

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071125\
 Data File : PD089461.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2025 14:50
 Operator : AR\AJ
 Sample : Q2564-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ARS20-0039

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 22:52:53 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	23993968	155.9E6	8.410	9.194
2)	SA Decachlor...	9.071	8.070	36368136	231.6E6	9.260	11.715 #
Target Compounds							
2)	A alpha-BHC	0.000	3.410f	0	18722203	N.D.	0.699 #
3)	MA gamma-BHC...	4.332	3.729	974449	1047003	0.175	0.042 #
4)	MA Heptachlor	4.928	4.093	800876	9844864	0.147	0.393 #
5)	MB Aldrin	5.270	4.367	863447	5746106	0.163	0.237 #
6)	B beta-BHC	4.531f	4.012	101260	10201090	0.046	0.949 #
7)	B delta-BHC	4.775	0.000	911328	0	0.178	N.D. #
8)	B Heptachlo...	5.677	4.867	1516787	15621853	0.314	0.713 #
9)	A Endosulfan I	6.090f	5.252	247375	25260661	0.055	1.212 #
10)	B gamma-Chl...	5.945	5.124	4083258	164.3E6	0.853	6.866 #
11)	B alpha-Chl...	6.028	5.190	28265228	25670662	5.842	1.121 #
12)	B 4,4'-DDE	6.195	5.374	3240.6E6	10115.2E6	743.078	441.402 #
13)	MA Dieldrin	6.345	5.536f	-7476969	425.7E6	N.D.	18.344
14)	MA Endrin	6.573	5.794	3244548	1396.5E6	0.786	64.311 #
15)	B Endosulfa...	6.800	6.090	10525181	5575396	2.607	0.276 #
16)	A 4,4'-DDD	6.704	5.928	391.1E6	1663.1E6	113.949	86.937
17)	MA 4,4'-DDT	7.020	6.182	3244.6E6	11281.1E6	856.489	556.286 #
18)	B Endrin al...	0.000	6.243f	0	145.3E6	N.D.	9.490 #
19)	B Endosulfa...	7.145	6.482	917070	20962852	0.239	1.068 #
20)	A Methoxychlor	7.524f	6.735f	30286592	30283898	14.989	2.812 #
21)	B Endrin ke...	7.614	6.976f	3644437	49908918	0.895	2.310 #
22)	Mirex	0.000	7.213f	0	38208777	N.D.	2.291 #
23)	Chlordane-1	4.713	3.907	726879	11708626	3.396	12.560 #
24)	Chlordane-2	5.235	4.484	847876	7020525	3.884	7.377 #
25)	Chlordane-3	5.945	5.124	4083258	164.3E6	4.734	55.300 #
26)	Chlordane-4	6.028	5.190	28265228	25670662	26.901	10.241 #
27)	Chlordane-5	6.870	6.090	729440	5575396	3.991	4.927

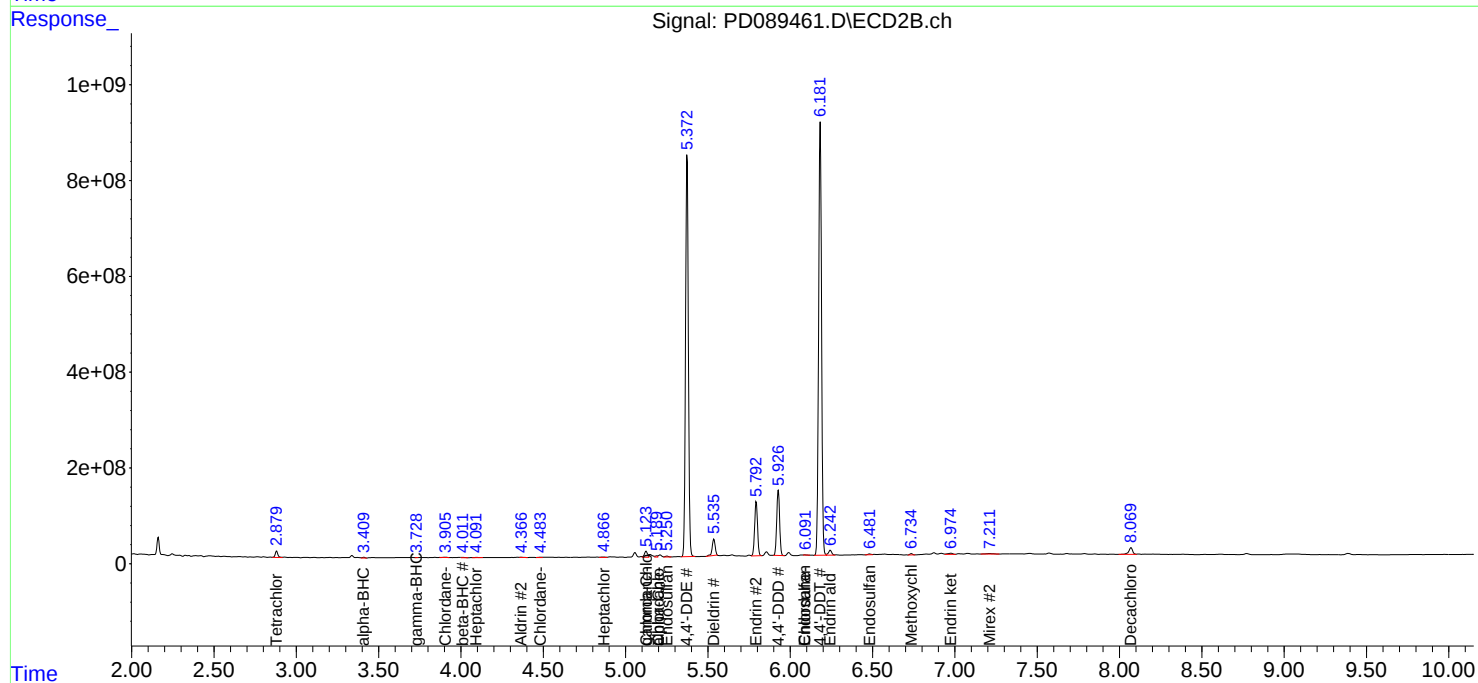
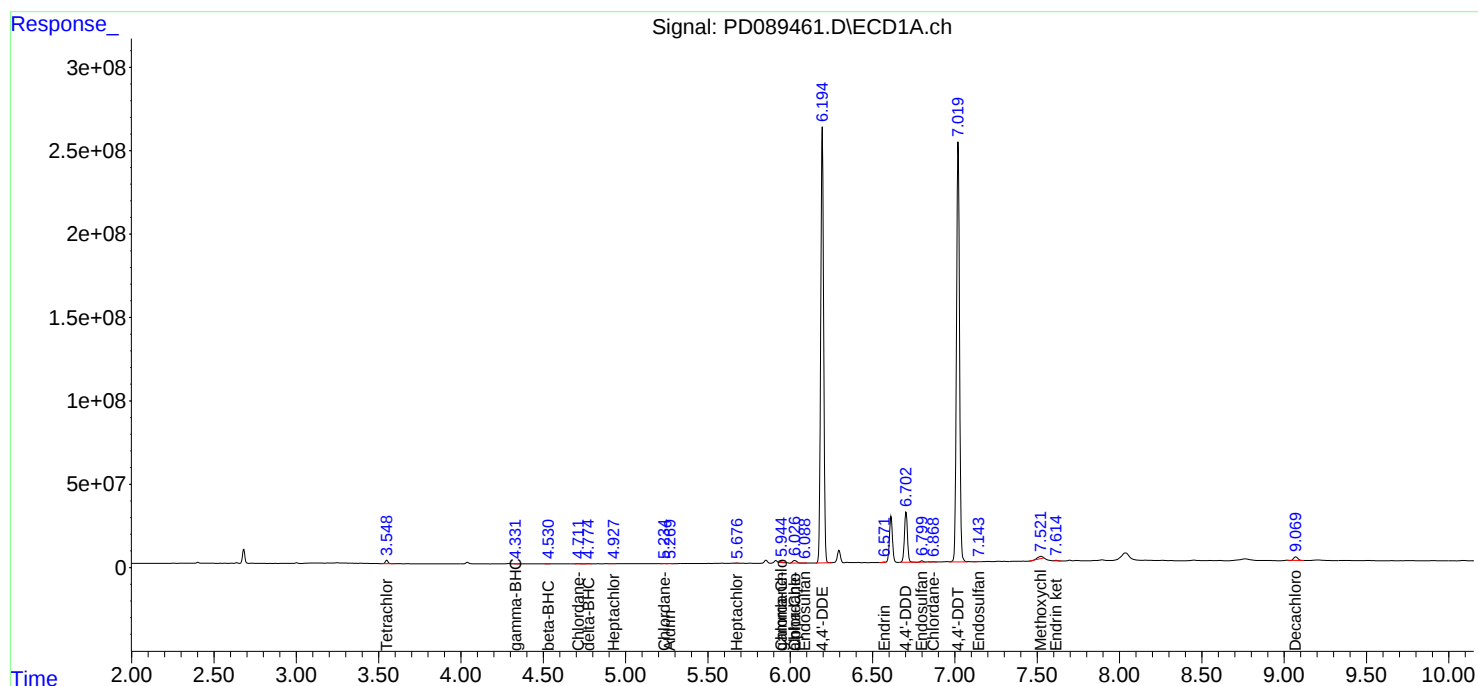
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

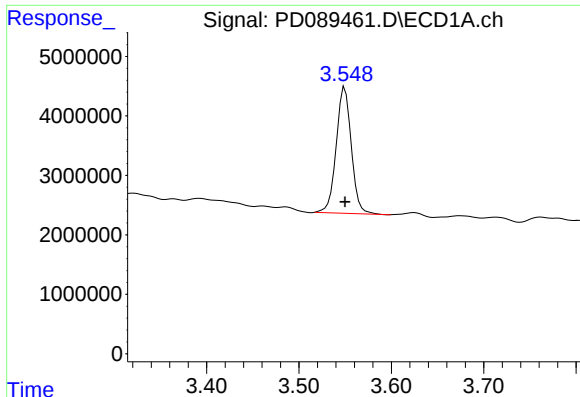
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071125\
Data File : PD089461.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 14:50
Operator : AR\AJ
Sample : Q2564-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ARS20-0039

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 22:52:53 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
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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

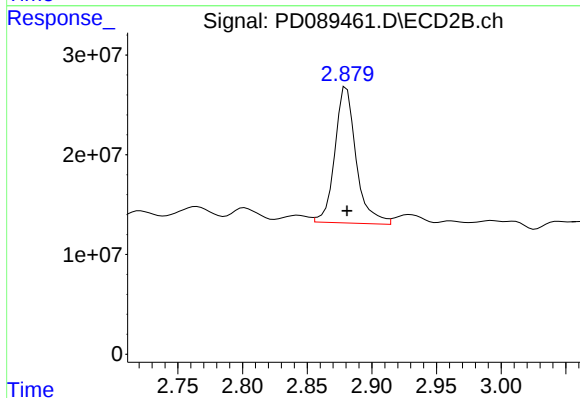




#1 Tetrachloro-m-xylene

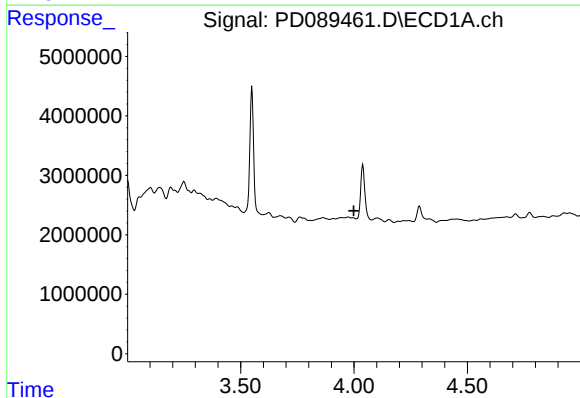
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 23993968
Conc: 8.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039



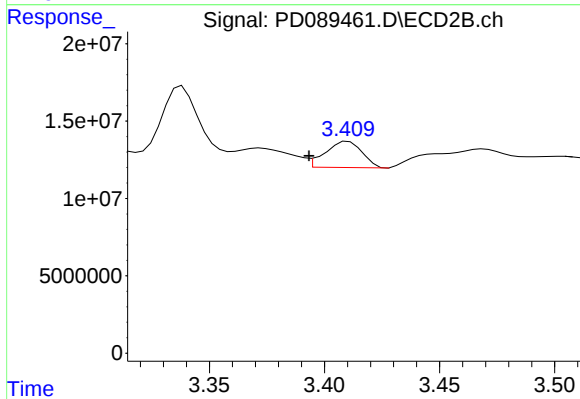
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 155869813
Conc: 9.19 ng/ml



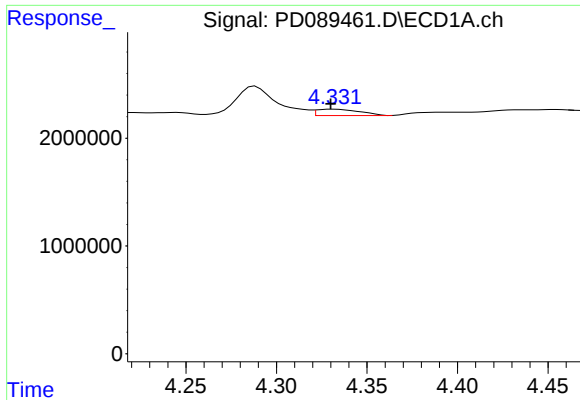
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.999 min
Response: 0
Conc: N.D.



#2 alpha-BHC

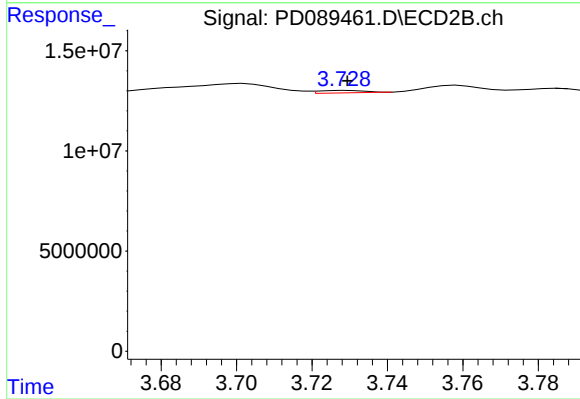
R.T.: 3.410 min
Delta R.T.: 0.017 min
Response: 18722203
Conc: 0.70 ng/ml



#3 gamma-BHC (Lindane)

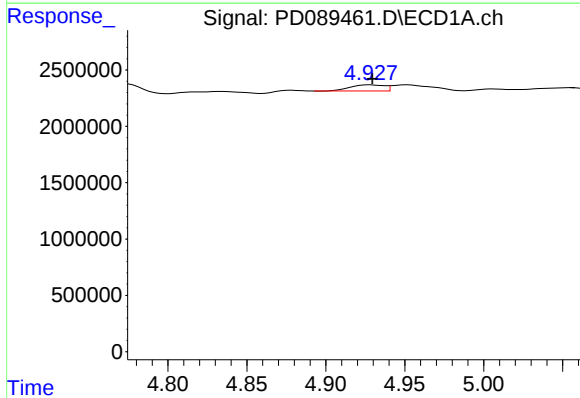
R.T.: 4.332 min
Delta R.T.: 0.002 min
Response: 974449
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039



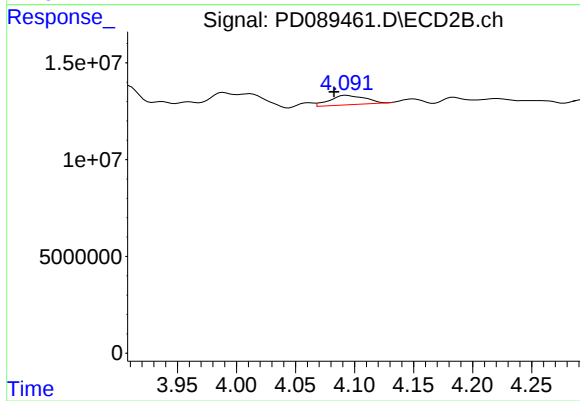
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 1047003
Conc: 0.04 ng/ml



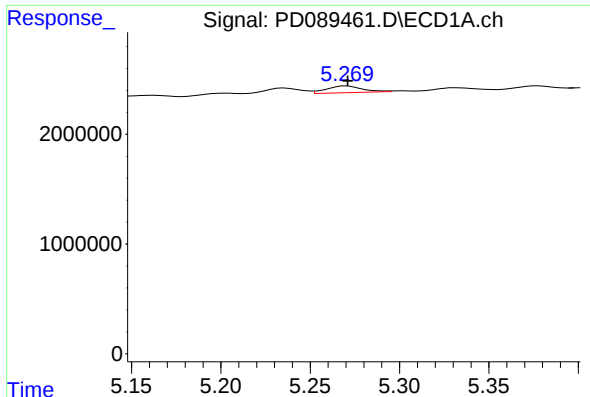
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: -0.001 min
Response: 800876
Conc: 0.15 ng/ml



#4 Heptachlor

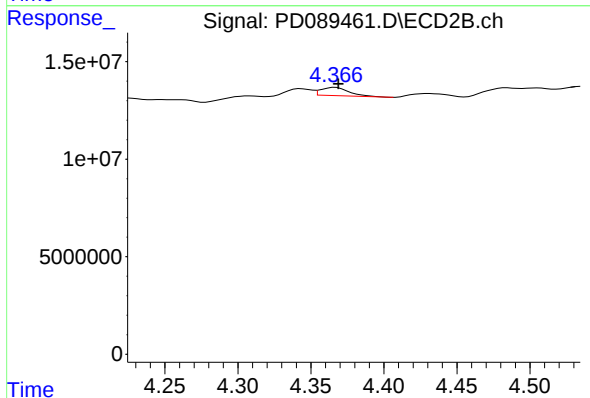
R.T.: 4.093 min
Delta R.T.: 0.010 min
Response: 9844864
Conc: 0.39 ng/ml



#5 Aldrin

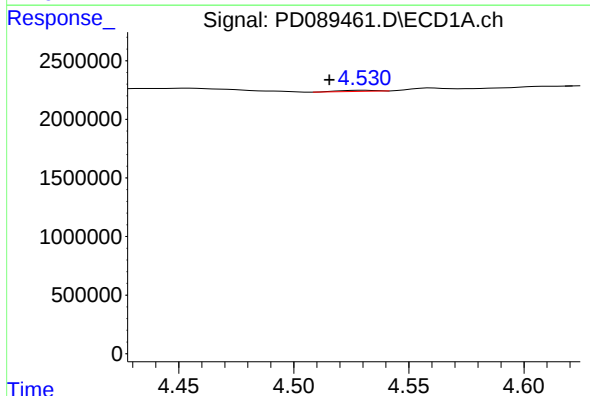
R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 863447
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039



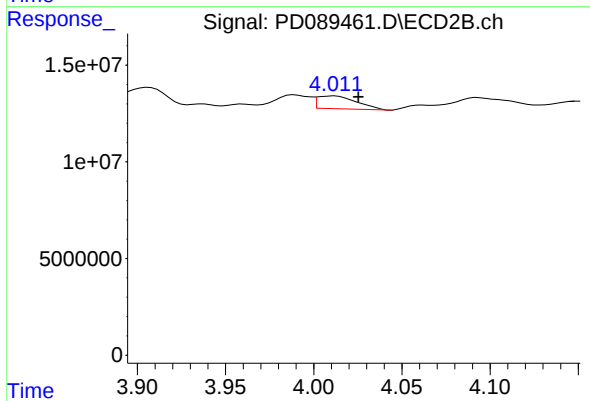
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 5746106
Conc: 0.24 ng/ml



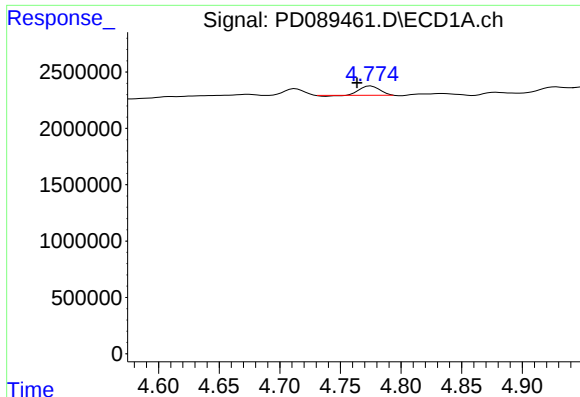
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.015 min
Response: 101260
Conc: 0.05 ng/ml



#6 beta-BHC

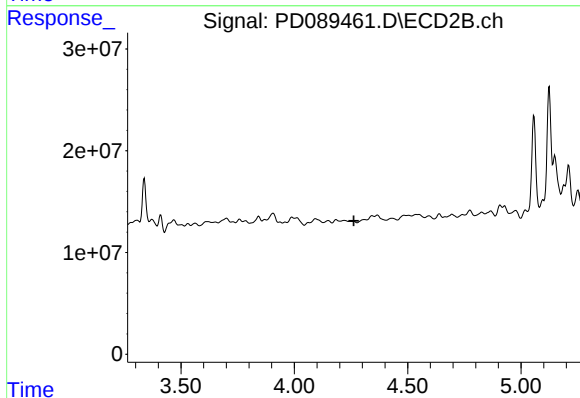
R.T.: 4.012 min
Delta R.T.: -0.013 min
Response: 10201090
Conc: 0.95 ng/ml



#7 delta-BHC

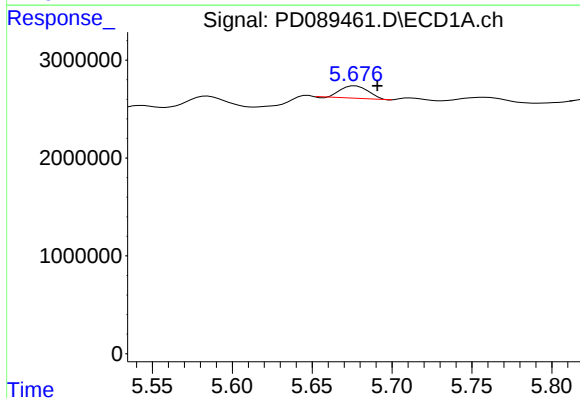
R.T.: 4.775 min
Delta R.T.: 0.012 min
Response: 911328
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039



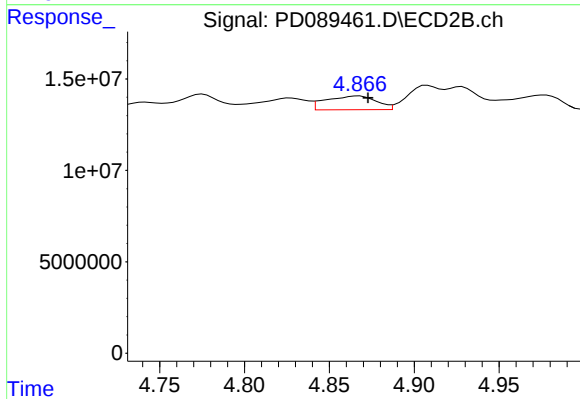
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.262 min
Response: 0
Conc: N.D.



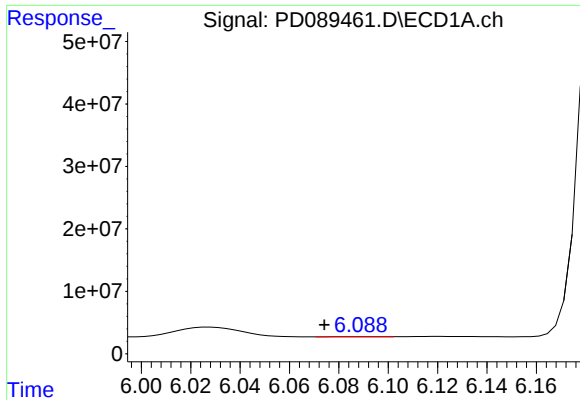
#8 Heptachlor epoxide

R.T.: 5.677 min
Delta R.T.: -0.014 min
Response: 1516787
Conc: 0.31 ng/ml



#8 Heptachlor epoxide

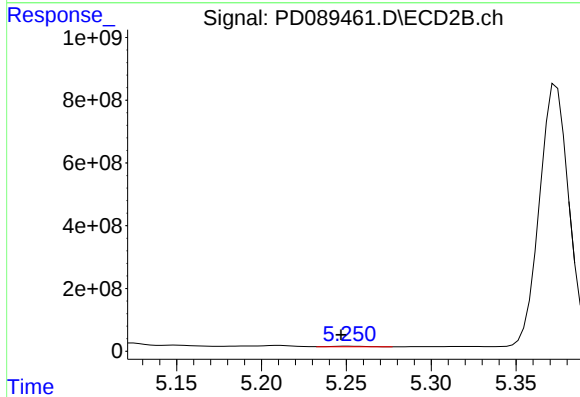
R.T.: 4.867 min
Delta R.T.: -0.005 min
Response: 15621853
Conc: 0.71 ng/ml



#9 Endosulfan I

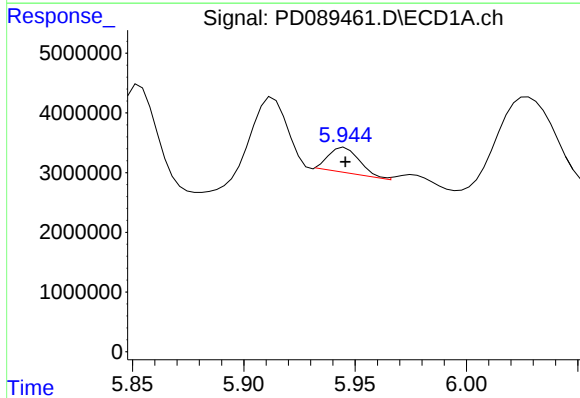
R.T.: 6.090 min
Delta R.T.: 0.016 min
Response: 247375
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039



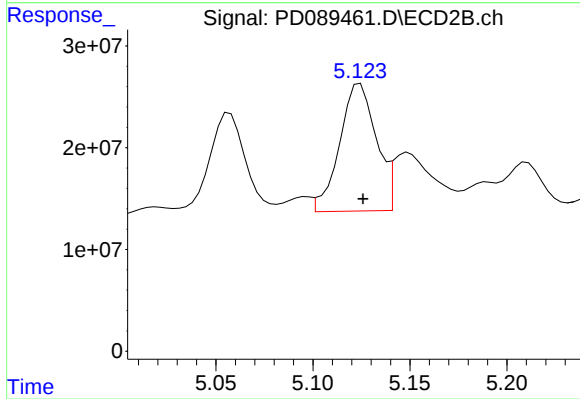
#9 Endosulfan I

R.T.: 5.252 min
Delta R.T.: 0.005 min
Response: 25260661
Conc: 1.21 ng/ml



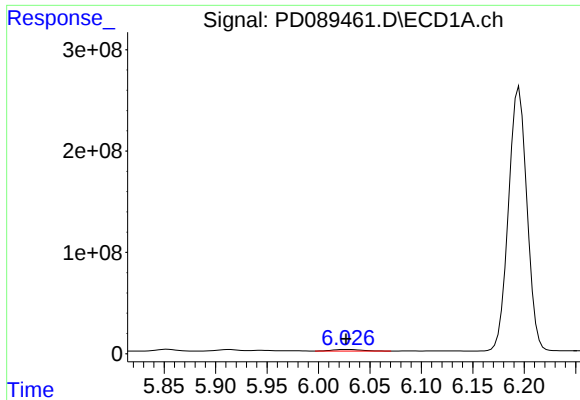
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 4083258
Conc: 0.85 ng/ml



#10 gamma-Chlordane

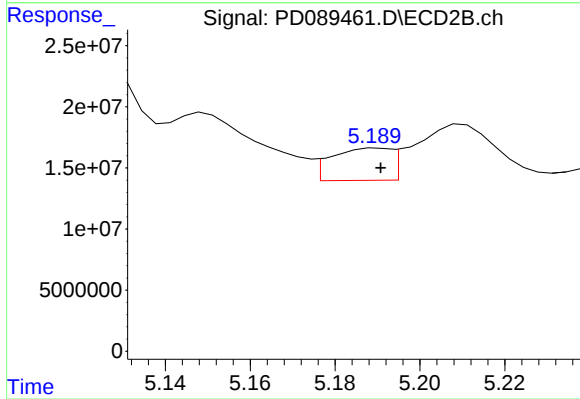
R.T.: 5.124 min
Delta R.T.: -0.001 min
Response: 164253139
Conc: 6.87 ng/ml



#11 alpha-Chlordane

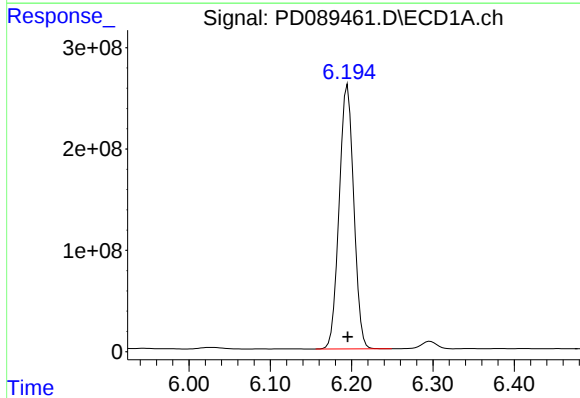
R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 28265228
Conc: 5.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039



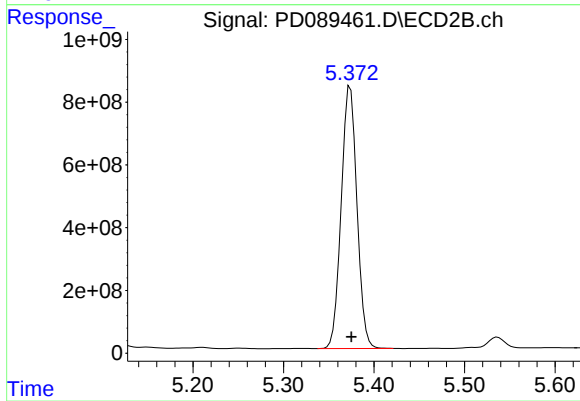
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 25670662
Conc: 1.12 ng/ml



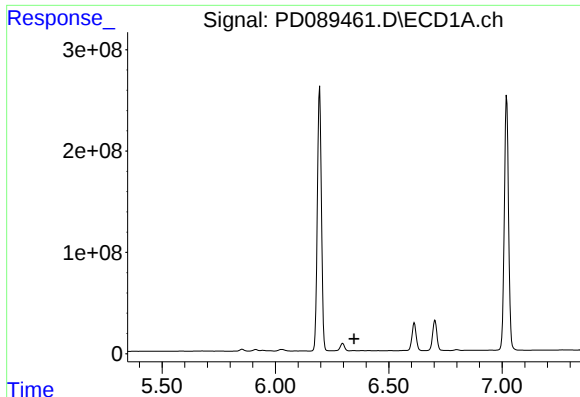
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 3240586555
Conc: 743.08 ng/ml



#12 4,4'-DDE

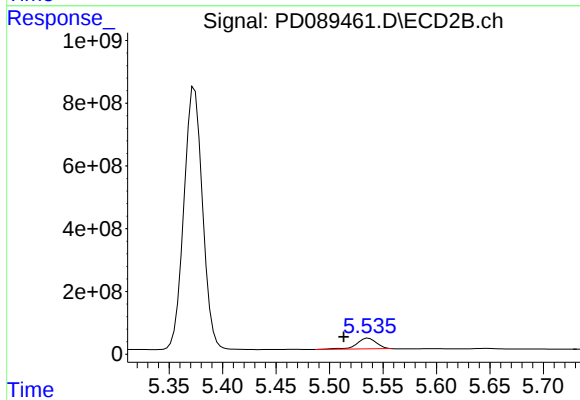
R.T.: 5.374 min
Delta R.T.: -0.001 min
Response: 10115202340
Conc: 441.40 ng/ml



#13 Dieldrin

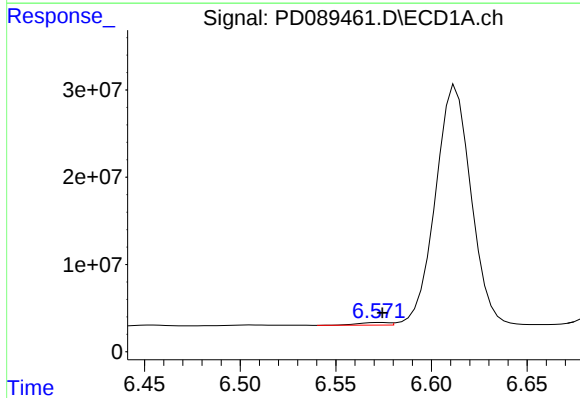
R.T.: 6.345 min
Delta R.T.: -0.002 min
Response: -7476969
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
ARS20-0039



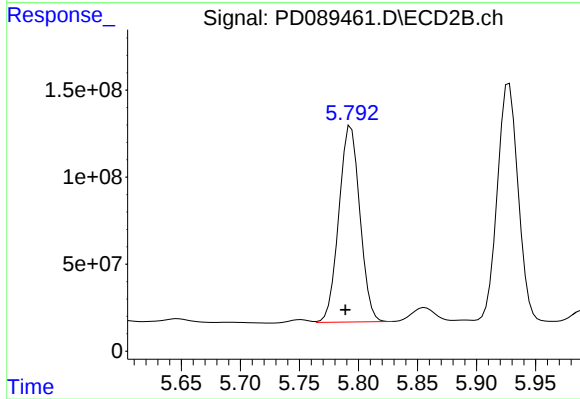
#13 Dieldrin

R.T.: 5.536 min
Delta R.T.: 0.023 min
Response: 425734662
Conc: 18.34 ng/ml



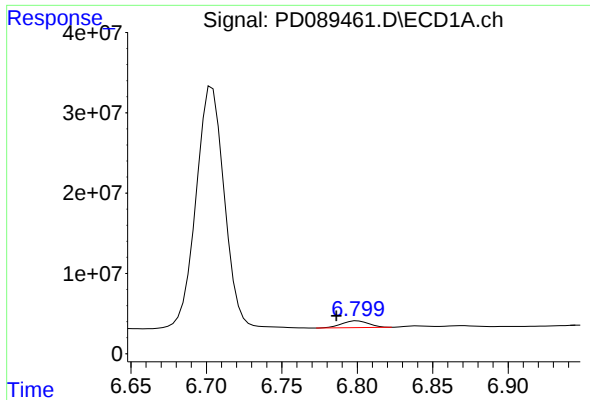
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 3244548
Conc: 0.79 ng/ml



#14 Endrin

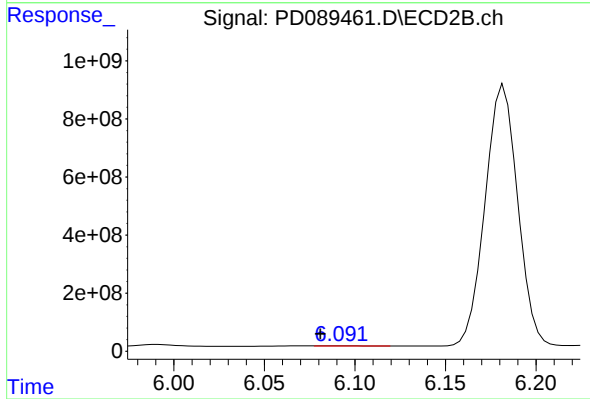
R.T.: 5.794 min
Delta R.T.: 0.005 min
Response: 1396454050
Conc: 64.31 ng/ml



#15 Endosulfan II

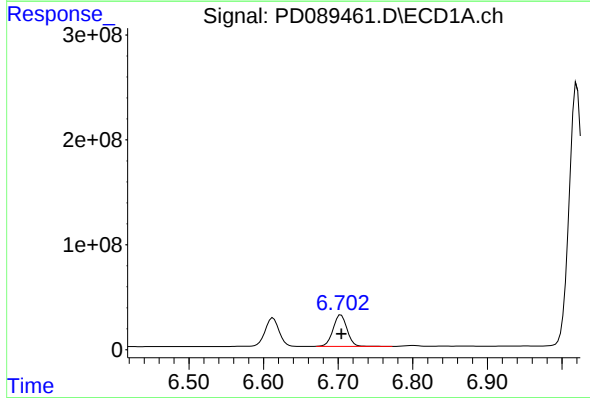
R.T.: 6.800 min
Delta R.T.: 0.014 min
Response: 10525181
Conc: 2.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039



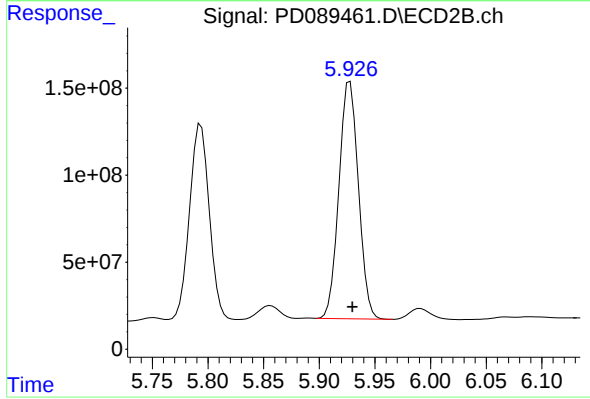
#15 Endosulfan II

R.T.: 6.090 min
Delta R.T.: 0.009 min
Response: 5575396
Conc: 0.28 ng/ml



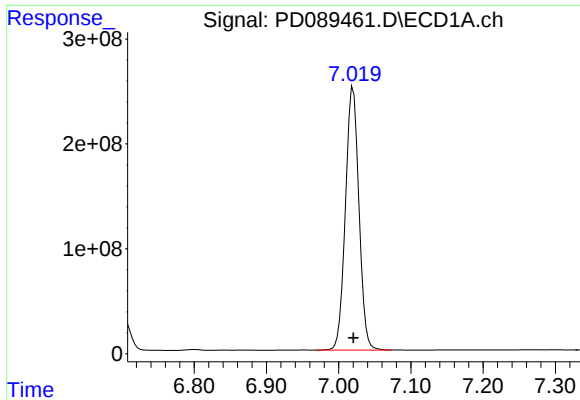
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 391080564
Conc: 113.95 ng/ml



#16 4,4'-DDD

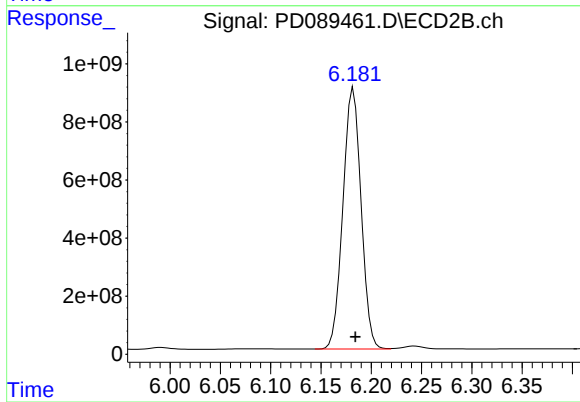
R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 1663056984
Conc: 86.94 ng/ml



#17 4,4'-DDT

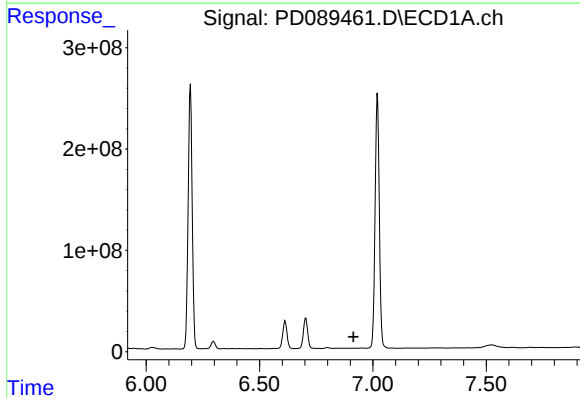
R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 3244554387
Conc: 856.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039



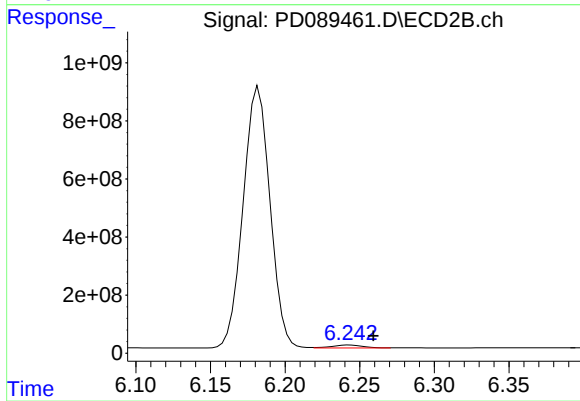
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 11281102588
Conc: 556.29 ng/ml



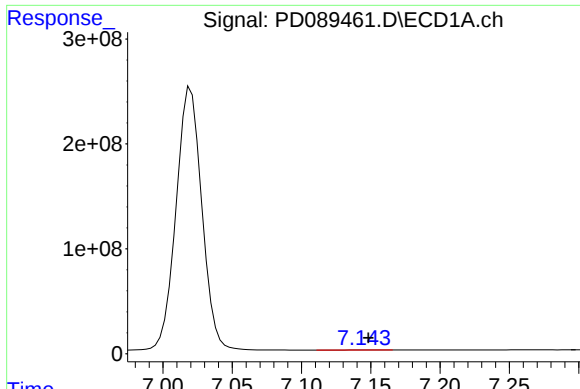
#18 Endrin aldehyde

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



#18 Endrin aldehyde

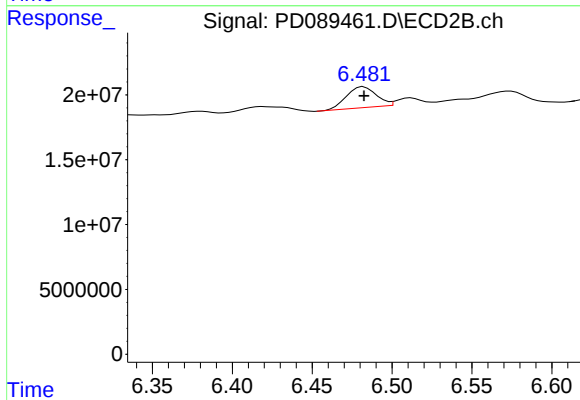
R.T.: 6.243 min
Delta R.T.: -0.016 min
Response: 145304255
Conc: 9.49 ng/ml



#19 Endosulfan Sulfate

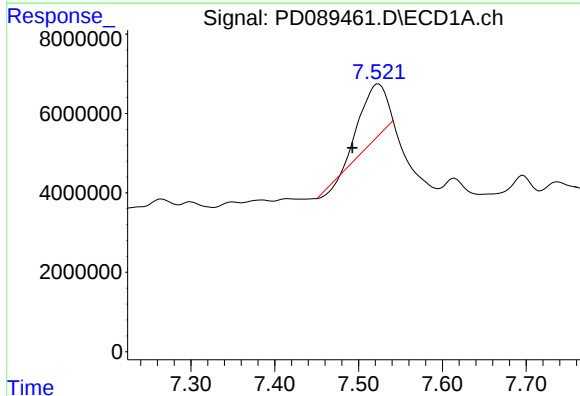
R.T.: 7.145 min
Delta R.T.: -0.004 min
Response: 917070
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039



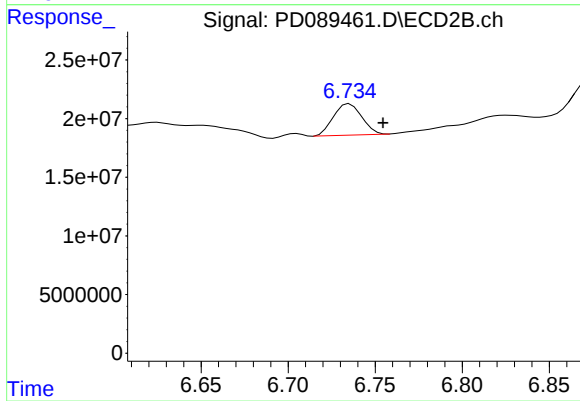
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 20962852
Conc: 1.07 ng/ml



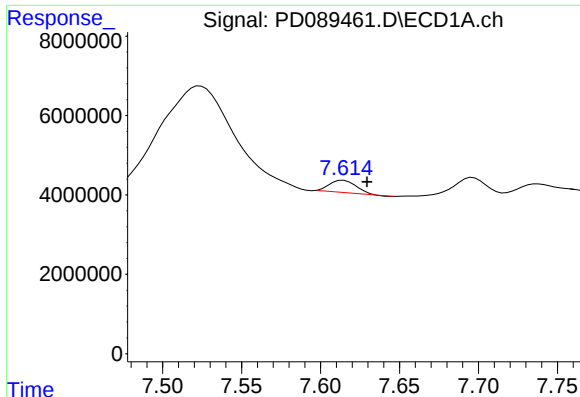
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: 0.031 min
Response: 30286592
Conc: 14.99 ng/ml



#20 Methoxychlor

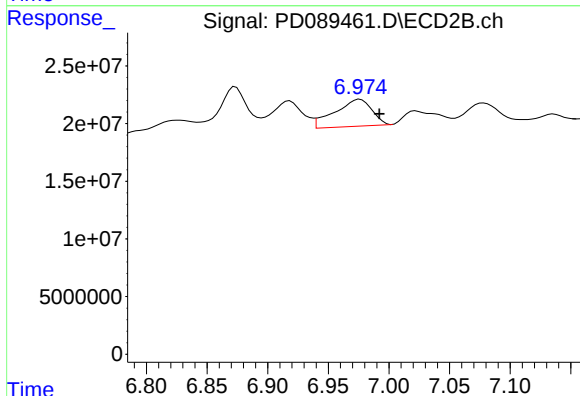
R.T.: 6.735 min
Delta R.T.: -0.019 min
Response: 30283898
Conc: 2.81 ng/ml



#21 Endrin ketone

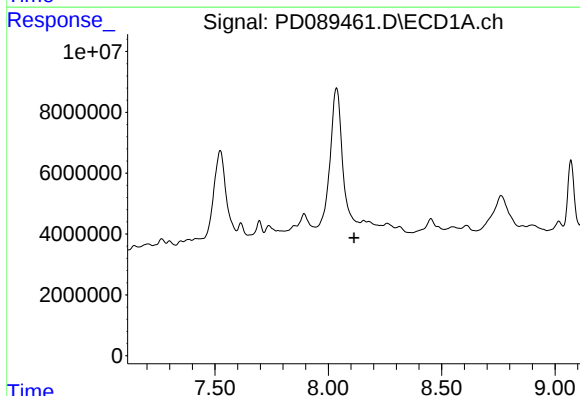
R.T.: 7.614 min
Delta R.T.: -0.015 min
Response: 3644437
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039



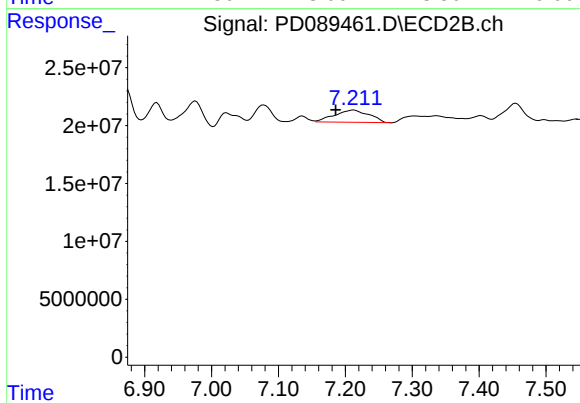
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.016 min
Response: 49908918
Conc: 2.31 ng/ml



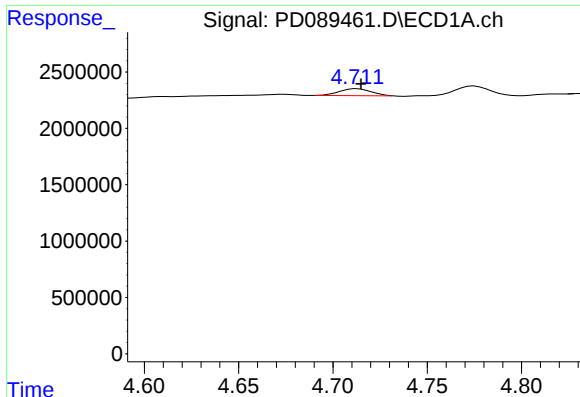
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.113 min
Response: 0
Conc: N.D.



#22 Mirex

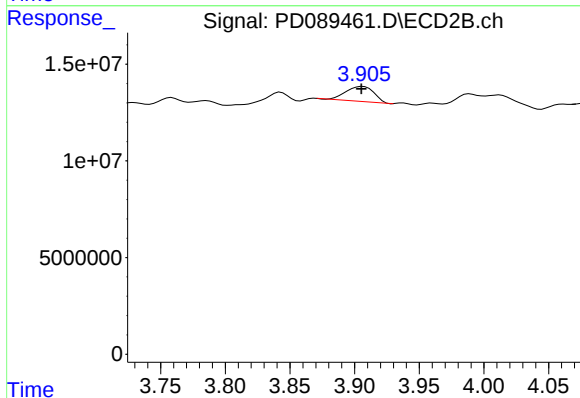
R.T.: 7.213 min
Delta R.T.: 0.027 min
Response: 38208777
Conc: 2.29 ng/ml



#23 Chlordane-1

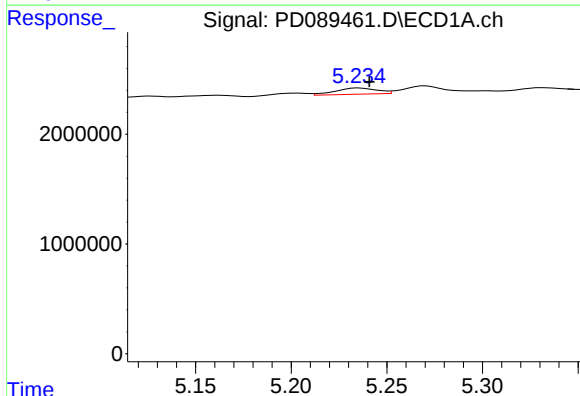
R.T.: 4.713 min
Delta R.T.: -0.002 min
Response: 726879
Conc: 3.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039



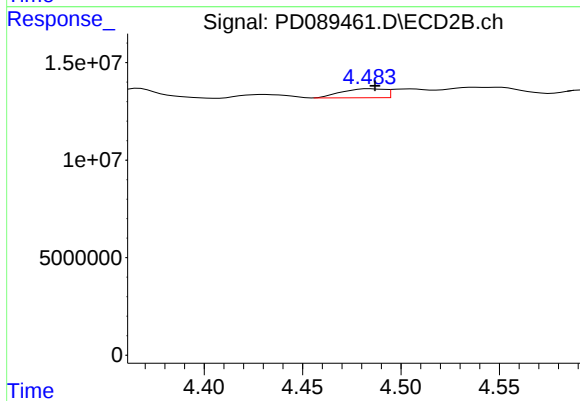
#23 Chlordane-1

R.T.: 3.907 min
Delta R.T.: 0.001 min
Response: 11708626
Conc: 12.56 ng/ml



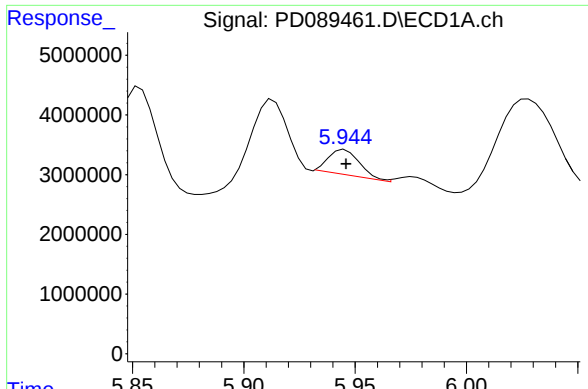
#24 Chlordane-2

R.T.: 5.235 min
Delta R.T.: -0.006 min
Response: 847876
Conc: 3.88 ng/ml



#24 Chlordane-2

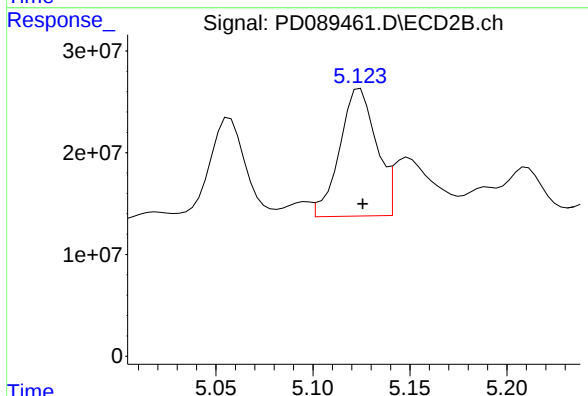
R.T.: 4.484 min
Delta R.T.: -0.003 min
Response: 7020525
Conc: 7.38 ng/ml



#25 Chlordane-3

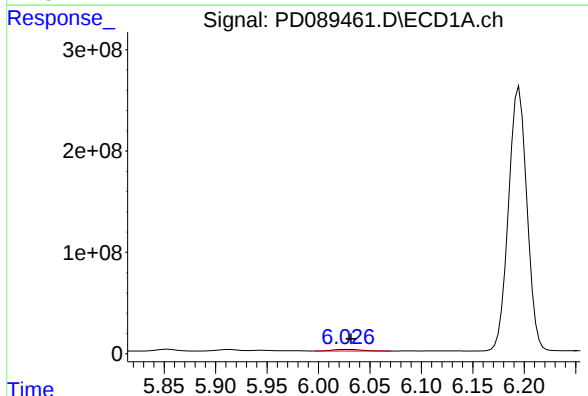
R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 4083258
Conc: 4.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039



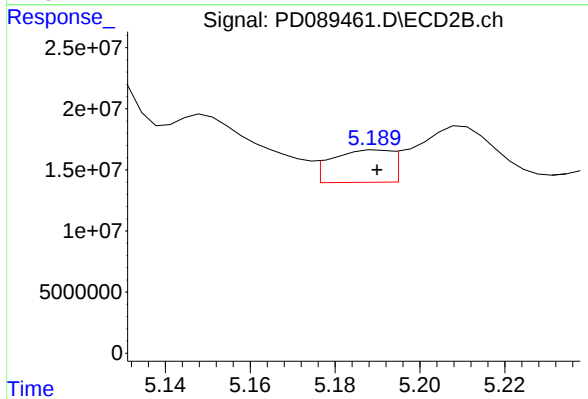
#25 Chlordane-3

R.T.: 5.124 min
Delta R.T.: -0.001 min
Response: 164253139
Conc: 55.30 ng/ml



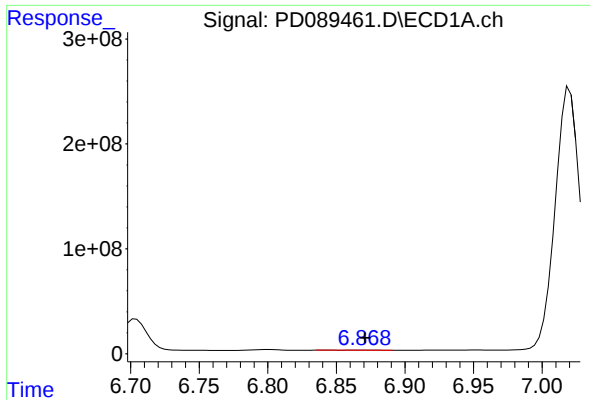
#26 Chlordane-4

R.T.: 6.028 min
Delta R.T.: -0.004 min
Response: 28265228
Conc: 26.90 ng/ml



#26 Chlordane-4

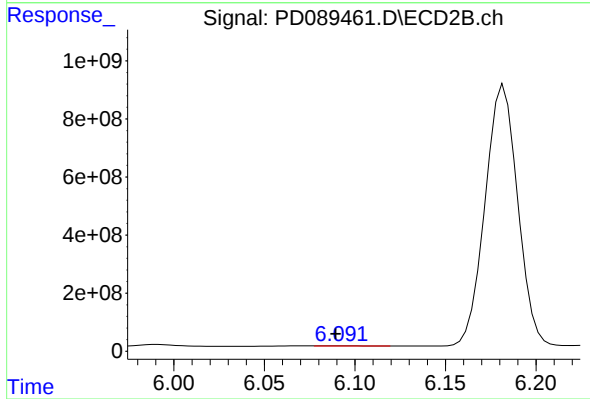
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 25670662
Conc: 10.24 ng/ml



#27 Chlordane-5

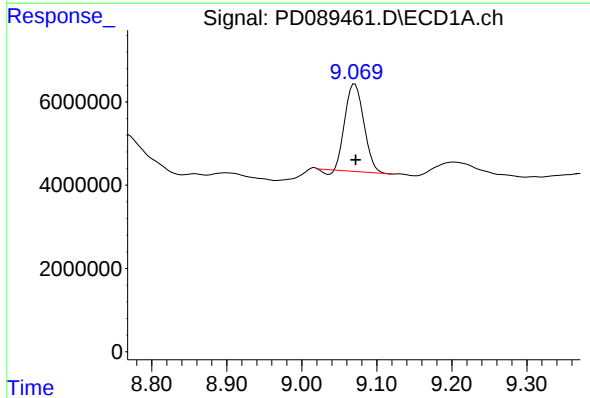
R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 729440
Conc: 3.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039



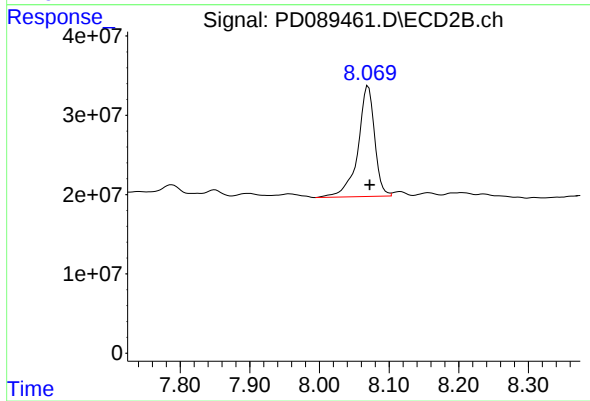
#27 Chlordane-5

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 5575396
Conc: 4.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: -0.001 min
Response: 36368136
Conc: 9.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: -0.002 min
Response: 231609964
Conc: 11.72 ng/ml