

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040919\
Data File : PD052811.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Apr 2019 18:24
Operator : AJ\SJ
Sample : PEM39
Misc :
ALS Vial : 3 Sample Multiplier: 1

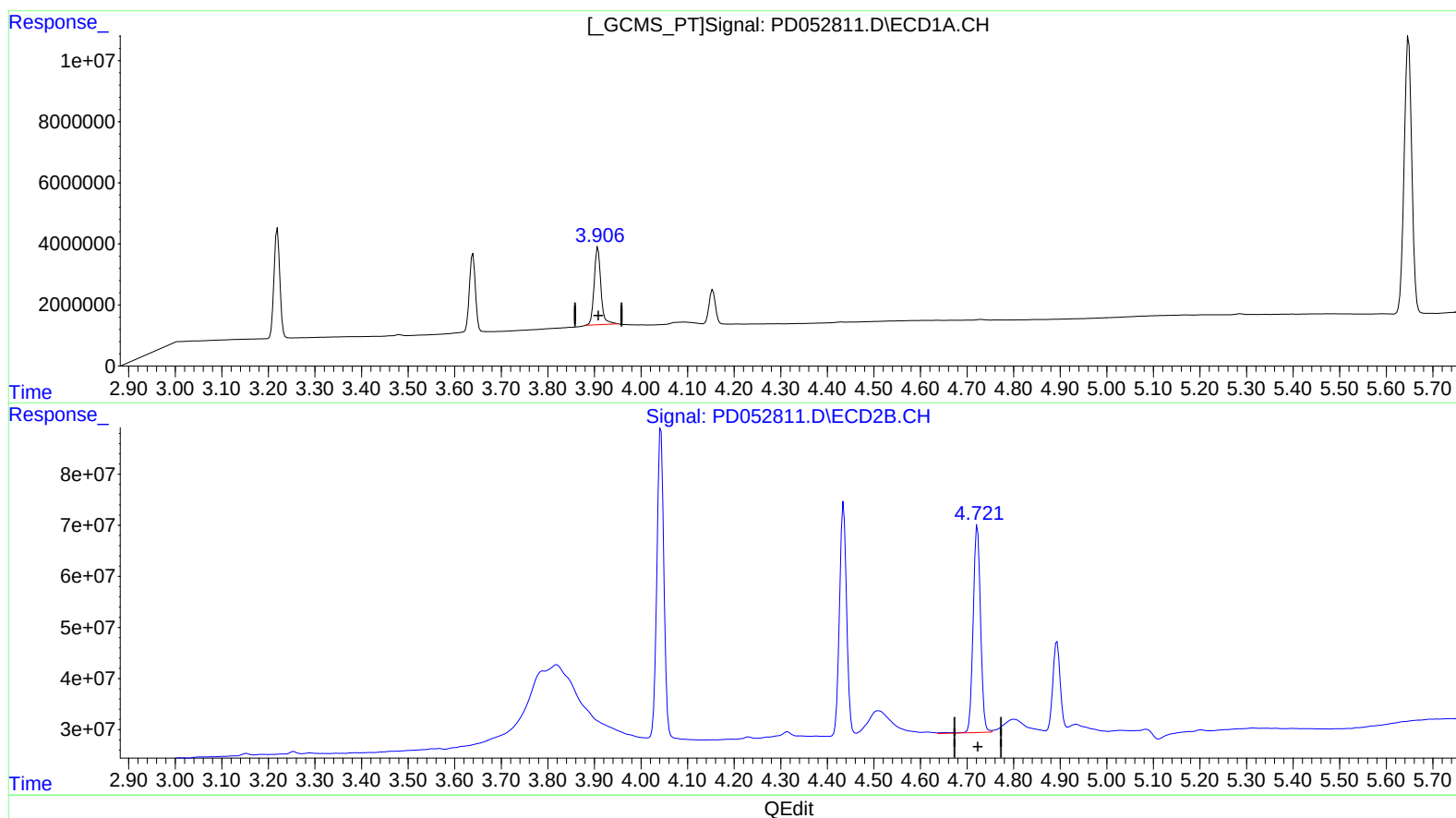
Instrument :
ECD_D
LabSampleId :
PEM39

Manual Integrations
APPROVED

mohammad
4/11/2019 3:44:56 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 01:42:30 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD040819CLP.M
Quant Title : GC Extractables
QLast Update : Tue Apr 09 07:32:05 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(3) gamma-BHC (Lindane) (MA)

3.908min 10.422 ng/ml

response 25446429

(3) gamma-BHC (Lindane) #2 (MA)

4.722min 10.387 ng/ml

response 446280103

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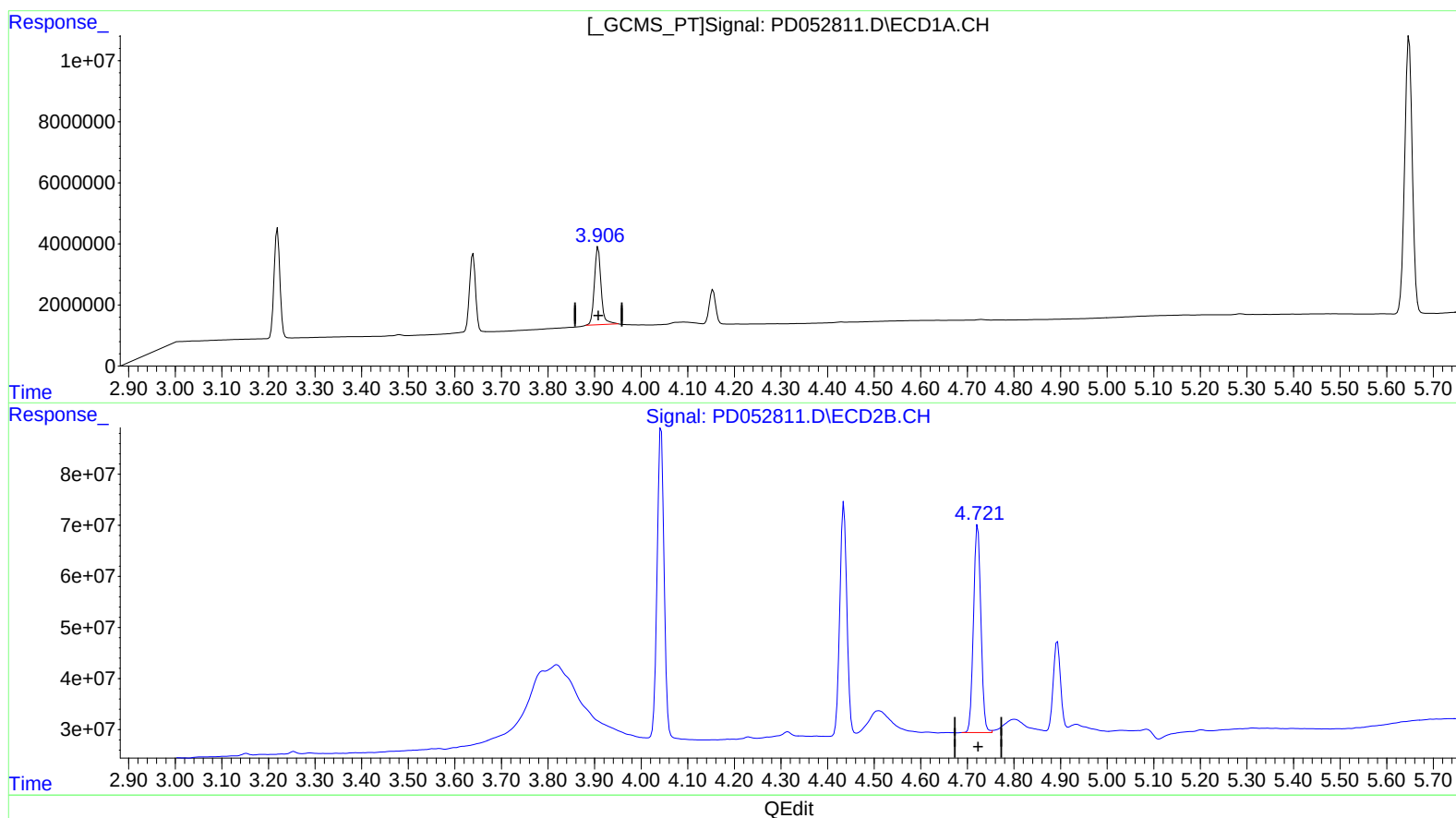
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3.908min 10.422 ng/ml

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(3) gamma-BHC (Lindane) #2 (MA)

4.721min 10.318 ng/ml m

response 443332355

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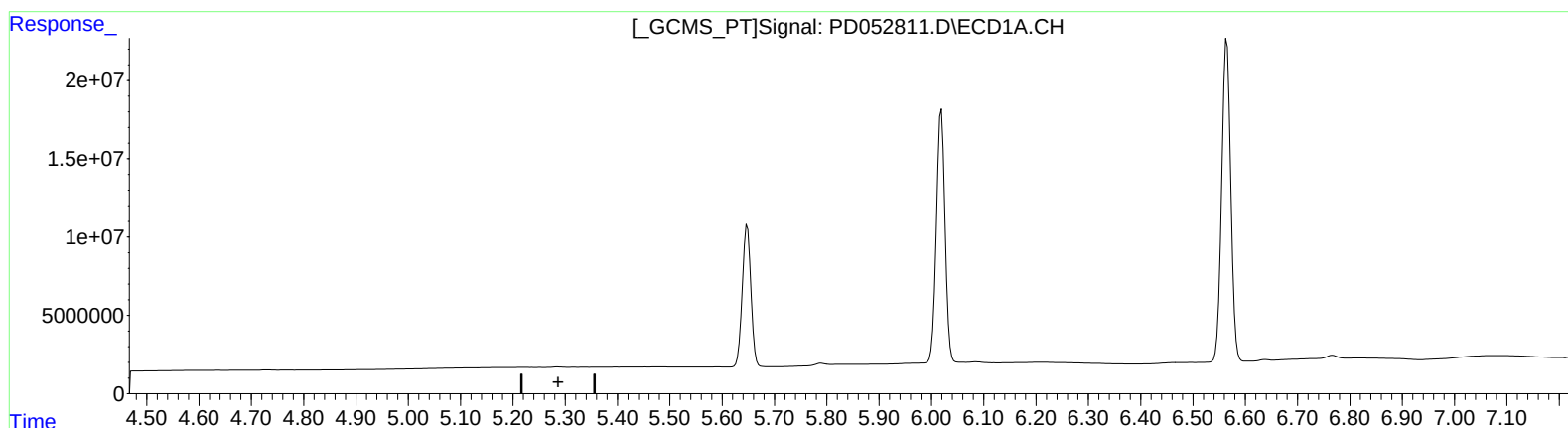
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(12) 4,4'-DDE (B)

0.000min 0.000 ng/ml

response 0

(12) 4,4'-DDE #2 (B)

0.000min 0.000 ng/ml

response 0

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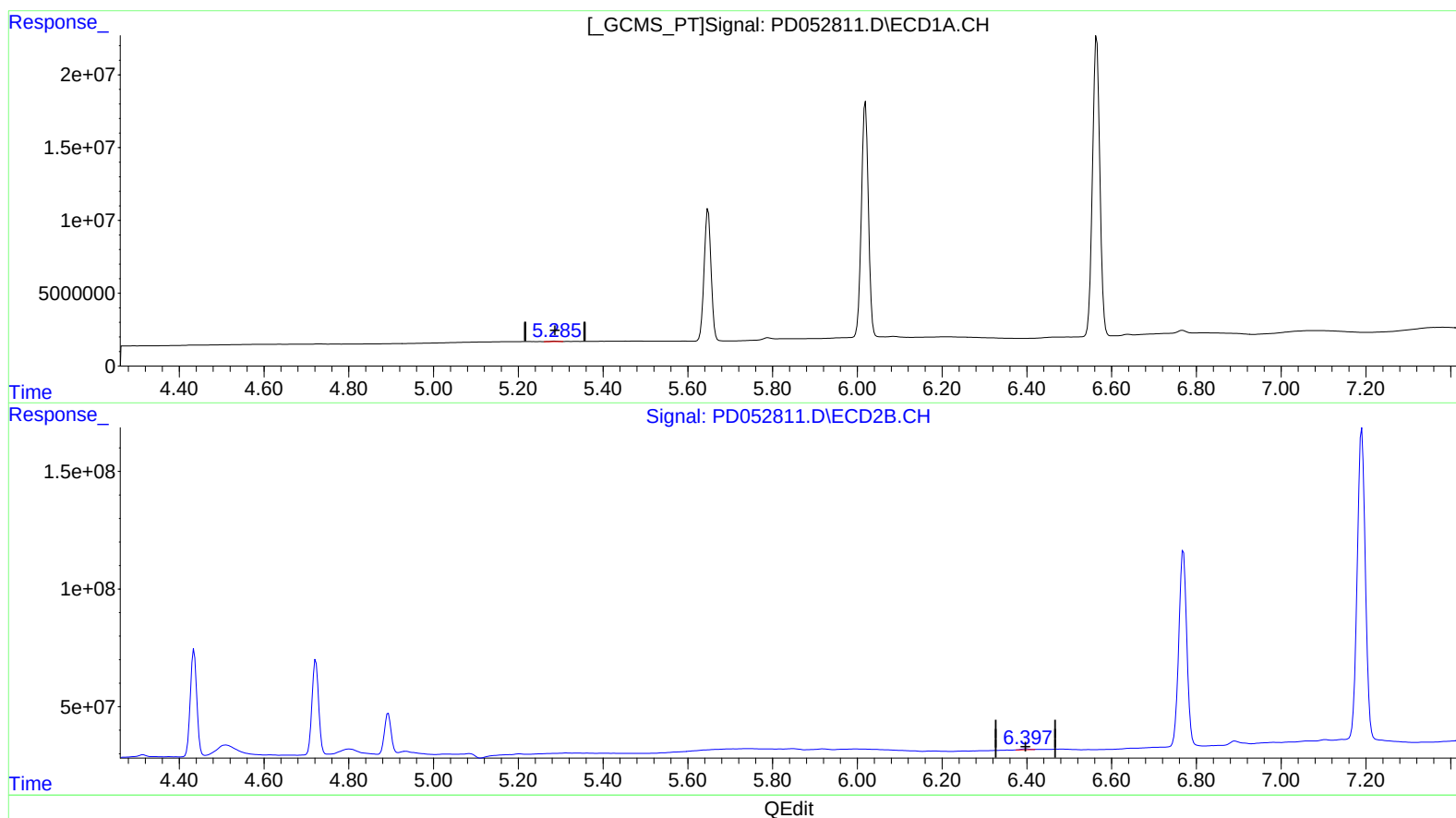
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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(12) 4,4'-DDE (B)
5.285min 0.147 ng/ml m
response 318658

(12) 4,4'-DDE #2 (B)
6.397min 0.149 ng/ml m
response 4897402

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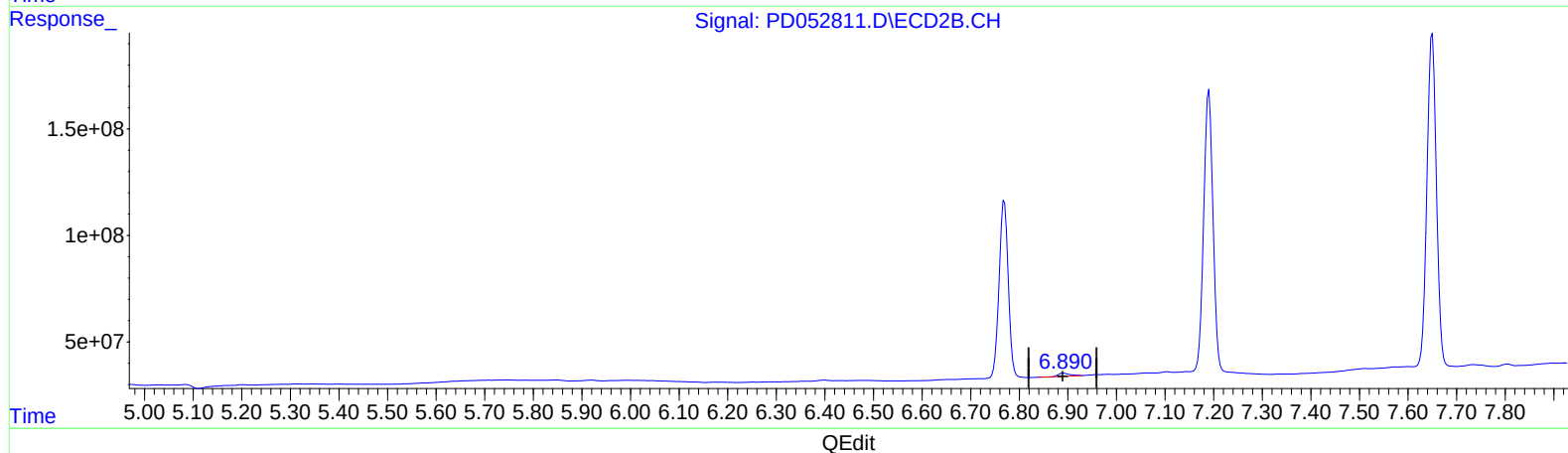
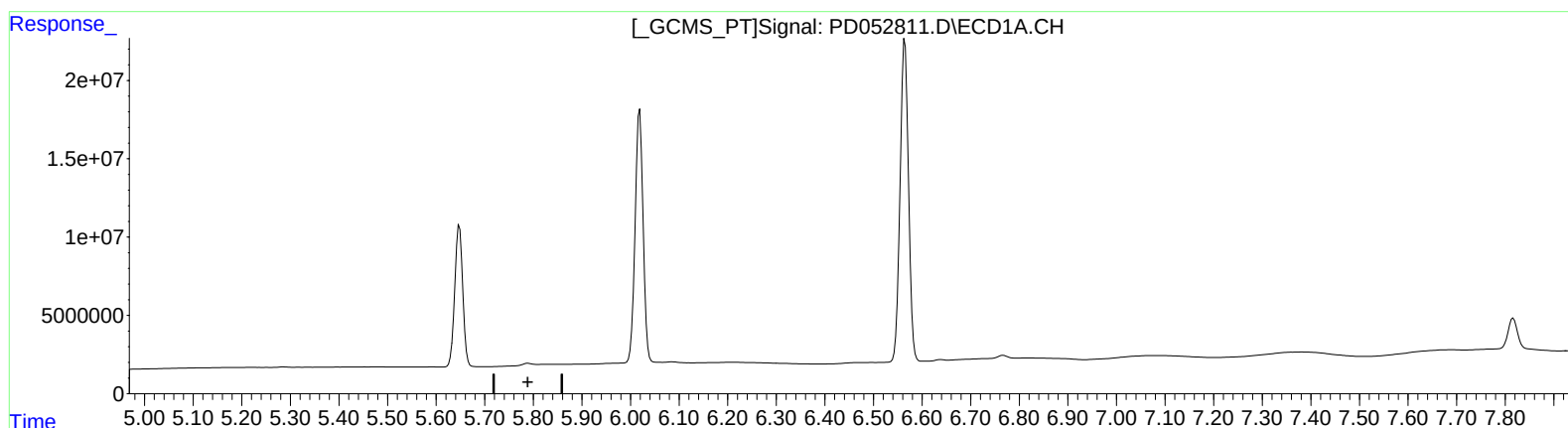
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(16) 4,4'-DDD (A)
0.000min 0.000 ng/ml
response 0

(16) 4,4'-DDD #2 (A)
6.891min 1.014 ng/ml
response 25315846

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040919\
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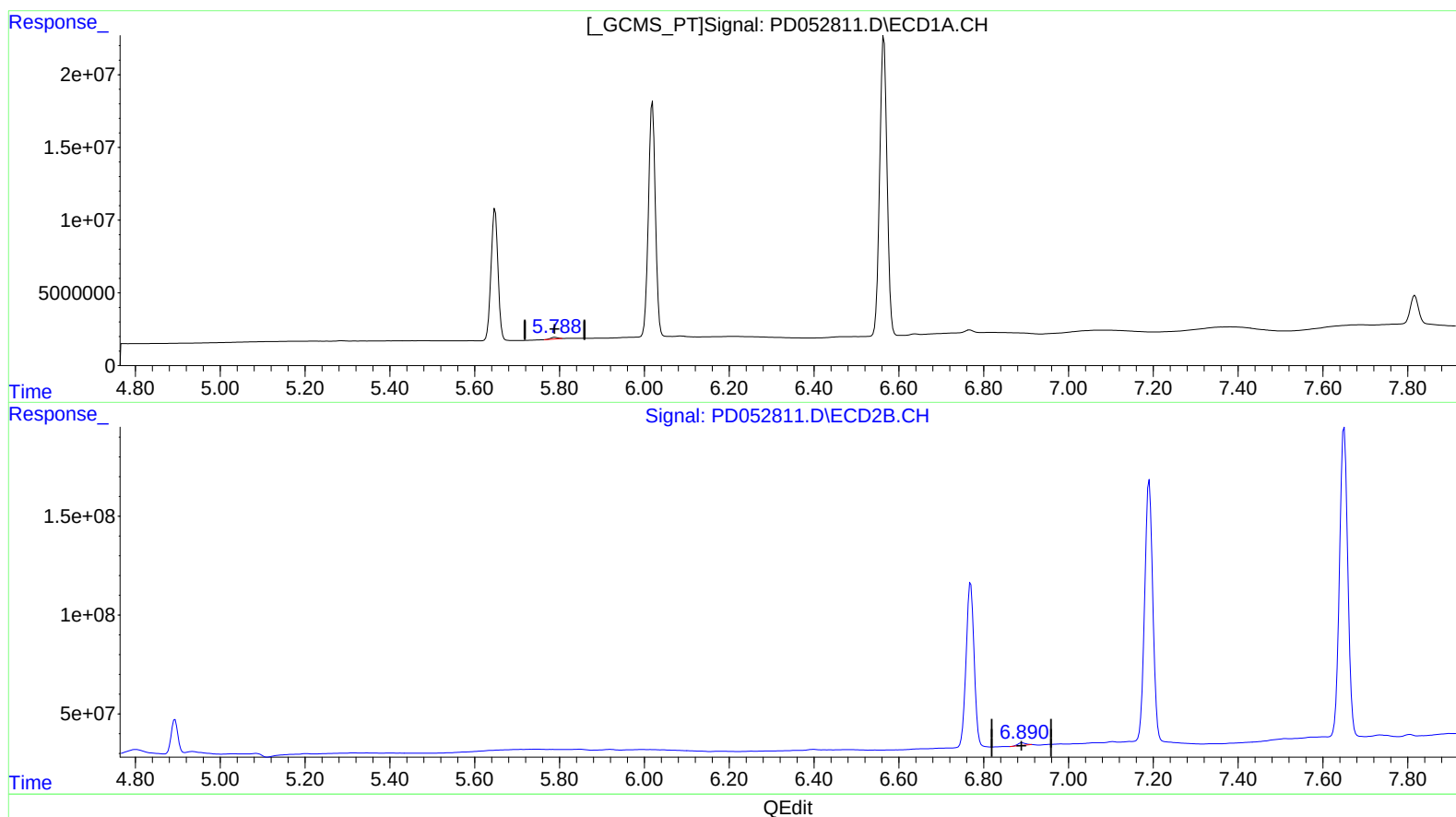
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Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(16) 4,4'-DDD (A)
5.788min 0.743 ng/ml m
response 1337190

(16) 4,4'-DDD #2 (A)
6.890min 0.697 ng/ml m
response 17391389

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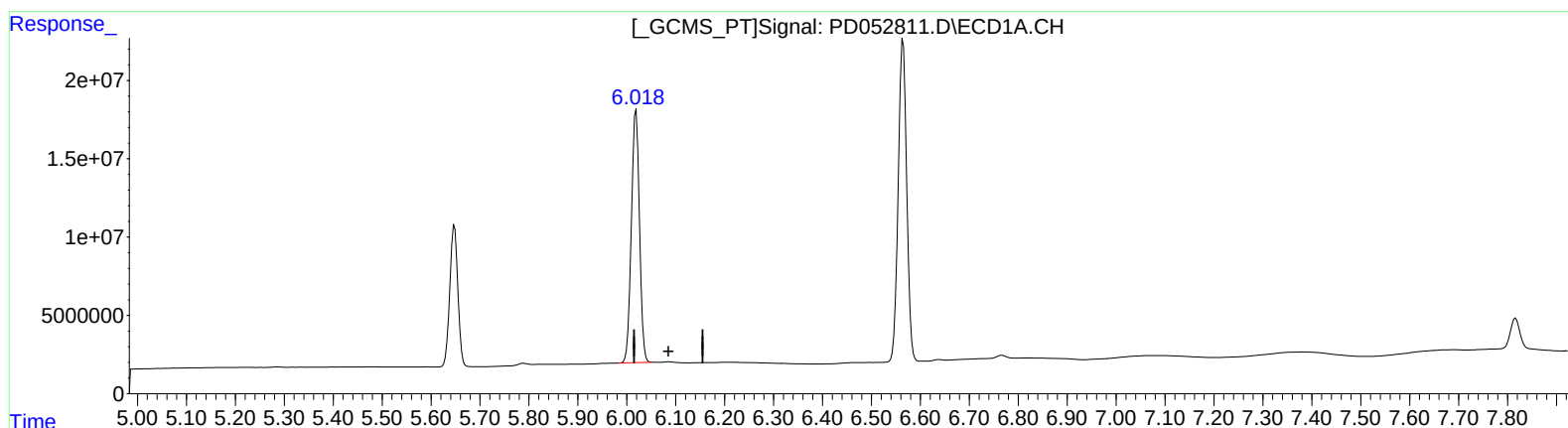
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

6.019min 115.776 ng/ml

response 185365408

(18) Endrin aldehyde #2 (B)

0.000min 0.000 ng/ml

response 0

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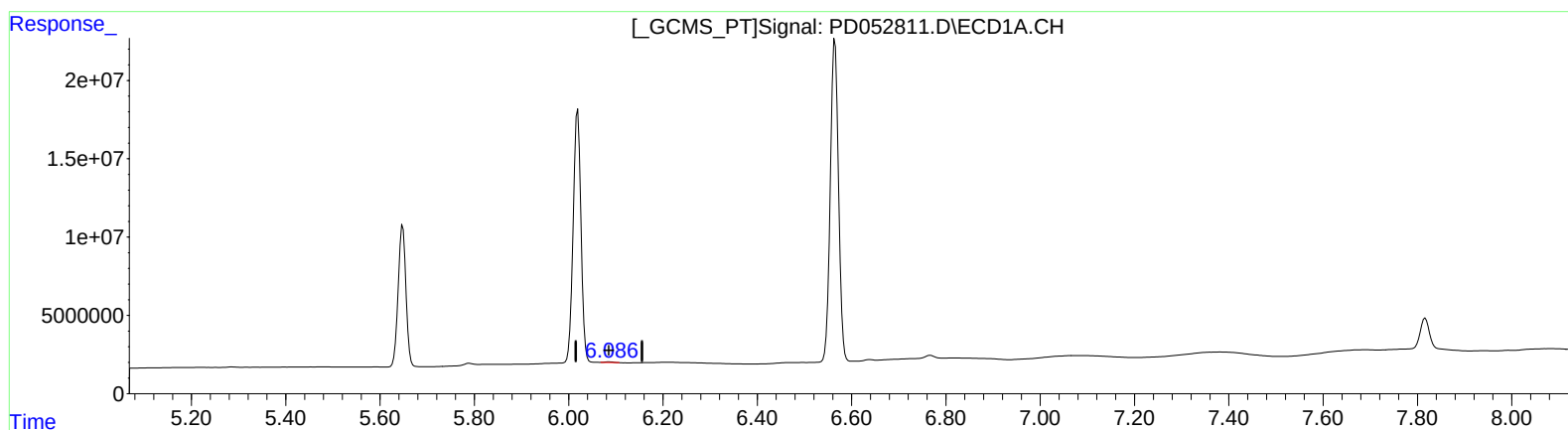
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

6.086min 0.333 ng/ml m

response 533385

(18) Endrin aldehyde #2 (B)

7.103min 0.216 ng/ml m

response 4610144

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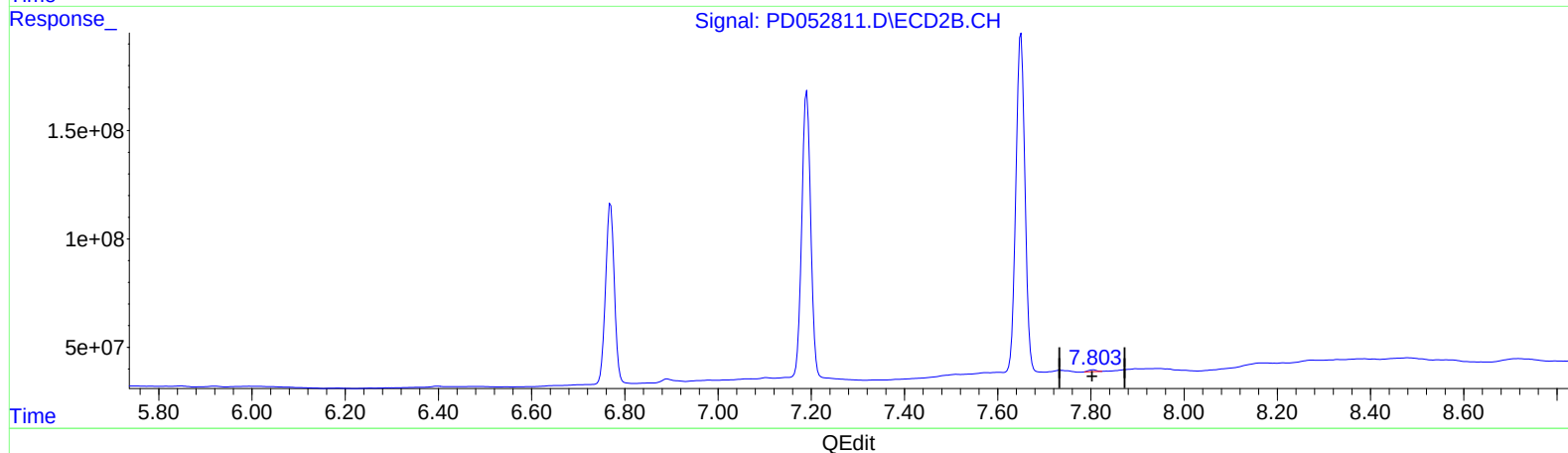
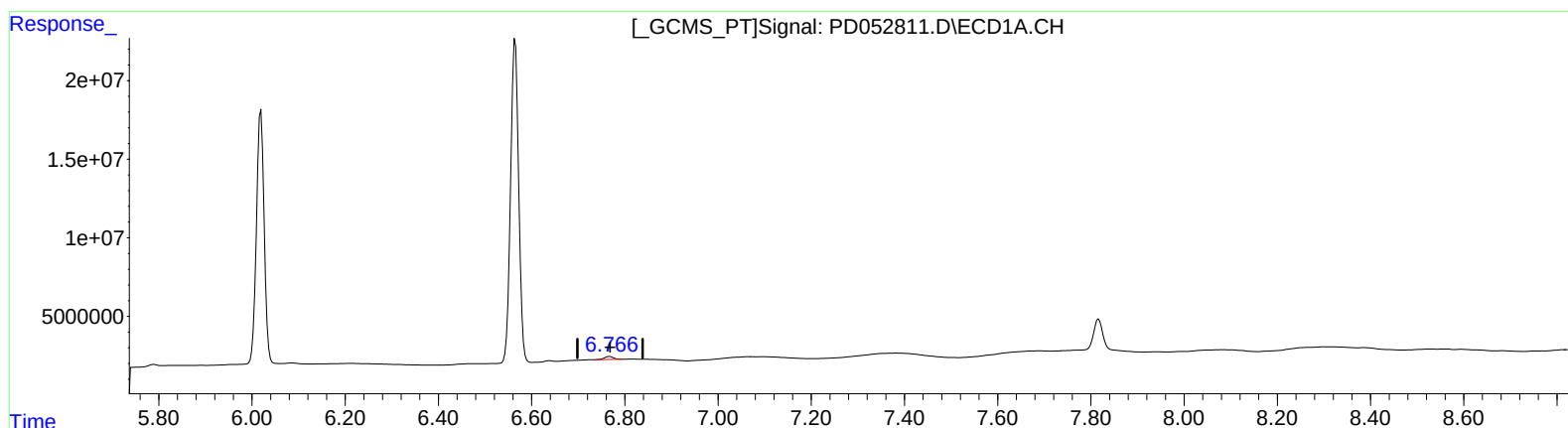
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(21) Endrin ketone (B)
6.766min 1.284 ng/ml m
response 2521748

(21) Endrin ketone #2 (B)
7.803min 0.526 ng/ml m
response 10307086

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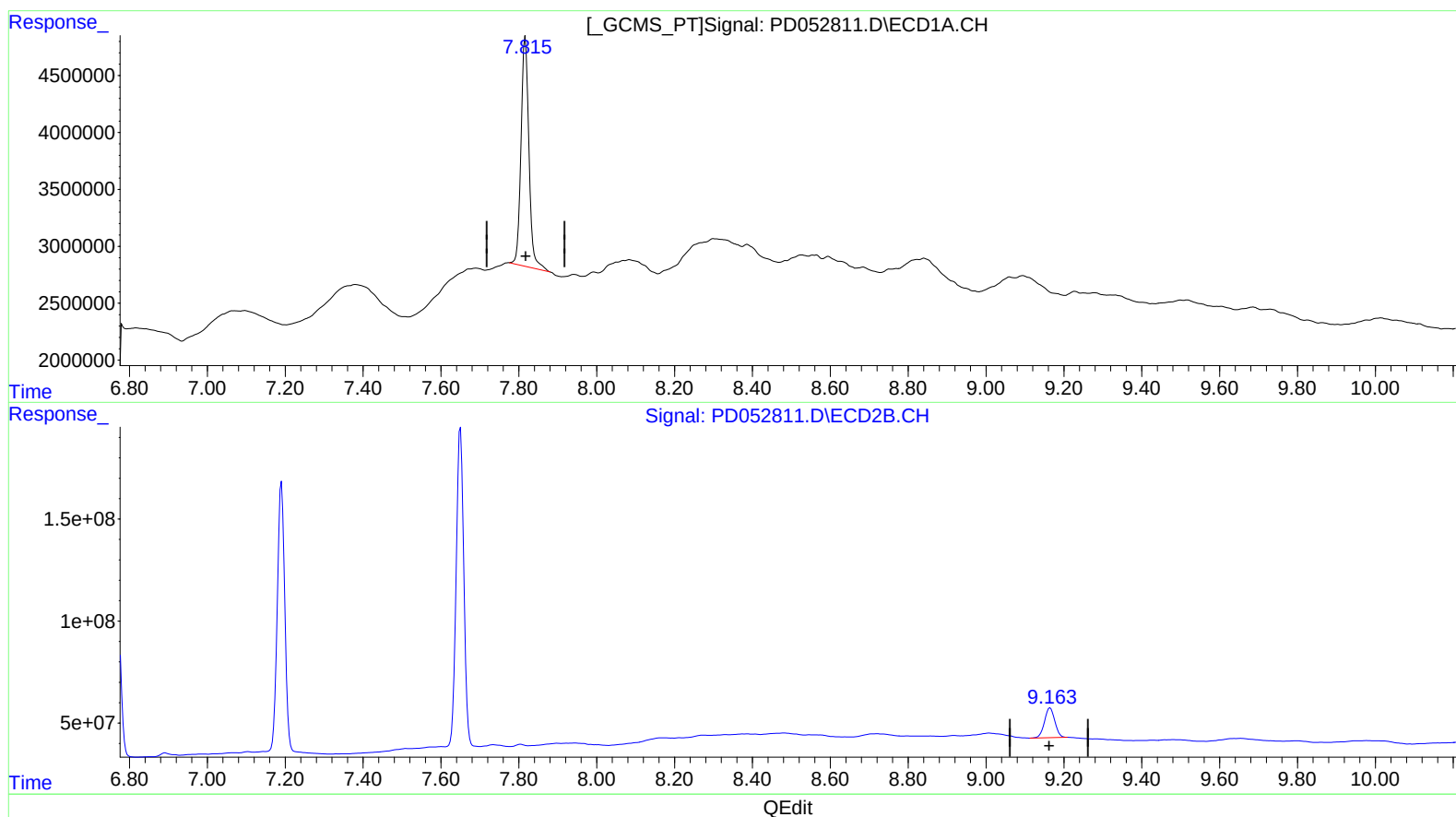
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(27) Decachlorobiphenyl (SA)

7.817min 20.125 ng/ml

response 28375526

(27) Decachlorobiphenyl #2 (SA)

9.165min 18.678 ng/ml

response 269308499

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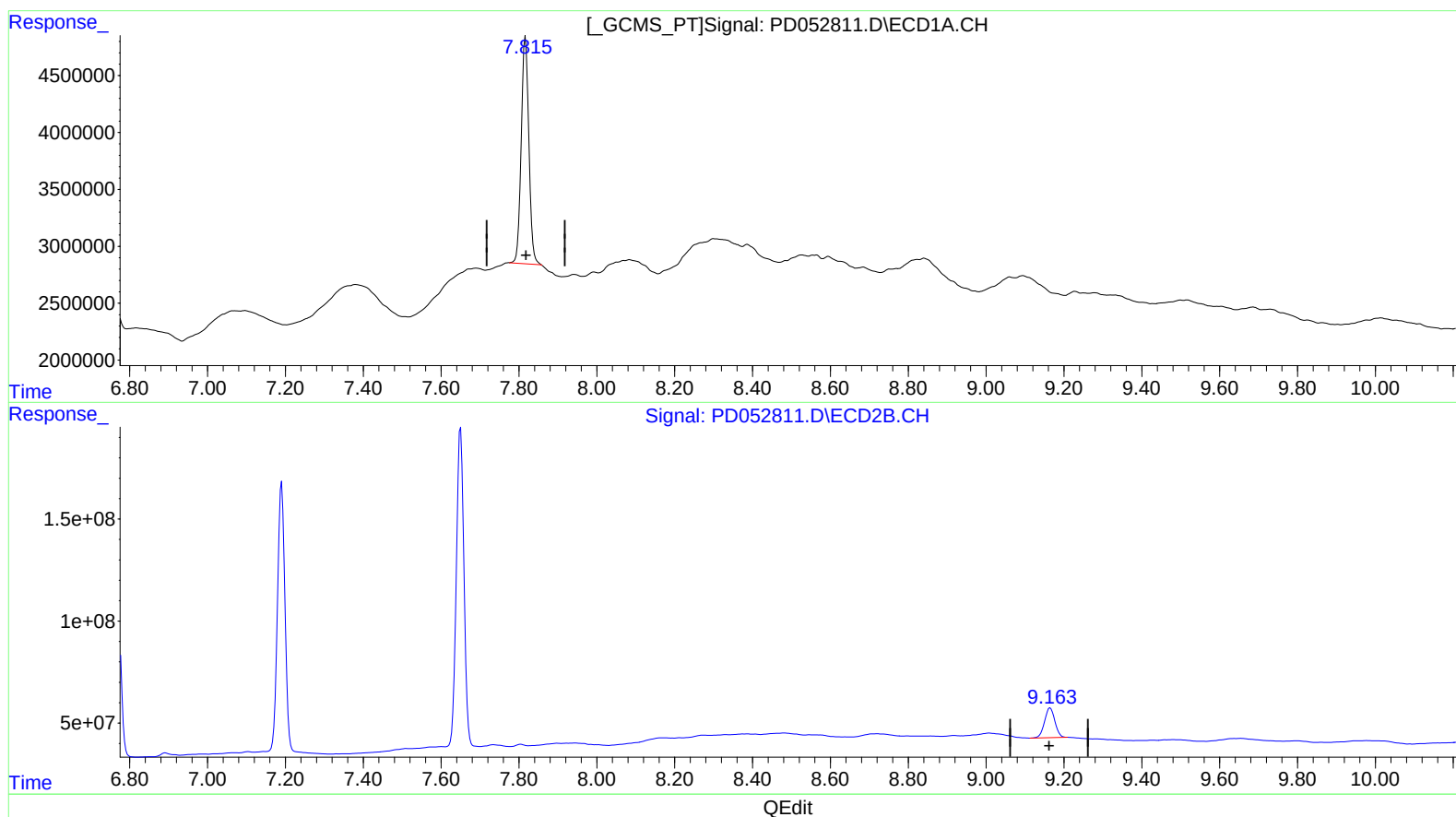
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(27) Decachlorobiphenyl (SA)

7.815min 19.204 ng/ml m

response 27076856

(27) Decachlorobiphenyl #2 (SA)

9.165min 18.678 ng/ml

response 269308499

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.219	4.043	31576214	631.2E6	20.739	19.946
27) SA Decachlor...	7.815	9.165	27076856	269.3E6	19.204m	18.678
Target Compounds						
2) A alpha-BHC	3.639	4.435	23590540	485.2E6	9.778	10.202
3) MA gamma-BHC...	3.908	4.721	25446429	443.3E6	10.422	10.318m >
6) B beta-BHC	4.154	4.893	10942574	189.5E6	10.548	9.688
12) B 4,4'-DDE	5.285	6.397	318658	4897402	0.147m >	0.149m >
14) MA Endrin	5.648	6.769	103.5E6	1097.5E6	52.055	43.419
16) A 4,4'-DDD	5.788	6.890	1337190	17391389	0.743m >	0.697m >
17) MA 4,4'-DDT	6.019	7.190	185.4E6	1768.8E6	112.198	89.947
18) B Endrin al...	6.086	7.103	533385	4610144	0.333m >	0.216m# >
20) A Methoxychlor	6.565	7.650	248.7E6	2119.3E6	251.197	223.210
21) B Endrin ke...	6.766	7.803	2521748	10307086	1.284m >	0.526m# >

AJ
 04/12/19

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