Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020322\
Data File : PD067887.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Feb 2022 09:11
Operator : AR\AJ
Sample : RESC009
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESC018

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 02/04/2022
Supervised By :Ankita Jodhani 02/08/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 02:18:47 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD020322CLP.M
Quant Title : GC Extractables
QLast Update : Fri Feb 04 02:10:59 2022
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.430	3.959	44956735	173.5E6	22.228	22.108
27)	SA Decachlor...	8.148	9.008	40133027	211.7E6	43.921	43.236
	Target Compounds						
2)	A alpha-BHC	3.866	4.353	32643797	117.2E6	10.944	11.699
3)	MA gamma-BHC...	4.147	4.637	31587041	112.1E6	10.973	11.789
4)	MA Heptachlor	4.440	5.136	32115748	98536893	10.942	11.565
5)	MB Aldrin	4.684	5.440	31011246	91090194	10.532	11.125
6)	B beta-BHC	4.396	4.816	14029280	52080201	10.537	11.567
7)	B delta-BHC	4.598	5.030	28764807	96670798	10.222	11.821
8)	B Heptachlo...	5.125	5.827	27739262	105.3E6	10.407	15.523m#
9)	A Endosulfan I	5.460	6.185	27134985	81812201	11.056	11.744
10)	B trans-Chl...	5.348	6.062	28260694	80848608	10.387	11.094
11)	B cis-Chlor...	5.406	6.133	27631628	81430491	10.261	11.133
12)	B 4,4'-DDE	5.570	6.294	54090266	145.5E6	22.119	21.457
13)	MA Dieldrin	5.702	6.443	57034096	164.1E6	21.456	22.856
14)	MA Endrin	5.959	6.658	50101930	109.6E6	23.273	18.413m
15)	B Endosulfa...	6.232	6.876	45017447	133.4E6	21.154	21.609
16)	A 4,4'-DDD	6.084	6.789	43159279	129.7E6	21.908	22.403
17)	MA 4,4'-DDT	6.322	7.085	40606066	128.7E6	21.203	22.366
18)	B Endrin al...	6.400	7.001	33965739	104.8E6	21.775	21.842
19)	B Endosulfa...	6.612	7.224	37964628	128.3E6	20.994	21.839
20)	A Methoxychlor	6.869	7.546	97038050	330.9E6	110.484	118.234m
21)	B Endrin ke...	7.101	7.695	42748339	148.4E6	22.608m	22.189

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

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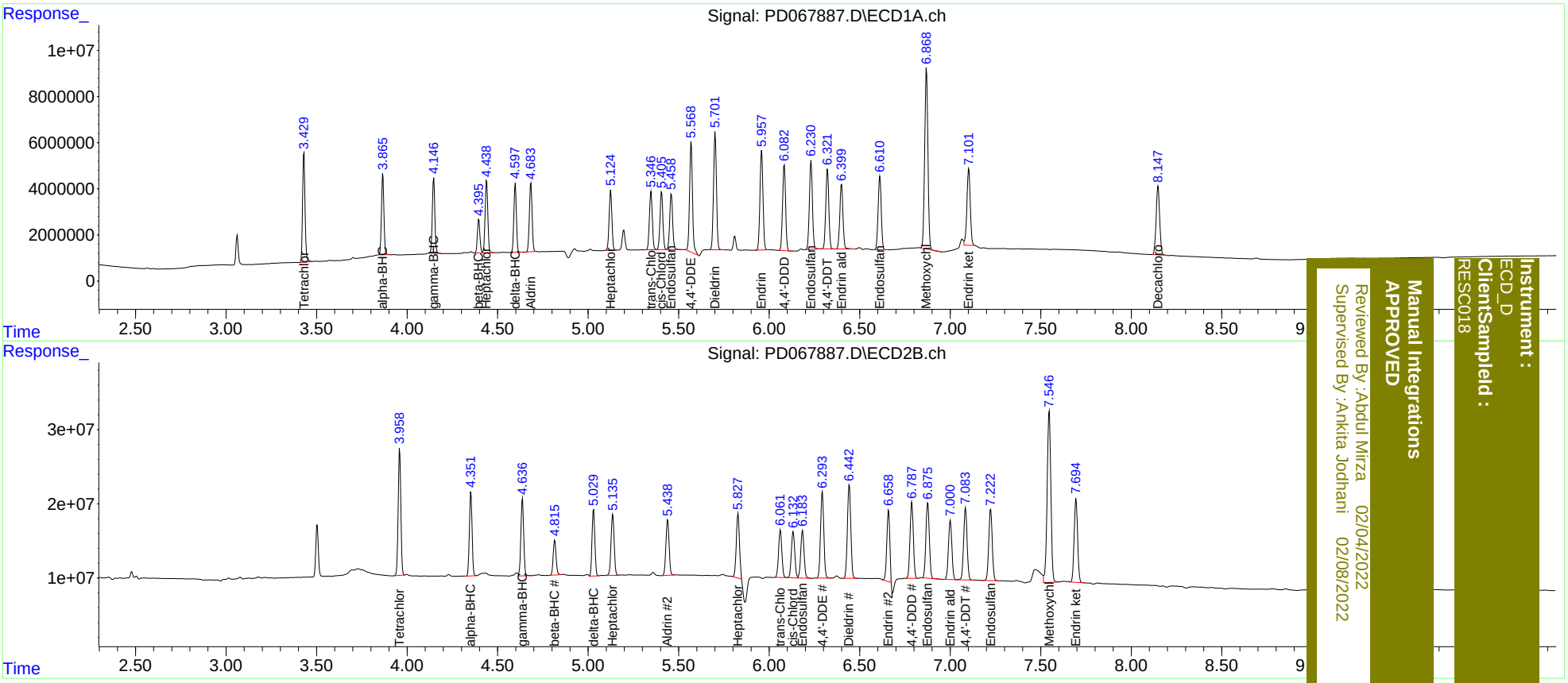

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 02/04/2022
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Instrument :
ECD_D
ClientSampleId :
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Chromatographic Resolution Report

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020322\
Data File : PD067887.D
Acq On : 03 Feb 2022 09:11
Operator : AR\AJ
Sample : RESC009
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESC018

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 02/04/2022
Supervised By :Ankita Jodhani 02/08/2022

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

Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD020322CLP.M
Title : GC Extractables
Last Update : Fri Feb 04 02:10:59 2022
Integrator: ChemStation

RT#1	RT#2	Resolution
3.430	3.866	100.00%
3.866	4.147	100.00%
4.147	4.396	100.00%
4.396	4.440	97.77%
4.440	4.598	100.00%
4.598	4.684	100.00%
4.684	5.125	100.00%
5.125	5.348	100.00%
5.348	5.406	100.00%
5.406	5.460	99.93%
5.460	5.570	100.00%
5.570	5.702	100.00%
5.702	5.959	100.00%
5.959	6.084	100.00%
6.084	6.232	100.00%
6.232	6.322	100.00%
6.322	6.400	100.00%
6.400	6.612	100.00%
6.612	6.869	100.00%
6.869	7.103	100.00%
7.103	8.148	100.00%

Signal #2

3.959	4.353	100.00%
4.353	4.637	100.00%
4.637	4.816	100.00%
4.816	5.030	100.00%
5.030	5.136	100.00%
5.136	5.440	100.00%
5.440	5.828	100.00%
5.828	6.062	100.00%
6.062	6.133	99.24%
6.133	6.185	97.55%
6.185	6.294	100.00%
6.294	6.443	100.00%
6.443	6.660	100.00%
6.660	6.789	100.00%
6.789	6.876	100.00%
6.876	7.001	100.00%
7.001	7.085	100.00%
7.085	7.224	100.00%
7.224	7.547	100.00%
7.547	7.695	100.00%
7.695	9.008	100.00%

Quantitation Report (Qedit)

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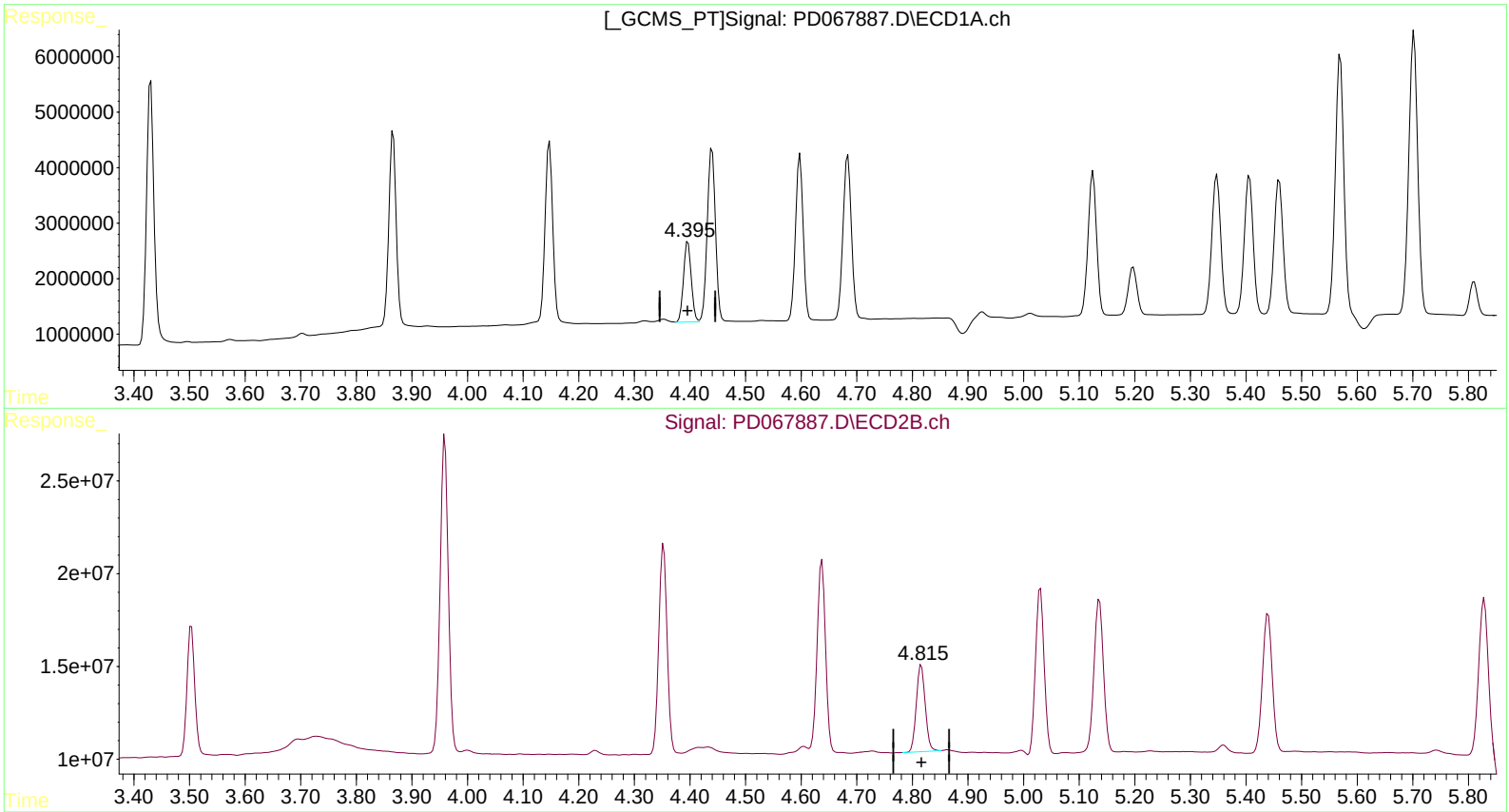

QEdit

(6) beta-BHC (B)

4.396min 10.537 ng/ml

response 14029280

(6) beta-BHC #2 (B)

4.816min 11.567 ng/ml

response 52080201

(+) = Expected Retention Time

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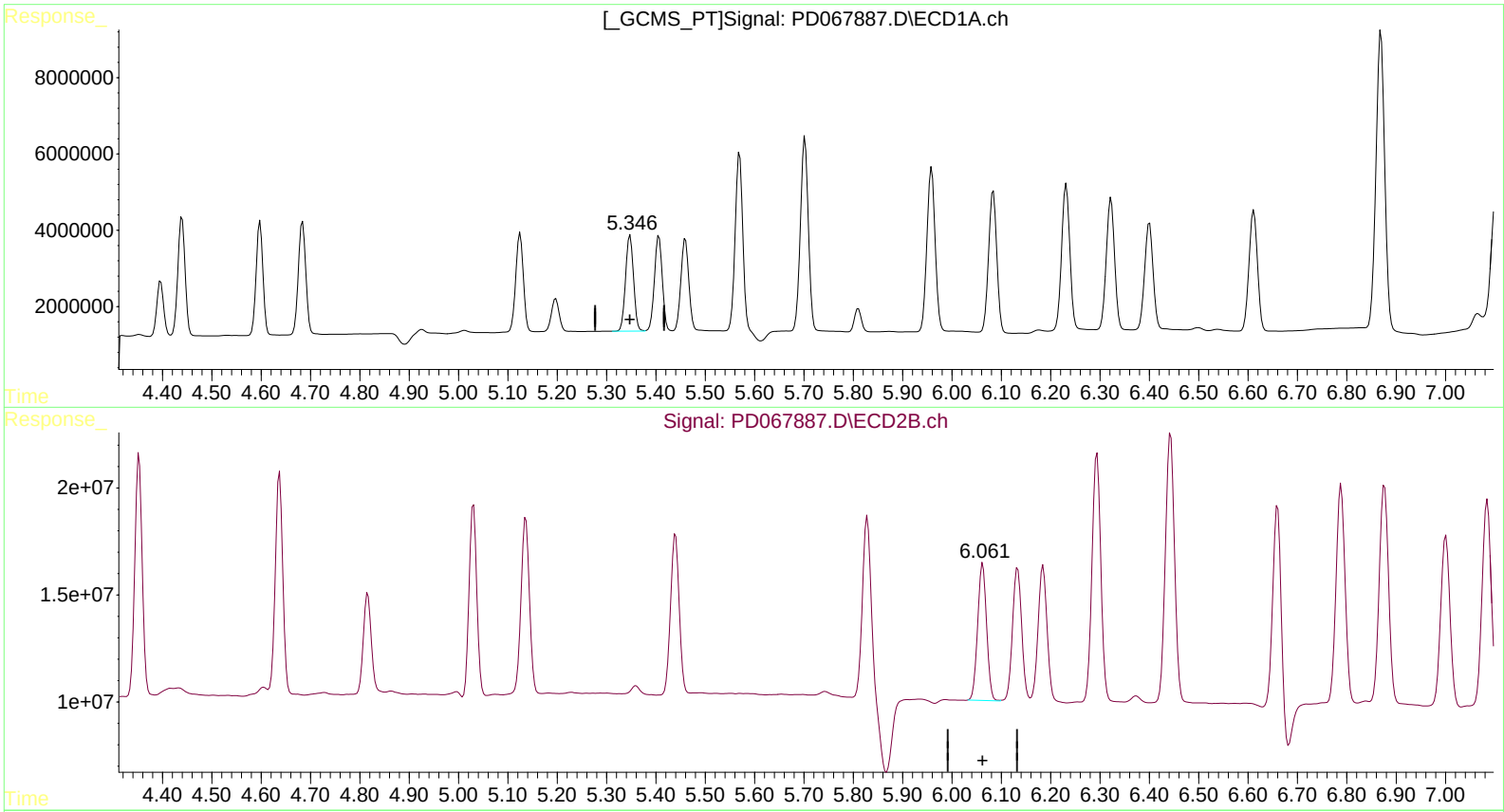

QEdit

(10) trans-Chlordane (B)

5.348min 10.387 ng/ml

response 28260694

(10) trans-Chlordane #2 (B)

6.062min 11.094 ng/ml

response 80848608

(+) = Expected Retention Time

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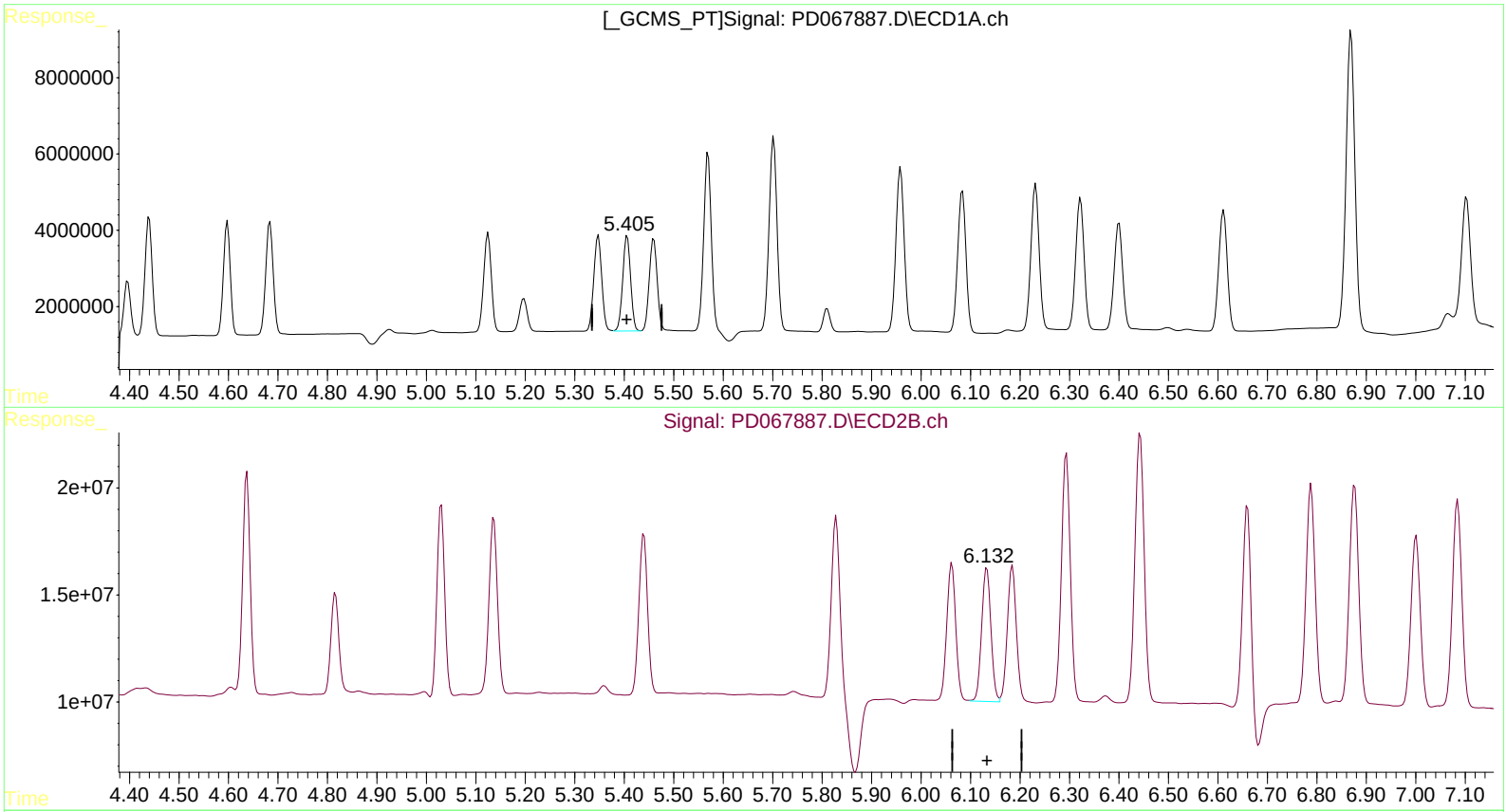

QEdit

(11) cis-Chlordane (B)

5.406min 10.261 ng/ml

response 27631628

(11) cis-Chlordane #2 (B)

6.133min 11.133 ng/ml

response 81430491

(+) = Expected Retention Time