

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111021\
 Data File : PD066849.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2021 17:56
 Operator : AR\AJ
 Sample : M4419-08MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 02:09:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102721CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 16:50:52 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 x 0.50µm

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

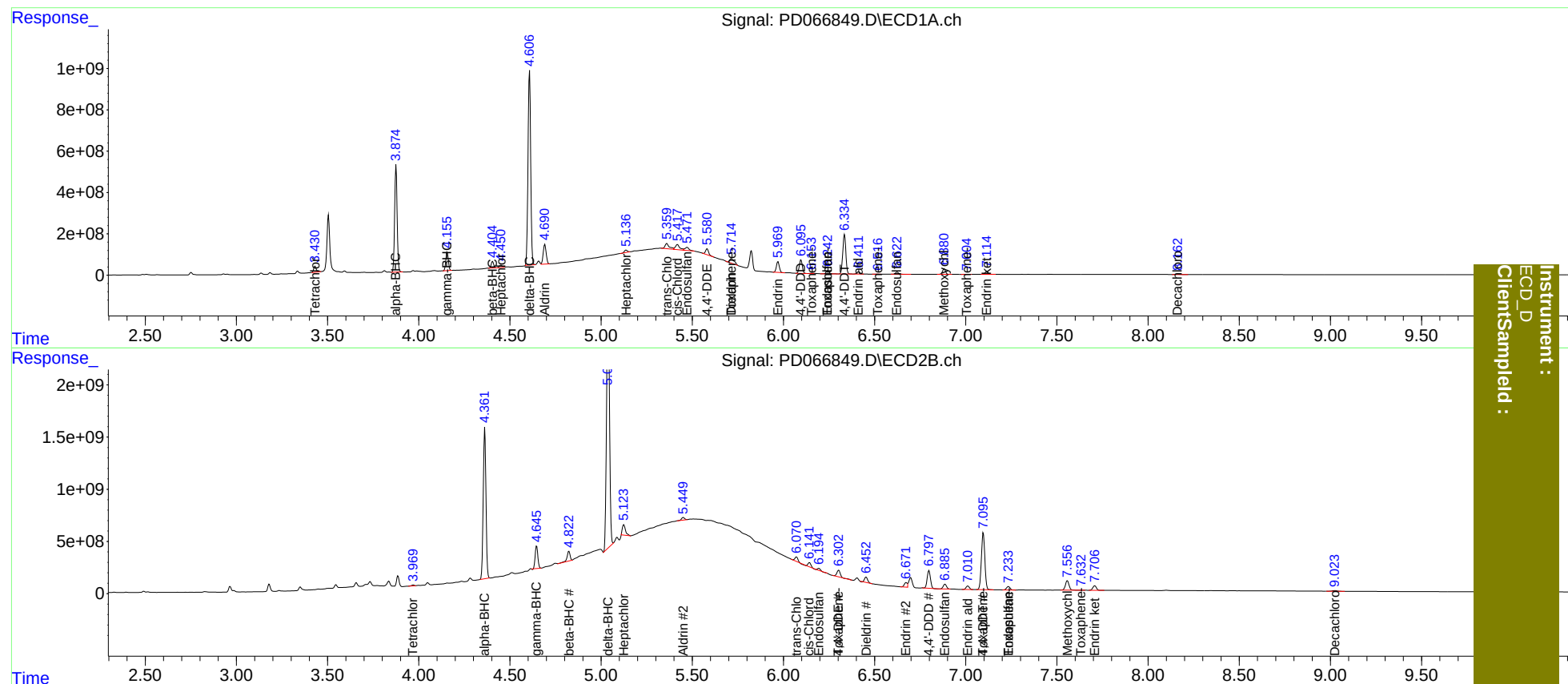
System Monitoring Compounds							
1)	SA Tetrachlo...	3.431	3.970	292.5E6	86858933	151.306	10.029 #
27)	SA Decachlor...	8.163	9.024	19695491	114.6E6	16.810	21.974 #
Target Compounds							
2)	A alpha-BHC	3.875	4.362	4881.5E6	11489.5E6	1667.713	1050.791 #
3)	MA gamma-BHC...	4.156	4.647	868.7E6	2180.0E6	313.766	215.725 #
4)	MA Heptachlor	4.451	5.125	118.4E6	1208.8E6	41.611	123.323 #
5)	MB Aldrin	4.691	5.451	1082.2E6	293.2E6	375.866	31.119 #
6)	B beta-BHC	4.405	4.824	297.8E6	1036.6E6	237.125	210.386
7)	B delta-BHC	4.608	5.040	9578.7E6	16536.2E6	3613.822	1671.496 #
8)	B Heptachlo...	5.137	0.000	119.2E6	0	46.901	N.D. #
9)	A Endosulfan I	5.472	6.194	229.6E6	96611835	100.148	12.347 #
10)	B trans-Chl...	5.360	6.072	405.7E6	505.5E6	156.951	58.706 #
11)	B cis-Chlor...	5.419	6.143	414.3E6	474.2E6	162.613	55.265 #
12)	B 4,4'-DDE	5.582	6.303	312.5E6	785.5E6	136.811	103.159
13)	MA Dieldrin	5.715	6.454	358.1E6	565.0E6	143.507	70.819 #
14)	MA Endrin	5.970	6.673	587.4E6	486.1E6	277.634	71.634 #
15)	B Endosulfa...	6.243	6.886	187.7E6	586.1E6	90.416	81.734
16)	A 4,4'-DDD	6.096	6.798	745.5E6	2091.9E6	411.855	324.022
17)	MA 4,4'-DDT	6.335	7.096	2233.4E6	7126.4E6	1181.237	1078.750
18)	B Endrin al...	6.413	7.012	126.8E6	431.6E6	87.010	81.121
19)	B Endosulfa...	6.623	7.234	119.5E6	439.8E6	65.519	63.823
20)	A Methoxychlor	6.882	7.557	308.7E6	1247.2E6	329.403	385.925
21)	B Endrin ke...	7.116	7.708	167.9E6	597.0E6	81.465	76.167
22)	Toxaphene-1	5.715	6.303	358.1E6	785.5E6	22769.187	19433.408
23)	Toxaphene-2	6.154	0.000	10945406	0	680.769	N.D. #
24)	Toxaphene-3	6.243	7.096	187.7E6	7126.4E6	5047.226	62627.059 #
25)	Toxaphene-4	6.518	7.234	2841680	439.8E6	73.372	3891.061 #
26)	Toxaphene-5	7.005	7.634	4160952	8259208	106.674	96.989

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

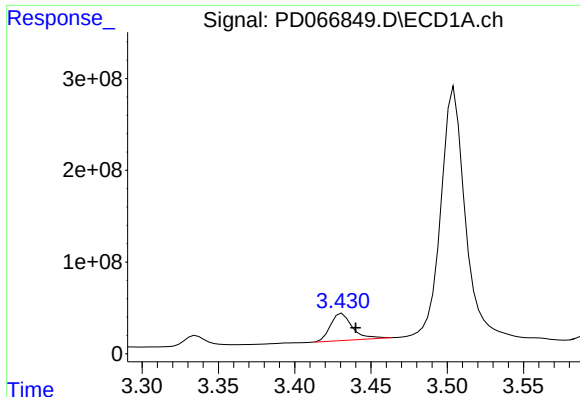
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111021\
Data File : PD066849.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Nov 2021 17:56
Operator : AR\AJ
Sample : M4419-08MSD
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ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: autoint1.e
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Quant Time: Nov 11 02:09:21 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102721CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 27 16:50:52 2021
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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 x 0.50µm



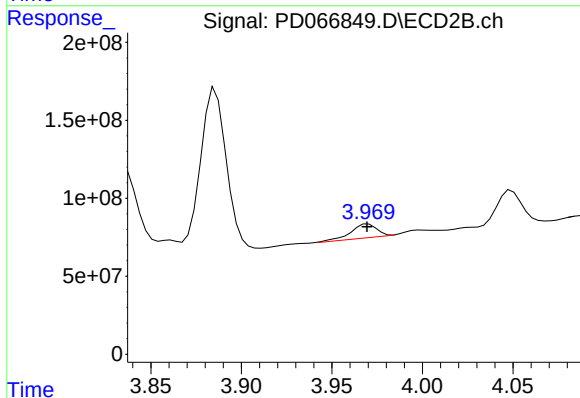
Instrument :
ECD_D
ClientSampled :



#1 Tetrachloro-m-xylene

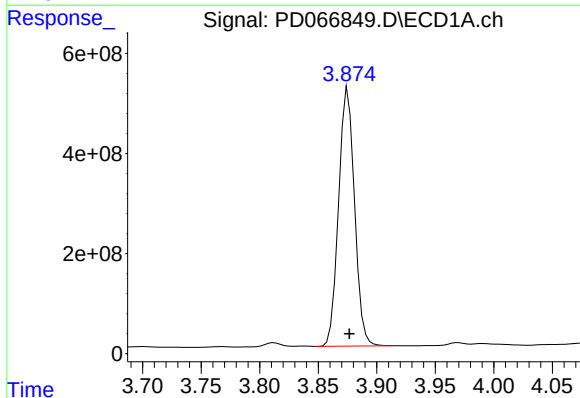
R.T.: 3.431 min
Delta R.T.: -0.009 min
Response: 292485482
Conc: 151.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



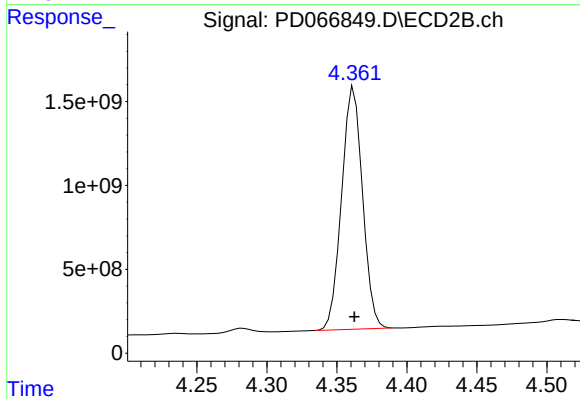
#1 Tetrachloro-m-xylene

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 86858933
Conc: 10.03 ng/ml



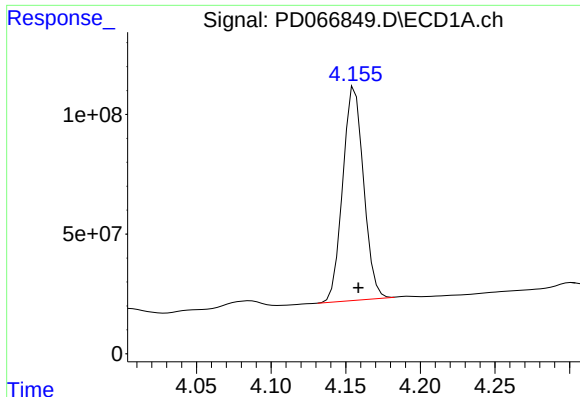
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: -0.001 min
Response: 4881480098
Conc: 1667.71 ng/ml



#2 alpha-BHC

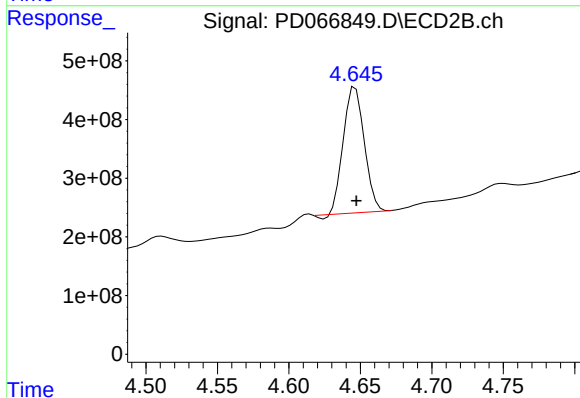
R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 11489490539
Conc: 1050.79 ng/ml



#3 gamma-BHC (Lindane)

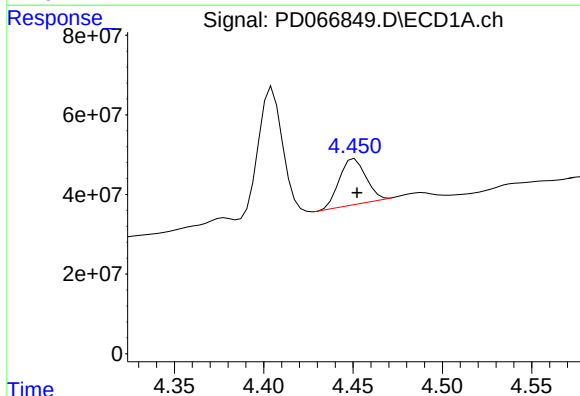
R.T.: 4.156 min
Delta R.T.: -0.002 min
Response: 868697637
Conc: 313.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



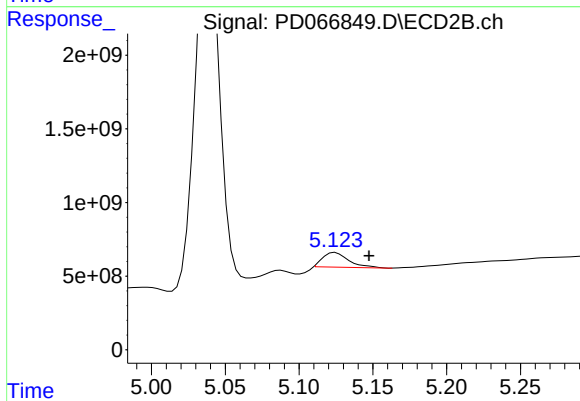
#3 gamma-BHC (Lindane)

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 2180030828
Conc: 215.73 ng/ml



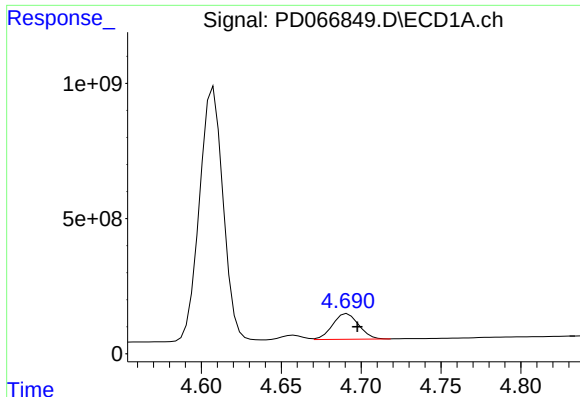
#4 Heptachlor

R.T.: 4.451 min
Delta R.T.: -0.001 min
Response: 118376412
Conc: 41.61 ng/ml



#4 Heptachlor

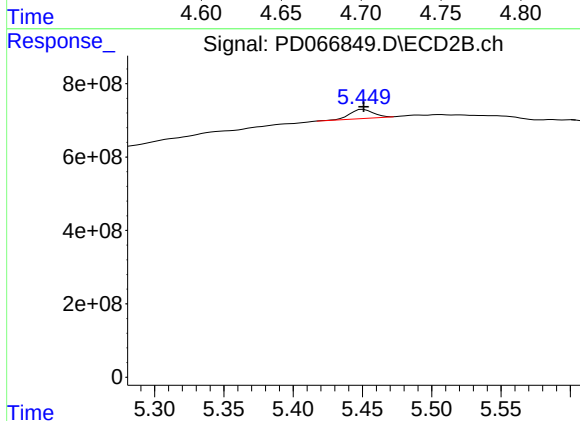
R.T.: 5.125 min
Delta R.T.: -0.023 min
Response: 1208766933
Conc: 123.32 ng/ml



#5 Aldrin

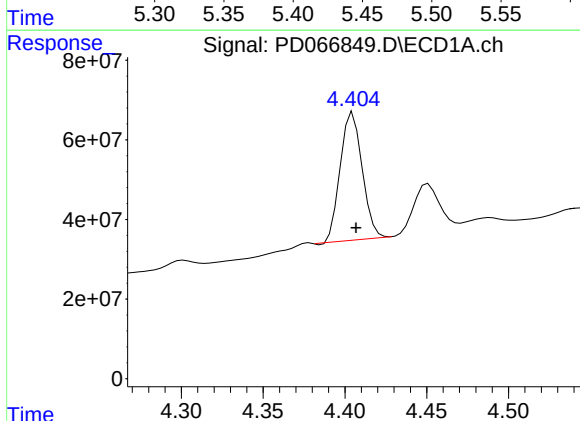
R.T.: 4.691 min
Delta R.T.: -0.006 min
Response: 1082220791
Conc: 375.87 ng/ml

Instrument :
ECD_D
ClientSampleId :



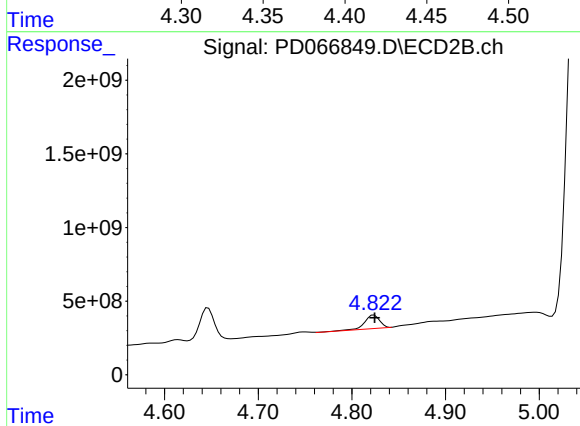
#5 Aldrin

R.T.: 5.451 min
Delta R.T.: 0.000 min
Response: 293207549
Conc: 31.12 ng/ml



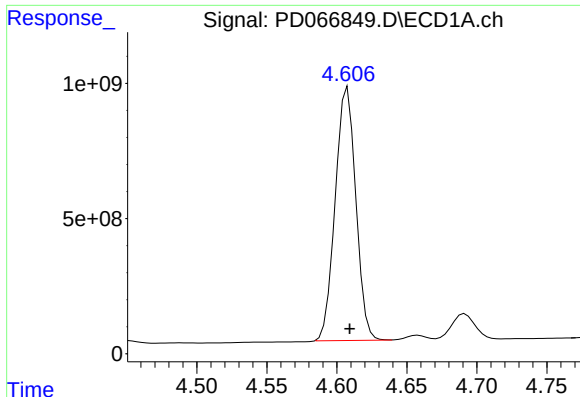
#6 beta-BHC

R.T.: 4.405 min
Delta R.T.: -0.002 min
Response: 297840001
Conc: 237.12 ng/ml



#6 beta-BHC

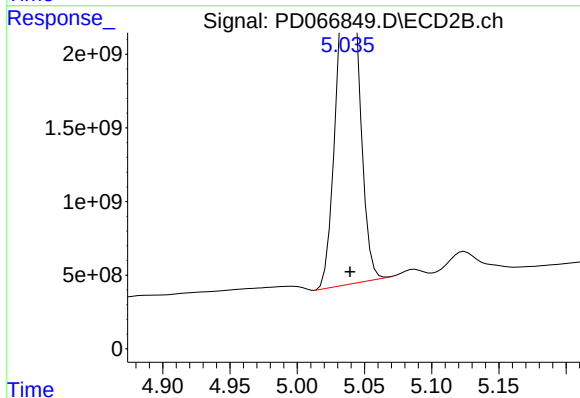
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 1036627022
Conc: 210.39 ng/ml



#7 delta-BHC

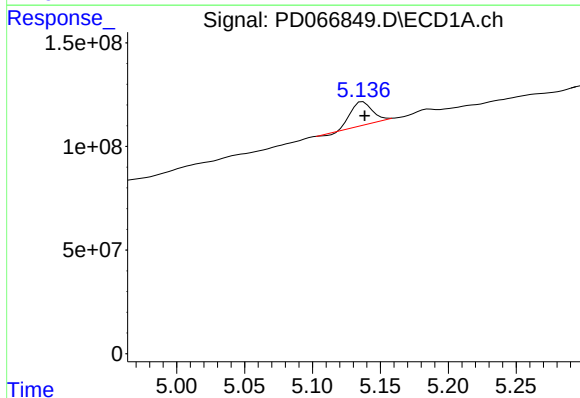
R.T.: 4.608 min
Delta R.T.: -0.002 min
Response: 9578727187
Conc: 3613.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



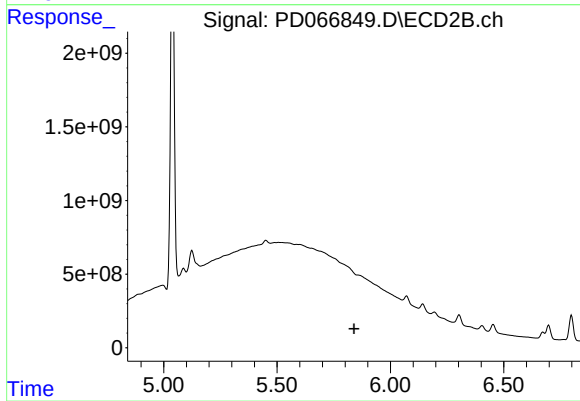
#7 delta-BHC

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 16536233985
Conc: 1671.50 ng/ml



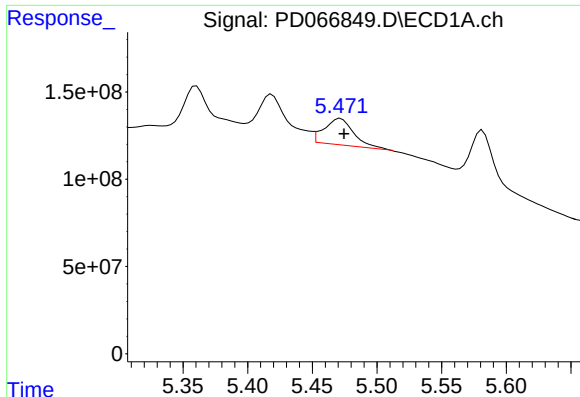
#8 Heptachlor epoxide

R.T.: 5.137 min
Delta R.T.: -0.001 min
Response: 119215072
Conc: 46.90 ng/ml



#8 Heptachlor epoxide

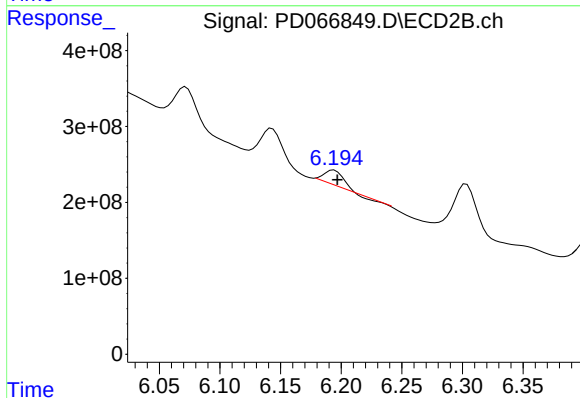
R.T.: 0.000 min
Exp R.T. : 5.840 min
Response: 0
Conc: N.D.



#9 Endosulfan I

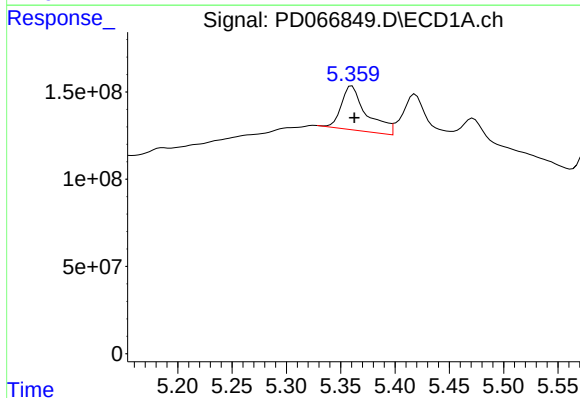
R.T.: 5.472 min
Delta R.T.: -0.003 min
Response: 229559683
Conc: 100.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



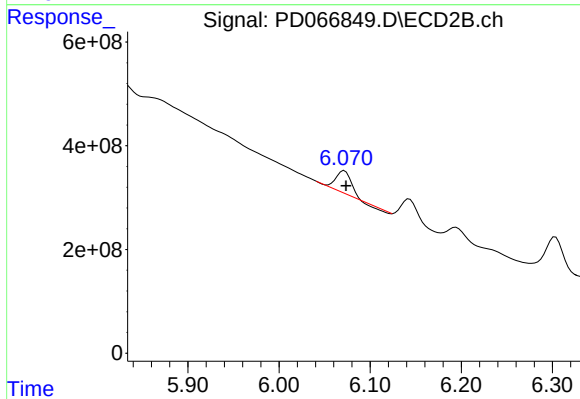
#9 Endosulfan I

R.T.: 6.194 min
Delta R.T.: -0.003 min
Response: 96611835
Conc: 12.35 ng/ml



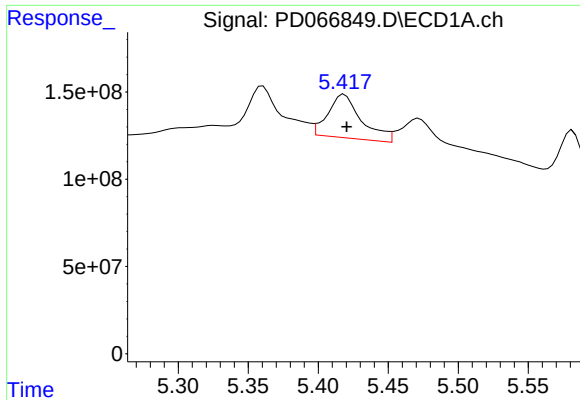
#10 trans-Chlordane

R.T.: 5.360 min
Delta R.T.: -0.002 min
Response: 405671281
Conc: 156.95 ng/ml



#10 trans-Chlordane

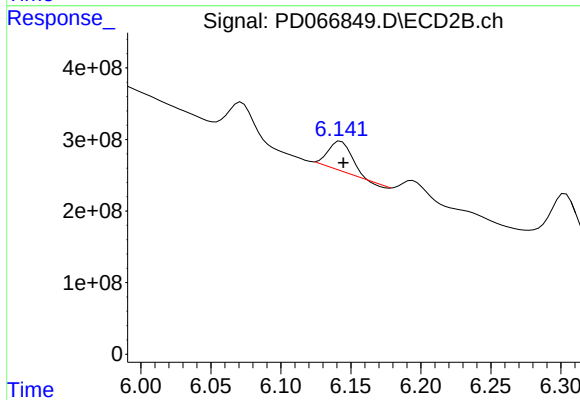
R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 505537155
Conc: 58.71 ng/ml



#11 cis-Chlordane

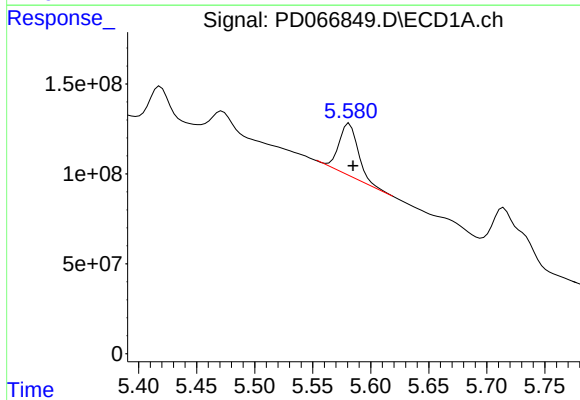
R.T.: 5.419 min
Delta R.T.: -0.002 min
Response: 414272793
Conc: 162.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



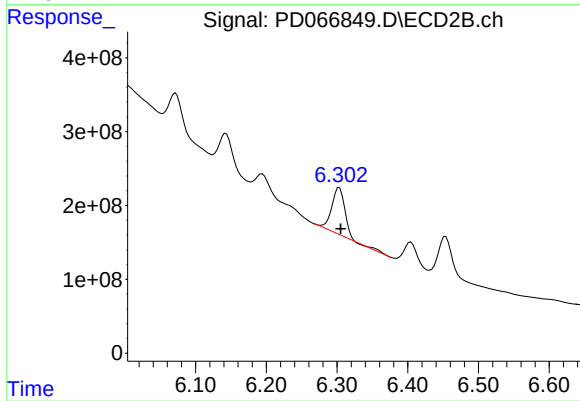
#11 cis-Chlordane

R.T.: 6.143 min
Delta R.T.: -0.002 min
Response: 474241651
Conc: 55.27 ng/ml



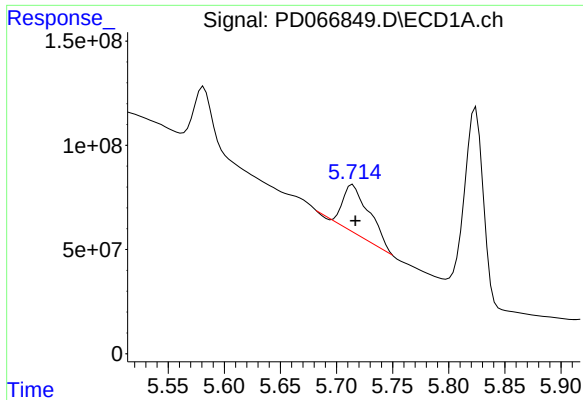
#12 4,4'-DDE

R.T.: 5.582 min
Delta R.T.: -0.003 min
Response: 312474658
Conc: 136.81 ng/ml



#12 4,4'-DDE

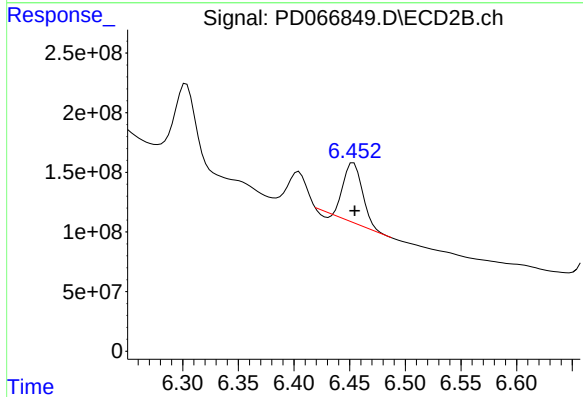
R.T.: 6.303 min
Delta R.T.: -0.002 min
Response: 785541539
Conc: 103.16 ng/ml



#13 Dieldrin

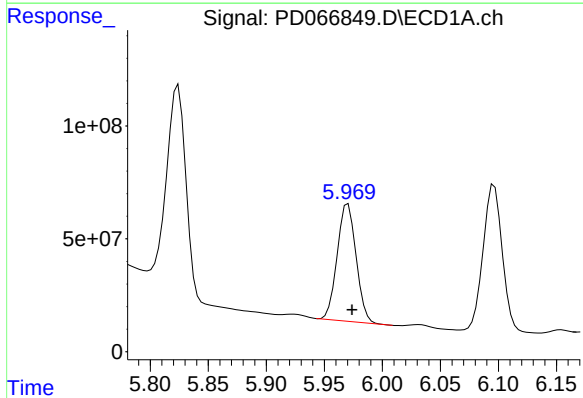
R.T.: 5.715 min
Delta R.T.: -0.002 min
Response: 358116000
Conc: 143.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



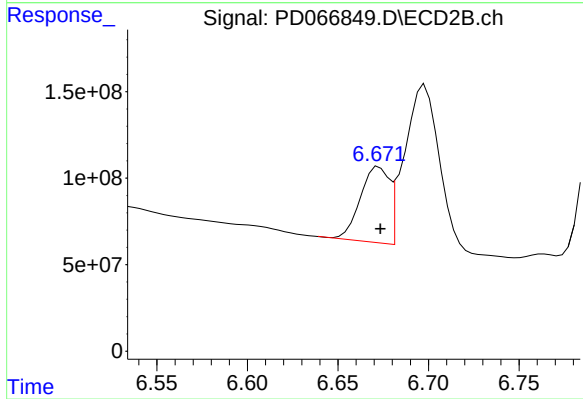
#13 Dieldrin

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 564979597
Conc: 70.82 ng/ml



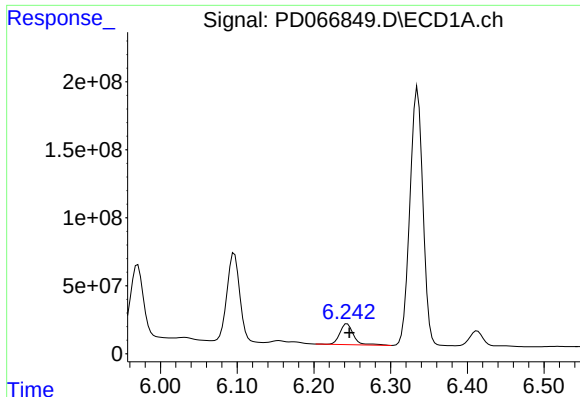
#14 Endrin

R.T.: 5.970 min
Delta R.T.: -0.003 min
Response: 587395607
Conc: 277.63 ng/ml



#14 Endrin

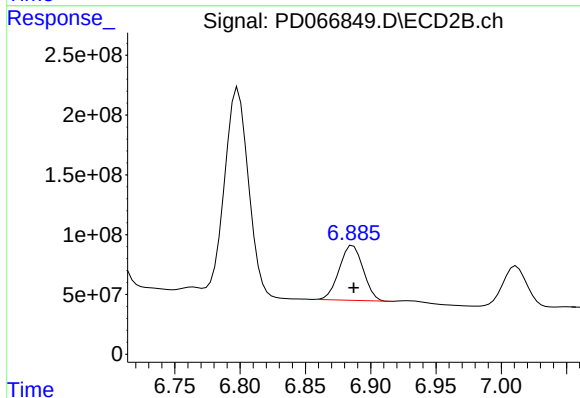
R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 486137339
Conc: 71.63 ng/ml



#15 Endosulfan II

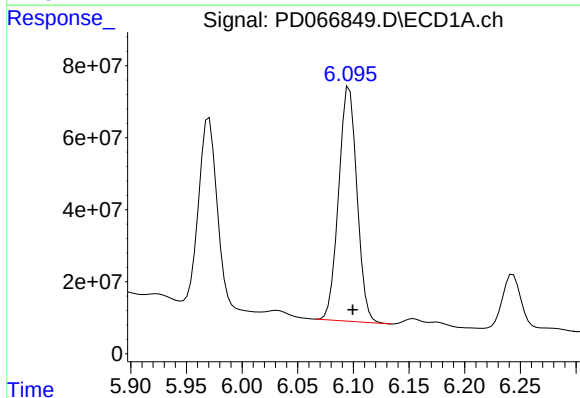
R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 187742745
Conc: 90.42 ng/ml

Instrument :
ECD_D
ClientSampleId :



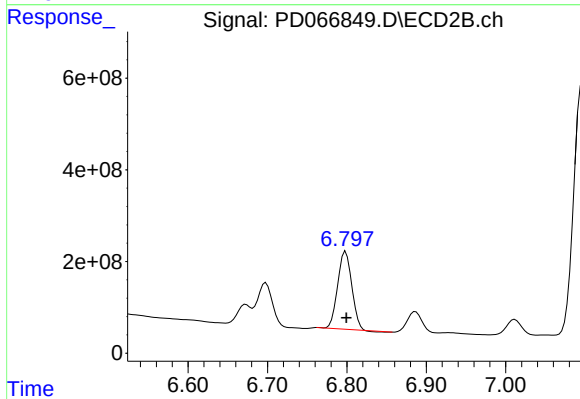
#15 Endosulfan II

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 586121605
Conc: 81.73 ng/ml



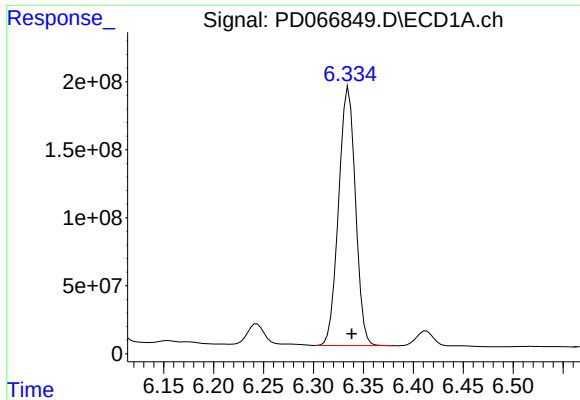
#16 4,4'-DDD

R.T.: 6.096 min
Delta R.T.: -0.003 min
Response: 745495242
Conc: 411.85 ng/ml



#16 4,4'-DDD

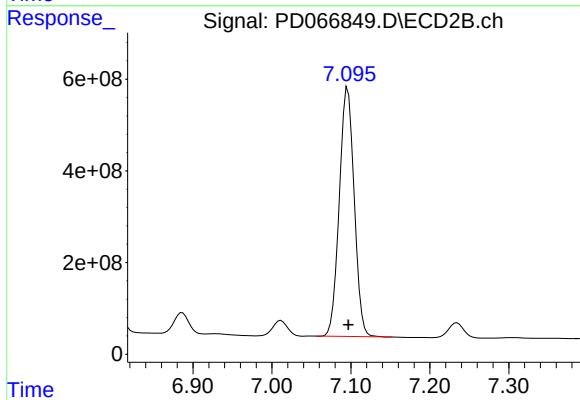
R.T.: 6.798 min
Delta R.T.: -0.001 min
Response: 2091859401
Conc: 324.02 ng/ml



#17 4,4'-DDT

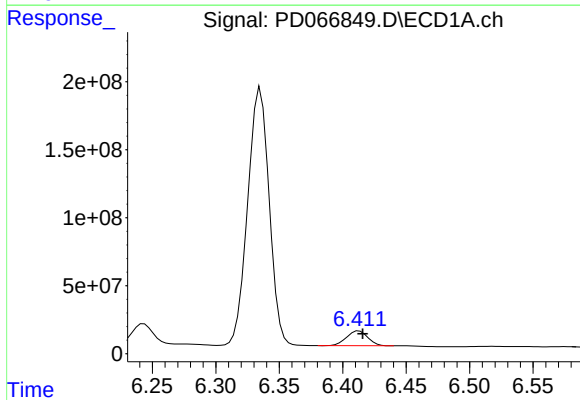
R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 2233425385
Conc: 1181.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



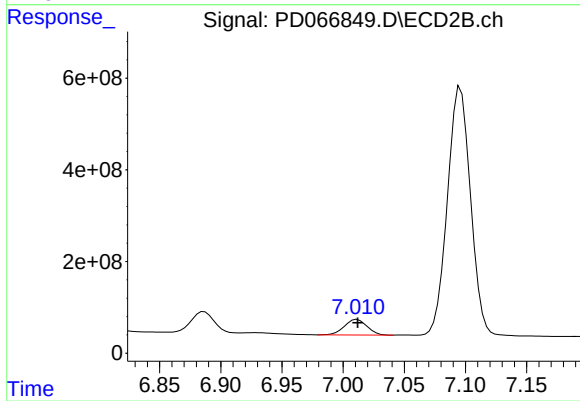
#17 4,4'-DDT

R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 7126364473
Conc: 1078.75 ng/ml



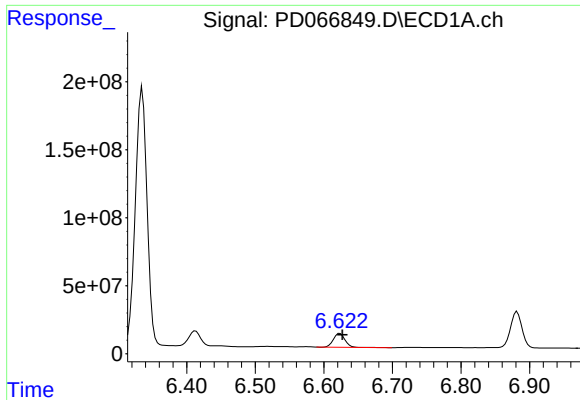
#18 Endrin aldehyde

R.T.: 6.413 min
Delta R.T.: -0.003 min
Response: 126763597
Conc: 87.01 ng/ml



#18 Endrin aldehyde

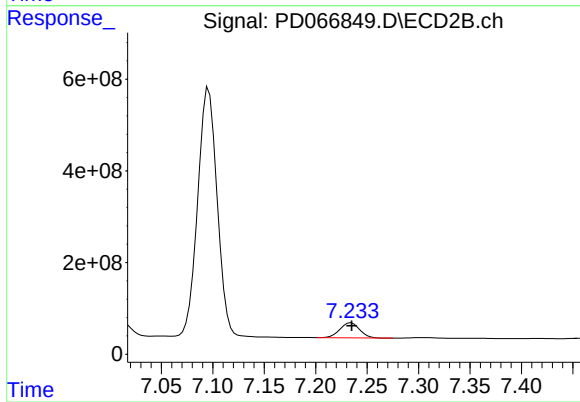
R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 431602462
Conc: 81.12 ng/ml



#19 Endosulfan Sulfate

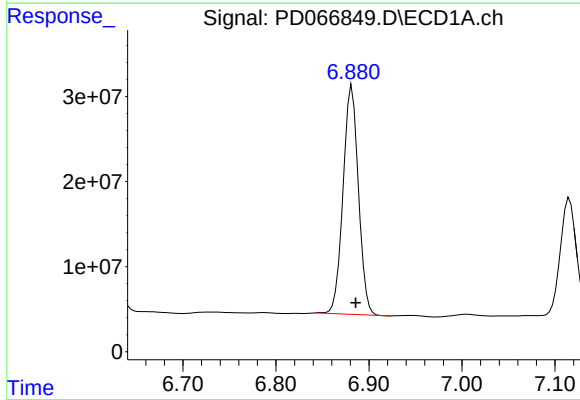
R.T.: 6.623 min
Delta R.T.: -0.004 min
Response: 119514013
Conc: 65.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



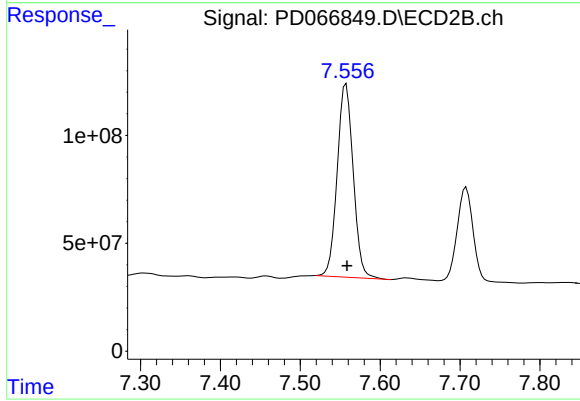
#19 Endosulfan Sulfate

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 439834384
Conc: 63.82 ng/ml



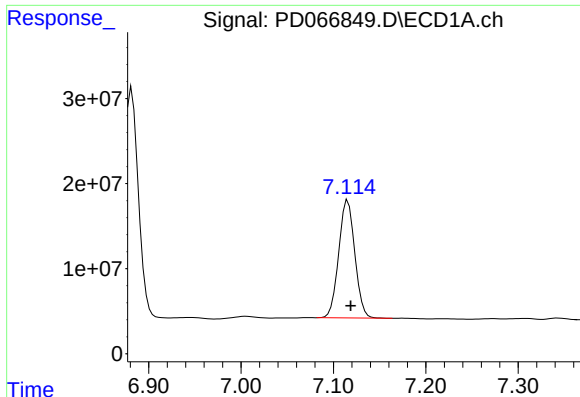
#20 Methoxychlor

R.T.: 6.882 min
Delta R.T.: -0.004 min
Response: 308719460
Conc: 329.40 ng/ml



#20 Methoxychlor

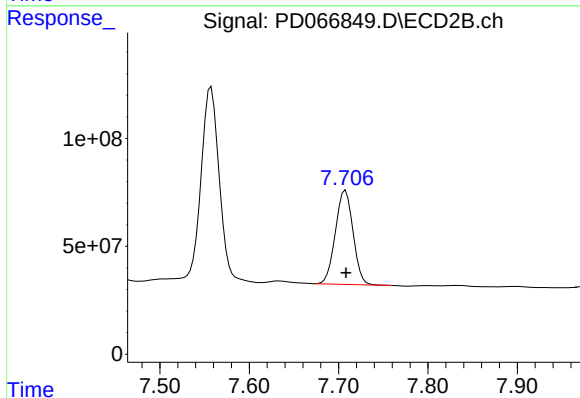
R.T.: 7.557 min
Delta R.T.: -0.001 min
Response: 1247217076
Conc: 385.92 ng/ml



#21 Endrin ketone

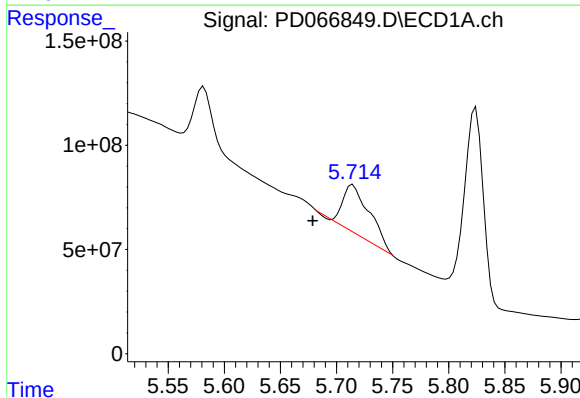
R.T.: 7.116 min
Delta R.T.: -0.003 min
Response: 167859581
Conc: 81.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



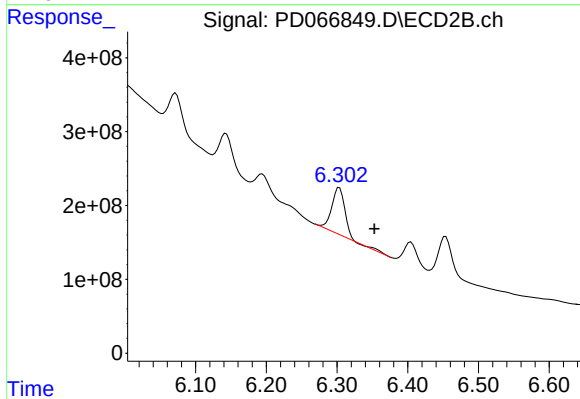
#21 Endrin ketone

R.T.: 7.708 min
Delta R.T.: 0.000 min
Response: 597022158
Conc: 76.17 ng/ml



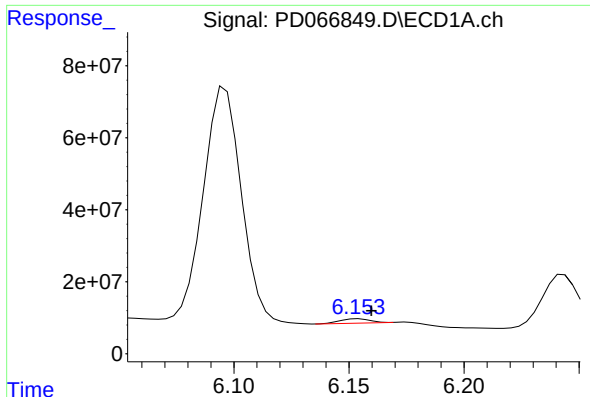
#22 Toxaphene-1

R.T.: 5.715 min
Delta R.T.: 0.036 min
Response: 358116000
Conc: 22769.19 ng/ml



#22 Toxaphene-1

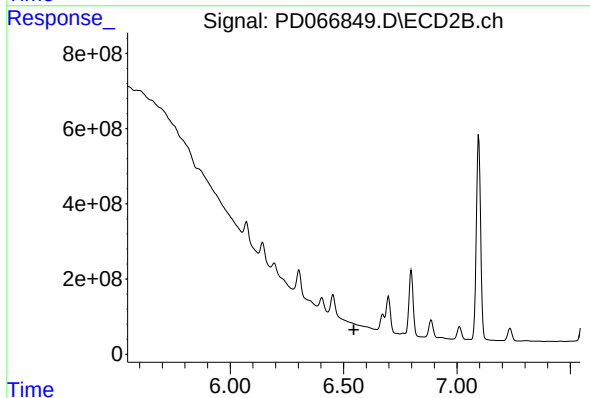
R.T.: 6.303 min
Delta R.T.: -0.050 min
Response: 785541539
Conc: 19433.41 ng/ml



#23 Toxaphene-2

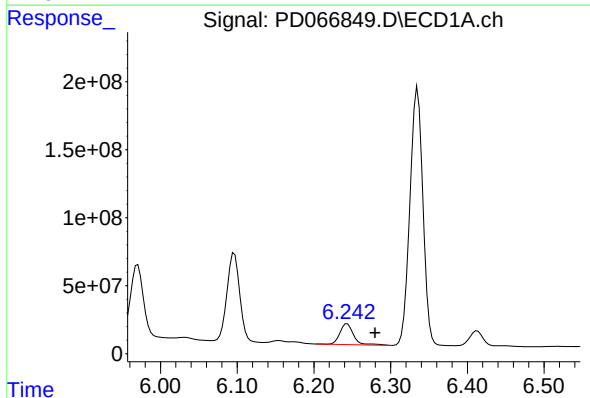
R.T.: 6.154 min
Delta R.T.: -0.005 min
Response: 10945406
Conc: 680.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



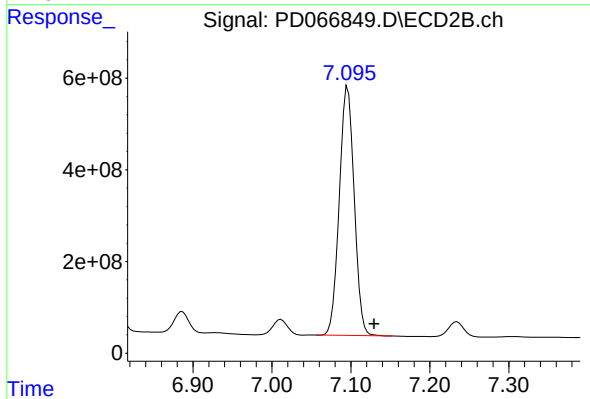
#23 Toxaphene-2

R.T.: 0.000 min
Exp R.T. : 6.545 min
Response: 0
Conc: N.D.



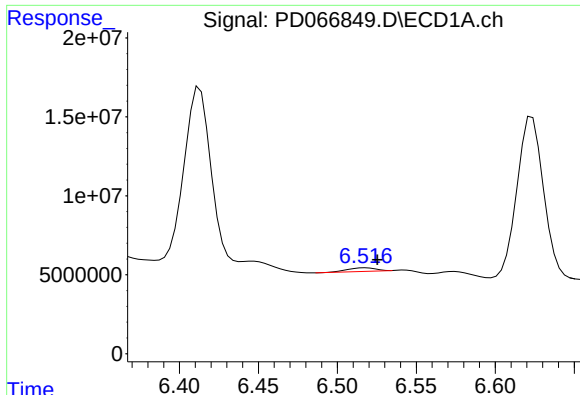
#24 Toxaphene-3

R.T.: 6.243 min
Delta R.T.: -0.037 min
Response: 187742745
Conc: 5047.23 ng/ml



#24 Toxaphene-3

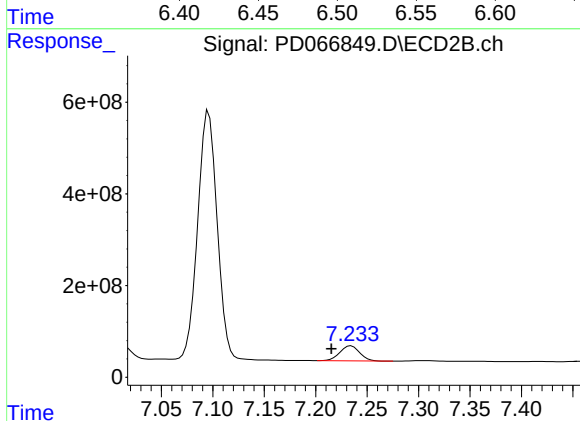
R.T.: 7.096 min
Delta R.T.: -0.033 min
Response: 7126364473
Conc: 62627.06 ng/ml



#25 Toxaphene-4

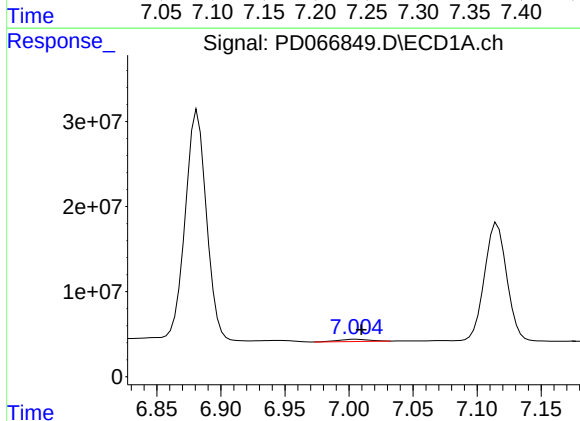
R.T.: 6.518 min
Delta R.T.: -0.007 min
Response: 2841680
Conc: 73.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



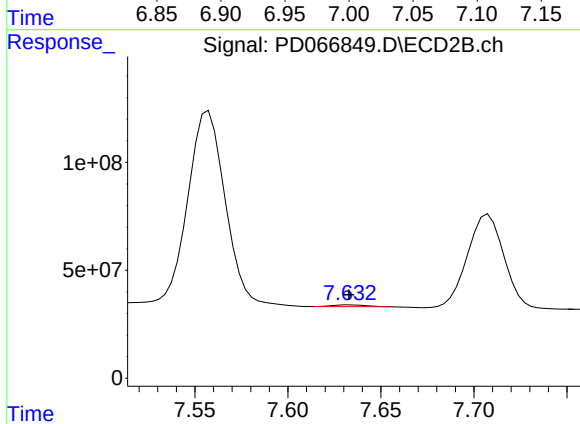
#25 Toxaphene-4

R.T.: 7.234 min
Delta R.T.: 0.019 min
Response: 439834384
Conc: 3891.06 ng/ml



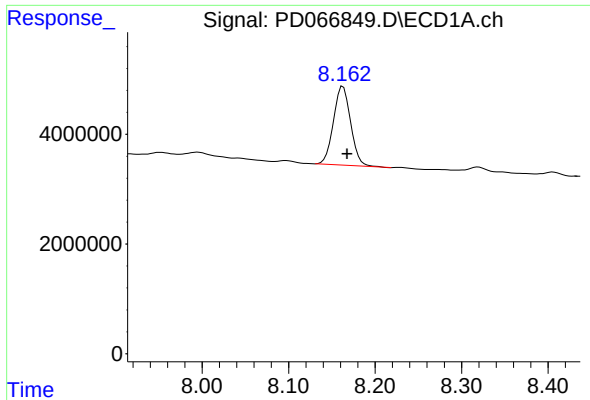
#26 Toxaphene-5

R.T.: 7.005 min
Delta R.T.: -0.004 min
Response: 4160952
Conc: 106.67 ng/ml



#26 Toxaphene-5

R.T.: 7.634 min
Delta R.T.: 0.000 min
Response: 8259208
Conc: 96.99 ng/ml



#27 Decachlorobiphenyl

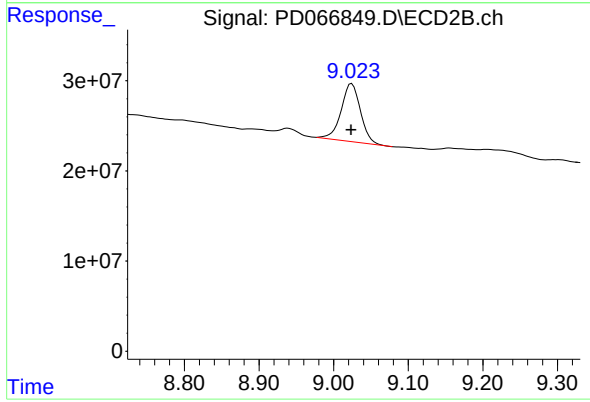
R.T.: 8.163 min

Delta R.T.: -0.005 min

Response: 19695491

Conc: 16.81 ng/ml

Instrument :
ECD_D
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.024 min

Delta R.T.: 0.000 min

Response: 114597806

Conc: 21.97 ng/ml