

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082423\
 Data File : PQ063192.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Aug 2023 10:58
 Operator : YP\AJ
 Sample : PB155044BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 PB155044BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 13:39:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 11 13:27:22 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.453	2.782	113.3E6	91205065	21.084	22.114
2) SA Decachlor...	8.686	7.589	99411491	119.3E6	25.676	27.587
Target Compounds						
3) L1 AR-1016-1	4.566	3.794	92713846	78353749	476.497	491.659
4) L1 AR-1016-2	4.585	3.810	132.7E6	107.2E6	478.301	501.562
5) L1 AR-1016-3	4.644	3.971	81670869	61441681	477.597	513.912
6) L1 AR-1016-4	4.736	4.020	69031006	50508123	490.523	520.561
7) L1 AR-1016-5	5.026	4.217	67403763	64107278	489.876	509.436
31) L7 AR-1260-1	6.136	5.219	130.6E6	134.1E6	510.972m	537.484
32) L7 AR-1260-2	6.398	5.409	160.8E6	165.8E6	529.713	538.339
33) L7 AR-1260-3	6.753	5.552	99263574	159.0E6	470.884	513.008
34) L7 AR-1260-4	6.971	6.017	120.0E6	119.5E6	500.666	487.442
35) L7 AR-1260-5	7.285	6.264	232.0E6	275.4E6	494.433	503.910

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

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Manual Integrations

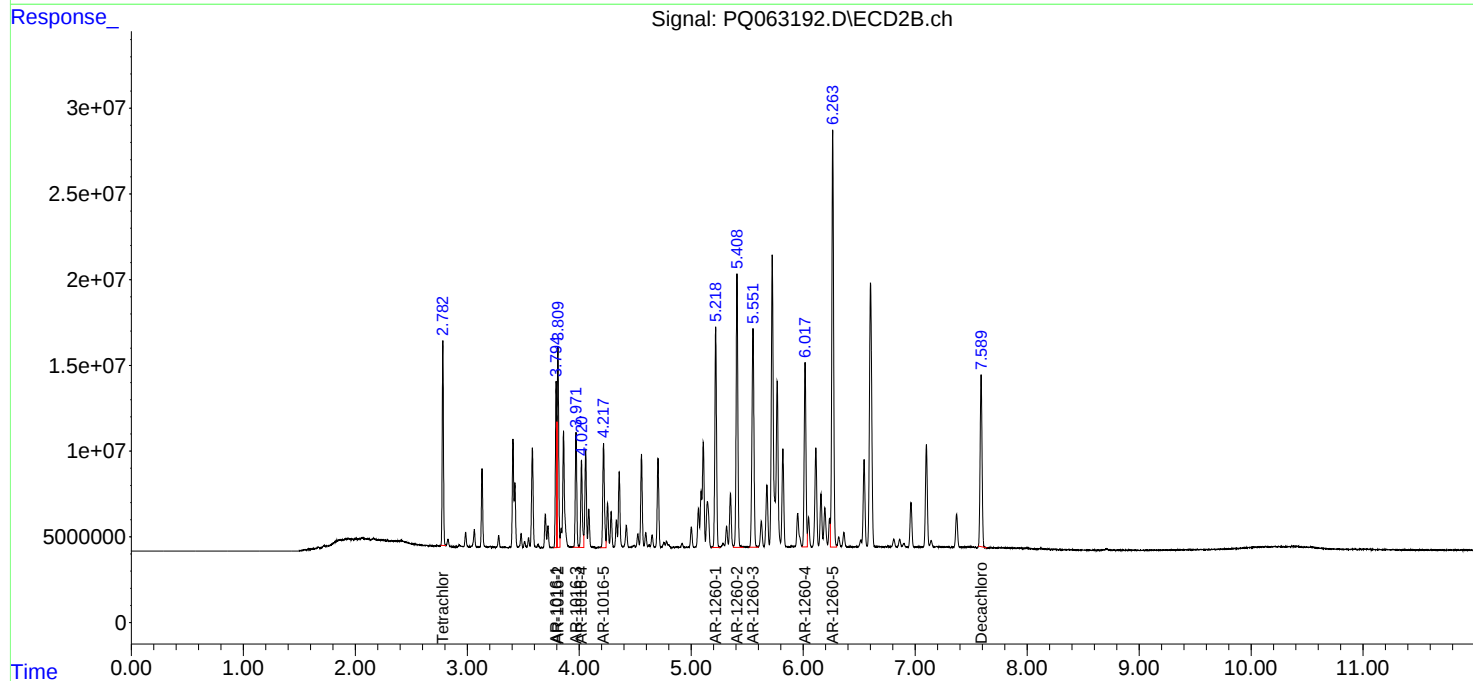
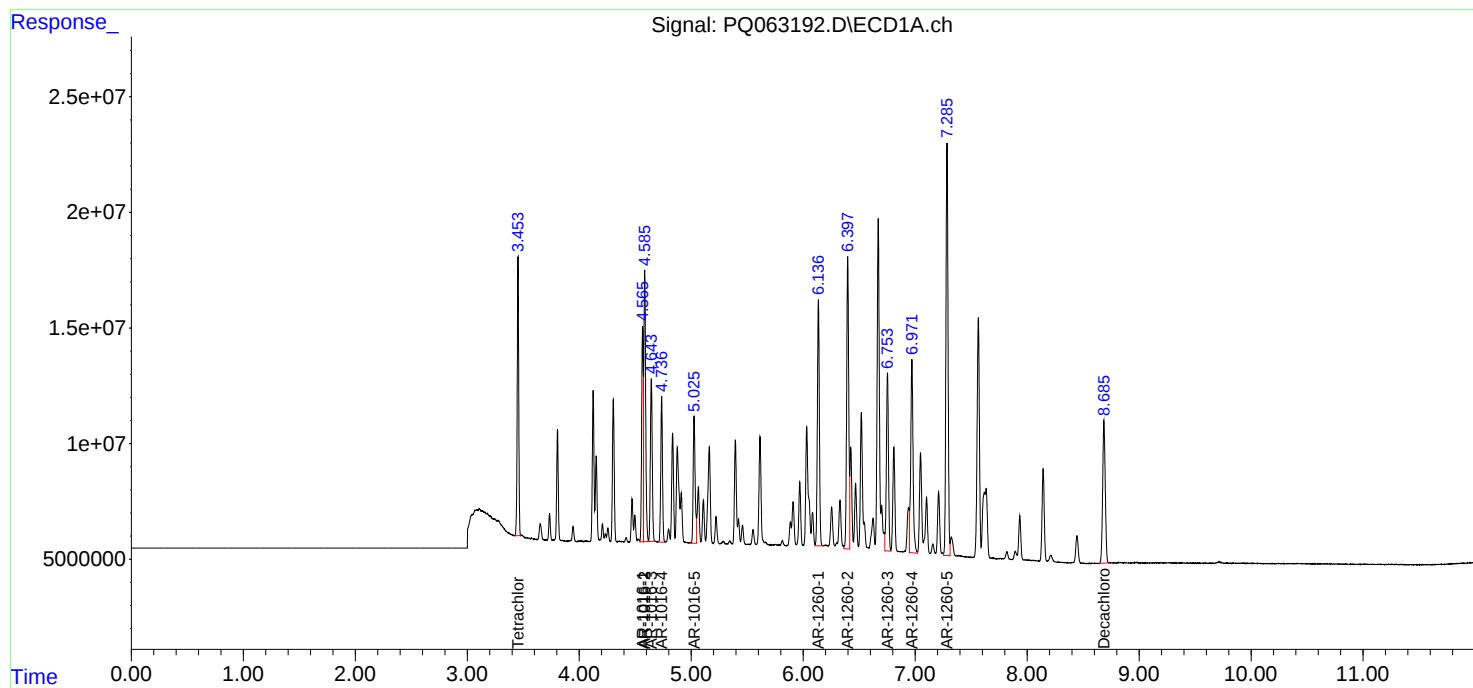
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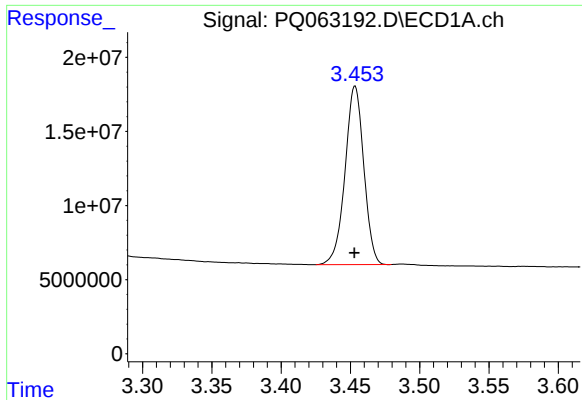
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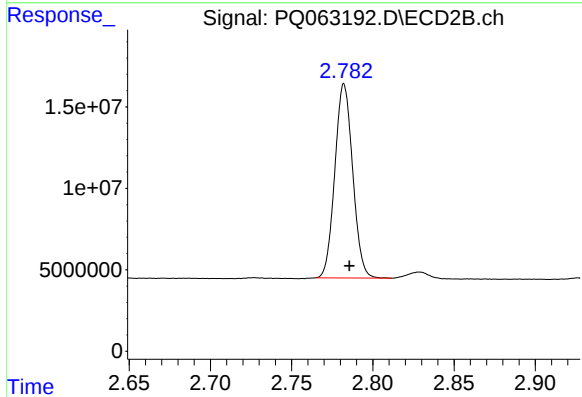
#1 Tetrachloro-m-xylene

R.T.: 3.453 min
Delta R.T.: 0.000 min
Response: 113294021
Conc: 21.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB155044BS

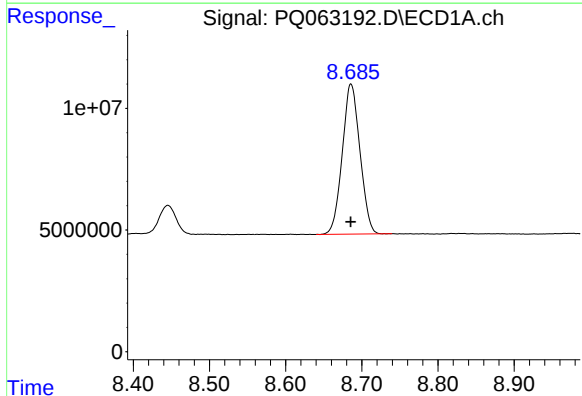
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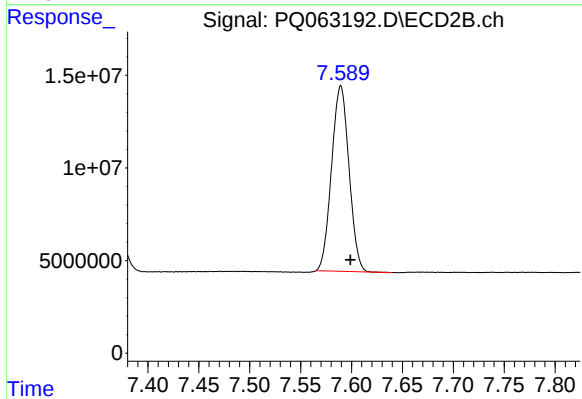
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: -0.003 min
Response: 91205065
Conc: 22.11 ng/ml



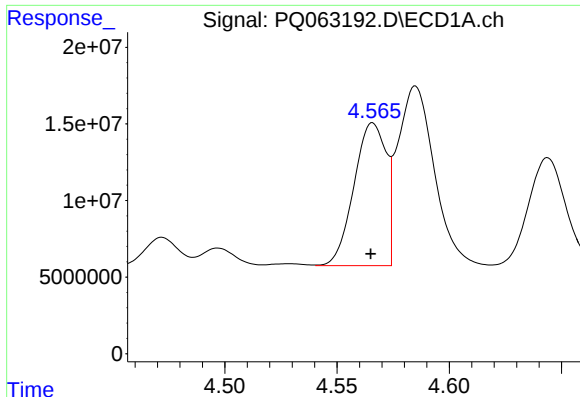
#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 99411491
Conc: 25.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.589 min
Delta R.T.: -0.010 min
Response: 119325650
Conc: 27.59 ng/ml



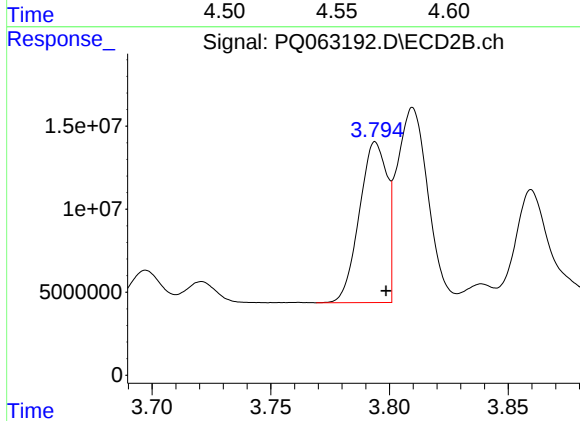
#3 AR-1016-1

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 92713846
Conc: 476.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB155044BS

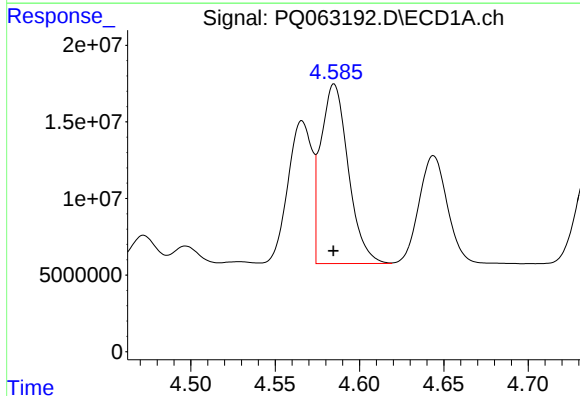
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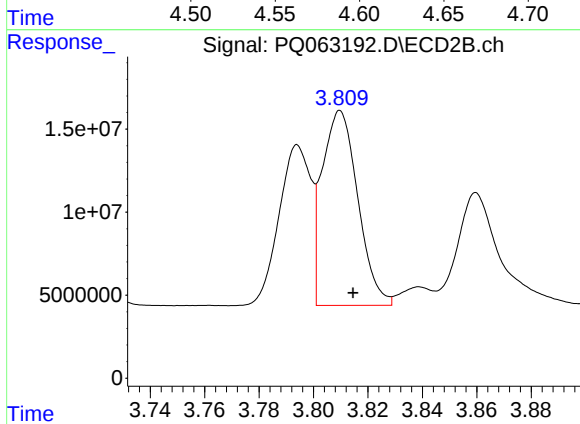
#3 AR-1016-1

R.T.: 3.794 min
Delta R.T.: -0.004 min
Response: 78353749
Conc: 491.66 ng/ml



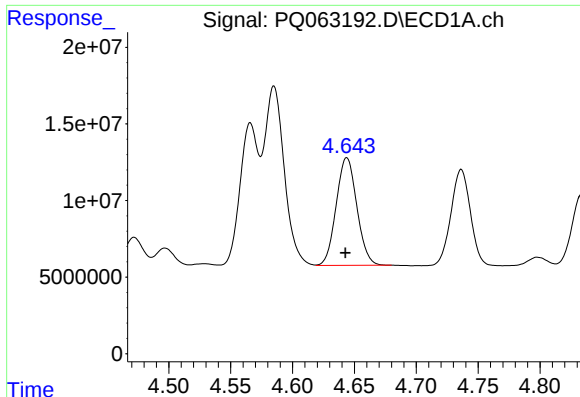
#4 AR-1016-2

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 132717202
Conc: 478.30 ng/ml



#4 AR-1016-2

R.T.: 3.810 min
Delta R.T.: -0.005 min
Response: 107170195
Conc: 501.56 ng/ml



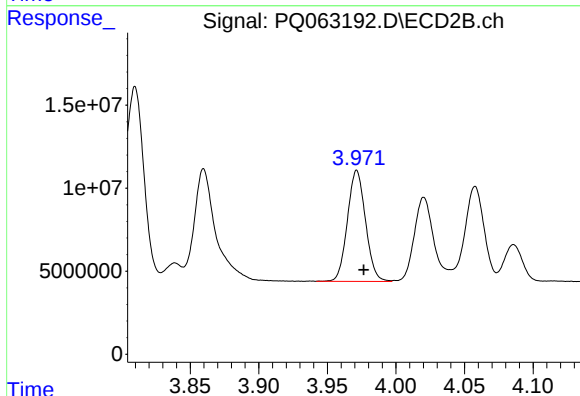
#5 AR-1016-3

R.T.: 4.644 min
Delta R.T.: 0.001 min
Response: 81670869
Conc: 477.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB155044BS

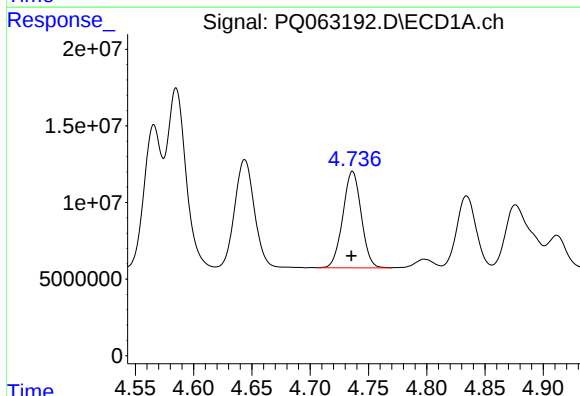
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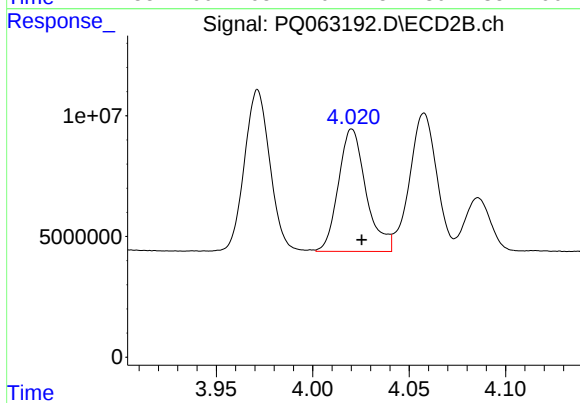
#5 AR-1016-3

R.T.: 3.971 min
Delta R.T.: -0.005 min
Response: 61441681
Conc: 513.91 ng/ml



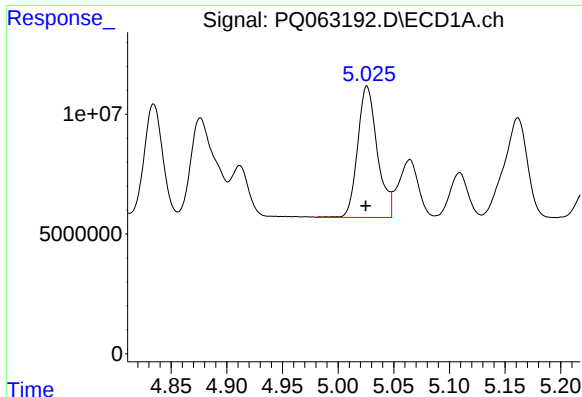
#6 AR-1016-4

R.T.: 4.736 min
Delta R.T.: 0.001 min
Response: 69031006
Conc: 490.52 ng/ml



#6 AR-1016-4

R.T.: 4.020 min
Delta R.T.: -0.005 min
Response: 50508123
Conc: 520.56 ng/ml



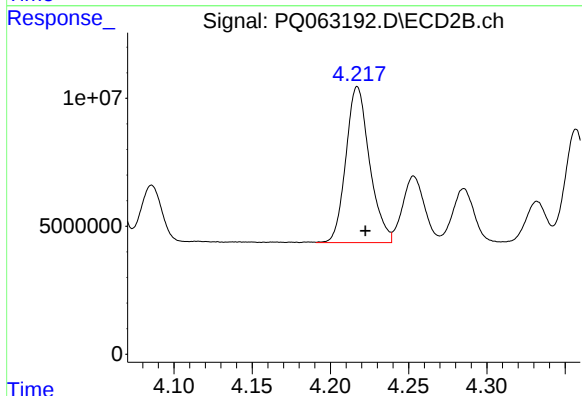
#7 AR-1016-5

R.T.: 5.026 min
Delta R.T.: 0.001 min
Response: 67403763
Conc: 489.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB155044BS

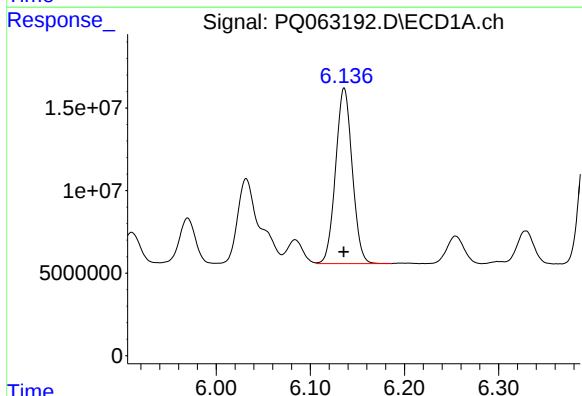
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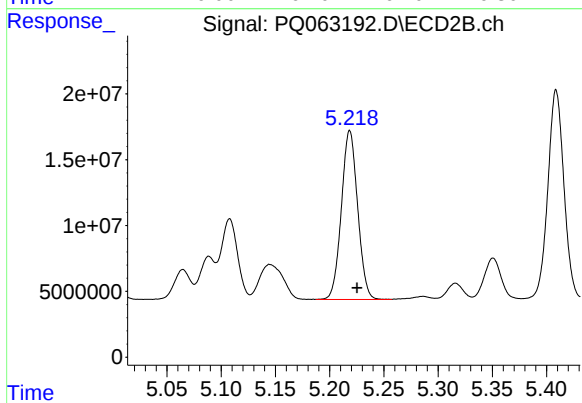
#7 AR-1016-5

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 64107278
Conc: 509.44 ng/ml



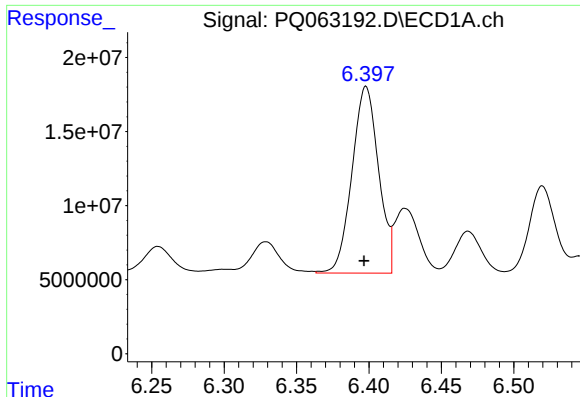
#31 AR-1260-1

R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 130623500
Conc: 510.97 ng/ml m



#31 AR-1260-1

R.T.: 5.219 min
Delta R.T.: -0.007 min
Response: 134143970
Conc: 537.48 ng/ml



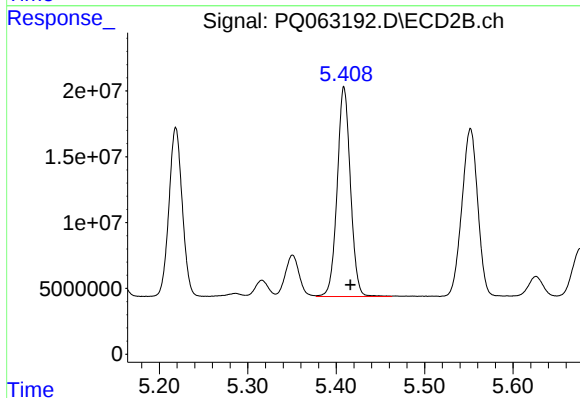
#32 AR-1260-2

R.T.: 6.398 min
Delta R.T.: 0.001 min
Response: 160774232
Conc: 529.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB155044BS

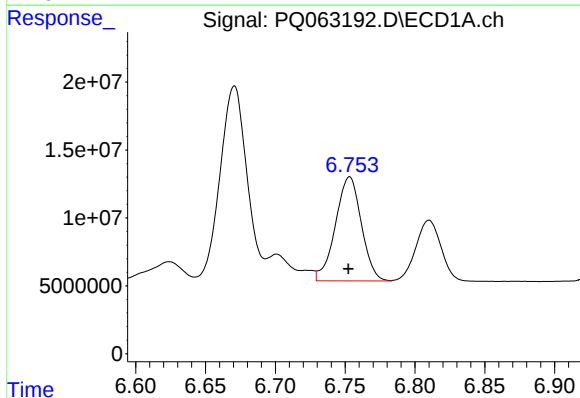
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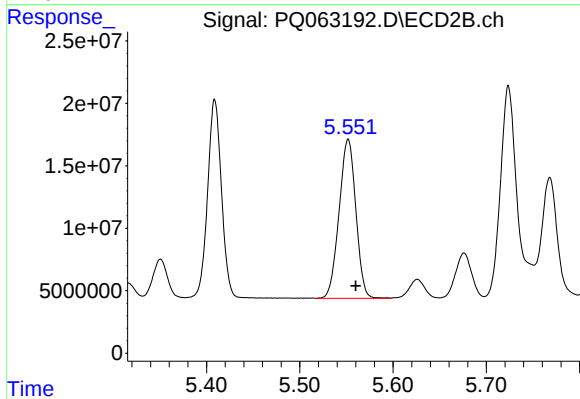
#32 AR-1260-2

R.T.: 5.409 min
Delta R.T.: -0.007 min
Response: 165795385
Conc: 538.34 ng/ml



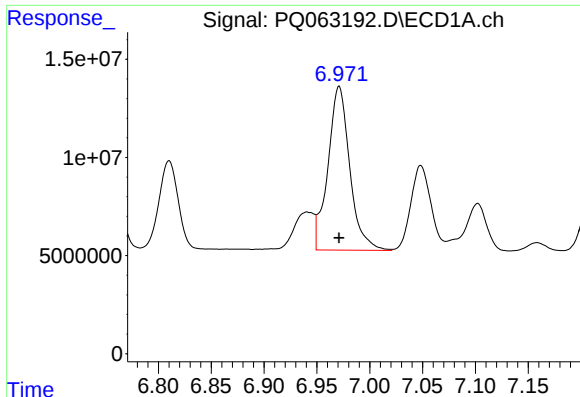
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 99263574
Conc: 470.88 ng/ml



#33 AR-1260-3

R.T.: 5.552 min
Delta R.T.: -0.008 min
Response: 158965808
Conc: 513.01 ng/ml



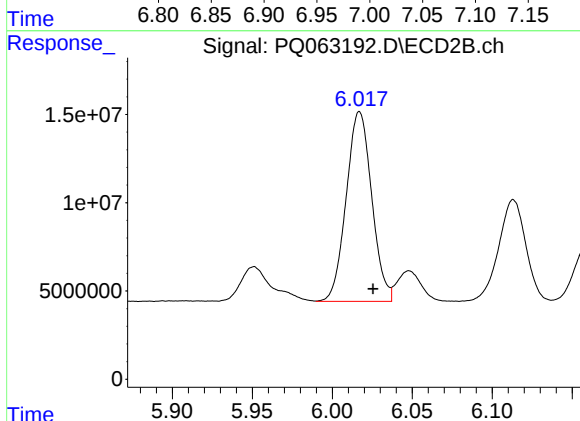
#34 AR-1260-4

R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 119987314
Conc: 500.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB155044BS

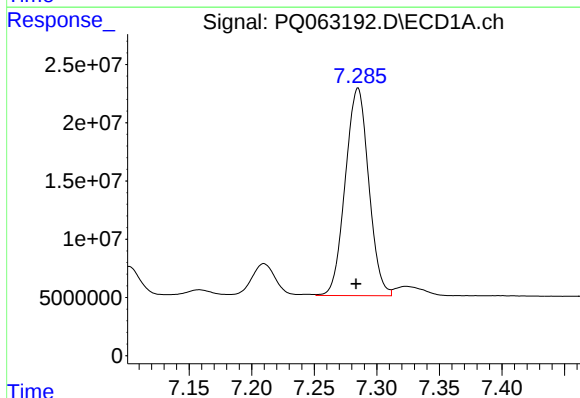
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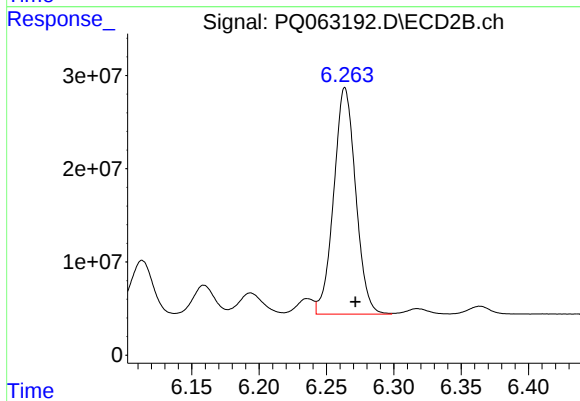
#34 AR-1260-4

R.T.: 6.017 min
Delta R.T.: -0.008 min
Response: 119527694
Conc: 487.44 ng/ml



#35 AR-1260-5

R.T.: 7.285 min
Delta R.T.: 0.002 min
Response: 231964822
Conc: 494.43 ng/ml



#35 AR-1260-5

R.T.: 6.264 min
Delta R.T.: -0.008 min
Response: 275397884
Conc: 503.91 ng/ml