

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071425\
 Data File : PD089484.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2025 18:43
 Operator : AR\AJ
 Sample : Q2564-05DL10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ARS20-0039DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 15 08:17:11 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...	3.556	2.879	3804148	44111370	1.333	2.602 #
28)	SA Decachlor...	9.078	8.071	5236913	42459784	1.333	2.148 #
Target Compounds							
2)	A alpha-BHC	0.000	3.409f	0	12200526	N.D.	0.455 #
3)	MA gamma-BHC...	4.343	3.701f	1482326	6361628	0.266	0.257
4)	MA Heptachlor	4.935	4.098	311462	1965014	0.057	0.078 #
5)	MB Aldrin	5.278	4.362	286447	3498251	0.054	0.144 #
6)	B beta-BHC	4.535f	4.013	122543	4252784	0.056	0.396 #
7)	B delta-BHC	4.781f	4.261	211488	1845520	0.041	0.074 #
8)	B Heptachlo...	5.687	4.859	527685	69214076	0.109	3.161 #
10)	B gamma-Chl...	5.951	5.125	716175	63176211	0.150	2.641 #
11)	B alpha-Chl...	6.034	5.211f	4395207	36573000	0.908	1.597 #
12)	B 4,4'-DDE	6.202	5.374	370.8E6	1868.5E6	85.019	81.536
13)	MA Dieldrin	6.353	5.537f	-4864373	82891547	N.D.	3.572
14)	MA Endrin	6.579	5.794	1784773	264.3E6	0.433	12.172 #
15)	B Endosulfa...	6.772	6.088	738119	3496932	0.183	0.173
16)	A 4,4'-DDD	6.711	5.929	57290102	325.7E6	16.693	17.028
17)	MA 4,4'-DDT	7.027	6.182	345.5E6	1827.0E6	91.198	90.090
18)	B Endrin al...	0.000	6.245	0	25836996	N.D.	1.687 #
19)	B Endosulfa...	0.000	6.482	0	3138036	N.D.	0.160 #
20)	A Methoxychlor	7.517f	6.737f	3941840	6085979	1.951	0.565 #
21)	B Endrin ke...	7.621	6.975f	493115	7798437	0.121	0.361 #
22)	Mirex	0.000	7.185	0	9197296	N.D.	0.551 #
23)	Chlordane-1	4.720	3.912	104484	1352929	0.488	1.451 #
24)	Chlordane-2	5.240	4.476	440954	9452638	2.020	9.933 #
25)	Chlordane-3	5.951	5.125	716175	63176211	0.830	21.270 #
26)	Chlordane-4	6.034	5.211	4395207	36573000	4.183	14.590 #
27)	Chlordane-5	6.879	6.088	178339	3496932	0.976	3.090 #

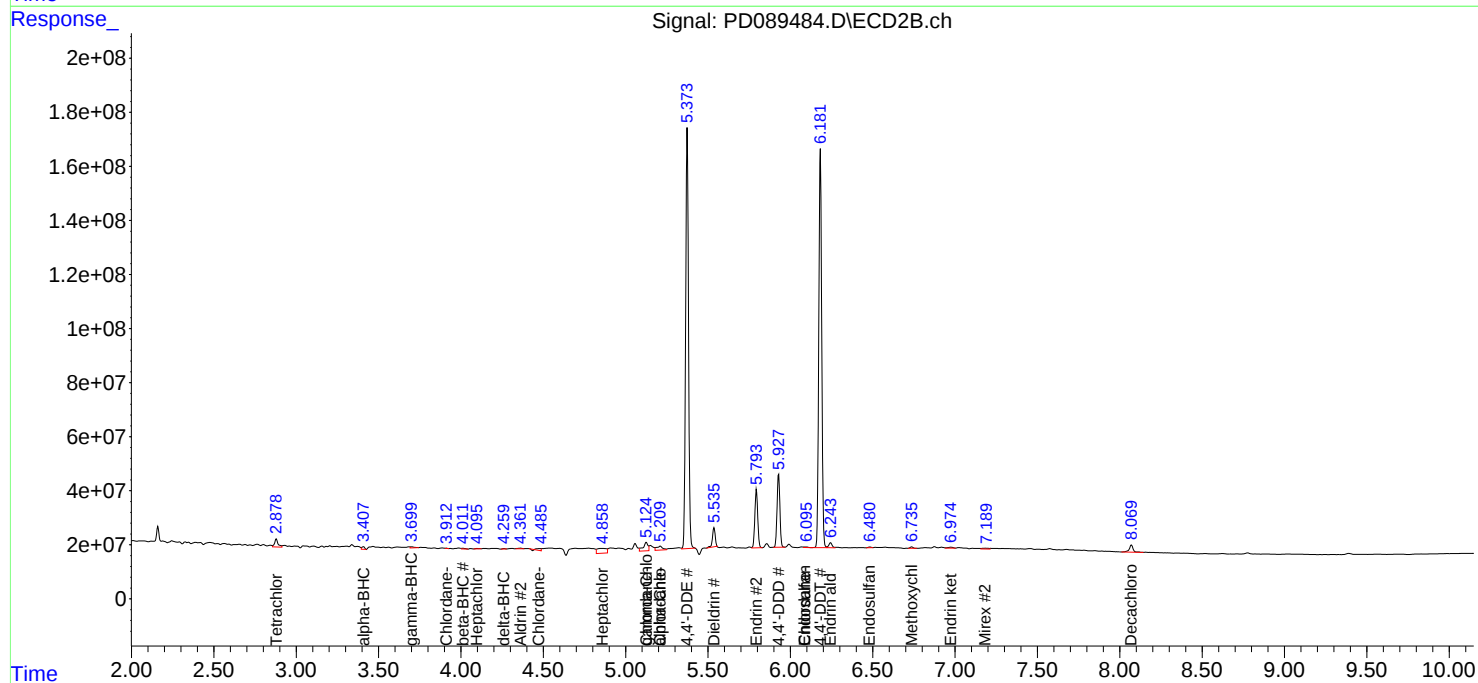
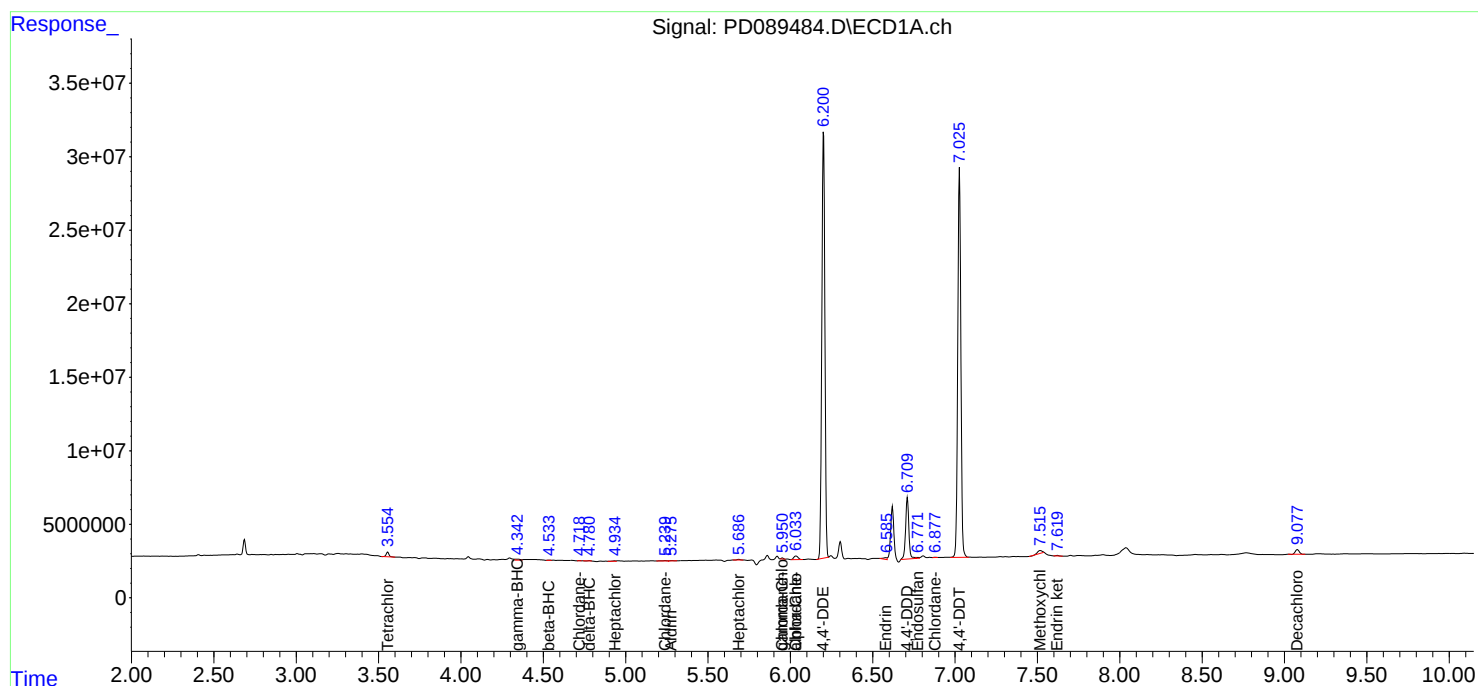
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

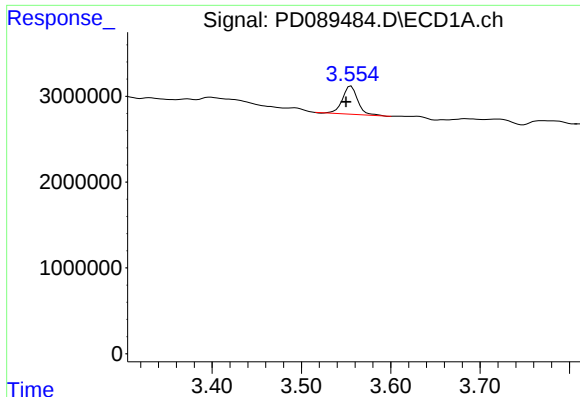
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071425\
Data File : PD089484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2025 18:43
Operator : AR\AJ
Sample : Q2564-05DL10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ARS20-0039DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 15 08:17:11 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

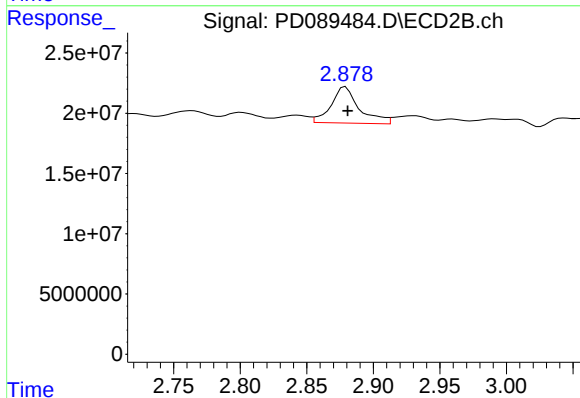




#1 Tetrachloro-m-xylene

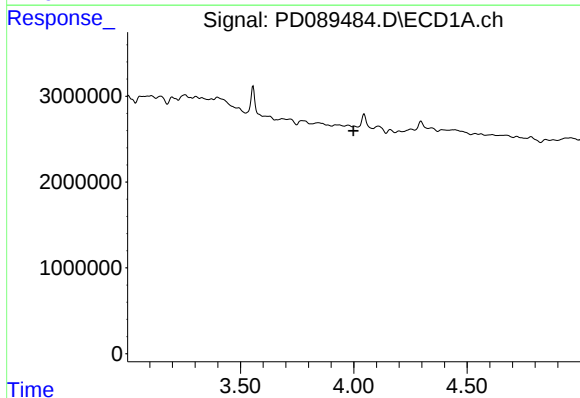
R.T.: 3.556 min
Delta R.T.: 0.006 min
Response: 3804148
Conc: 1.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039DL



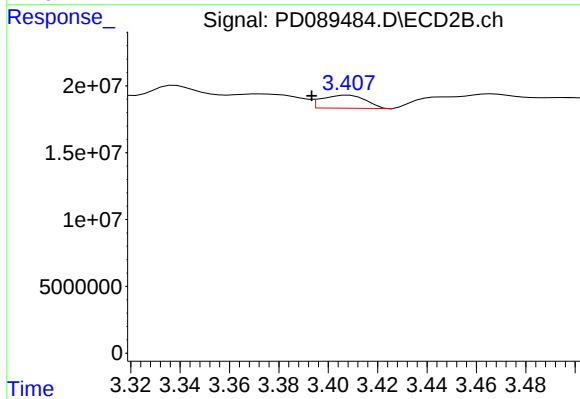
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.002 min
Response: 44111370
Conc: 2.60 ng/ml



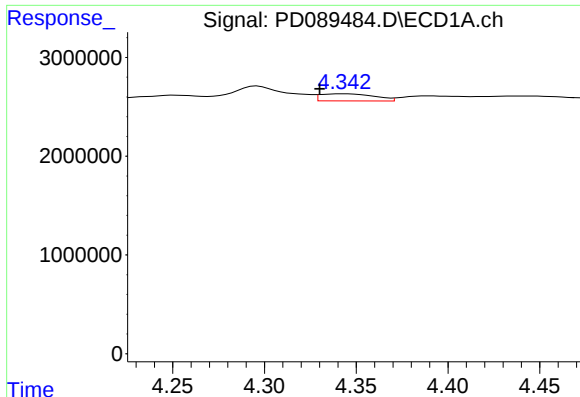
#2 alpha-BHC

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



#2 alpha-BHC

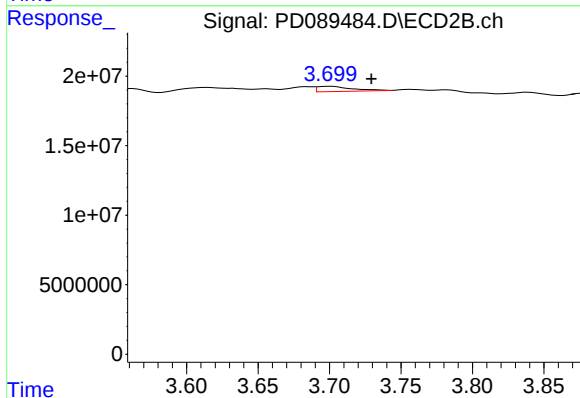
R.T.: 3.409 min
Delta R.T.: 0.015 min
Response: 12200526
Conc: 0.46 ng/ml



#3 gamma-BHC (Lindane)

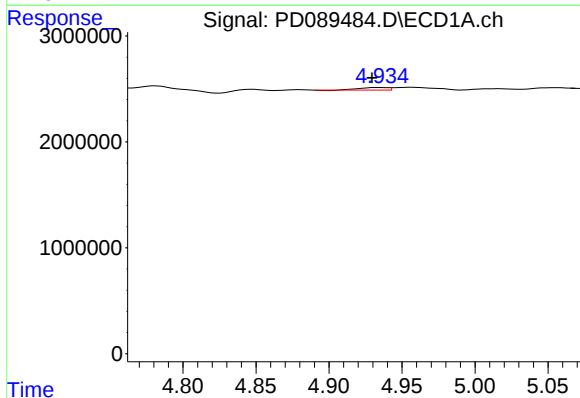
R.T.: 4.343 min
Delta R.T.: 0.013 min
Response: 1482326
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039DL



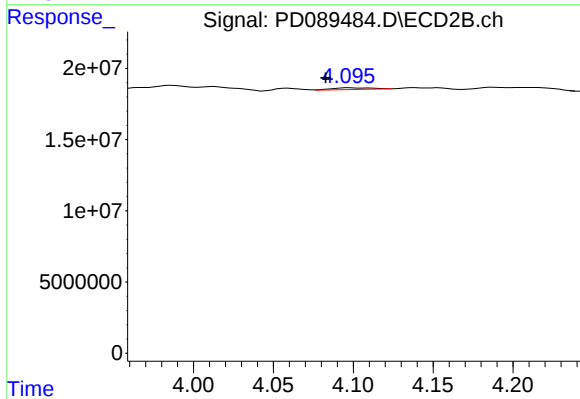
#3 gamma-BHC (Lindane)

R.T.: 3.701 min
Delta R.T.: -0.028 min
Response: 6361628
Conc: 0.26 ng/ml



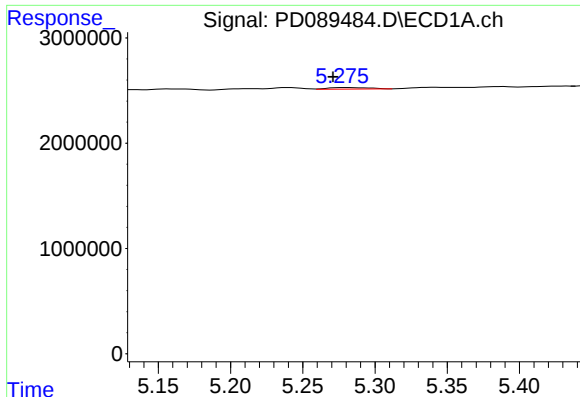
#4 Heptachlor

R.T.: 4.935 min
Delta R.T.: 0.006 min
Response: 311462
Conc: 0.06 ng/ml



#4 Heptachlor

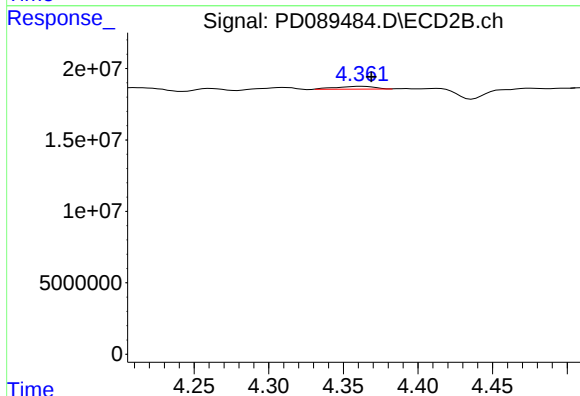
R.T.: 4.098 min
Delta R.T.: 0.015 min
Response: 1965014
Conc: 0.08 ng/ml



#5 Aldrin

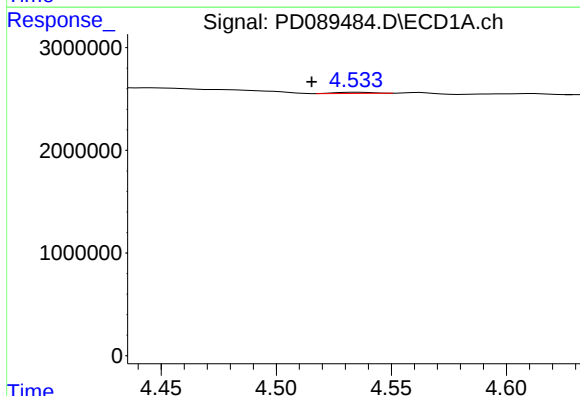
R.T.: 5.278 min
Delta R.T.: 0.007 min
Response: 286447
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039DL



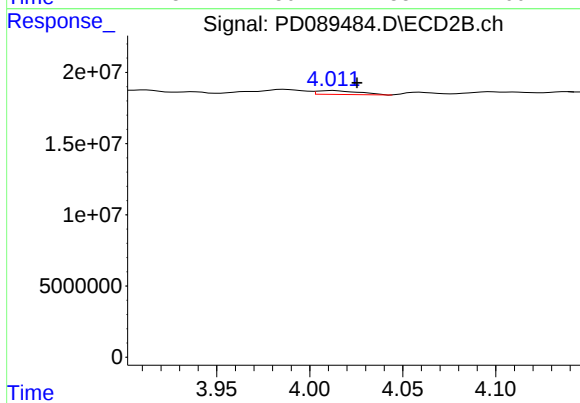
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.007 min
Response: 3498251
Conc: 0.14 ng/ml



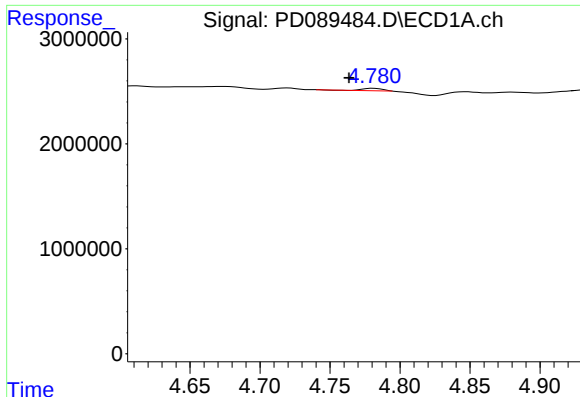
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.020 min
Response: 122543
Conc: 0.06 ng/ml



#6 beta-BHC

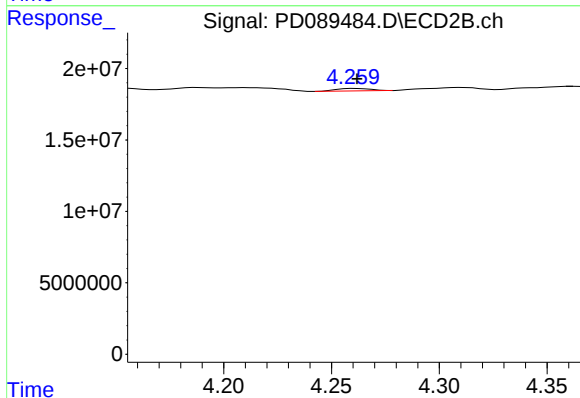
R.T.: 4.013 min
Delta R.T.: -0.013 min
Response: 4252784
Conc: 0.40 ng/ml



#7 delta-BHC

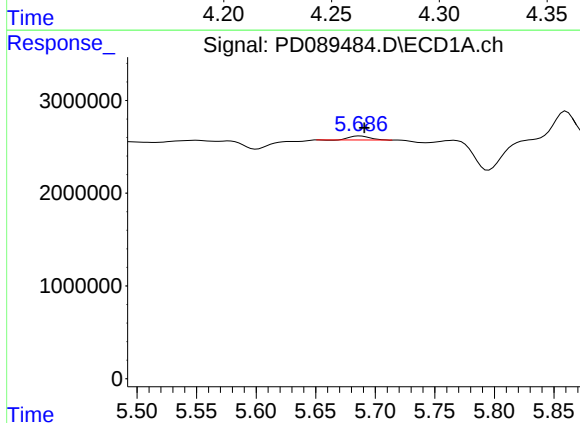
R.T.: 4.781 min
Delta R.T.: 0.018 min
Response: 211488
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039DL



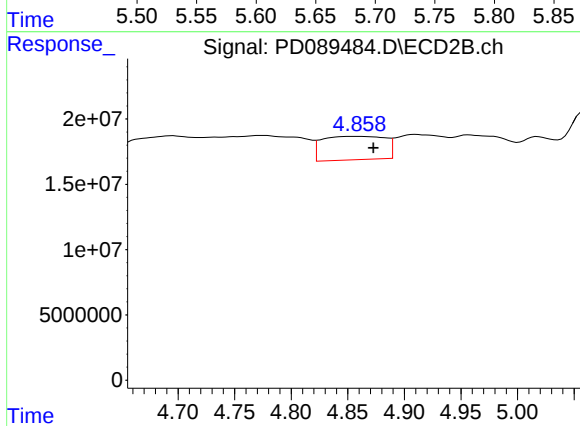
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: -0.001 min
Response: 1845520
Conc: 0.07 ng/ml



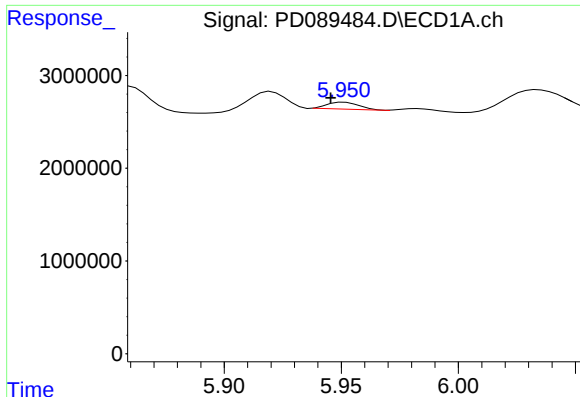
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.004 min
Response: 527685
Conc: 0.11 ng/ml



#8 Heptachlor epoxide

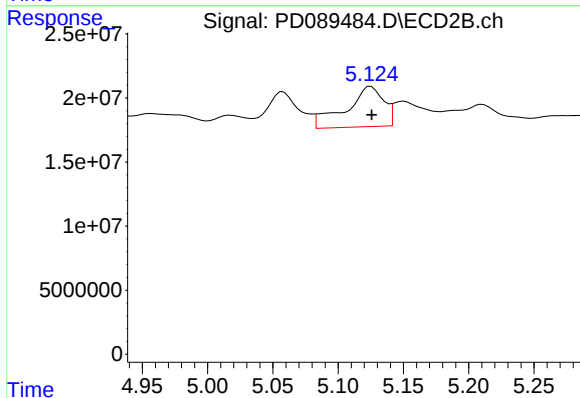
R.T.: 4.859 min
Delta R.T.: -0.014 min
Response: 69214076
Conc: 3.16 ng/ml



#10 gamma-Chlordane

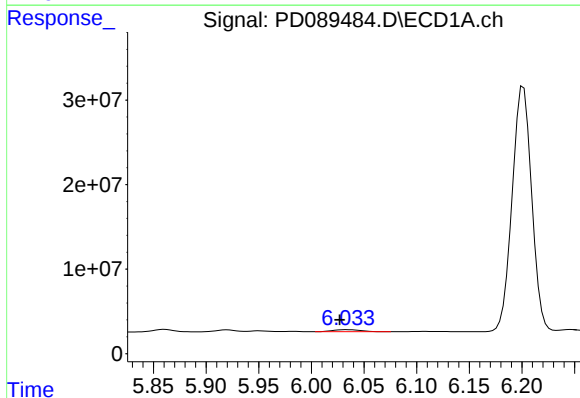
R.T.: 5.951 min
Delta R.T.: 0.006 min
Response: 716175
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039DL



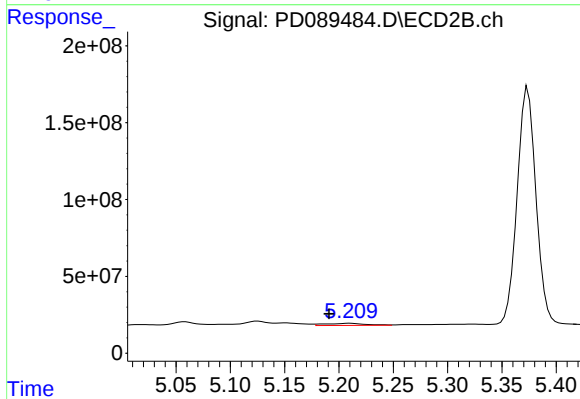
#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 63176211
Conc: 2.64 ng/ml



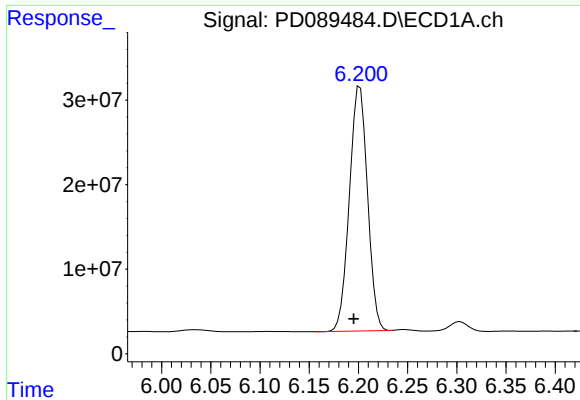
#11 alpha-Chlordane

R.T.: 6.034 min
Delta R.T.: 0.007 min
Response: 4395207
Conc: 0.91 ng/ml



#11 alpha-Chlordane

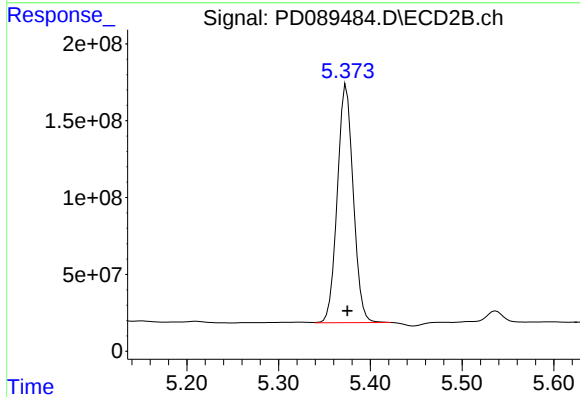
R.T.: 5.211 min
Delta R.T.: 0.020 min
Response: 36573000
Conc: 1.60 ng/ml



#12 4,4'-DDE

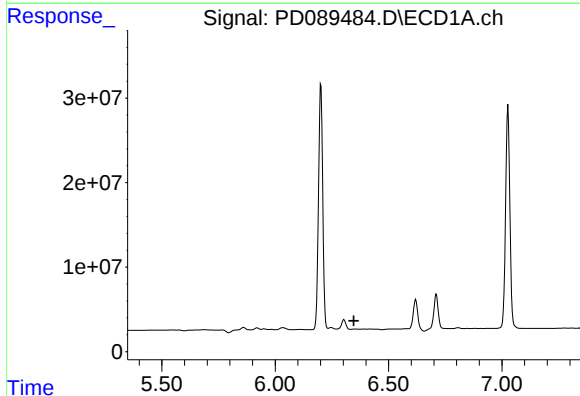
R.T.: 6.202 min
Delta R.T.: 0.006 min
Response: 370769099
Conc: 85.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039DL



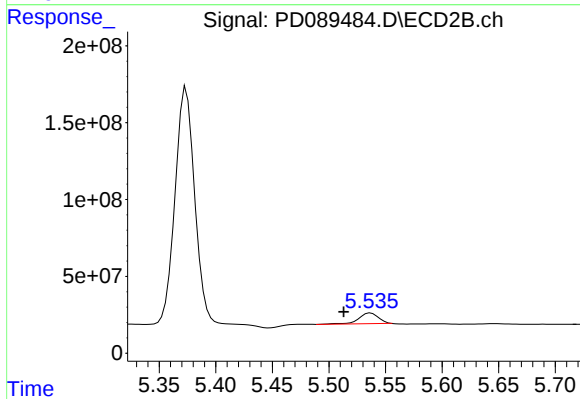
#12 4,4'-DDE

R.T.: 5.374 min
Delta R.T.: -0.001 min
Response: 1868476903
Conc: 81.54 ng/ml



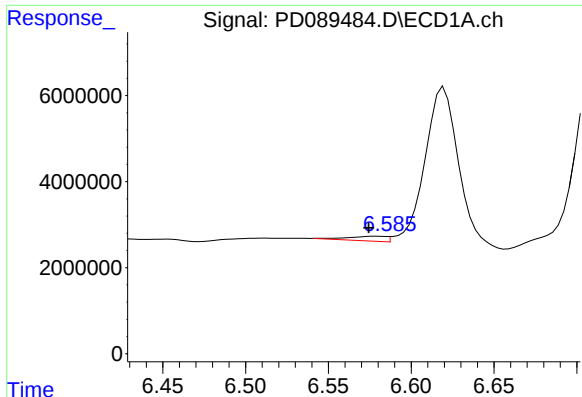
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: 0.006 min
Response: -4864373
Conc: N.D.



#13 Dieldrin

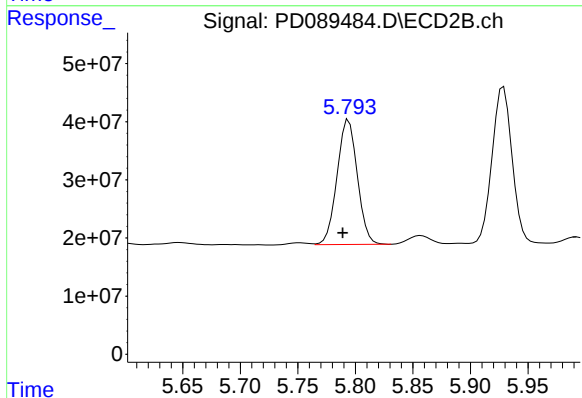
R.T.: 5.537 min
Delta R.T.: 0.024 min
Response: 82891547
Conc: 3.57 ng/ml



#14 Endrin

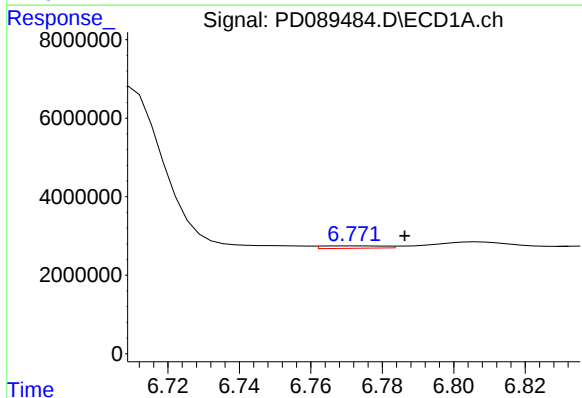
R.T.: 6.579 min
Delta R.T.: 0.005 min
Response: 1784773
Conc: 0.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039DL



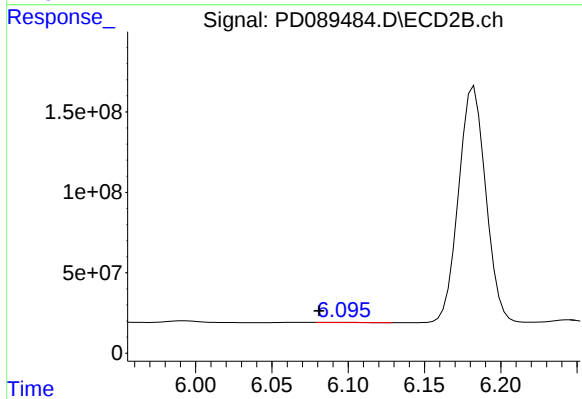
#14 Endrin

R.T.: 5.794 min
Delta R.T.: 0.005 min
Response: 264300587
Conc: 12.17 ng/ml



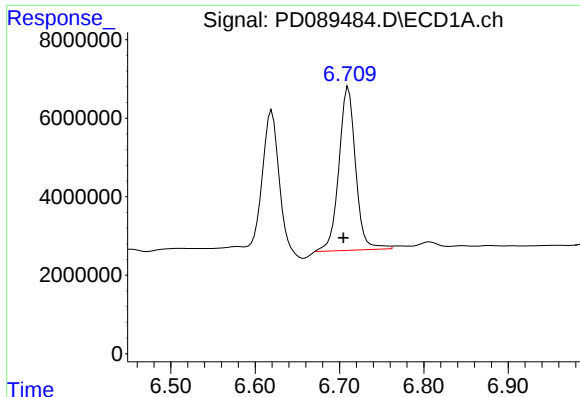
#15 Endosulfan II

R.T.: 6.772 min
Delta R.T.: -0.014 min
Response: 738119
Conc: 0.18 ng/ml



#15 Endosulfan II

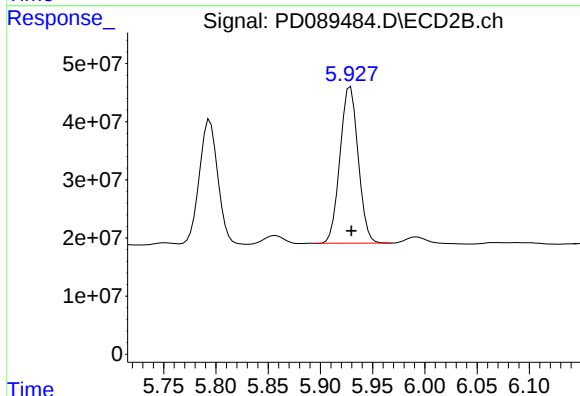
R.T.: 6.088 min
Delta R.T.: 0.007 min
Response: 3496932
Conc: 0.17 ng/ml



#16 4,4'-DDD

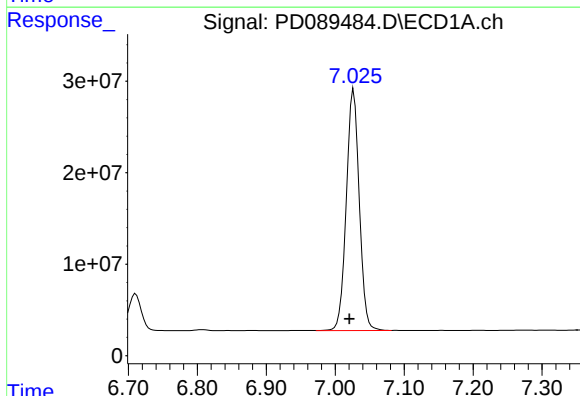
R.T.: 6.711 min
Delta R.T.: 0.006 min
Response: 57290102
Conc: 16.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039DL



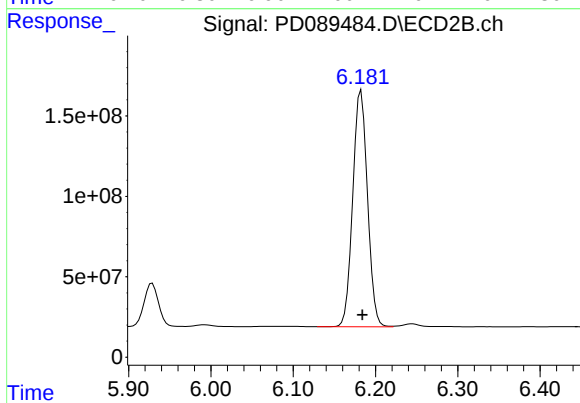
#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: -0.001 min
Response: 325731602
Conc: 17.03 ng/ml



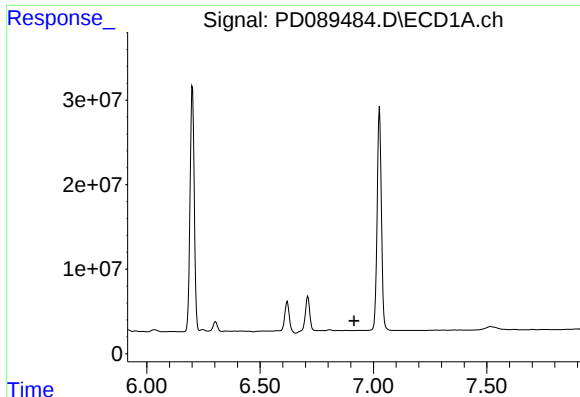
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.006 min
Response: 345474932
Conc: 91.20 ng/ml



#17 4,4'-DDT

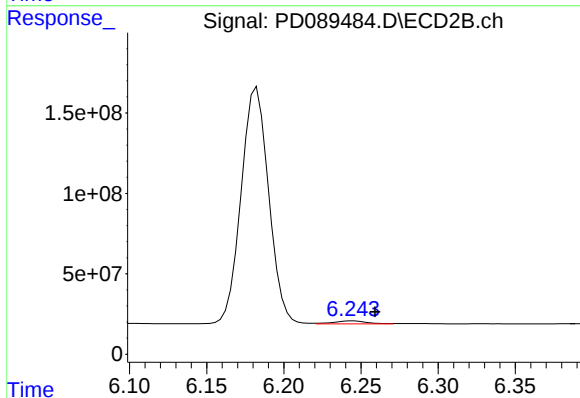
R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 1826963662
Conc: 90.09 ng/ml



#18 Endrin aldehyde

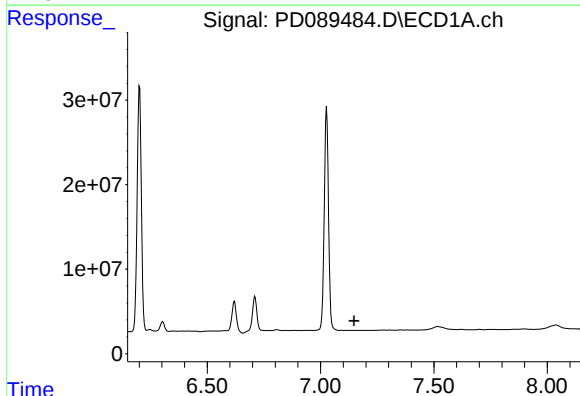
R.T.: 0.000 min
Exp R.T.: 6.915 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
ARS20-0039DL



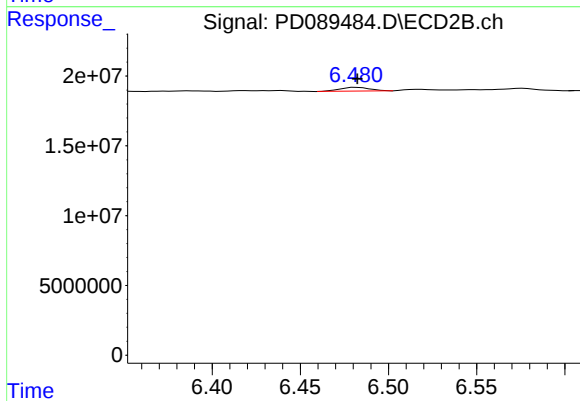
#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: -0.015 min
Response: 25836996
Conc: 1.69 ng/ml



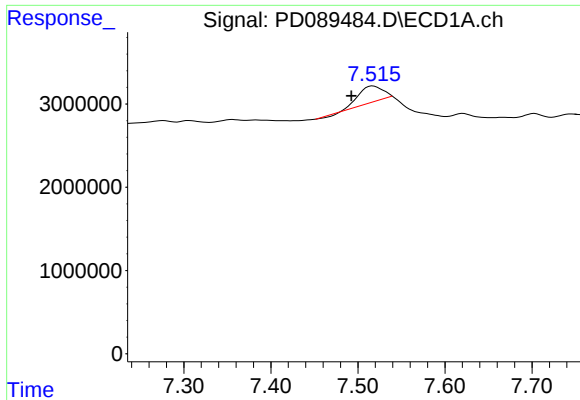
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

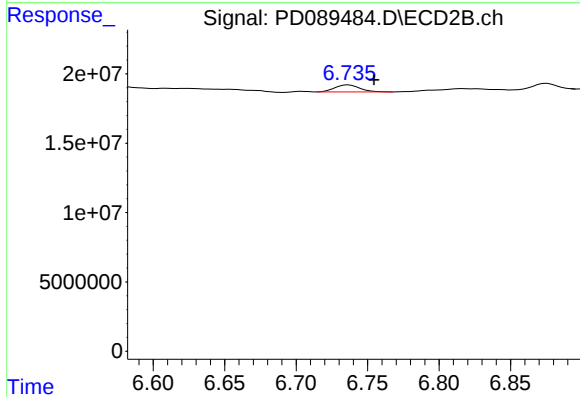
R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 3138036
Conc: 0.16 ng/ml



#20 Methoxychlor

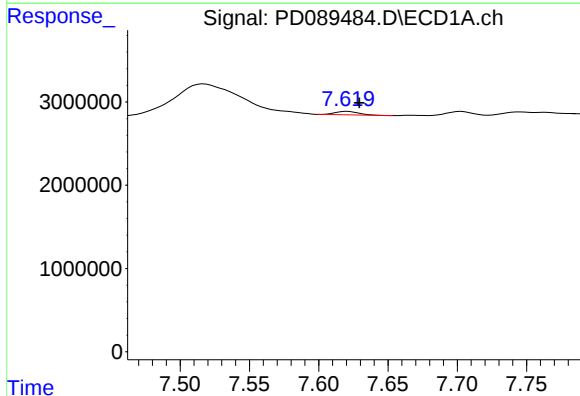
R.T.: 7.517 min
Delta R.T.: 0.025 min
Response: 3941840
Conc: 1.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039DL



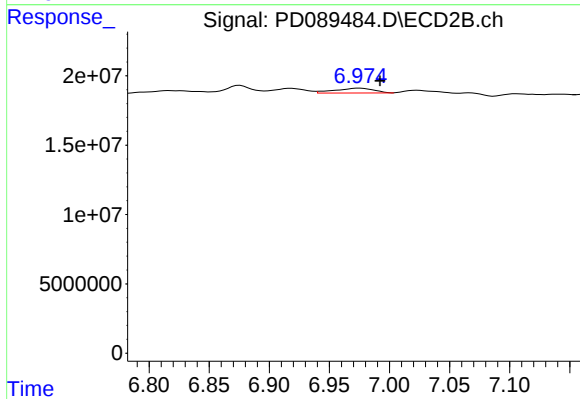
#20 Methoxychlor

R.T.: 6.737 min
Delta R.T.: -0.018 min
Response: 6085979
Conc: 0.57 ng/ml



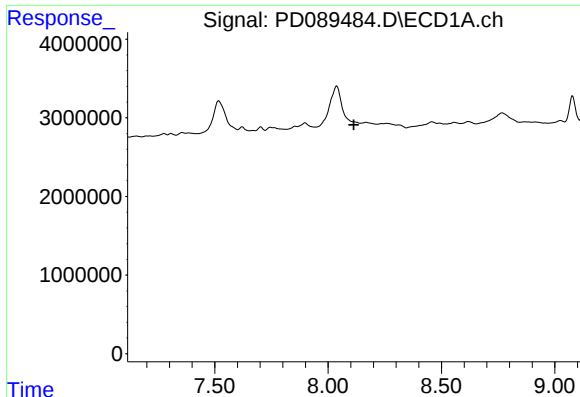
#21 Endrin ketone

R.T.: 7.621 min
Delta R.T.: -0.009 min
Response: 493115
Conc: 0.12 ng/ml



#21 Endrin ketone

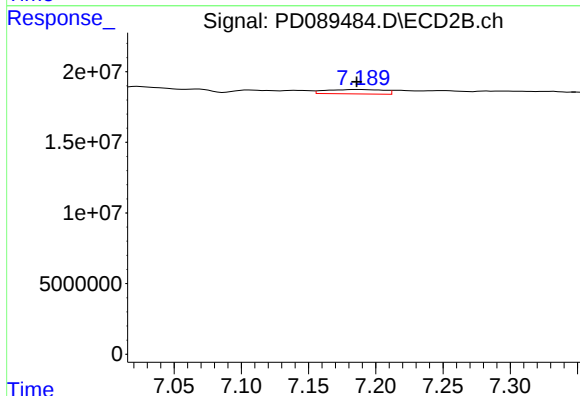
R.T.: 6.975 min
Delta R.T.: -0.017 min
Response: 7798437
Conc: 0.36 ng/ml



#22 Mirex

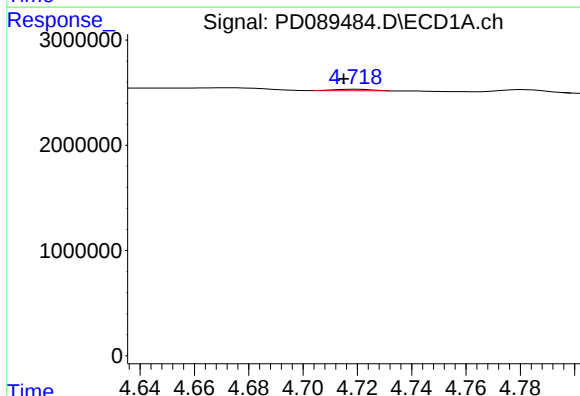
R.T.: 0.000 min
Exp R.T.: 8.113 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
ARS20-0039DL



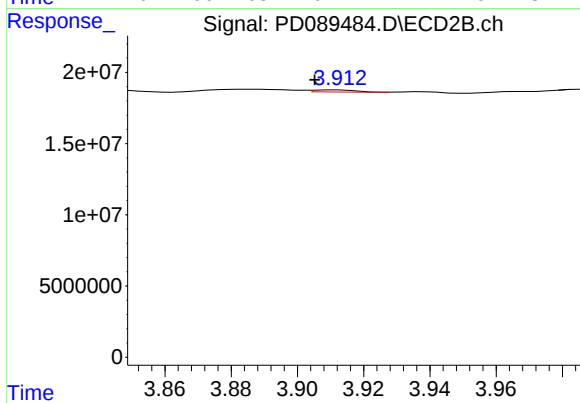
#22 Mirex

R.T.: 7.185 min
Delta R.T.: 0.000 min
Response: 9197296
Conc: 0.55 ng/ml



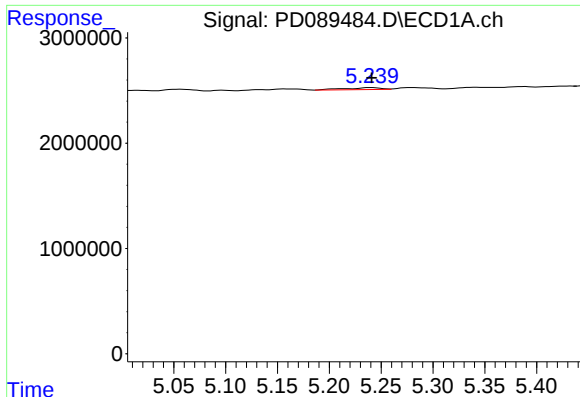
#23 Chlordane-1

R.T.: 4.720 min
Delta R.T.: 0.005 min
Response: 104484
Conc: 0.49 ng/ml



#23 Chlordane-1

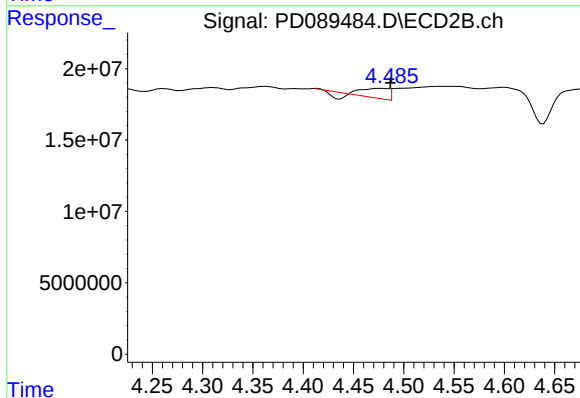
R.T.: 3.912 min
Delta R.T.: 0.007 min
Response: 1352929
Conc: 1.45 ng/ml



#24 Chlordane-2

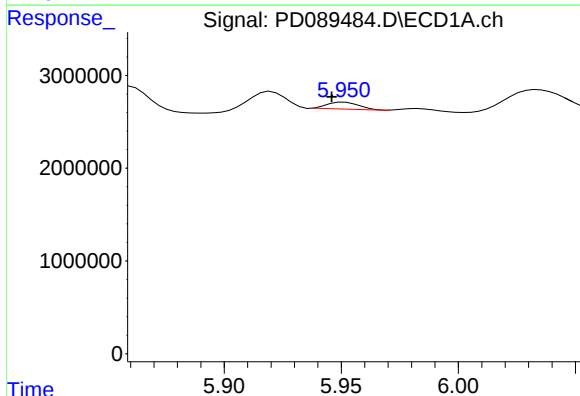
R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 440954
Conc: 2.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039DL



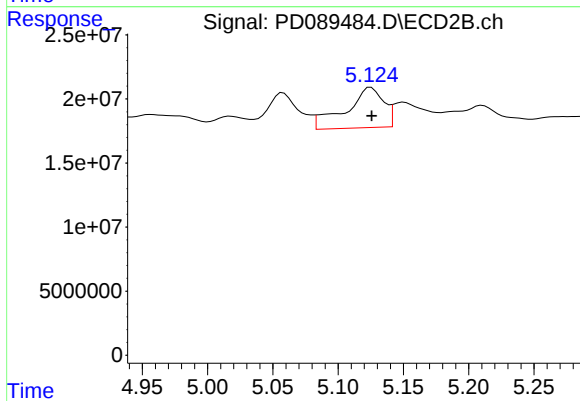
#24 Chlordane-2

R.T.: 4.476 min
Delta R.T.: -0.011 min
Response: 9452638
Conc: 9.93 ng/ml



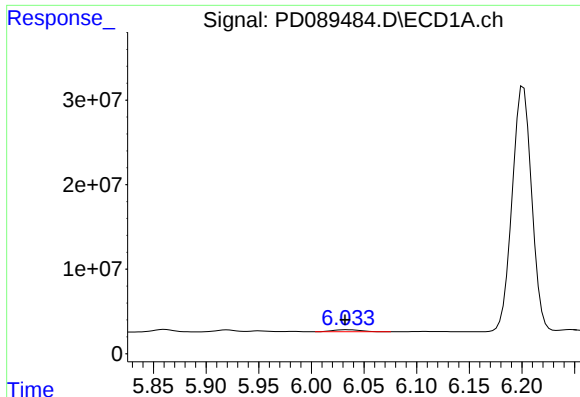
#25 Chlordane-3

R.T.: 5.951 min
Delta R.T.: 0.005 min
Response: 716175
Conc: 0.83 ng/ml



#25 Chlordane-3

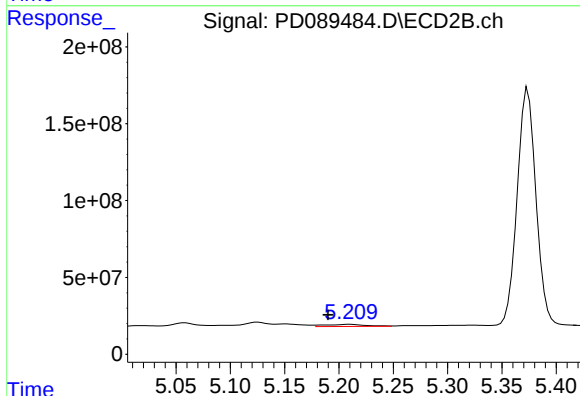
R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 63176211
Conc: 21.27 ng/ml



#26 Chlordane-4

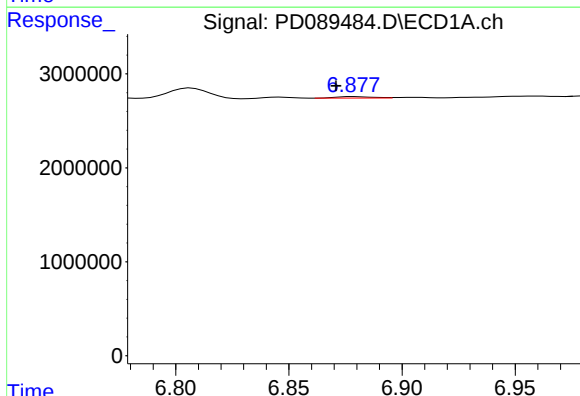
R.T.: 6.034 min
Delta R.T.: 0.002 min
Response: 4395207
Conc: 4.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039DL



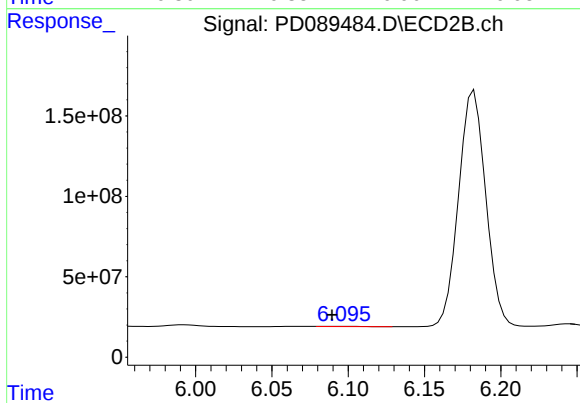
#26 Chlordane-4

R.T.: 5.211 min
Delta R.T.: 0.021 min
Response: 36573000
Conc: 14.59 ng/ml



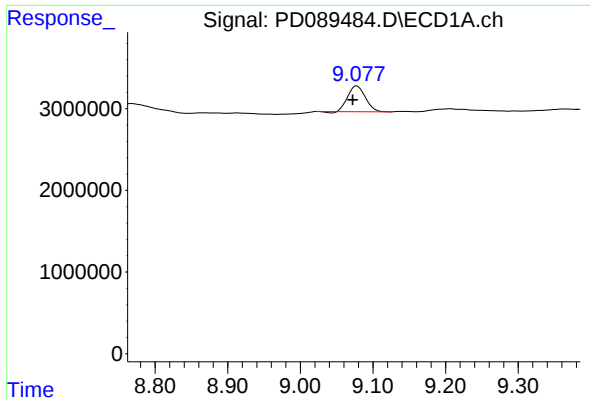
#27 Chlordane-5

R.T.: 6.879 min
Delta R.T.: 0.008 min
Response: 178339
Conc: 0.98 ng/ml



#27 Chlordane-5

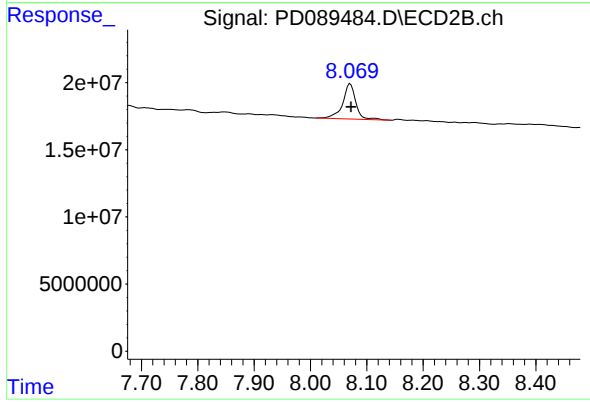
R.T.: 6.088 min
Delta R.T.: -0.002 min
Response: 3496932
Conc: 3.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.078 min
Delta R.T.: 0.006 min
Response: 5236913
Conc: 1.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0039DL



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.002 min
Response: 42459784
Conc: 2.15 ng/ml