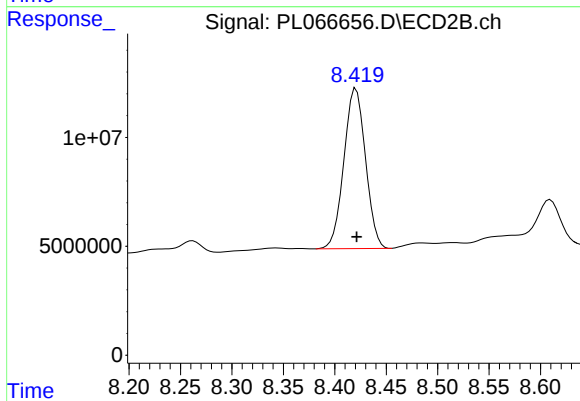
#21 Endrin ketone

R.T.: 7.966 min
Delta R.T.: 0.002 min
Response: 132710227
Conc: 37.39 ng/ml



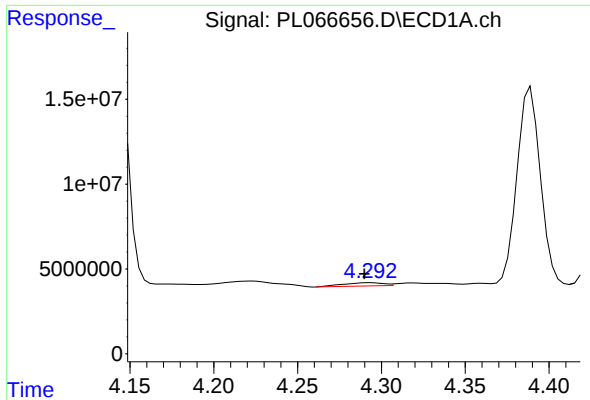
#22 Mirex

R.T.: 7.275 min
Delta R.T.: -0.003 min
Response: 137532305
Conc: 37.44 ng/ml



#22 Mirex

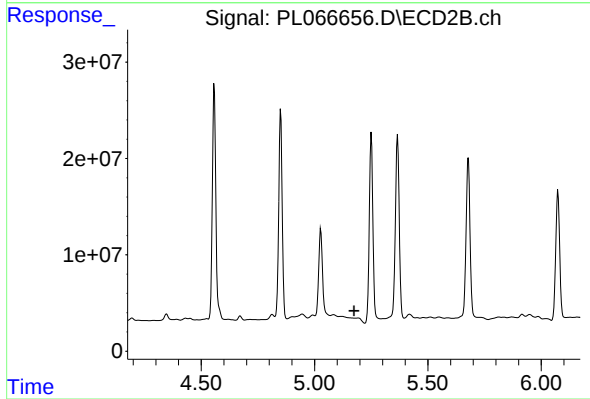
R.T.: 8.421 min
Delta R.T.: 0.000 min
Response: 107649682
Conc: 38.59 ng/ml



#23 Chlordane-1

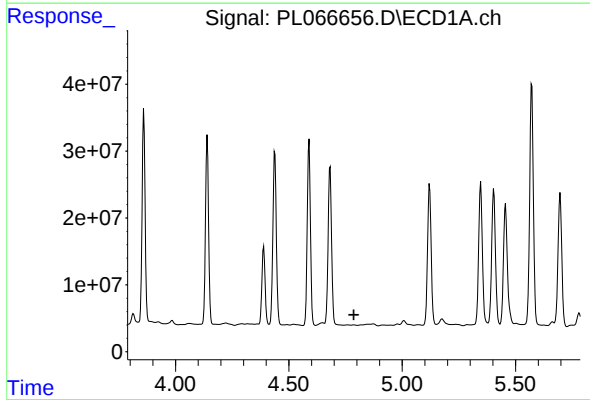
R.T.: 4.294 min
Delta R.T.: 0.004 min
Response: 3247679
Conc: 19.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MS



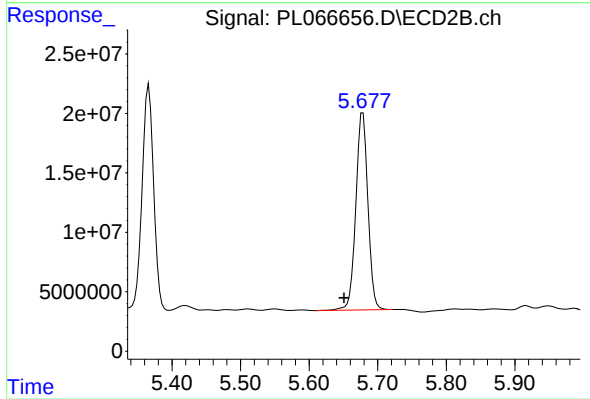
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.174 min
Response: 0
Conc: N.D.



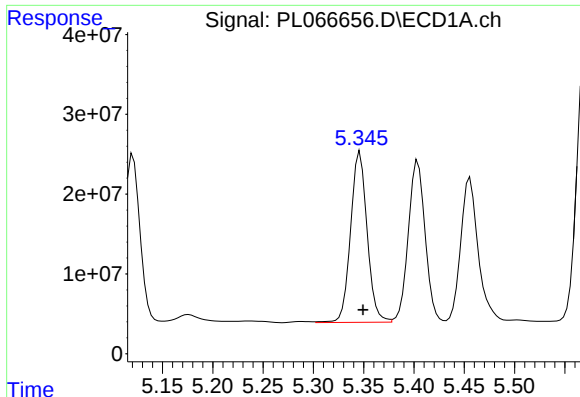
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.786 min
Response: 0
Conc: N.D.



#24 Chlordane-2

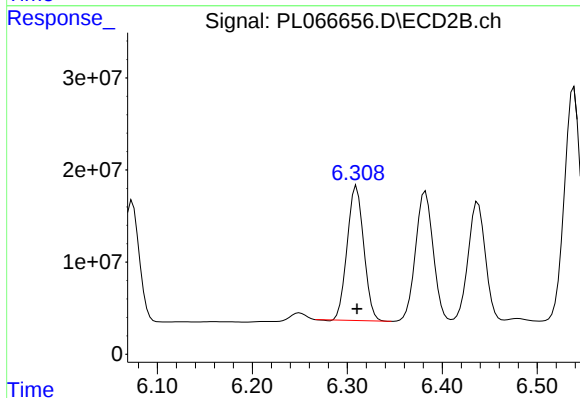
R.T.: 5.678 min
Delta R.T.: 0.027 min
Response: 203274078
Conc: 1251.60 ng/ml



#25 Chlordane-3

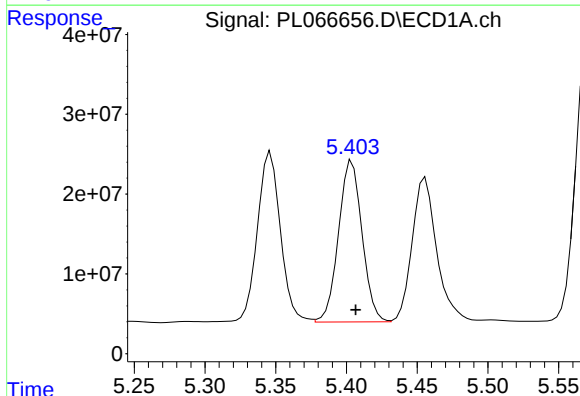
R.T.: 5.346 min
Delta R.T.: -0.003 min
Response: 244187762
Conc: 490.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MS



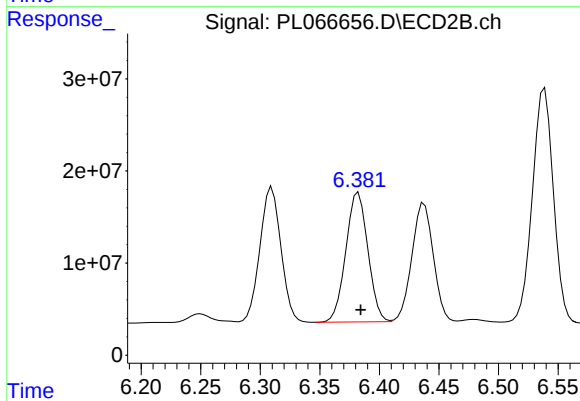
#25 Chlordane-3

R.T.: 6.310 min
Delta R.T.: 0.000 min
Response: 177253024
Conc: 316.23 ng/ml



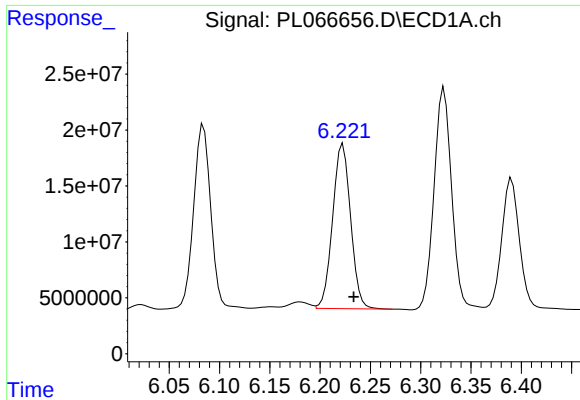
#26 Chlordane-4

R.T.: 5.404 min
Delta R.T.: -0.003 min
Response: 234479702
Conc: 555.63 ng/ml



#26 Chlordane-4

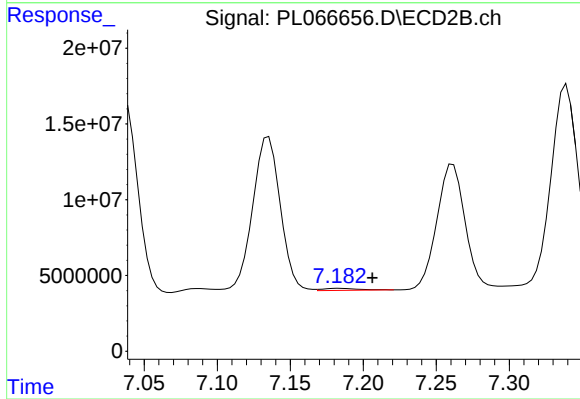
R.T.: 6.382 min
Delta R.T.: -0.002 min
Response: 180910930
Conc: 269.46 ng/ml



#27 Chlordane-5

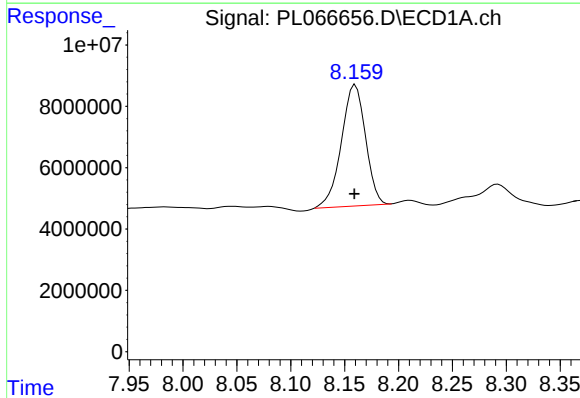
R.T.: 6.223 min
Delta R.T.: -0.011 min
Response: 182640319
Conc: 1084.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MS



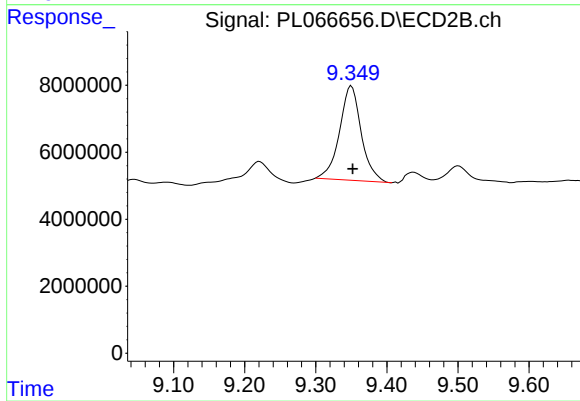
#27 Chlordane-5

R.T.: 7.184 min
Delta R.T.: -0.023 min
Response: 2312605
Conc: 19.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.160 min
Delta R.T.: 0.000 min
Response: 61620348
Conc: 16.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.350 min
Delta R.T.: -0.002 min
Response: 59760071
Conc: 19.32 ng/ml