

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070325\
 Data File : PD089315.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 19:50
 Operator : AR\AJ
 Sample : Q2473-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PIT#3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 01:43:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 2025
 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...	3.550	2.881	34854430	272.3E6	12.216	16.062 #
2)	SA Decachlor...	9.074	8.072	50618536	161.8E6	12.888	8.186 #
Target Compounds							
2)	A alpha-BHC	4.024f	3.411f	4940093	10292368	0.847	0.384 #
3)	MA gamma-BHC...	4.342	3.708f	5766237	27263998	1.033	1.101
4)	MA Heptachlor	4.929	4.083	34596053	275.3E6	6.346	10.995 #
5)	MB Aldrin	5.270	4.369	85033706	381.8E6	16.005	15.765
6)	B beta-BHC	4.541f	4.028	2724581	29089141	1.234	2.707 #
7)	B delta-BHC	0.000	4.274	0	48838617	N.D.	1.963 #
8)	B Heptachlo...	5.673f	4.873	18424494	38842706	3.819	1.774 #
9)	A Endosulfan I	0.000	5.259	0	32041942	N.D.	1.537 #
10)	B gamma-Chl...	5.946	5.126	162.7E6	585.0E6	33.971	24.455 #
11)	B alpha-Chl...	6.031	5.190	237.0E6	653.8E6	48.977	28.556 #
12)	B 4,4'-DDE	6.196	5.375	54553925	317.7E6	12.509	13.862
13)	MA Dieldrin	6.347	5.510	89331	93417354	0.019	4.025 #
14)	MA Endrin	6.574	5.794	1739594	138.4E6	0.422	6.376 #
15)	B Endosulfa...	6.801	6.089	920708	187.0E6	0.228	9.257 #
16)	A 4,4'-DDD	6.703	5.929	12823630	58332084	3.736	3.049
17)	MA 4,4'-DDT	7.021	6.183	73471297	344.3E6	19.395	16.976
18)	B Endrin al...	6.930f	0.000	1465721	0	0.478	N.D. #
19)	B Endosulfa...	7.164f	6.481	2131121	7815873	0.555	0.398 #
20)	A Methoxychlor	7.507	6.735f	298848	17012707	0.148	1.580 #
21)	B Endrin ke...	7.617	6.969f	2514850	12479587	0.617	0.578
22)	Mirex	8.116	7.182	545790	3552526	0.180	0.213
23)	Chlordane-1	4.715	3.905	39825995	339.1E6	186.082	363.705 #
24)	Chlordane-2	5.241	4.487	55713973	256.9E6	255.201	269.923
25)	Chlordane-3	5.946	5.126	162.7E6	585.0E6	188.590	196.966
26)	Chlordane-4	6.031	5.190	237.0E6	653.8E6	225.542	260.836
27)	Chlordane-5	6.871	6.089	40869170	187.0E6	223.623	165.216 #

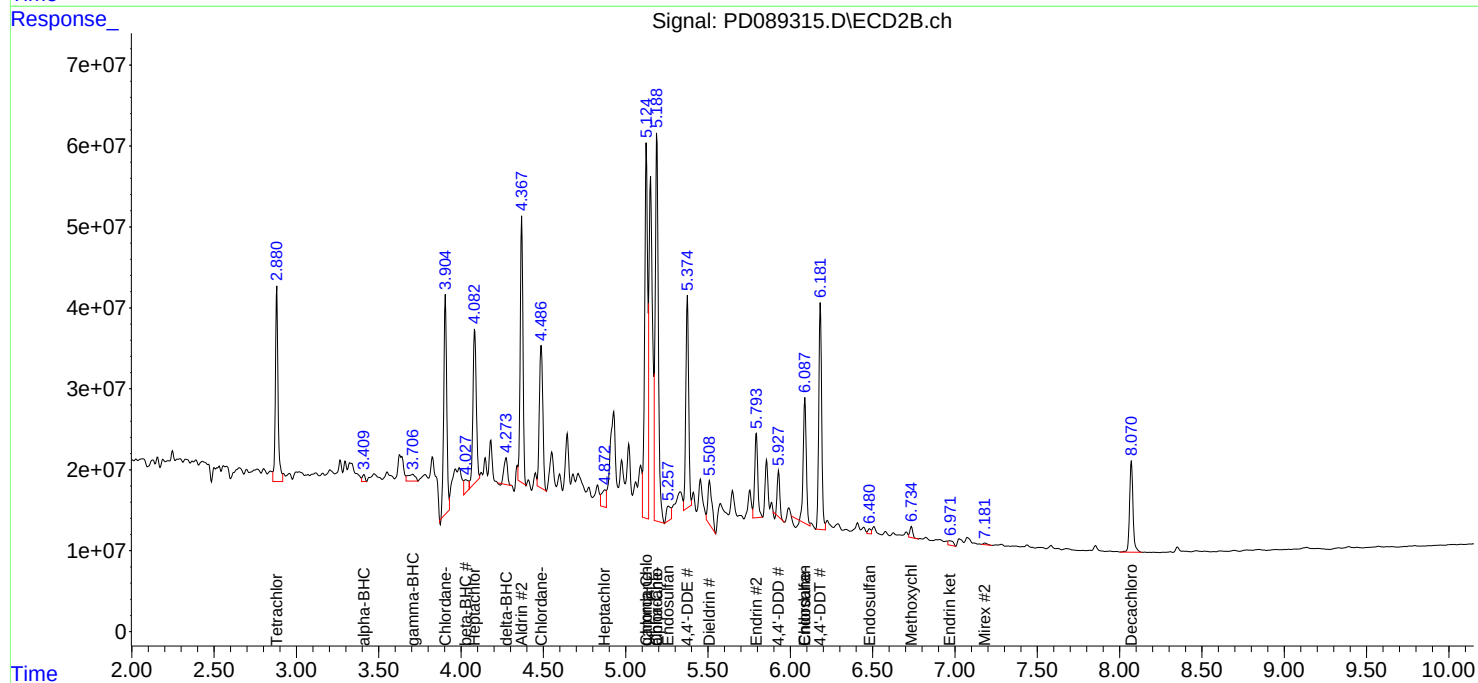
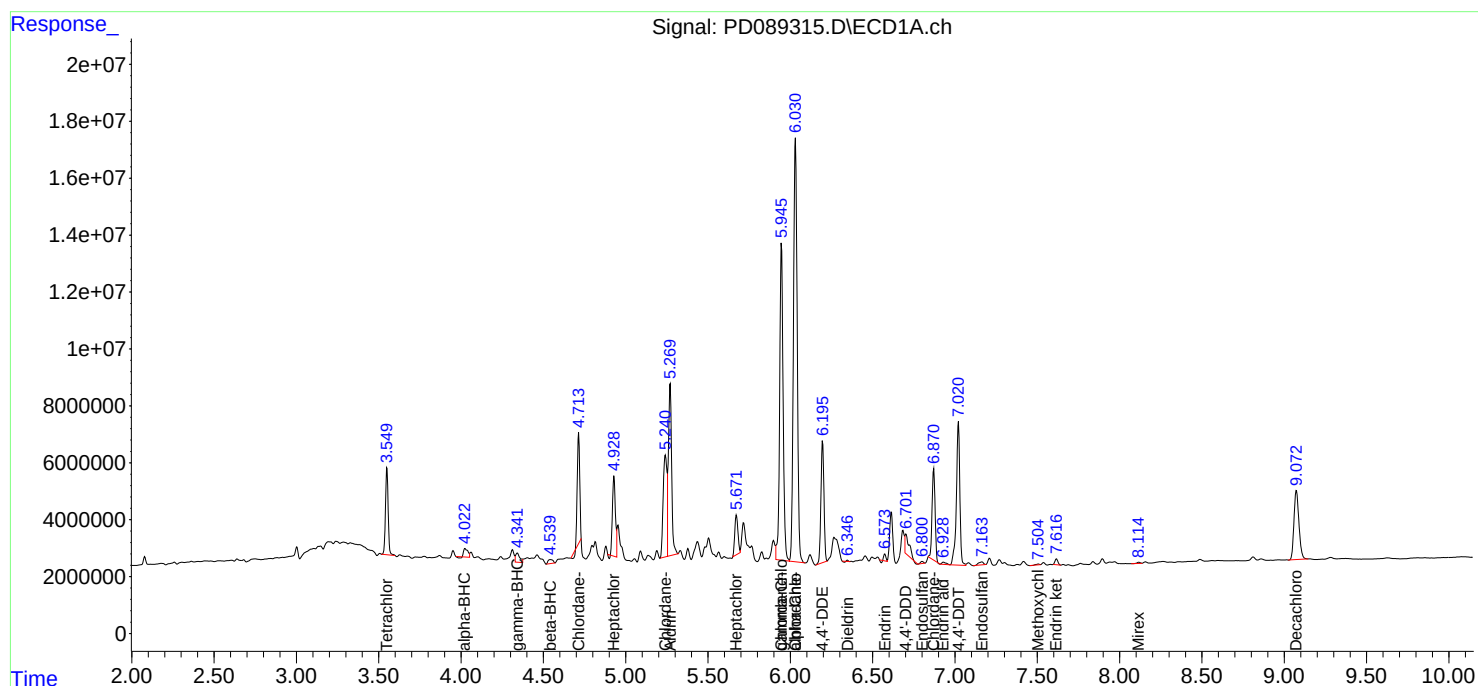
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

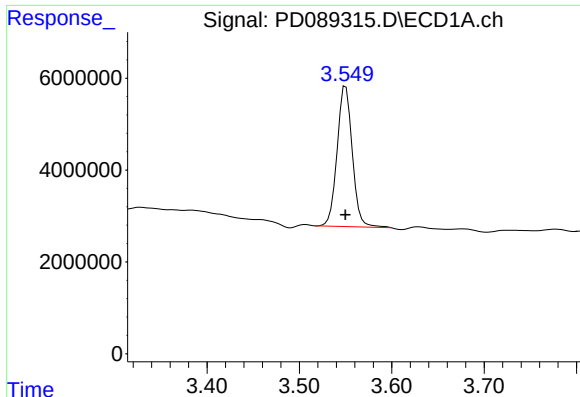
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070325\
Data File : PD089315.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 19:50
Operator : AR\AJ
Sample : Q2473-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PIT#3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 01:43:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 2025
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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

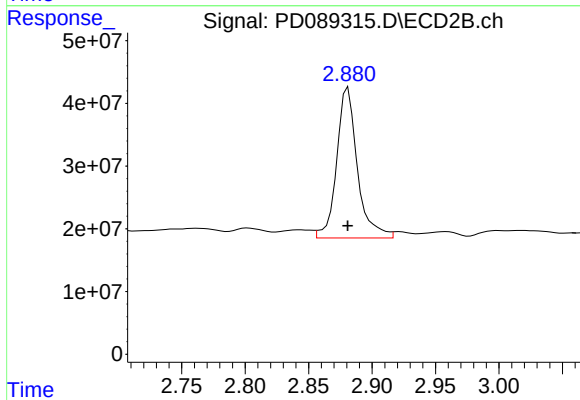




#1 Tetrachloro-m-xylene

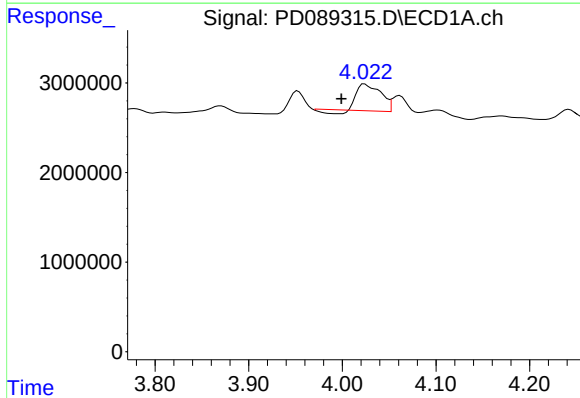
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 34854430
Conc: 12.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#3



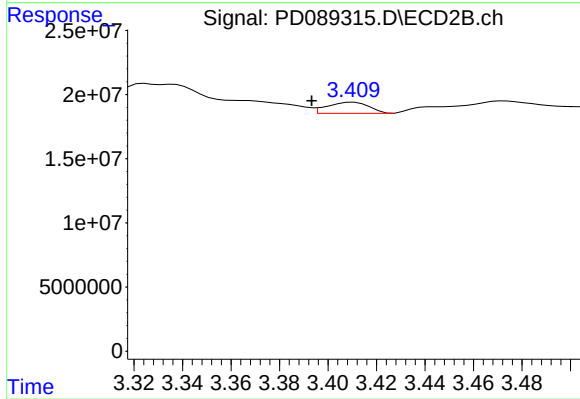
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 272293990
Conc: 16.06 ng/ml



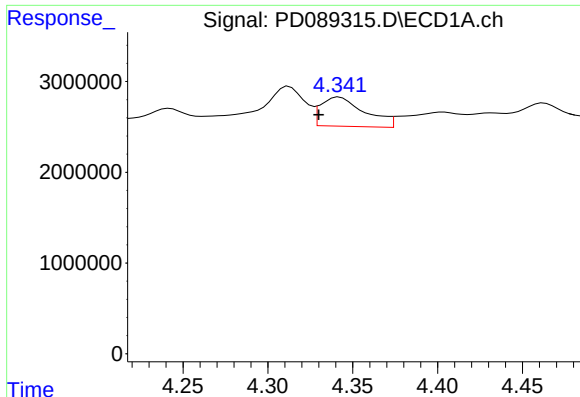
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: 0.025 min
Response: 4940093
Conc: 0.85 ng/ml



#2 alpha-BHC

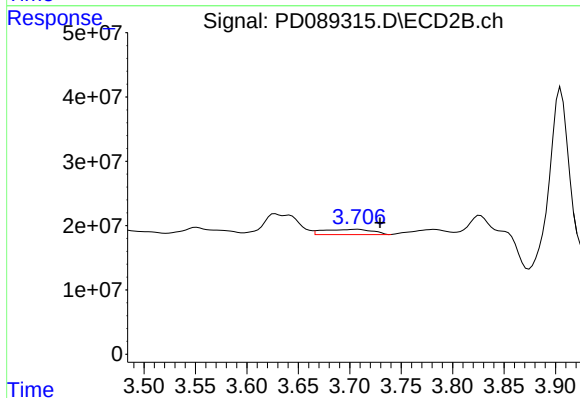
R.T.: 3.411 min
Delta R.T.: 0.017 min
Response: 10292368
Conc: 0.38 ng/ml



#3 gamma-BHC (Lindane)

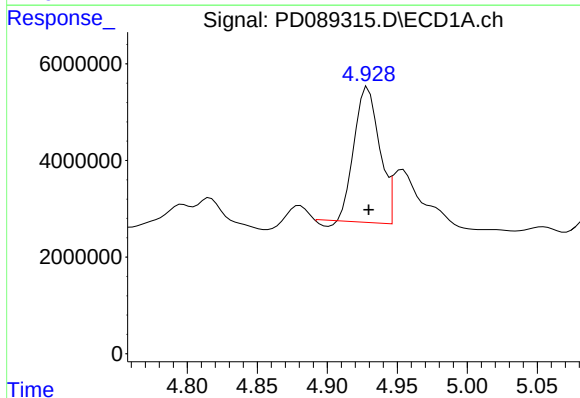
R.T.: 4.342 min
Delta R.T.: 0.012 min
Response: 5766237
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#3



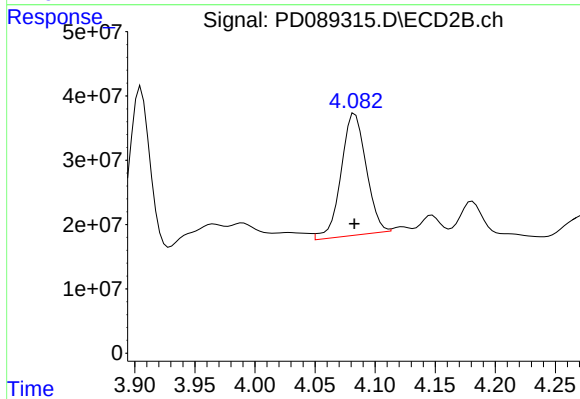
#3 gamma-BHC (Lindane)

R.T.: 3.708 min
Delta R.T.: -0.022 min
Response: 27263998
Conc: 1.10 ng/ml



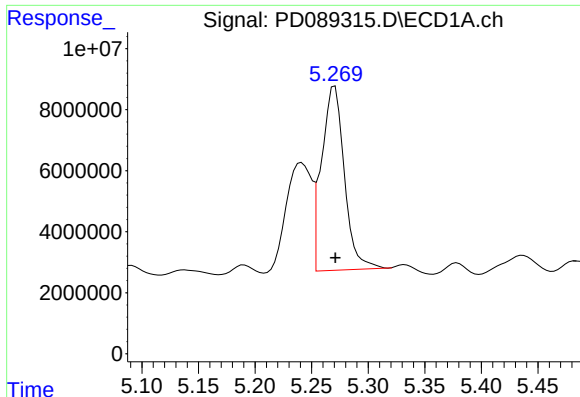
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 34596053
Conc: 6.35 ng/ml



#4 Heptachlor

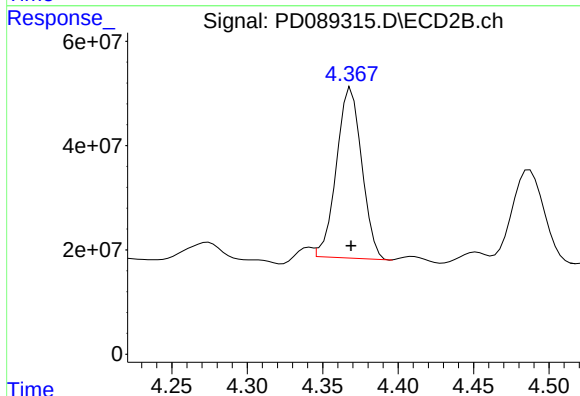
R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 275302707
Conc: 11.00 ng/ml



#5 Aldrin

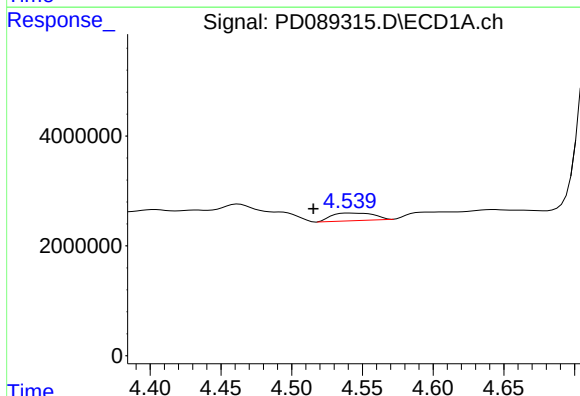
R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 85033706
Conc: 16.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#3



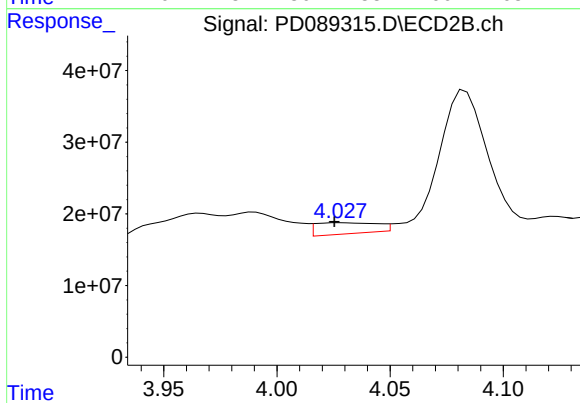
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 381787429
Conc: 15.77 ng/ml



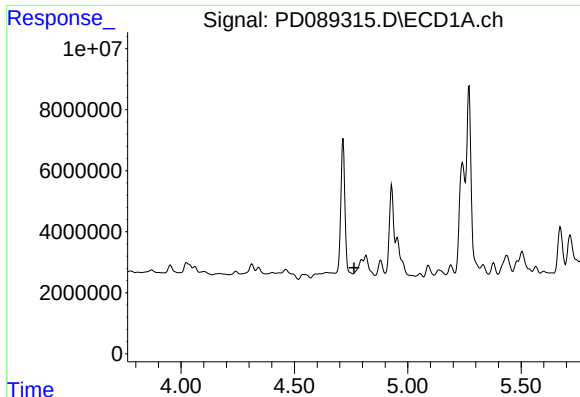
#6 beta-BHC

R.T.: 4.541 min
Delta R.T.: 0.025 min
Response: 2724581
Conc: 1.23 ng/ml



#6 beta-BHC

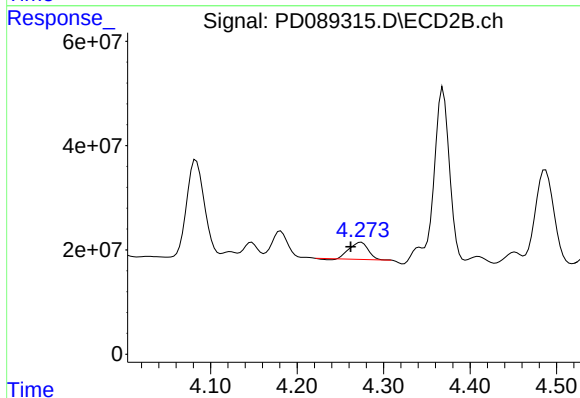
R.T.: 4.028 min
Delta R.T.: 0.003 min
Response: 29089141
Conc: 2.71 ng/ml



#7 delta-BHC

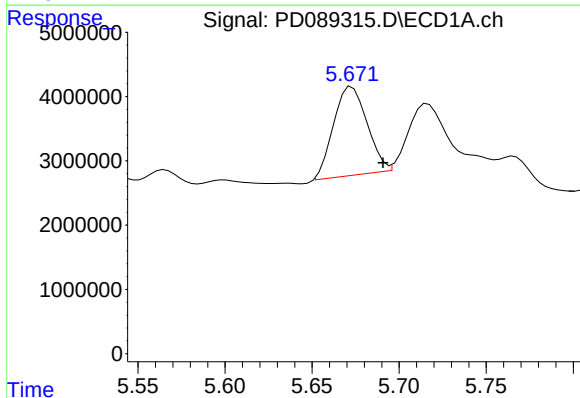
R.T.: 0.000 min
Exp R.T.: 4.764 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PIT#3



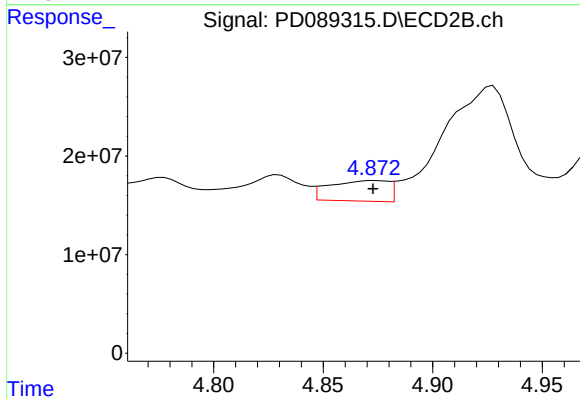
#7 delta-BHC

R.T.: 4.274 min
Delta R.T.: 0.012 min
Response: 48838617
Conc: 1.96 ng/ml



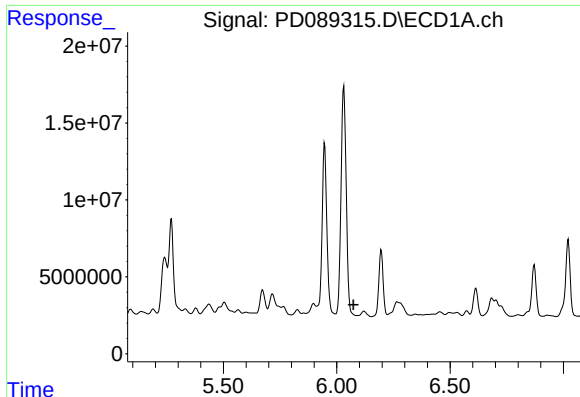
#8 Heptachlor epoxide

R.T.: 5.673 min
Delta R.T.: -0.018 min
Response: 18424494
Conc: 3.82 ng/ml



#8 Heptachlor epoxide

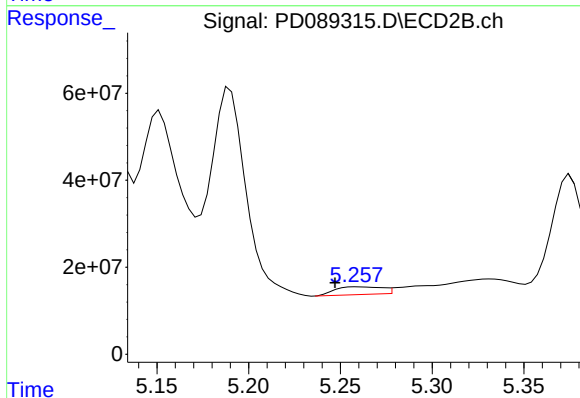
R.T.: 4.873 min
Delta R.T.: 0.000 min
Response: 38842706
Conc: 1.77 ng/ml



#9 Endosulfan I

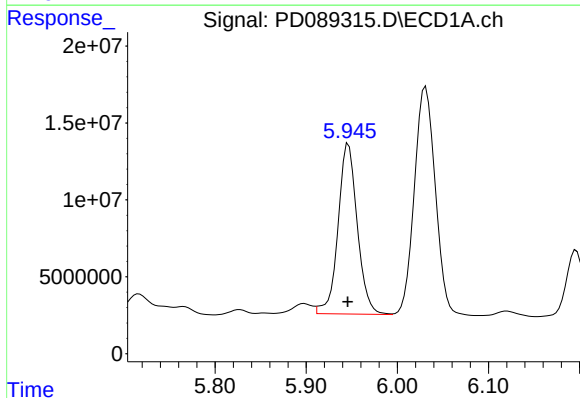
R.T.: 0.000 min
Exp R.T.: 6.074 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PIT#3



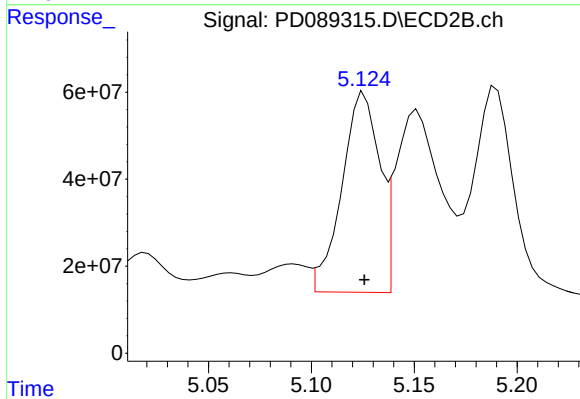
#9 Endosulfan I

R.T.: 5.259 min
Delta R.T.: 0.012 min
Response: 32041942
Conc: 1.54 ng/ml



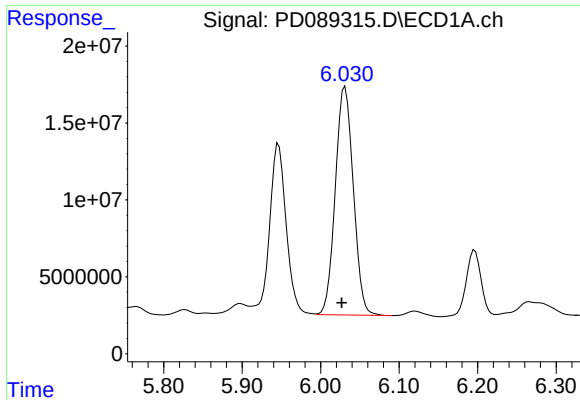
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 162655270
Conc: 33.97 ng/ml



#10 gamma-Chlordane

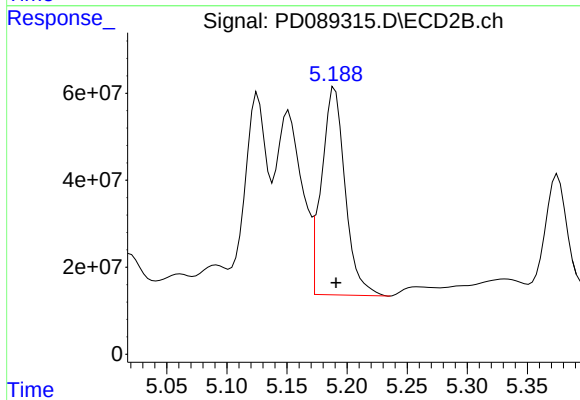
R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 585027371
Conc: 24.45 ng/ml



#11 alpha-Chlordane

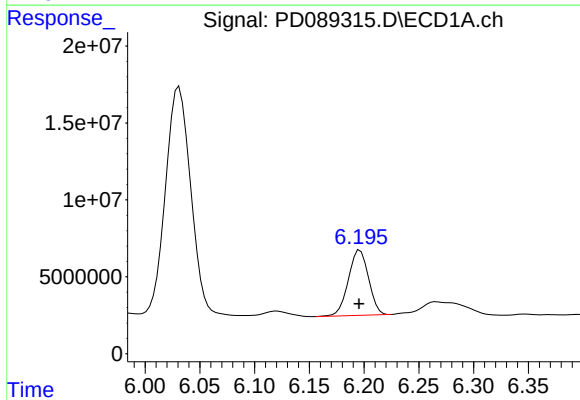
R.T.: 6.031 min
Delta R.T.: 0.004 min
Response: 236978517
Conc: 48.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#3



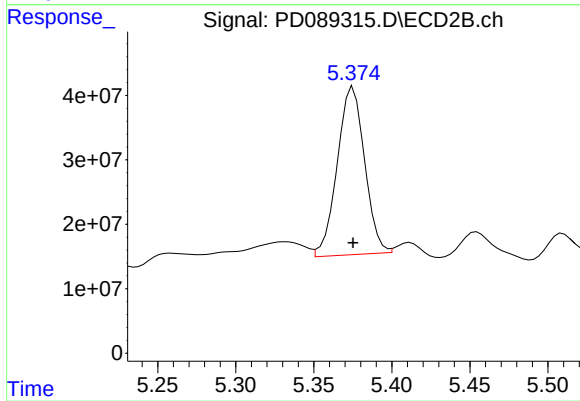
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 653841744
Conc: 28.56 ng/ml



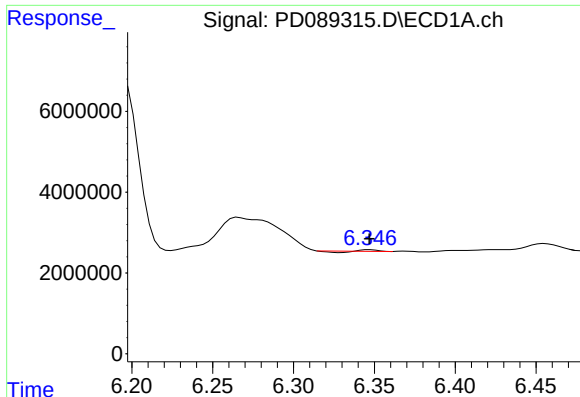
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 54553925
Conc: 12.51 ng/ml



#12 4,4'-DDE

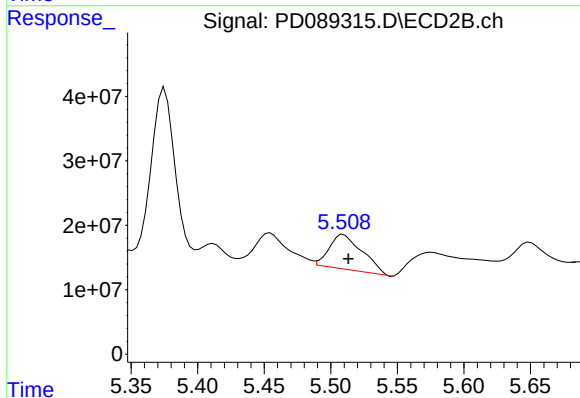
R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 317672423
Conc: 13.86 ng/ml



#13 Dieldrin

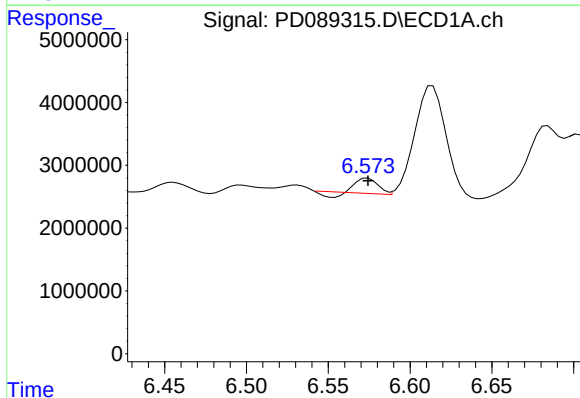
R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 89331
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#3



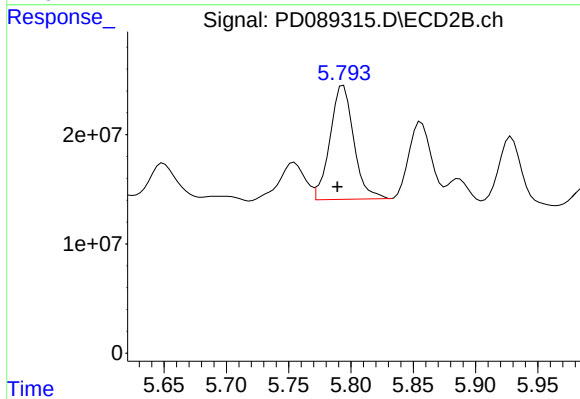
#13 Dieldrin

R.T.: 5.510 min
Delta R.T.: -0.004 min
Response: 93417354
Conc: 4.03 ng/ml



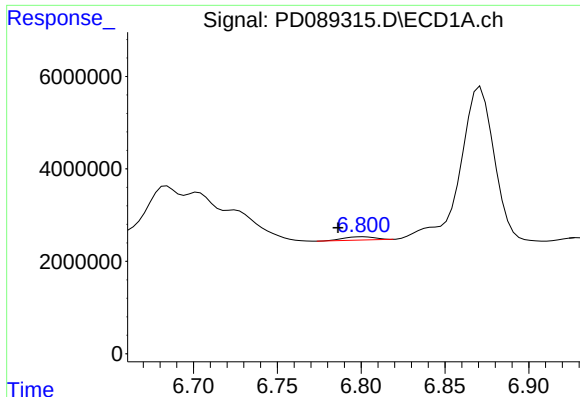
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 1739594
Conc: 0.42 ng/ml



#14 Endrin

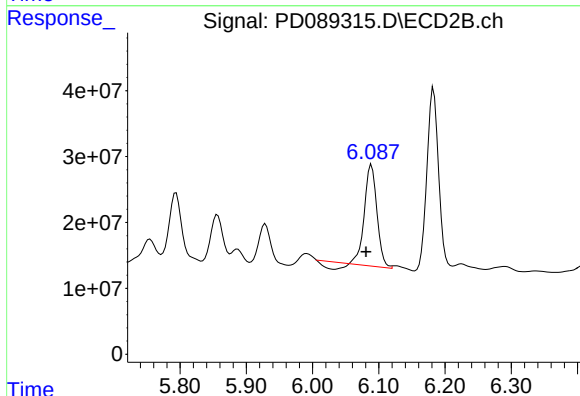
R.T.: 5.794 min
Delta R.T.: 0.005 min
Response: 138448044
Conc: 6.38 ng/ml



#15 Endosulfan II

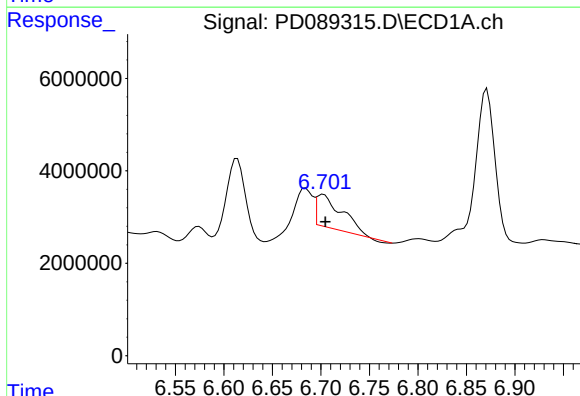
R.T.: 6.801 min
Delta R.T.: 0.015 min
Response: 920708
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#3



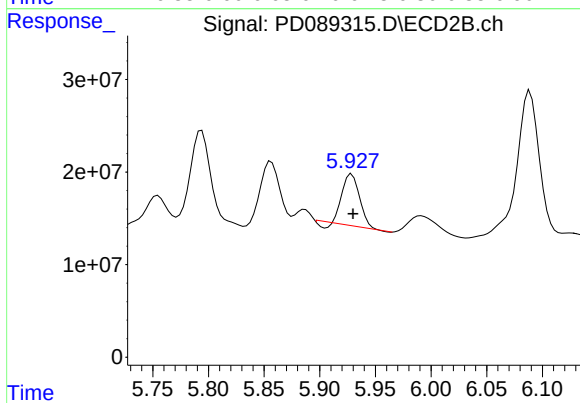
#15 Endosulfan II

R.T.: 6.089 min
Delta R.T.: 0.008 min
Response: 186968685
Conc: 9.26 ng/ml



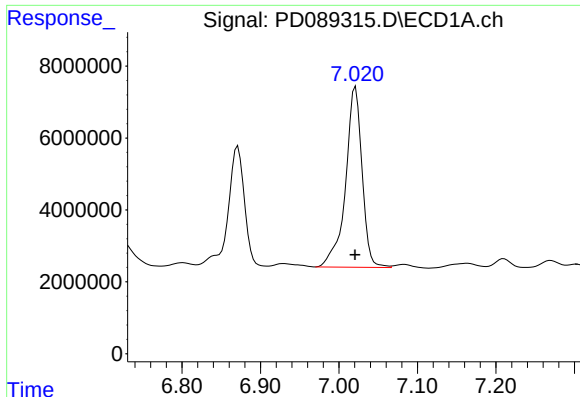
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: -0.002 min
Response: 12823630
Conc: 3.74 ng/ml



#16 4,4'-DDD

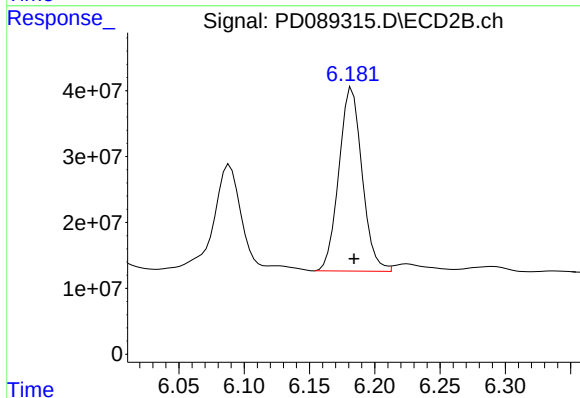
R.T.: 5.929 min
Delta R.T.: -0.001 min
Response: 58332084
Conc: 3.05 ng/ml



#17 4,4'-DDT

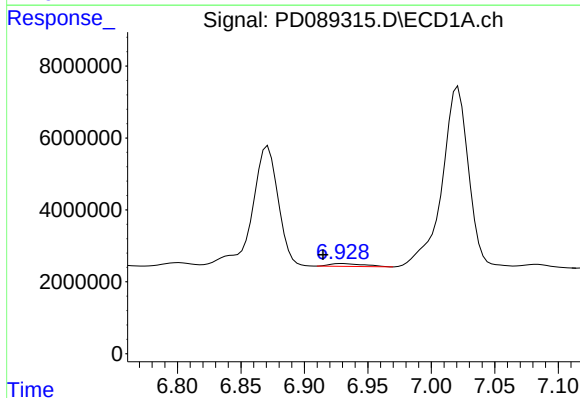
R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 73471297
Conc: 19.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#3



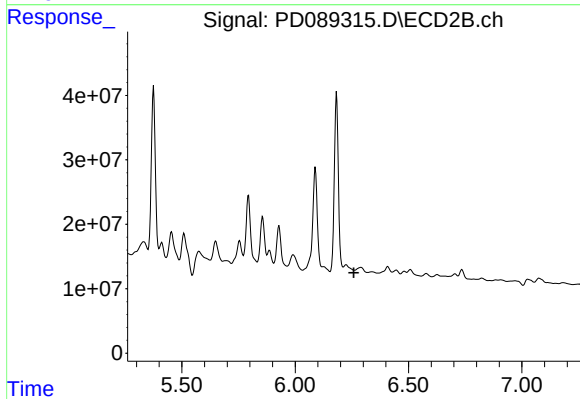
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.002 min
Response: 344260493
Conc: 16.98 ng/ml



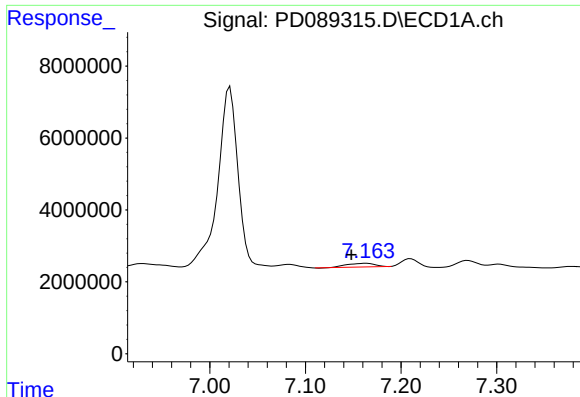
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.015 min
Response: 1465721
Conc: 0.48 ng/ml



#18 Endrin aldehyde

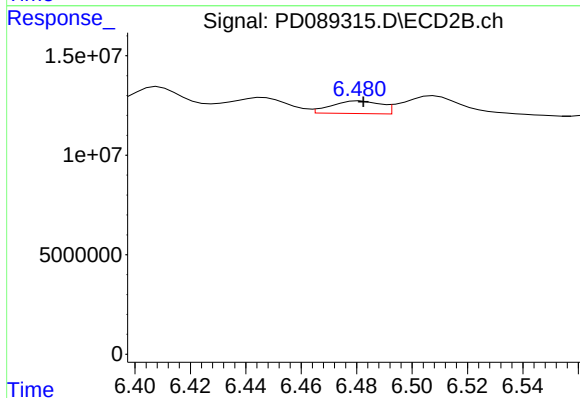
R.T.: 0.000 min
Exp R.T. : 6.259 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

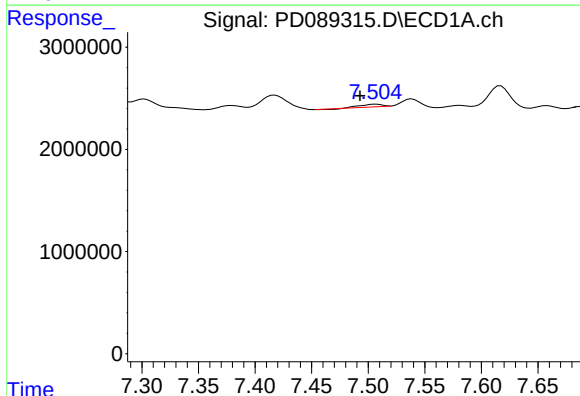
R.T.: 7.164 min
Delta R.T.: 0.016 min
Response: 2131121
Conc: 0.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#3



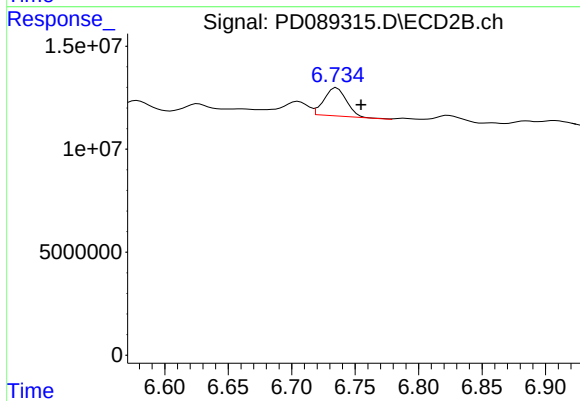
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.001 min
Response: 7815873
Conc: 0.40 ng/ml



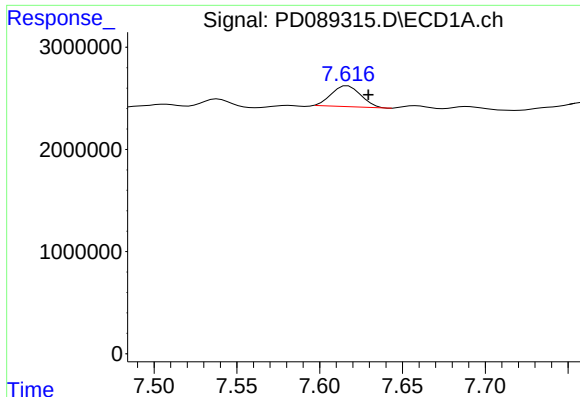
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.014 min
Response: 298848
Conc: 0.15 ng/ml



#20 Methoxychlor

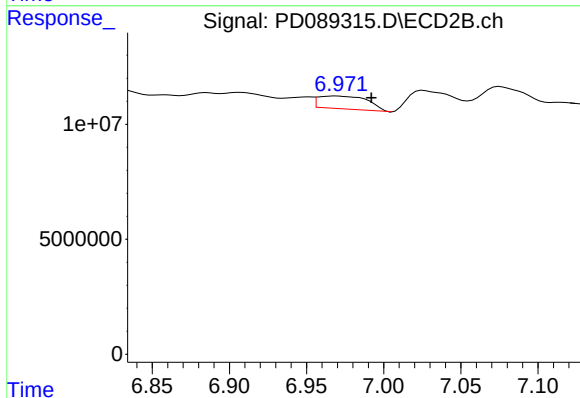
R.T.: 6.735 min
Delta R.T.: -0.019 min
Response: 17012707
Conc: 1.58 ng/ml



#21 Endrin ketone

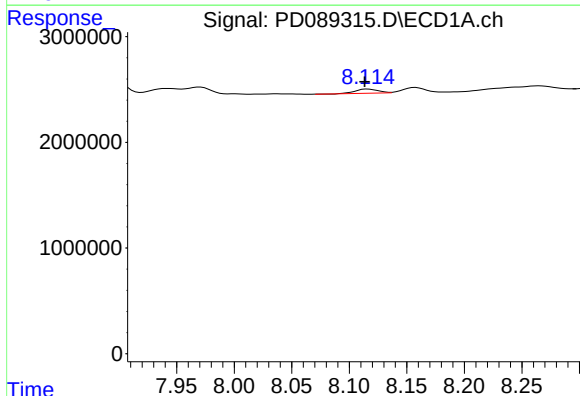
R.T.: 7.617 min
Delta R.T.: -0.012 min
Response: 2514850
Conc: 0.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#3



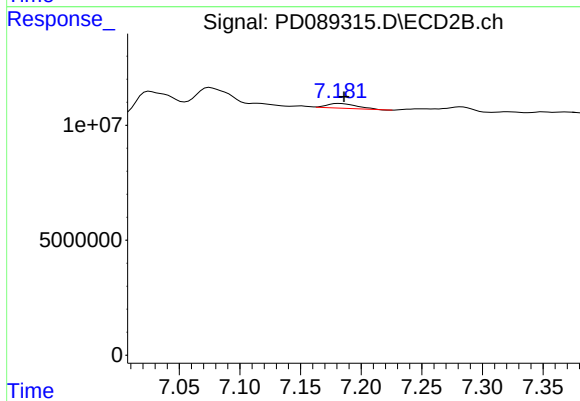
#21 Endrin ketone

R.T.: 6.969 min
Delta R.T.: -0.023 min
Response: 12479587
Conc: 0.58 ng/ml



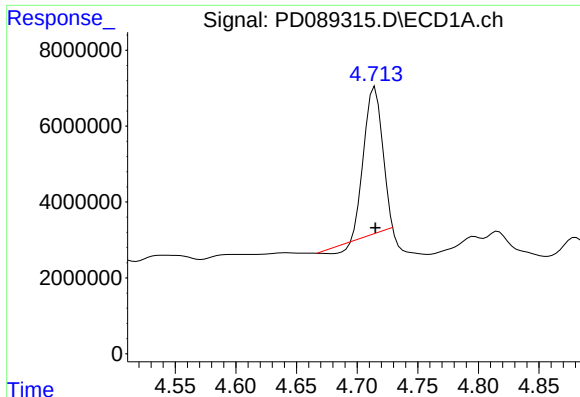
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.003 min
Response: 545790
Conc: 0.18 ng/ml



#22 Mirex

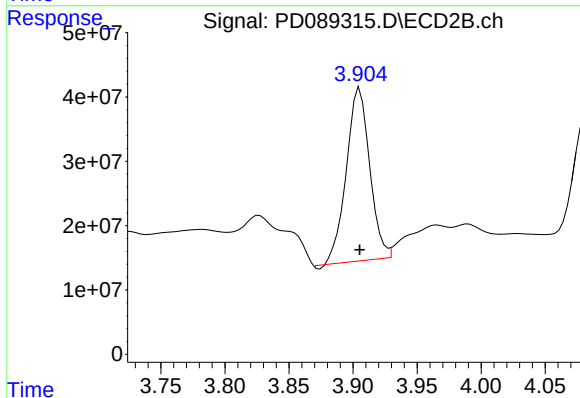
R.T.: 7.182 min
Delta R.T.: -0.003 min
Response: 3552526
Conc: 0.21 ng/ml



#23 Chlordane-1

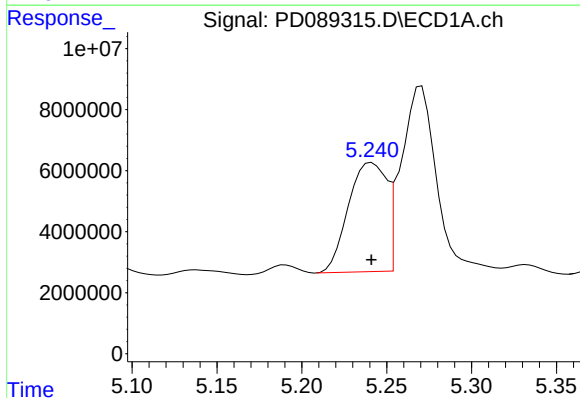
R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 39825995
Conc: 186.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#3



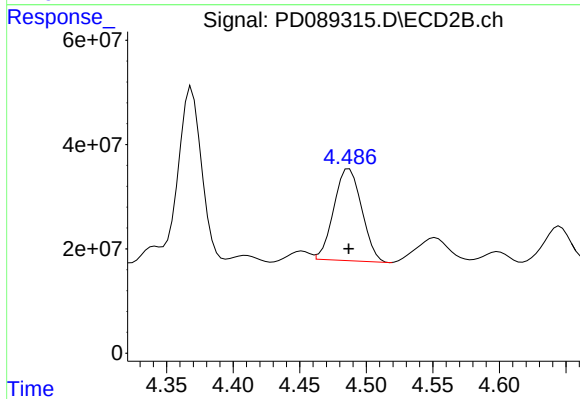
#23 Chlordane-1

R.T.: 3.905 min
Delta R.T.: 0.000 min
Response: 339064586
Conc: 363.71 ng/ml



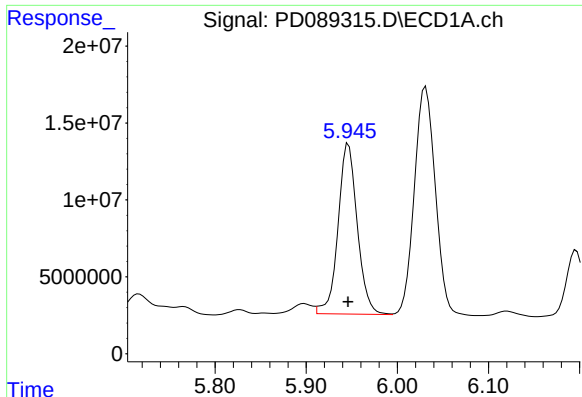
#24 Chlordane-2

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 55713973
Conc: 255.20 ng/ml



#24 Chlordane-2

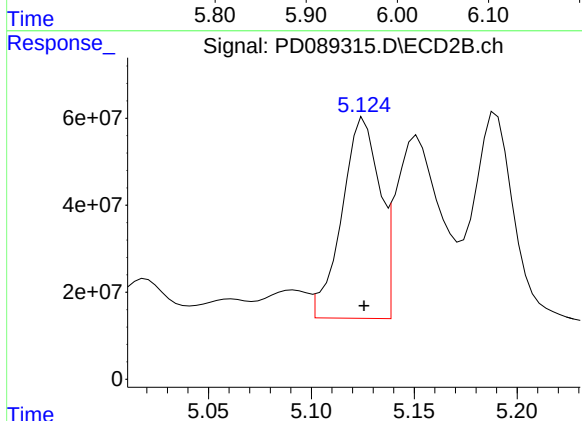
R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 256862755
Conc: 269.92 ng/ml



#25 Chlordane-3

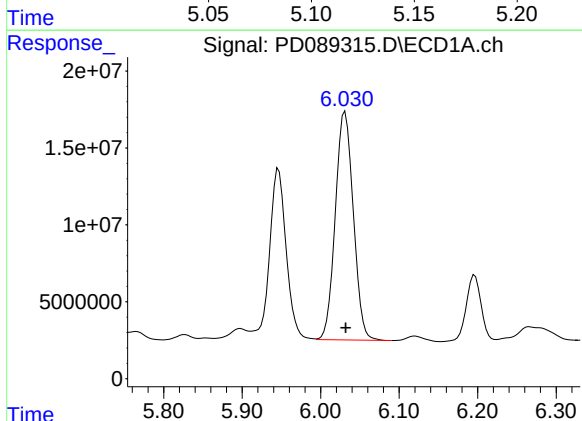
R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 162655270
Conc: 188.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#3



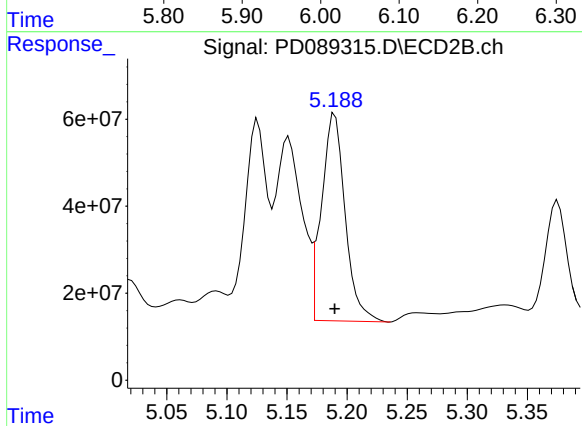
#25 Chlordane-3

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 585027371
Conc: 196.97 ng/ml



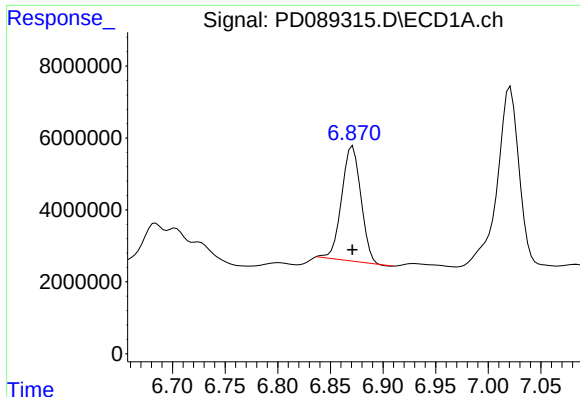
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 236978517
Conc: 225.54 ng/ml



#26 Chlordane-4

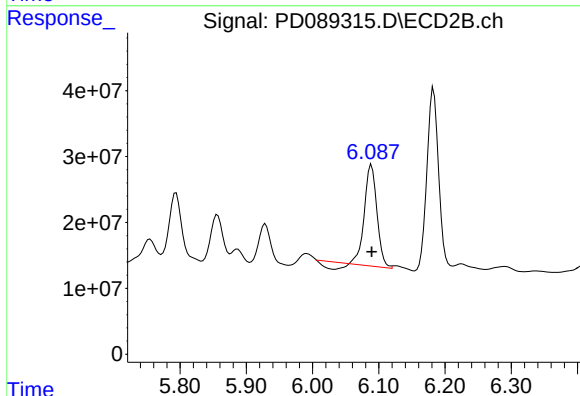
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 653841744
Conc: 260.84 ng/ml



#27 Chlordane-5

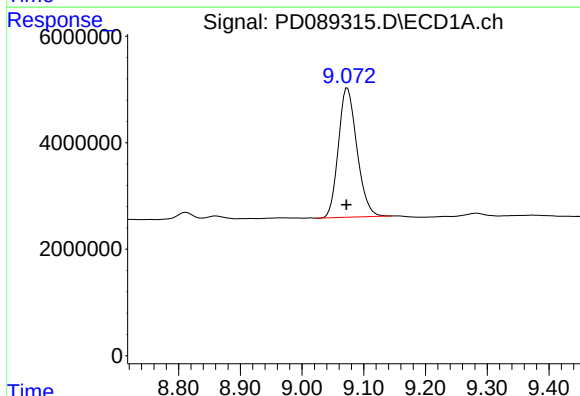
R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 40869170
Conc: 223.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#3



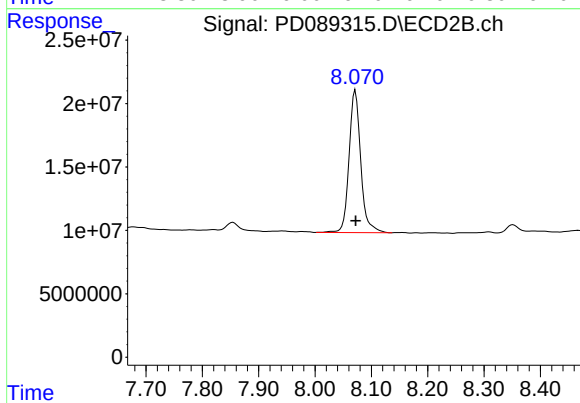
#27 Chlordane-5

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 186968685
Conc: 165.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.002 min
Response: 50618536
Conc: 12.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 161835670
Conc: 8.19 ng/ml