

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041324\
 Data File : PD082393.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2024 10:14
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 13:16:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041324.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 12 13:12:57 2024
 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...	3.565	2.776	32562810	74291605	20.114	18.886
2)	SA Decachlor...	9.123	7.912	44301191	68276330	20.600	19.697
Target Compounds							
2)	A alpha-BHC	4.023	3.277	26663319	56066880	9.337	9.474
3)	MA gamma-BHC...	4.357	3.606	25637143	49493728	9.253	8.932
5)	MB Aldrin	0.000	4.236	0	308187	N.D.	0.057 #
6)	B beta-BHC	4.553	3.902	11242374	22346742	10.206	10.065
12)	B 4,4'-DDE	6.232	5.233	239003	586926	0.104	0.139 #
14)	MA Endrin	6.617	5.636	87887058	181.8E6	43.798	45.596
15)	B Endosulfa...	6.842	5.946f	1729595	170825	0.800	0.045 #
16)	A 4,4'-DDD	6.748	5.786	301700	458914	0.172	0.134
17)	MA 4,4'-DDT	7.065	6.035	180.8E6	355.3E6	95.405	101.280
18)	B Endrin al...	6.965	6.111	2050238	4762210	1.308	1.664 #
19)	B Endosulfa...	0.000	6.318	0	241645	N.D.	0.067 #
20)	A Methoxychlor	7.540	6.610	233.4E6	436.3E6	222.273	229.534
21)	B Endrin ke...	7.688	6.838	3943232	8351629	1.858	2.000
22)	Mirex	8.189f	7.033	20936	149068	0.013	0.046 #
23)	Chlordane-1	0.000	3.807f	0	448819	N.D.	3.084 #
24)	Chlordane-2	0.000	4.325f	0	2354656	N.D.	14.284 #
27)	Chlordane-5	0.000	5.946	0	170825	N.D.	1.101 #

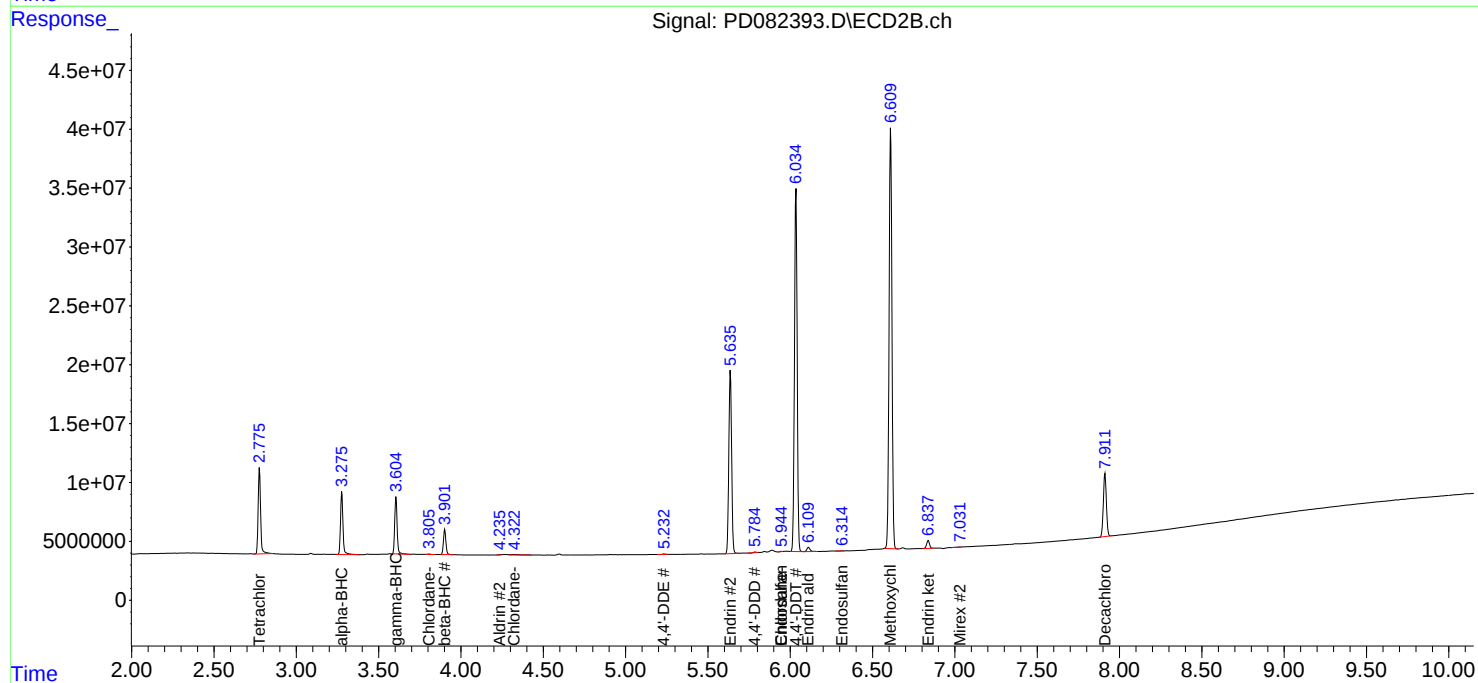
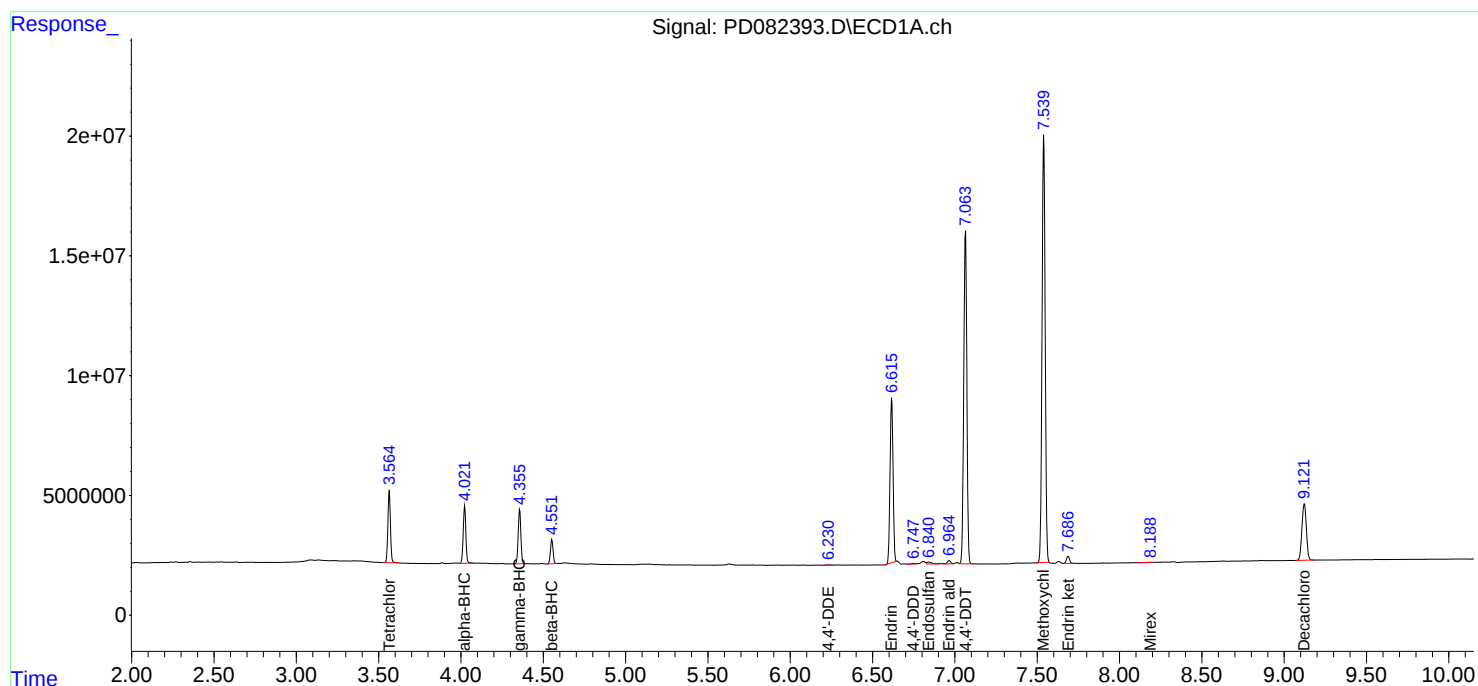
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

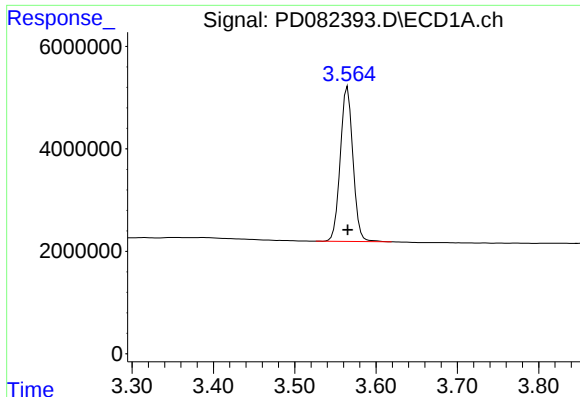
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ALS Vial : 3 Sample Multiplier: 1

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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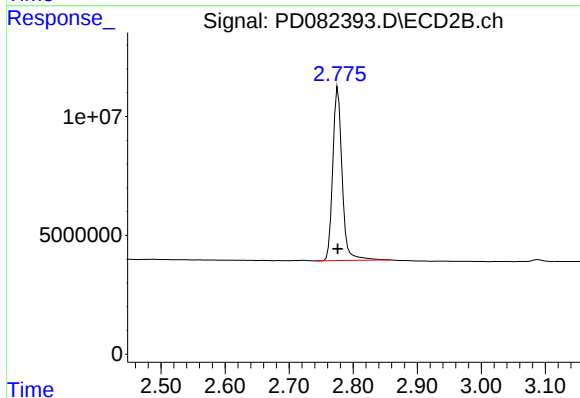




#1 Tetrachloro-m-xylene

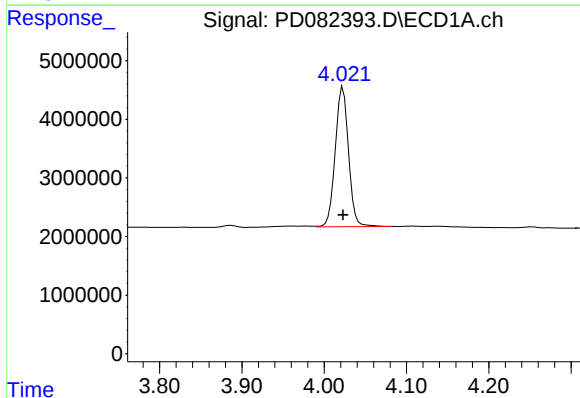
R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 32562810
Conc: 20.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



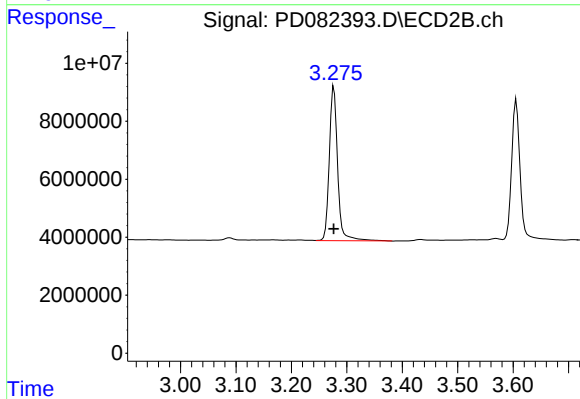
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 74291605
Conc: 18.89 ng/ml



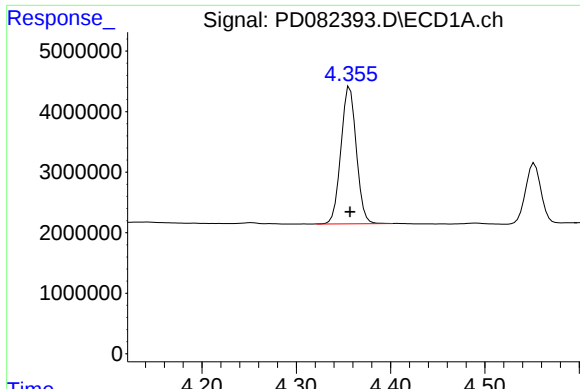
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 26663319
Conc: 9.34 ng/ml



#2 alpha-BHC

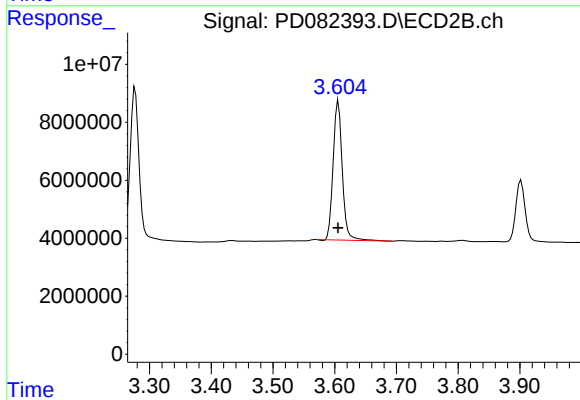
R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 56066880
Conc: 9.47 ng/ml



#3 gamma-BHC (Lindane)

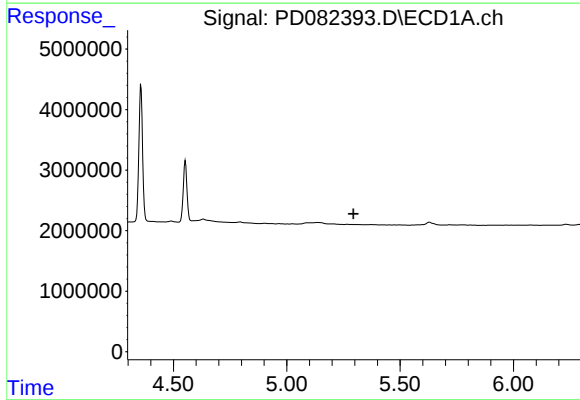
R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 25637143
Conc: 9.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



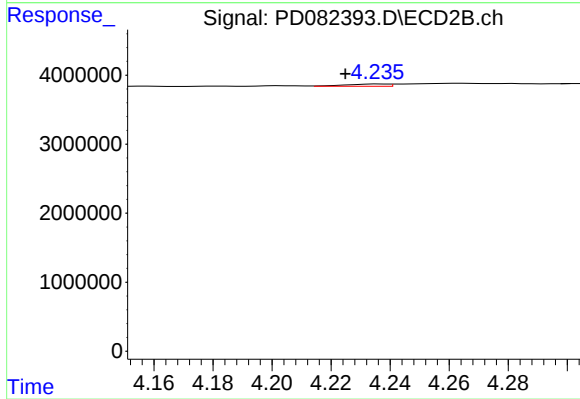
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 49493728
Conc: 8.93 ng/ml



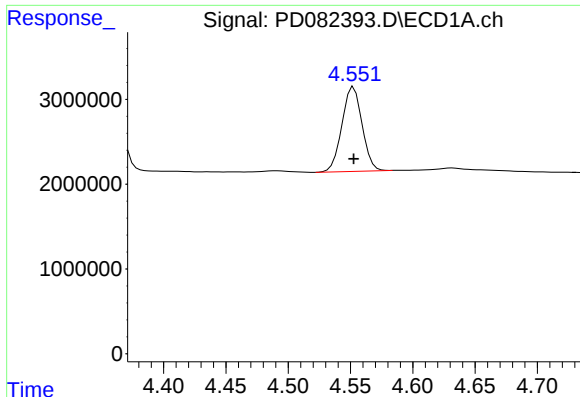
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.294 min
Response: 0
Conc: N.D.



#5 Aldrin

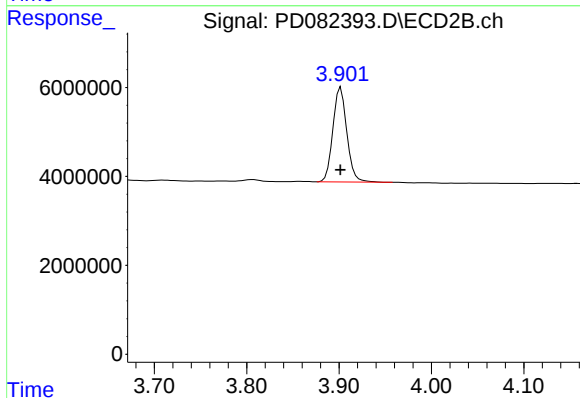
R.T.: 4.236 min
Delta R.T.: 0.011 min
Response: 308187
Conc: 0.06 ng/ml



#6 beta-BHC

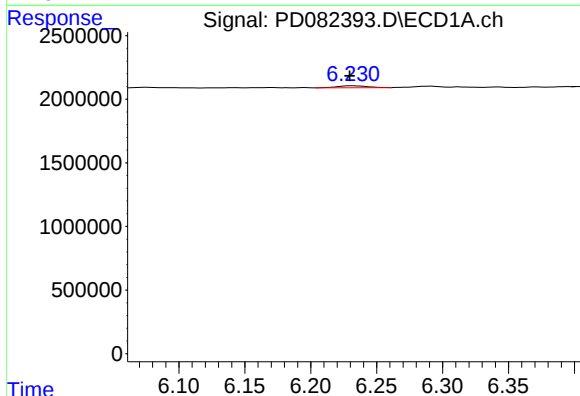
R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 11242374
Conc: 10.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



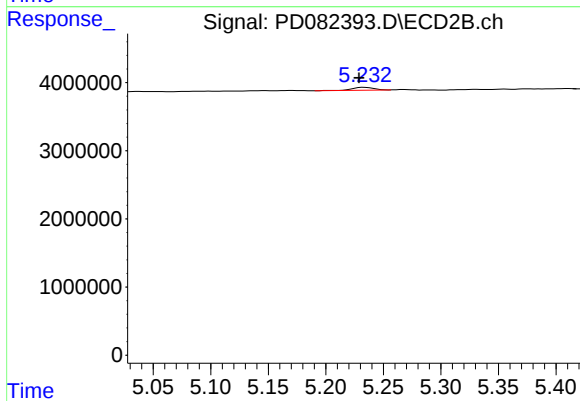
#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: 0.000 min
Response: 22346742
Conc: 10.07 ng/ml



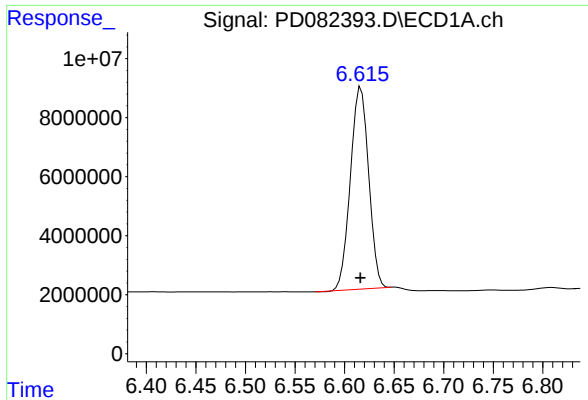
#12 4,4'-DDE

R.T.: 6.232 min
Delta R.T.: 0.002 min
Response: 239003
Conc: 0.10 ng/ml



#12 4,4'-DDE

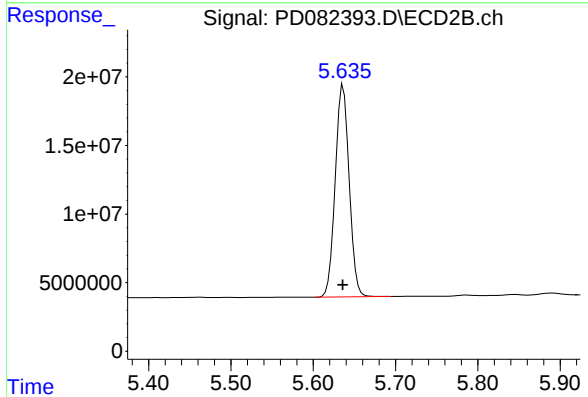
R.T.: 5.233 min
Delta R.T.: 0.004 min
Response: 586926
Conc: 0.14 ng/ml



#14 Endrin

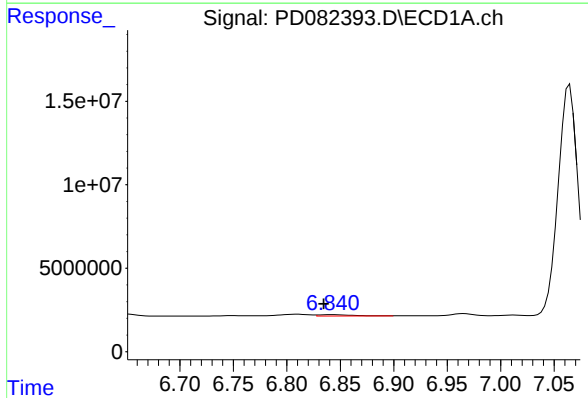
R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 87887058
Conc: 43.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



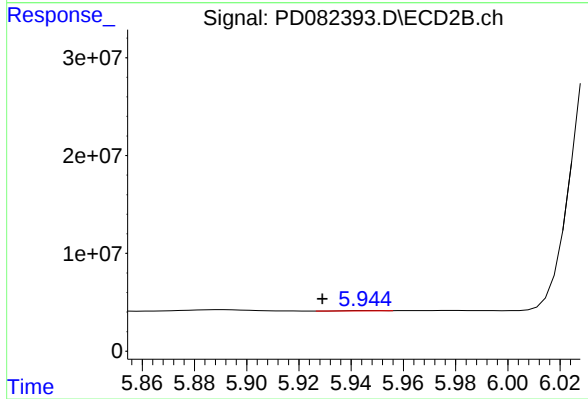
#14 Endrin

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 181828107
Conc: 45.60 ng/ml



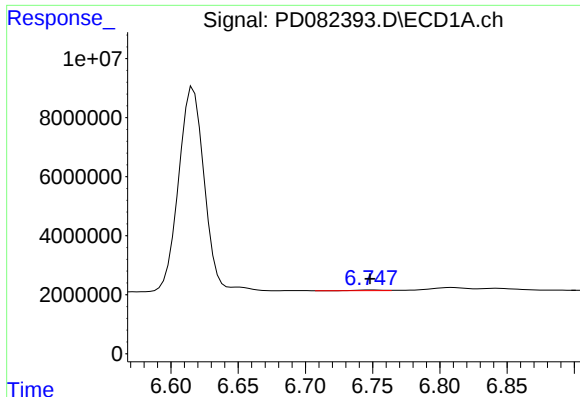
#15 Endosulfan II

R.T.: 6.842 min
Delta R.T.: 0.007 min
Response: 1729595
Conc: 0.80 ng/ml



#15 Endosulfan II

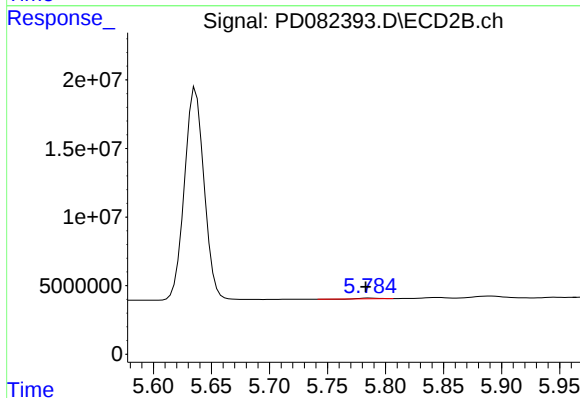
R.T.: 5.946 min
Delta R.T.: 0.017 min
Response: 170825
Conc: 0.04 ng/ml



#16 4,4'-DDD

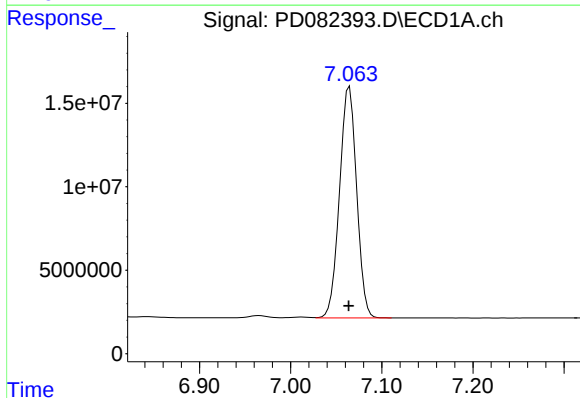
R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 301700
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



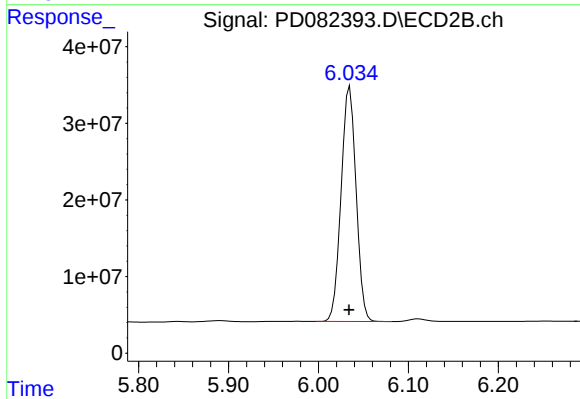
#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: 0.003 min
Response: 458914
Conc: 0.13 ng/ml



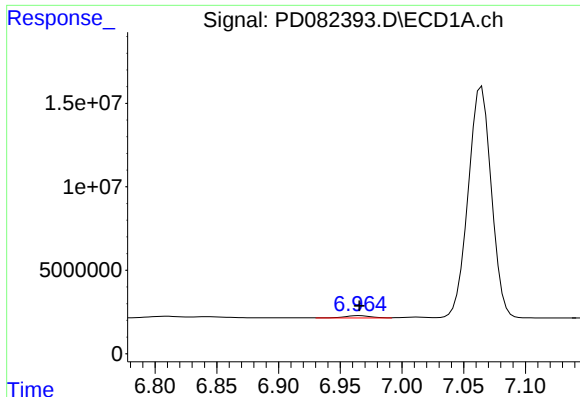
#17 4,4'-DDT

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 180812141
Conc: 95.40 ng/ml



#17 4,4'-DDT

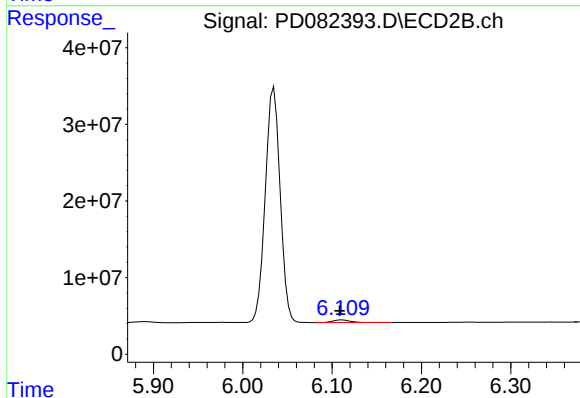
R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 355313907
Conc: 101.28 ng/ml



#18 Endrin aldehyde

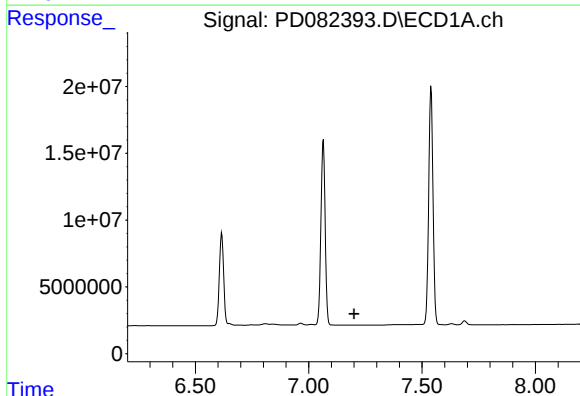
R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 2050238
Conc: 1.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



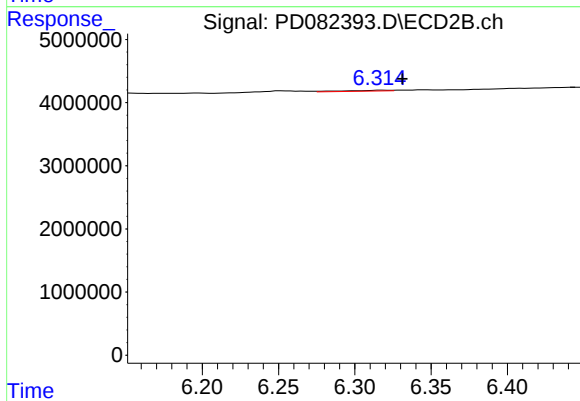
#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.002 min
Response: 4762210
Conc: 1.66 ng/ml



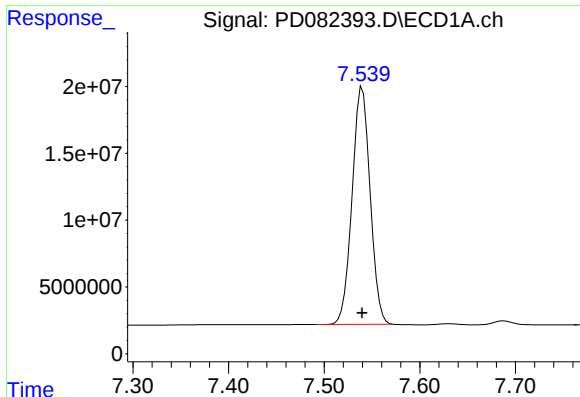
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.201 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

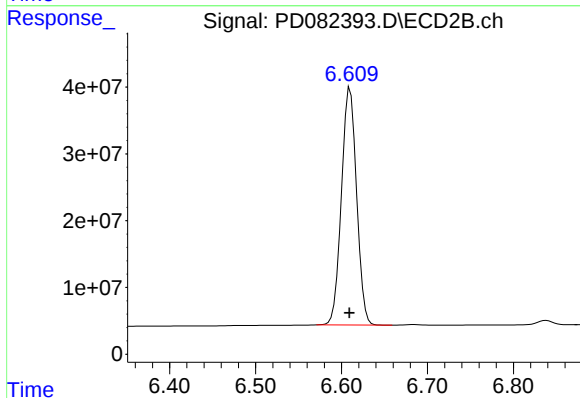
R.T.: 6.318 min
Delta R.T.: -0.013 min
Response: 241645
Conc: 0.07 ng/ml



#20 Methoxychlor

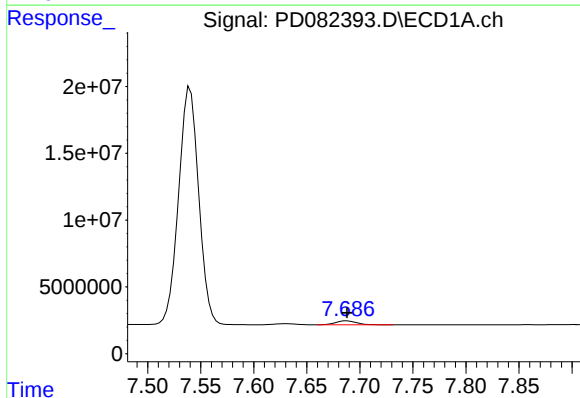
R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 233358029
Conc: 222.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



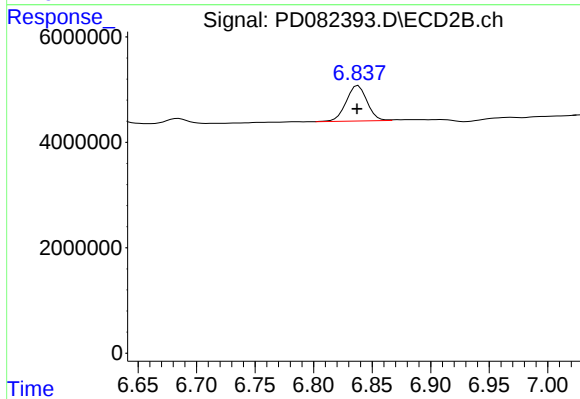
#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 436311950
Conc: 229.53 ng/ml



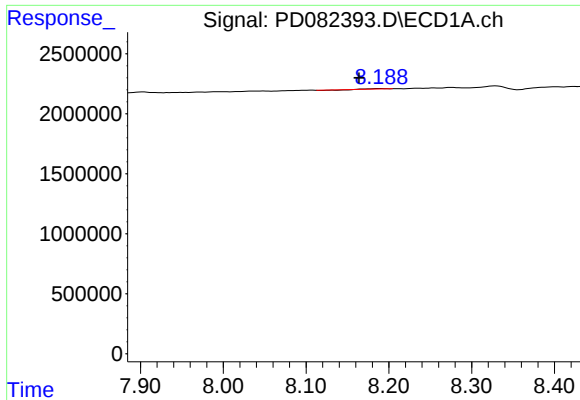
#21 Endrin ketone

R.T.: 7.688 min
Delta R.T.: 0.000 min
Response: 3943232
Conc: 1.86 ng/ml



#21 Endrin ketone

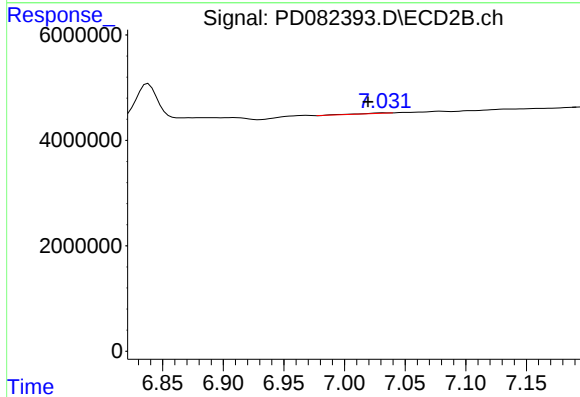
R.T.: 6.838 min
Delta R.T.: 0.001 min
Response: 8351629
Conc: 2.00 ng/ml



#22 Mirex

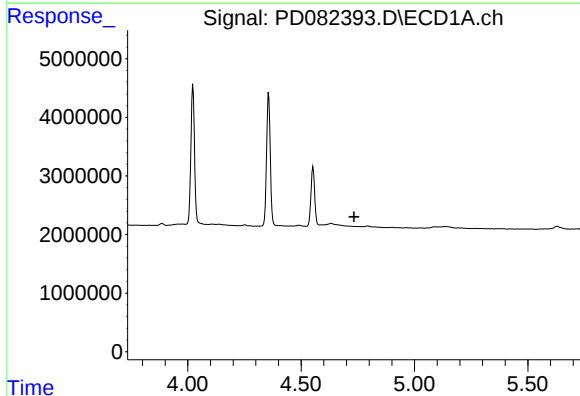
R.T.: 8.189 min
Delta R.T.: 0.025 min
Response: 20936
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



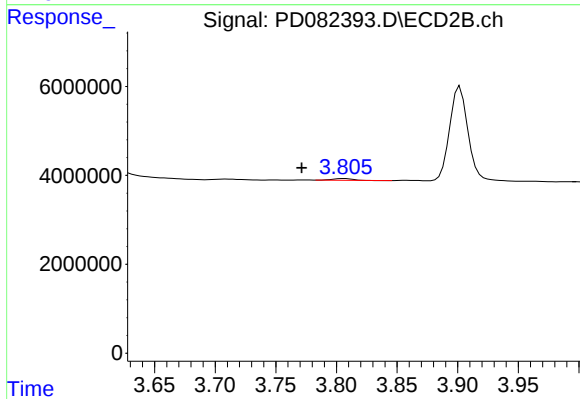
#22 Mirex

R.T.: 7.033 min
Delta R.T.: 0.014 min
Response: 149068
Conc: 0.05 ng/ml



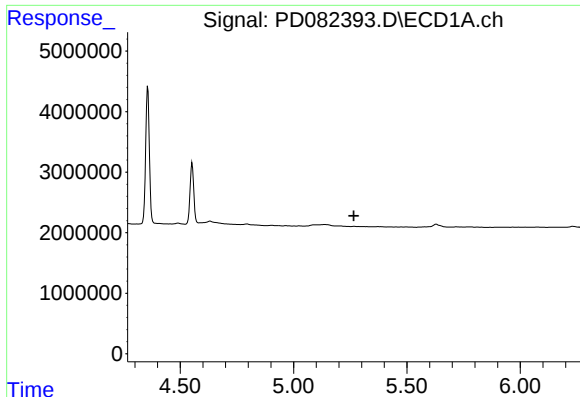
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.734 min
Response: 0
Conc: N.D.



#23 Chlordane-1

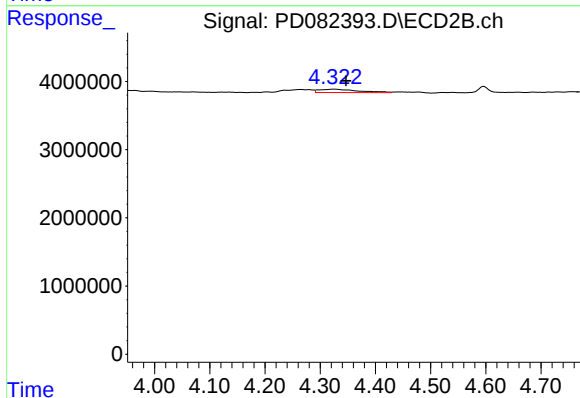
R.T.: 3.807 min
Delta R.T.: 0.035 min
Response: 448819
Conc: 3.08 ng/ml



#24 Chlordane-2

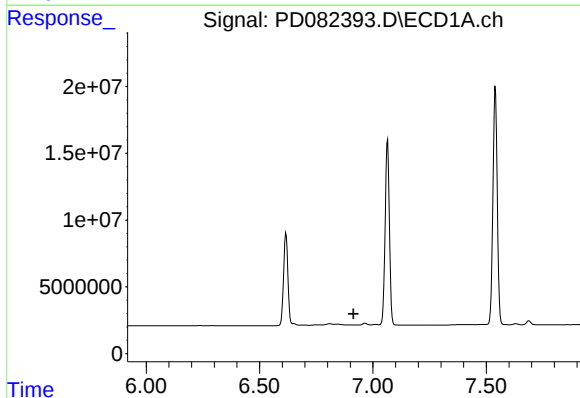
R.T.: 0.000 min
Exp R.T.: 5.266 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



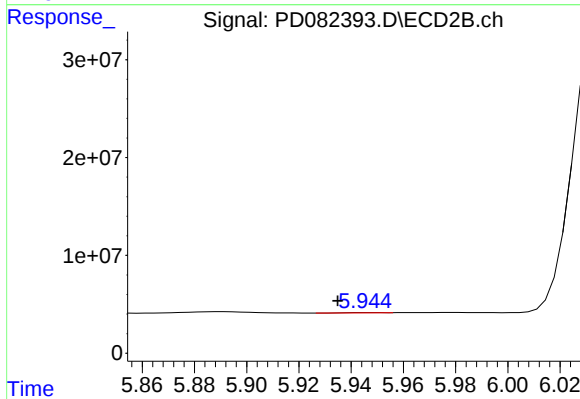
#24 Chlordane-2

R.T.: 4.325 min
Delta R.T.: -0.021 min
Response: 2354656
Conc: 14.28 ng/ml



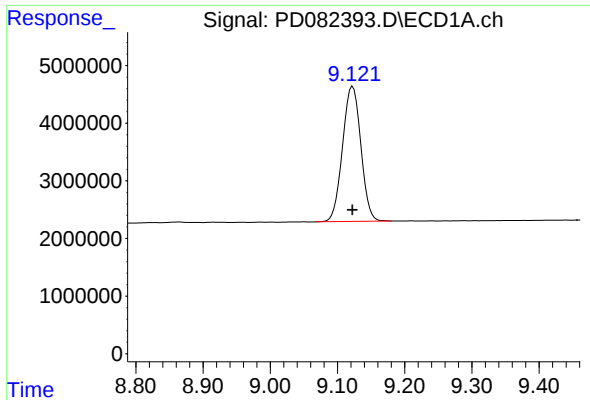
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.915 min
Response: 0
Conc: N.D.



#27 Chlordane-5

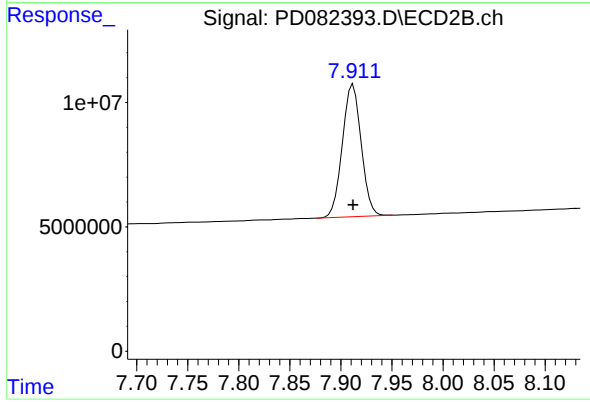
R.T.: 5.946 min
Delta R.T.: 0.011 min
Response: 170825
Conc: 1.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.123 min
Delta R.T.: 0.000 min
Response: 44301191
Conc: 20.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 68276330
Conc: 19.70 ng/ml