

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091423\
 Data File : PD077942.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2023 18:51
 Operator : AR\AJ
 Sample : 04399-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 22:52:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.541	2.759	51792038	33887373	20.398	21.426
28)	SA Decachlor...	9.081	7.899	55851897	34497108	18.335	19.991
Target Compounds							
2)	A alpha-BHC	3.998	3.261	215.8E6	125.6E6	52.442	54.290
3)	MA gamma-BHC...	4.331	3.591	184.8E6	115.7E6	46.705	51.758
4)	MA Heptachlor	4.922	3.930	205.5E6	123.7E6	52.463	54.974
5)	MB Aldrin	5.264	4.209	248.2E6	116.2E6	61.705	51.028
6)	B beta-BHC	4.529	3.888	76615103	50027837	47.475	56.131
7)	B delta-BHC	4.777	4.117	193.0E6	113.8E6	52.351	52.504
8)	B Heptachlo...	5.692	4.711	210.6E6	133.2E6	58.898	65.692
9)	A Endosulfan I	6.079	5.082	174.8E6	102.1E6	53.131	54.528
10)	B gamma-Chl...	5.950	4.962	236.0E6	160.2E6	67.029	79.702
11)	B alpha-Chl...	6.030	5.026	330.5E6	178.2E6	92.881	88.450
12)	B 4,4'-DDE	6.202	5.214	191.4E6	128.1E6	59.443	70.173
13)	MA Dieldrin	6.356	5.347	177.4E6	113.3E6	49.857	55.496
14)	MA Endrin	6.586	5.622	144.1E6	98782389	47.503	54.536
15)	B Endosulfa...	6.807	5.918	147.1E6	101.8E6	47.476	59.511 #
16)	A 4,4'-DDD	6.720	5.769	139.3E6	82398758	54.349	58.965
17)	MA 4,4'-DDT	7.035	6.021	167.5E6	101.3E6	64.048	71.672
18)	B Endrin al...	6.936	6.096	89557973	71071550	37.686	52.652 #
19)	B Endosulfa...	7.172	6.319	148.0E6	87219759	52.143	54.470
20)	A Methoxychlor	7.512	6.596	67714842	39912112	43.779	51.550
21)	B Endrin ke...	7.659	6.826	162.7E6	95278962	50.057	50.392
22)	Mirex	8.133	7.007	115.0E6	76358490	47.806	49.866
23)	Chlordane-1	4.703	3.763	420672	546002	3.599	9.588 #
24)	Chlordane-2	5.264f	4.338	248.2E6	28703574	1944.377	450.670 #
25)	Chlordane-3	5.950	4.962	236.0E6	160.2E6	469.693	816.583 #
26)	Chlordane-4	6.030	5.026	330.5E6	178.2E6	536.521	941.749 #
27)	Chlordane-5	6.885	5.918	9388934	101.8E6	92.761	1582.672 #

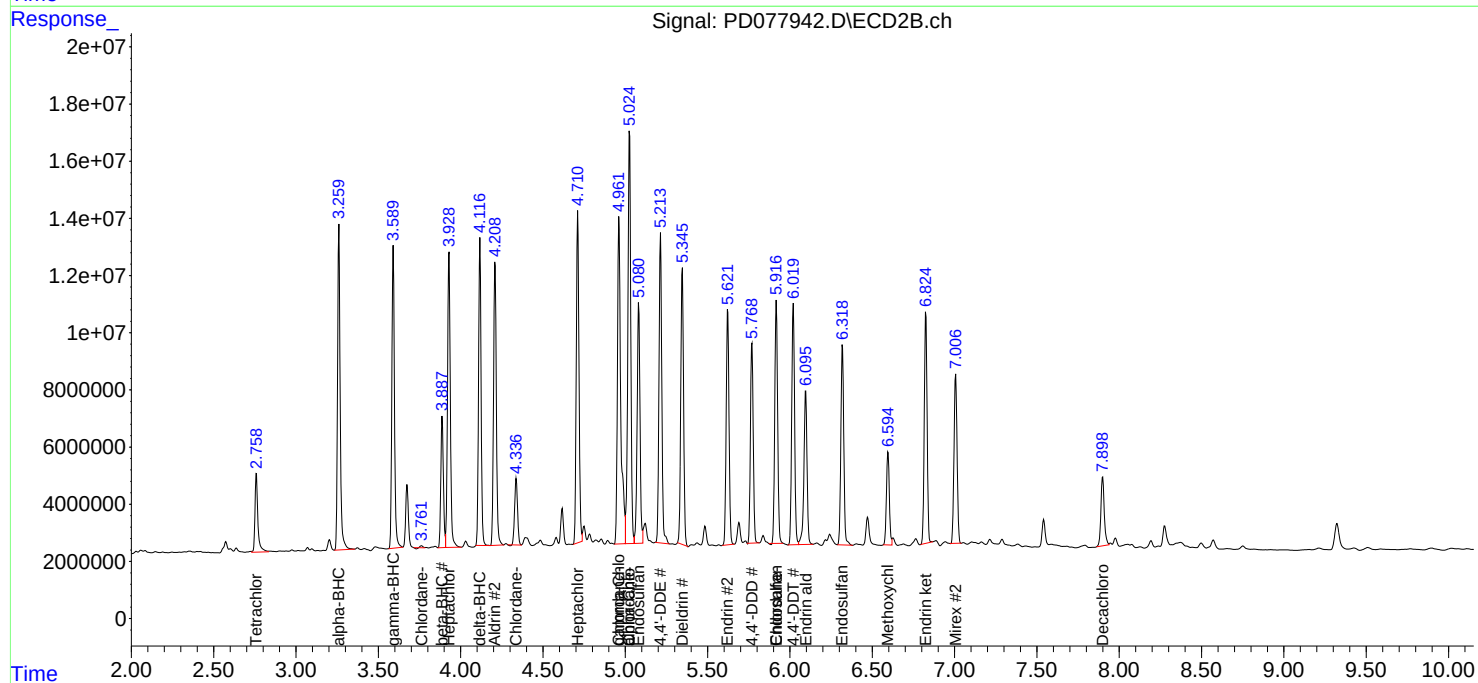
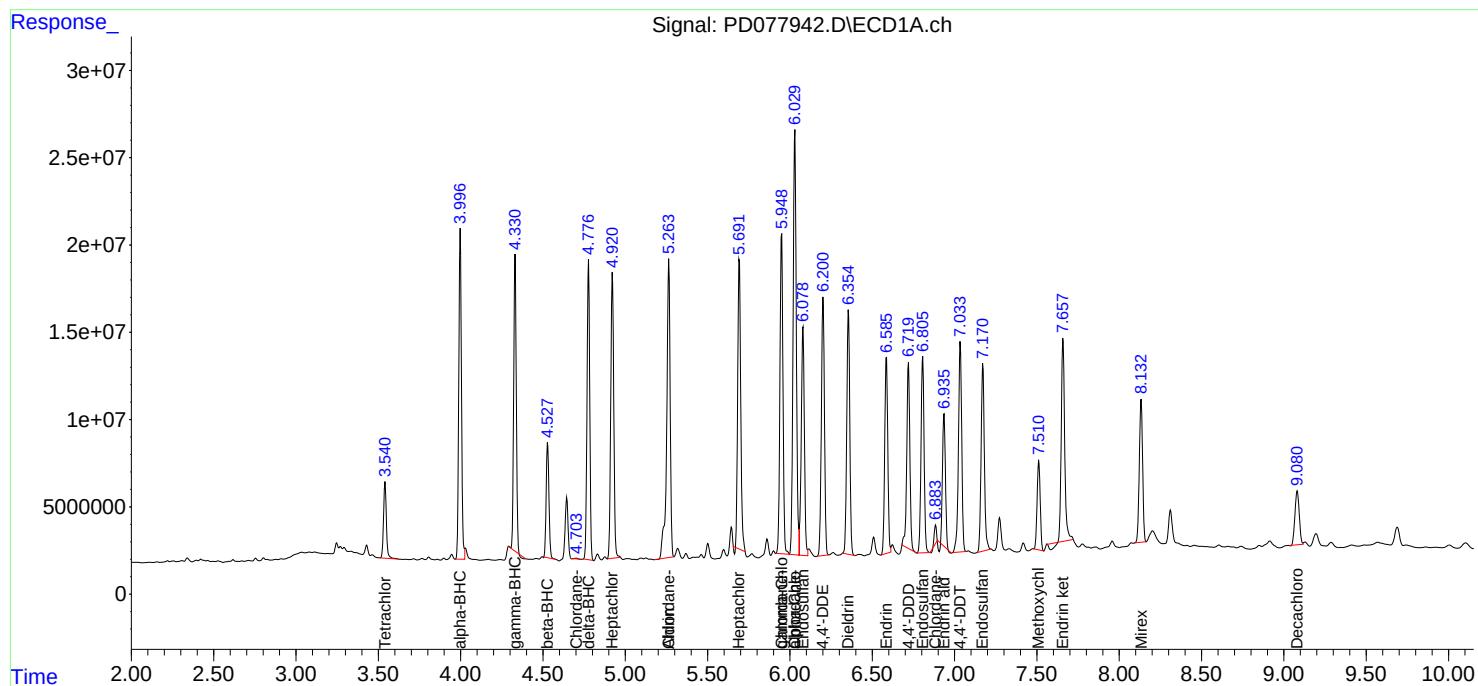
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

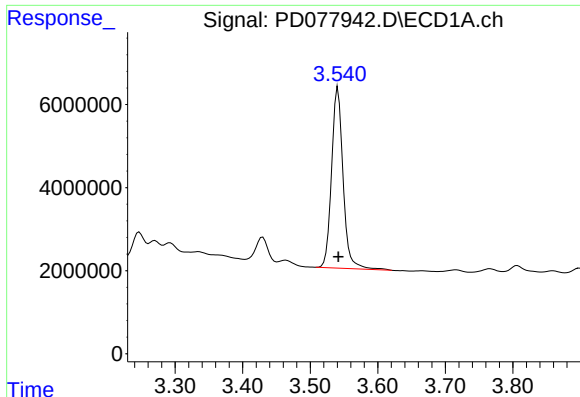
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091423\
Data File : PD077942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Sep 2023 18:51
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

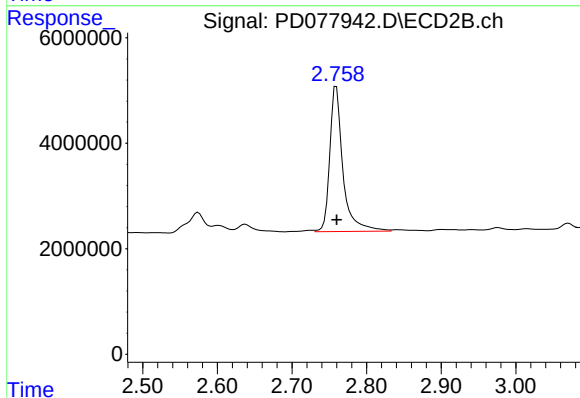




#1 Tetrachloro-m-xylene

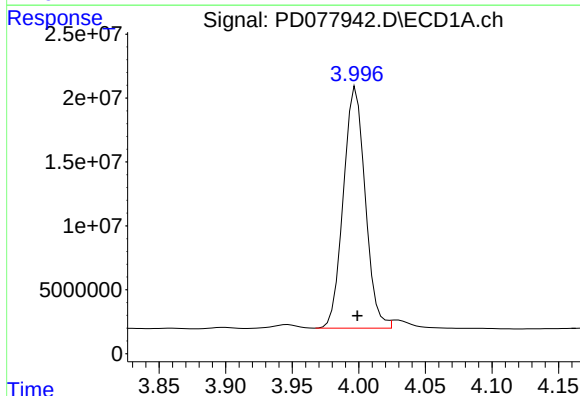
R.T.: 3.541 min
Delta R.T.: 0.000 min
Response: 51792038
Conc: 20.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



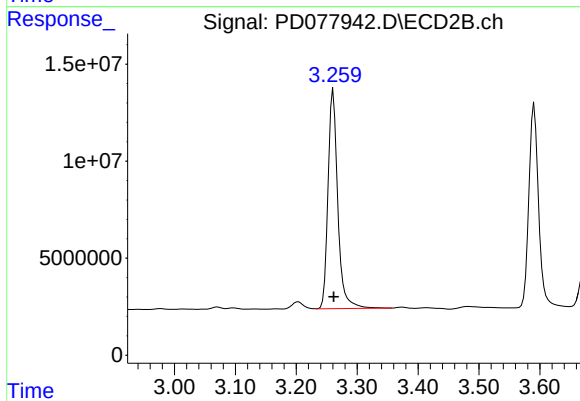
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 33887373
Conc: 21.43 ng/ml



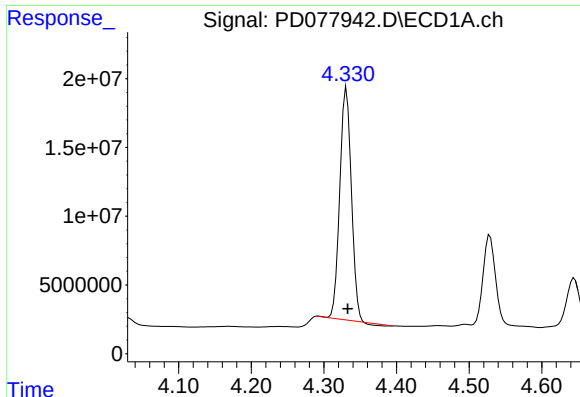
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 215752604
Conc: 52.44 ng/ml



#2 alpha-BHC

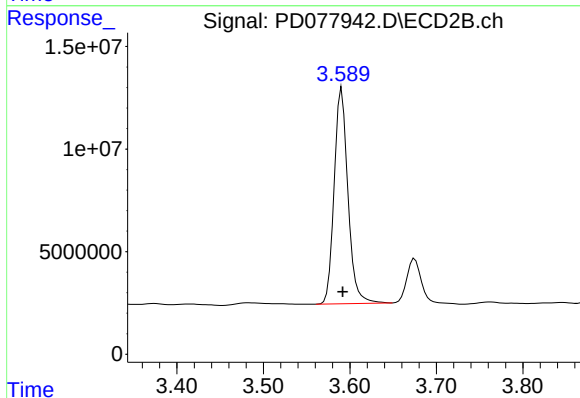
R.T.: 3.261 min
Delta R.T.: -0.001 min
Response: 125602635
Conc: 54.29 ng/ml



#3 gamma-BHC (Lindane)

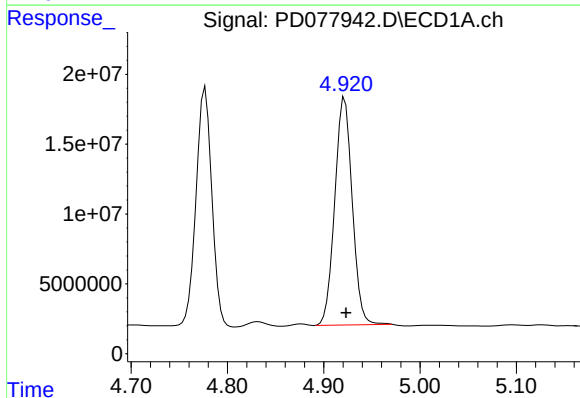
R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 184763977
Conc: 46.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



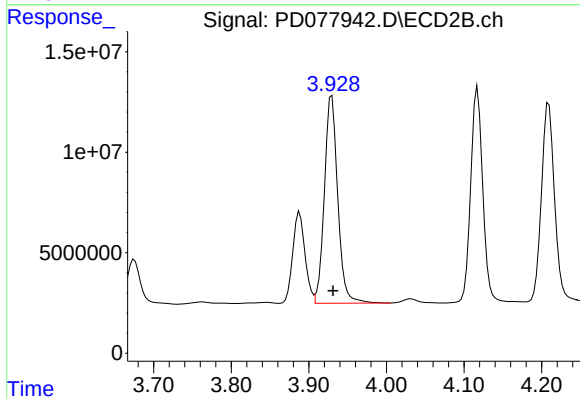
#3 gamma-BHC (Lindane)

R.T.: 3.591 min
Delta R.T.: 0.000 min
Response: 115702800
Conc: 51.76 ng/ml



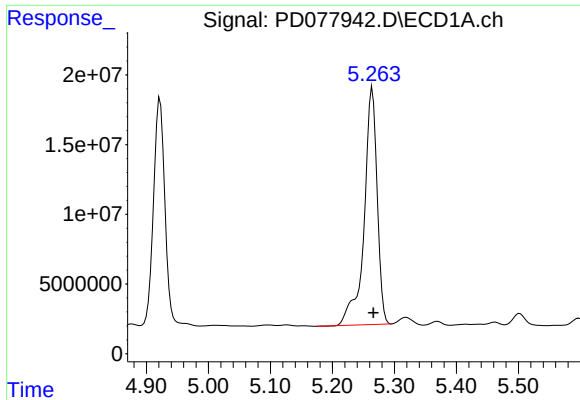
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: -0.001 min
Response: 205547995
Conc: 52.46 ng/ml



#4 Heptachlor

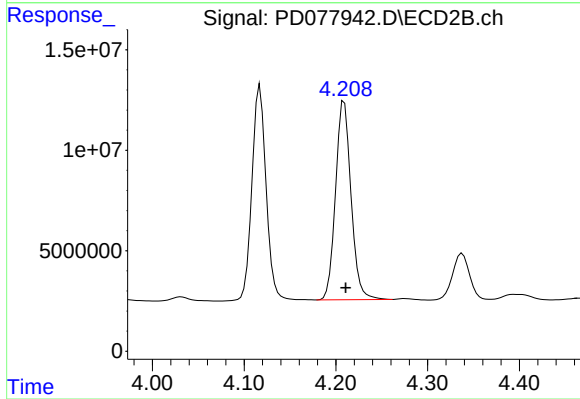
R.T.: 3.930 min
Delta R.T.: -0.001 min
Response: 123658977
Conc: 54.97 ng/ml



#5 Aldrin

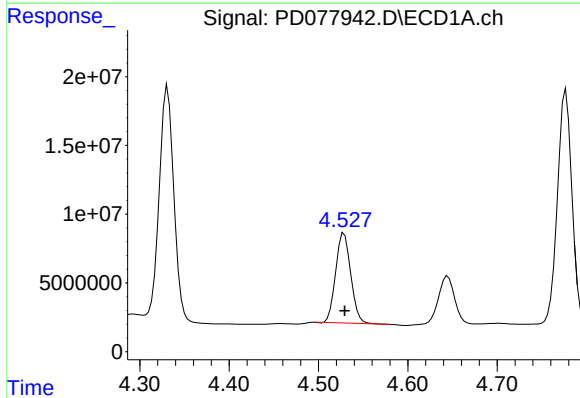
R.T.: 5.264 min
Delta R.T.: -0.001 min
Response: 248164622
Conc: 61.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



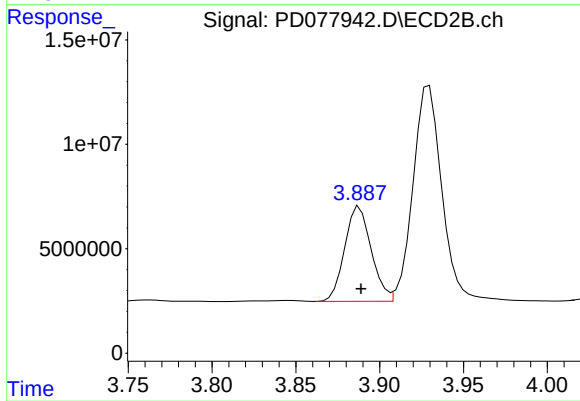
#5 Aldrin

R.T.: 4.209 min
Delta R.T.: -0.002 min
Response: 116244159
Conc: 51.03 ng/ml



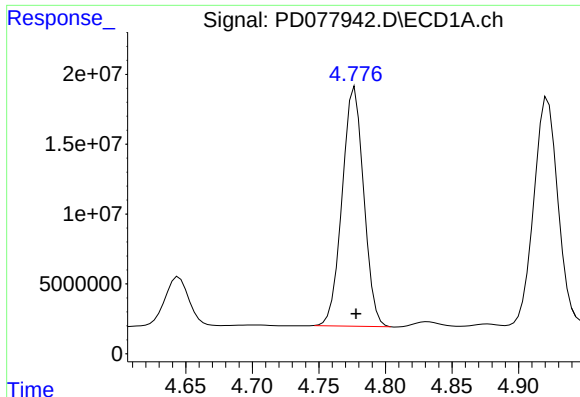
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 76615103
Conc: 47.48 ng/ml



#6 beta-BHC

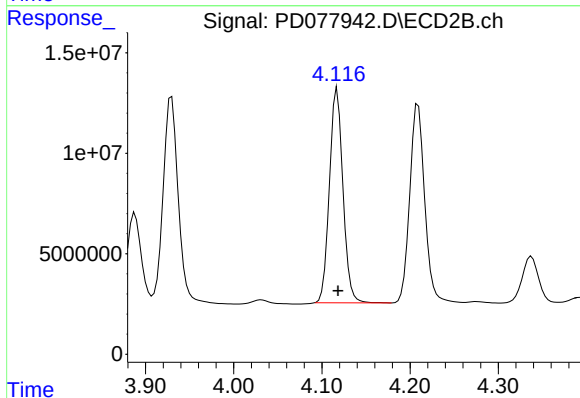
R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 50027837
Conc: 56.13 ng/ml



#7 delta-BHC

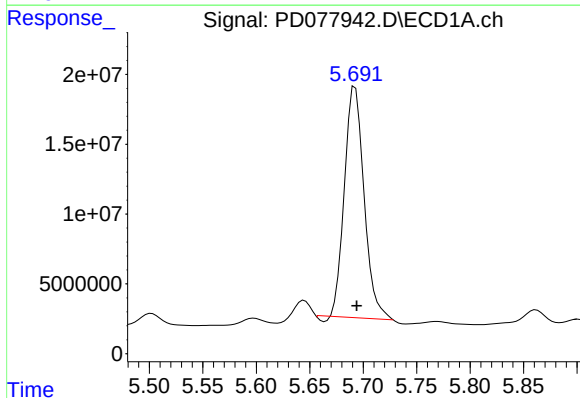
R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 192984572
Conc: 52.35 ng/ml

Instrument :
ECD_D
ClientSampleId :



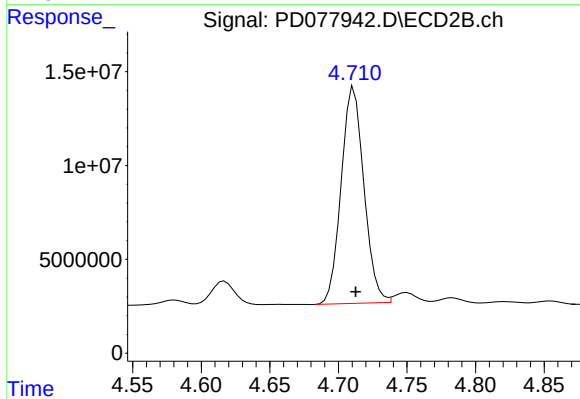
#7 delta-BHC

R.T.: 4.117 min
Delta R.T.: -0.001 min
Response: 113820686
Conc: 52.50 ng/ml



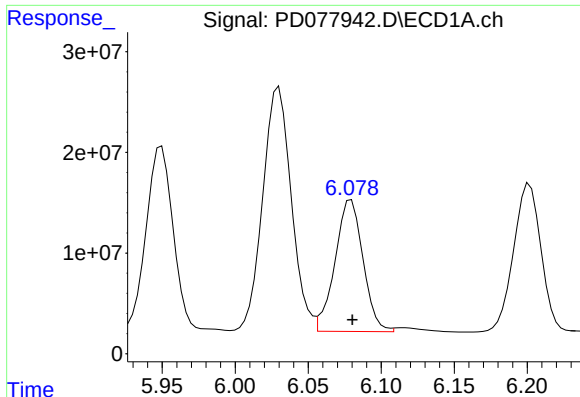
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: -0.001 min
Response: 210593689
Conc: 58.90 ng/ml



#8 Heptachlor epoxide

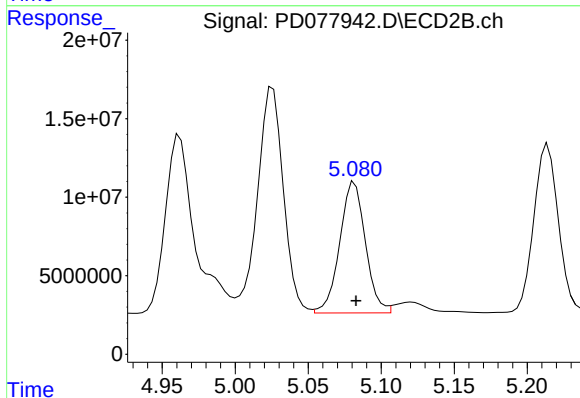
R.T.: 4.711 min
Delta R.T.: -0.001 min
Response: 133237835
Conc: 65.69 ng/ml



#9 Endosulfan I

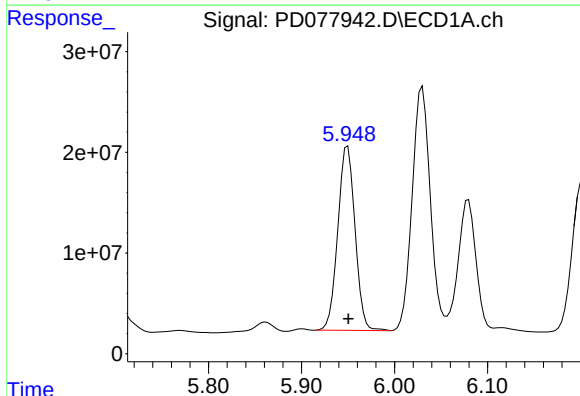
R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 174750227
Conc: 53.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



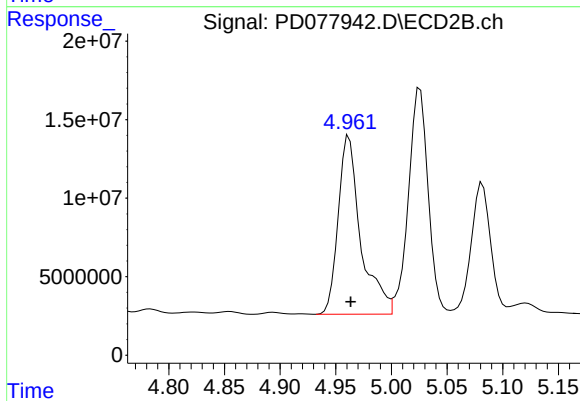
#9 Endosulfan I

R.T.: 5.082 min
Delta R.T.: -0.001 min
Response: 102139586
Conc: 54.53 ng/ml



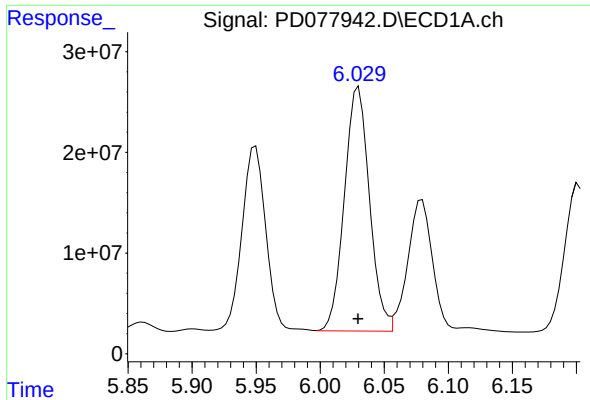
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 235963949
Conc: 67.03 ng/ml



#10 gamma-Chlordane

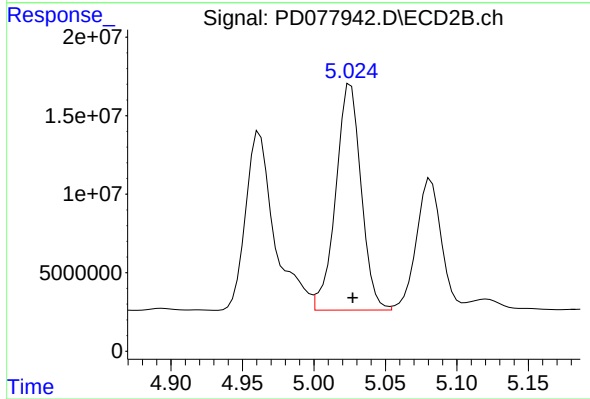
R.T.: 4.962 min
Delta R.T.: -0.001 min
Response: 160215711
Conc: 79.70 ng/ml



#11 alpha-Chlordane

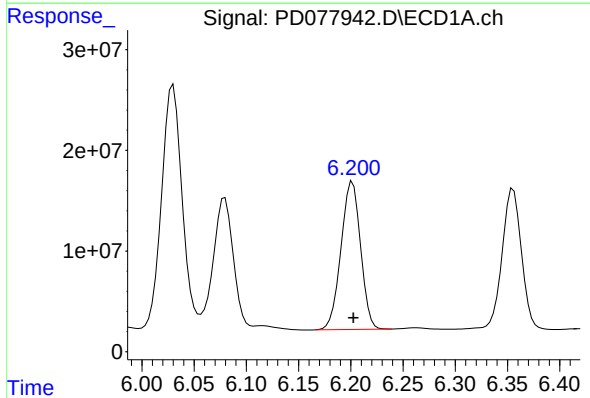
R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 330500192
Conc: 92.88 ng/ml

Instrument :
ECD_D
ClientSampleId :



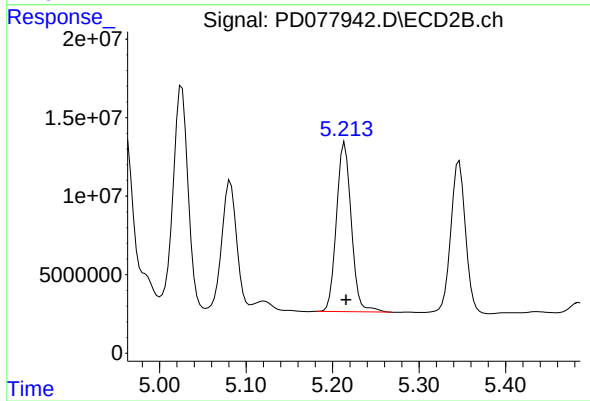
#11 alpha-Chlordane

R.T.: 5.026 min
Delta R.T.: -0.001 min
Response: 178200163
Conc: 88.45 ng/ml



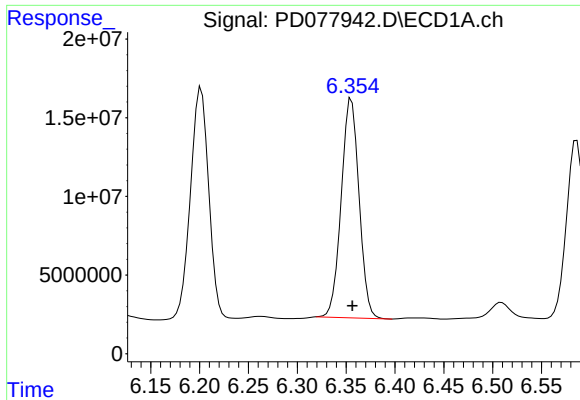
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 191382317
Conc: 59.44 ng/ml



#12 4,4'-DDE

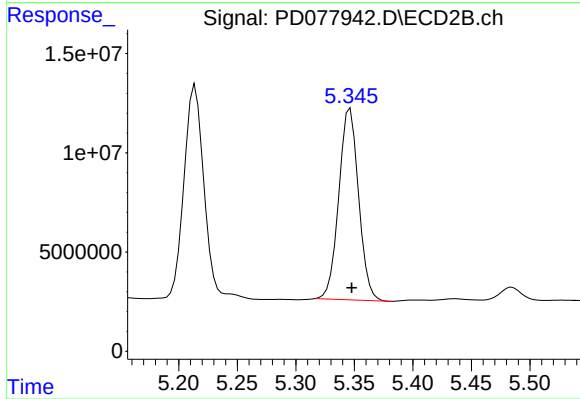
R.T.: 5.214 min
Delta R.T.: -0.001 min
Response: 128086706
Conc: 70.17 ng/ml



#13 Dieldrin

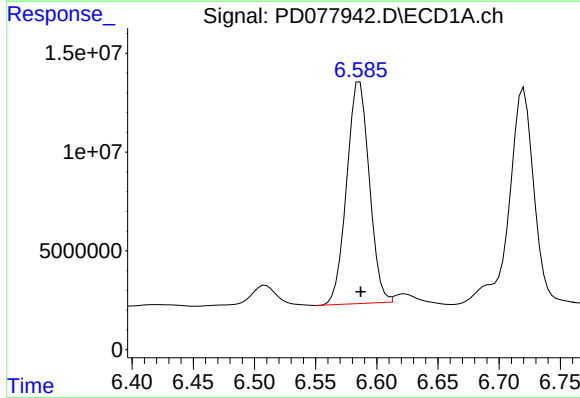
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 177383824
Conc: 49.86 ng/ml

Instrument :
ECD_D
ClientSampleId :



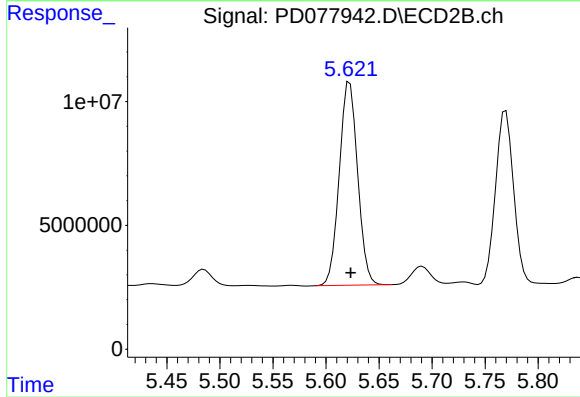
#13 Dieldrin

R.T.: 5.347 min
Delta R.T.: -0.001 min
Response: 113312095
Conc: 55.50 ng/ml



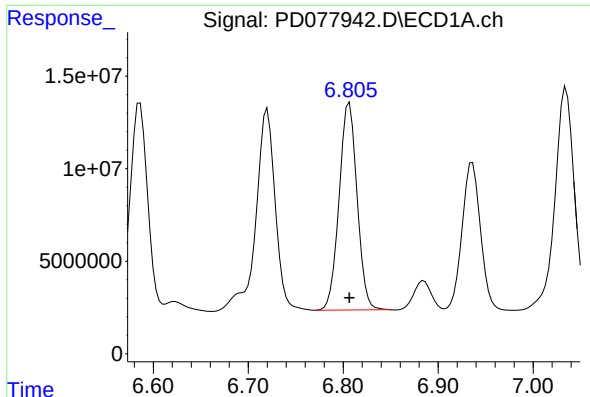
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 144086146
Conc: 47.50 ng/ml



#14 Endrin

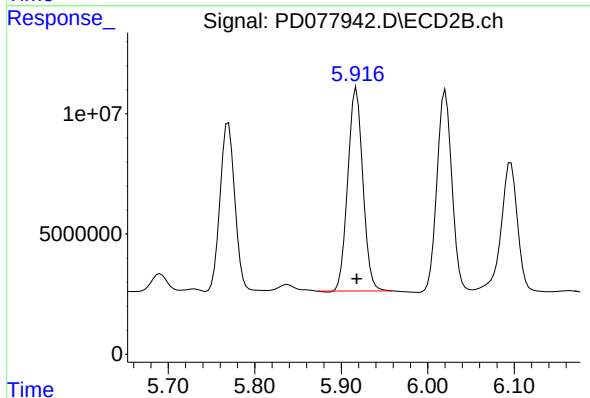
R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 98782389
Conc: 54.54 ng/ml



#15 Endosulfan II

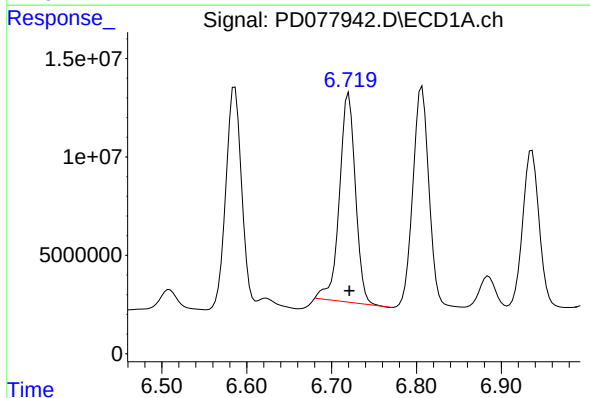
R.T.: 6.807 min
Delta R.T.: 0.000 min
Response: 147110282
Conc: 47.48 ng/ml

Instrument :
ECD_D
ClientSampleId :



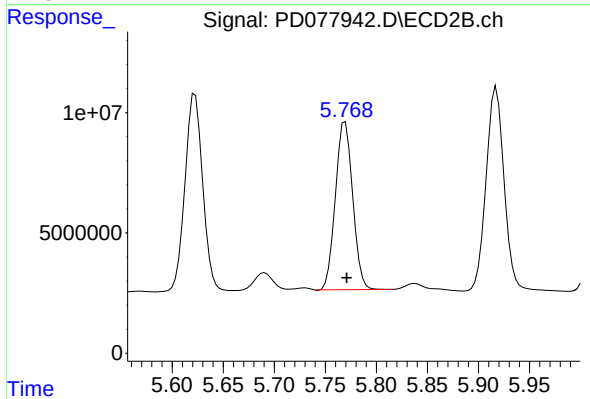
#15 Endosulfan II

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 101825557
Conc: 59.51 ng/ml



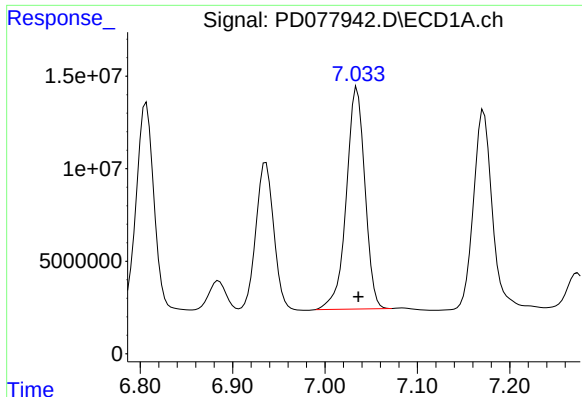
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 139259316
Conc: 54.35 ng/ml



#16 4,4'-DDD

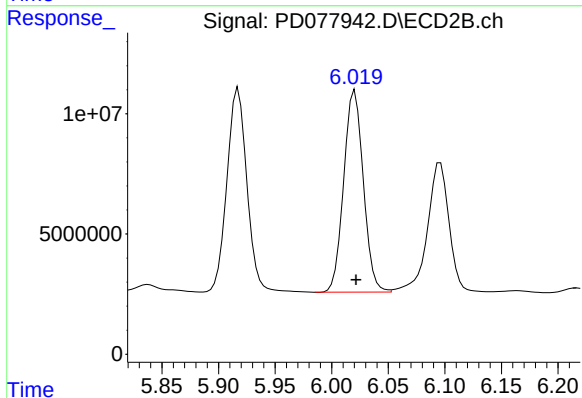
R.T.: 5.769 min
Delta R.T.: -0.001 min
Response: 82398758
Conc: 58.97 ng/ml



#17 4,4'-DDT

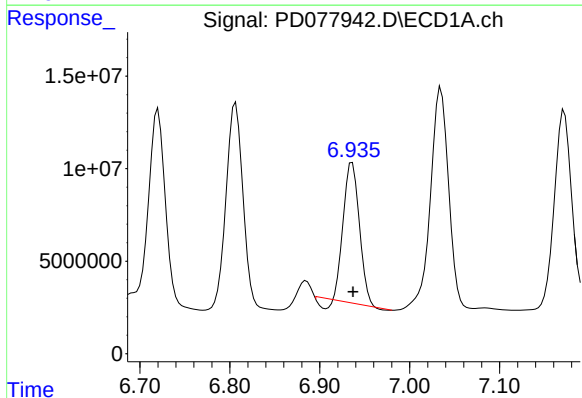
R.T.: 7.035 min
Delta R.T.: -0.001 min
Response: 167504079
Conc: 64.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



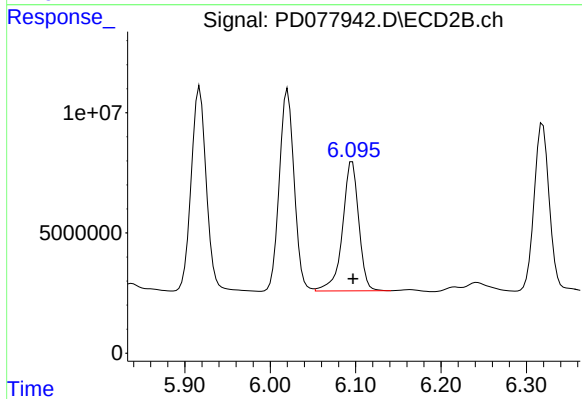
#17 4,4'-DDT

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 101260385
Conc: 71.67 ng/ml



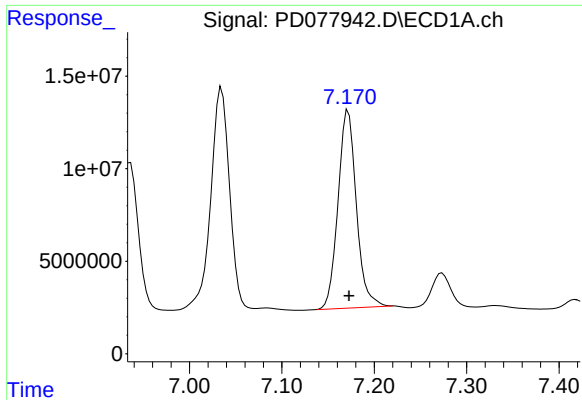
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 89557973
Conc: 37.69 ng/ml



#18 Endrin aldehyde

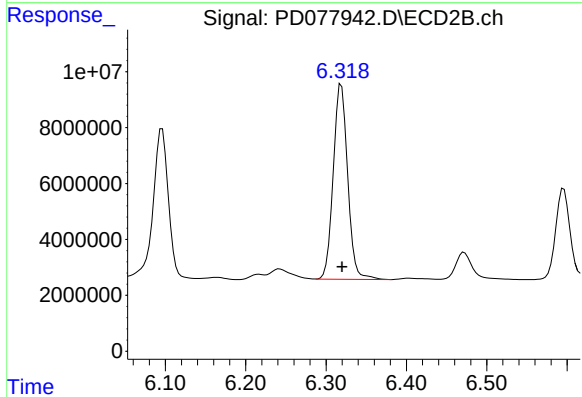
R.T.: 6.096 min
Delta R.T.: -0.001 min
Response: 71071550
Conc: 52.65 ng/ml



#19 Endosulfan Sulfate

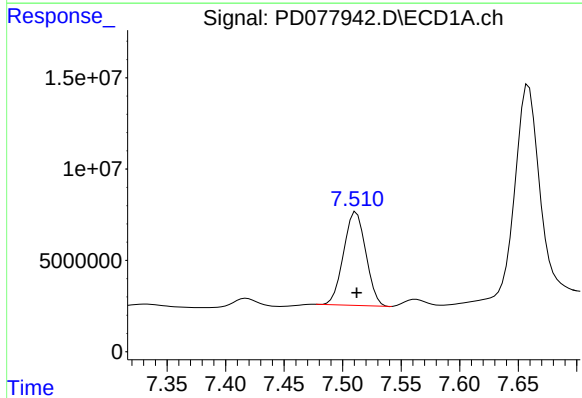
R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 147976142
Conc: 52.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



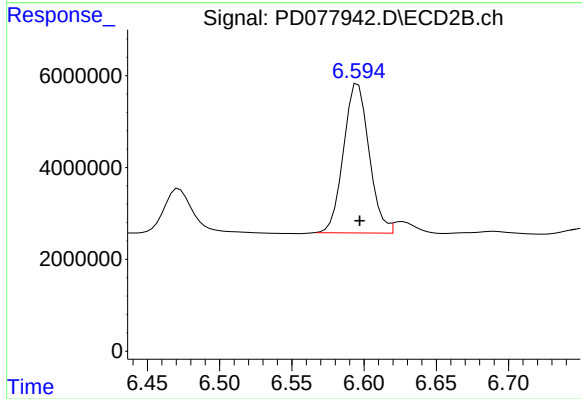
#19 Endosulfan Sulfate

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 87219759
Conc: 54.47 ng/ml



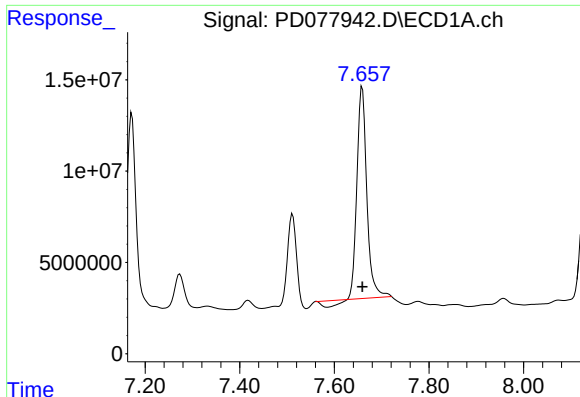
#20 Methoxychlor

R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 67714842
Conc: 43.78 ng/ml



#20 Methoxychlor

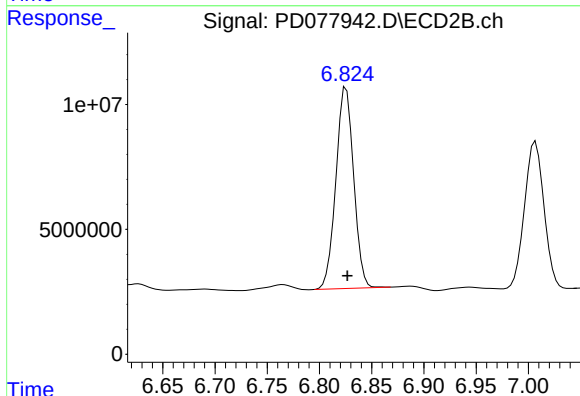
R.T.: 6.596 min
Delta R.T.: -0.001 min
Response: 39912112
Conc: 51.55 ng/ml



#21 Endrin ketone

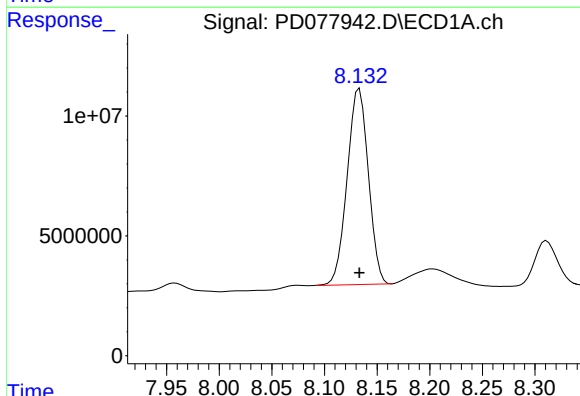
R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 162688955
Conc: 50.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



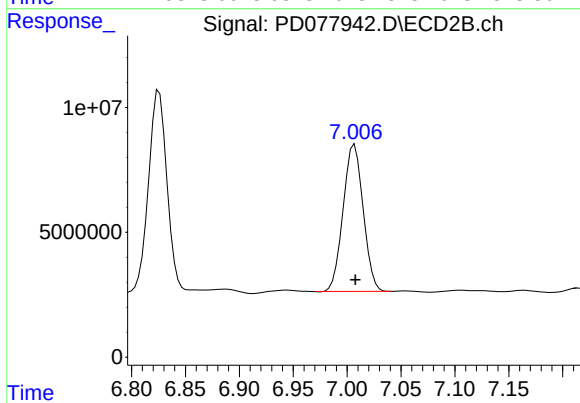
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.001 min
Response: 95278962
Conc: 50.39 ng/ml



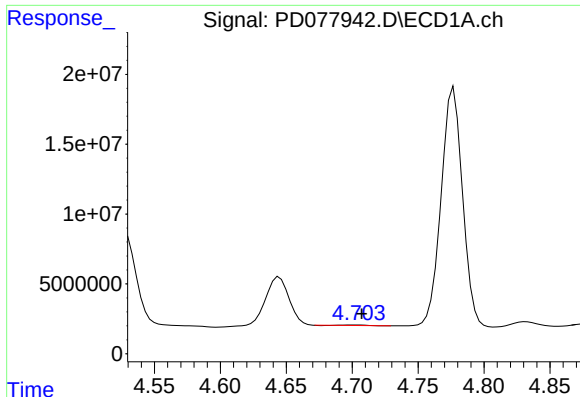
#22 Mirex

R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 114975360
Conc: 47.81 ng/ml



#22 Mirex

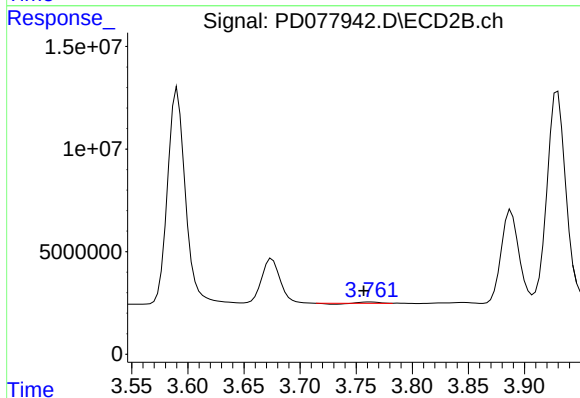
R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 76358490
Conc: 49.87 ng/ml



#23 Chlordane-1

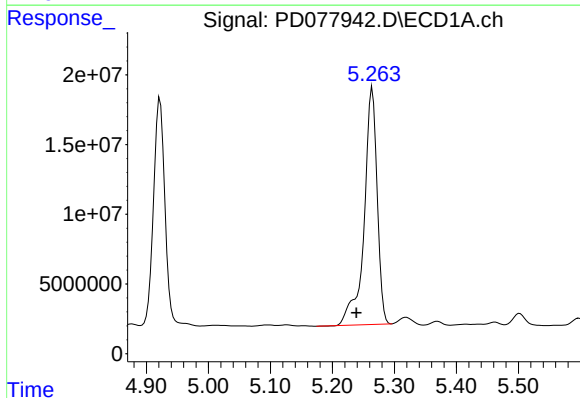
R.T.: 4.703 min
Delta R.T.: -0.005 min
Response: 420672
Conc: 3.60 ng/ml

Instrument :
ECD_D
ClientSampleId :



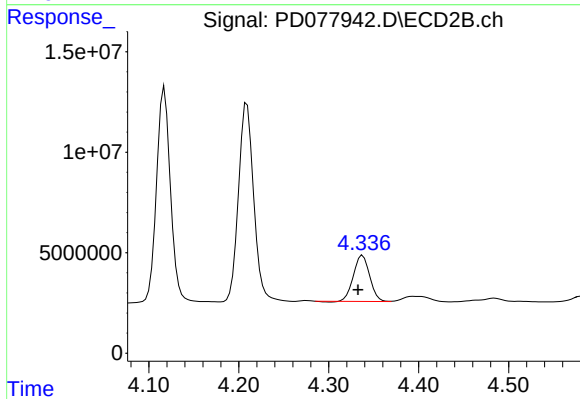
#23 Chlordane-1

R.T.: 3.763 min
Delta R.T.: 0.006 min
Response: 546002
Conc: 9.59 ng/ml



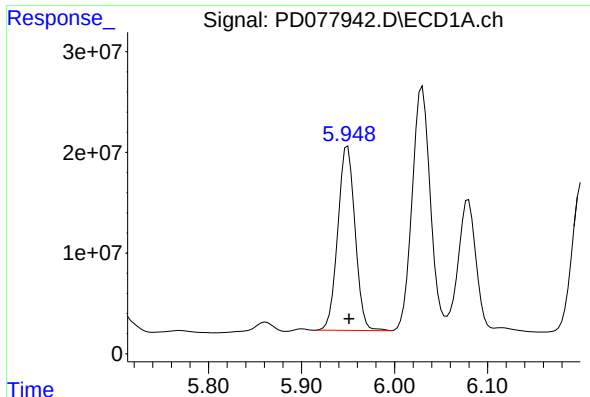
#24 Chlordane-2

R.T.: 5.264 min
Delta R.T.: 0.026 min
Response: 248164622
Conc: 1944.38 ng/ml



#24 Chlordane-2

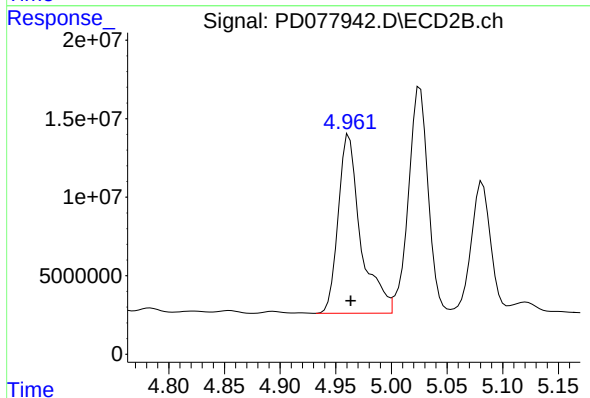
R.T.: 4.338 min
Delta R.T.: 0.005 min
Response: 28703574
Conc: 450.67 ng/ml



#25 Chlordane-3

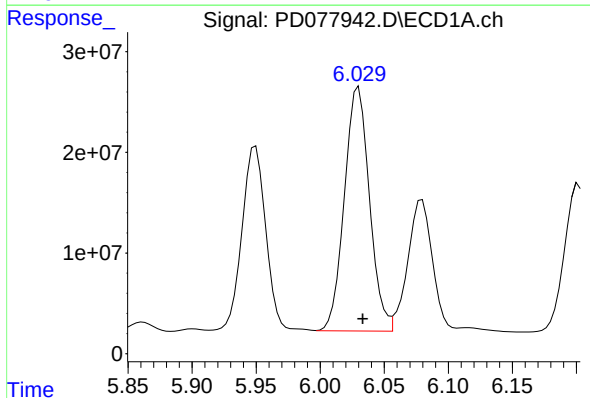
R.T.: 5.950 min
Delta R.T.: -0.001 min
Response: 235963949
Conc: 469.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



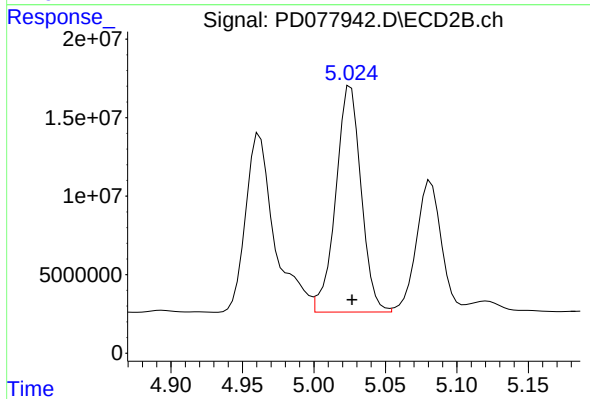
#25 Chlordane-3

R.T.: 4.962 min
Delta R.T.: -0.002 min
Response: 160215711
Conc: 816.58 ng/ml



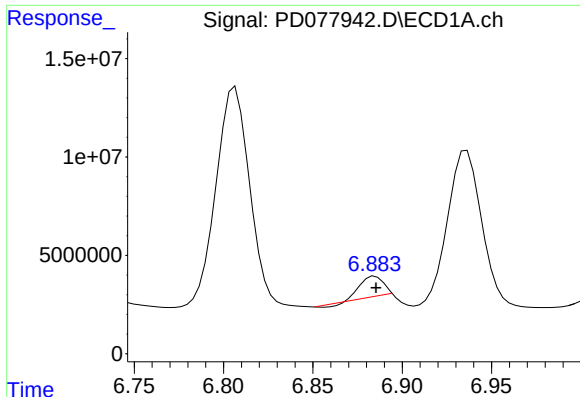
#26 Chlordane-4

R.T.: 6.030 min
Delta R.T.: -0.003 min
Response: 330500192
Conc: 536.52 ng/ml



#26 Chlordane-4

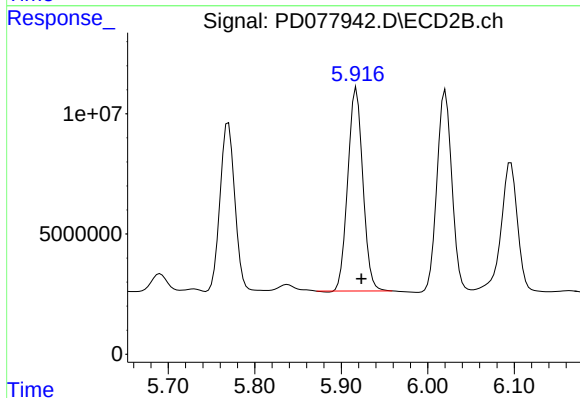
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 178200163
Conc: 941.75 ng/ml



#27 Chlordane-5

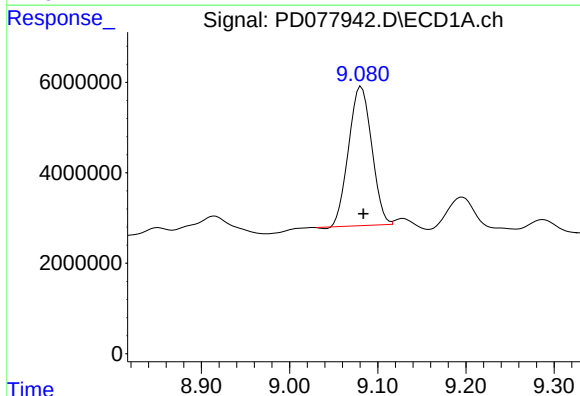
R.T.: 6.885 min
Delta R.T.: 0.000 min
Response: 9388934
Conc: 92.76 ng/ml

Instrument :
ECD_D
ClientSampleId :



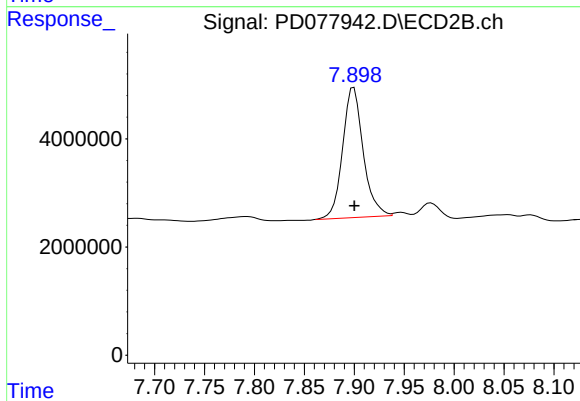
#27 Chlordane-5

R.T.: 5.918 min
Delta R.T.: -0.006 min
Response: 101825557
Conc: 1582.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: -0.002 min
Response: 55851897
Conc: 18.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 34497108
Conc: 19.99 ng/ml