

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP051425\
 Data File : PP072045.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2025 15:34
 Operator : YP\AJ
 Sample : Q2019-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 MH-KMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/15/2025
 Supervised By :mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 02:27:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 23 05:02:06 2025
 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...	4.506	3.800	44280277	33923421	22.334	24.082m
2) SA Decachlor...	10.213	8.824	33825968	22630232	23.360	25.803m
Target Compounds						
3) L1 AR-1016-1	5.680	4.902	52910048	33066449	789.115	617.677
4) L1 AR-1016-2	5.680	4.902	52910048	33066449	515.550	433.013
5) L1 AR-1016-3	5.742	5.079	31729495	20890623	514.696	494.916
6) L1 AR-1016-4	5.840	5.121	26427333	17373428	515.171	503.783
7) L1 AR-1016-5	6.133	5.335	23449459	23510464	486.116	528.952
31) L7 AR-1260-1	7.251	6.368	49182678	41943313	512.188	580.135
32) L7 AR-1260-2	7.504	6.557	72886659	49482978	509.421	565.769
33) L7 AR-1260-3	7.863	6.709	50414610	44792751	449.713	571.427 #
34) L7 AR-1260-4	8.085	7.179	51351565	31341034	454.983m	496.605m
35) L7 AR-1260-5	8.406	7.421	108.0E6	74490881	476.535	494.046

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

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2025 15:34
Operator : YP\AJ
Sample : Q2019-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

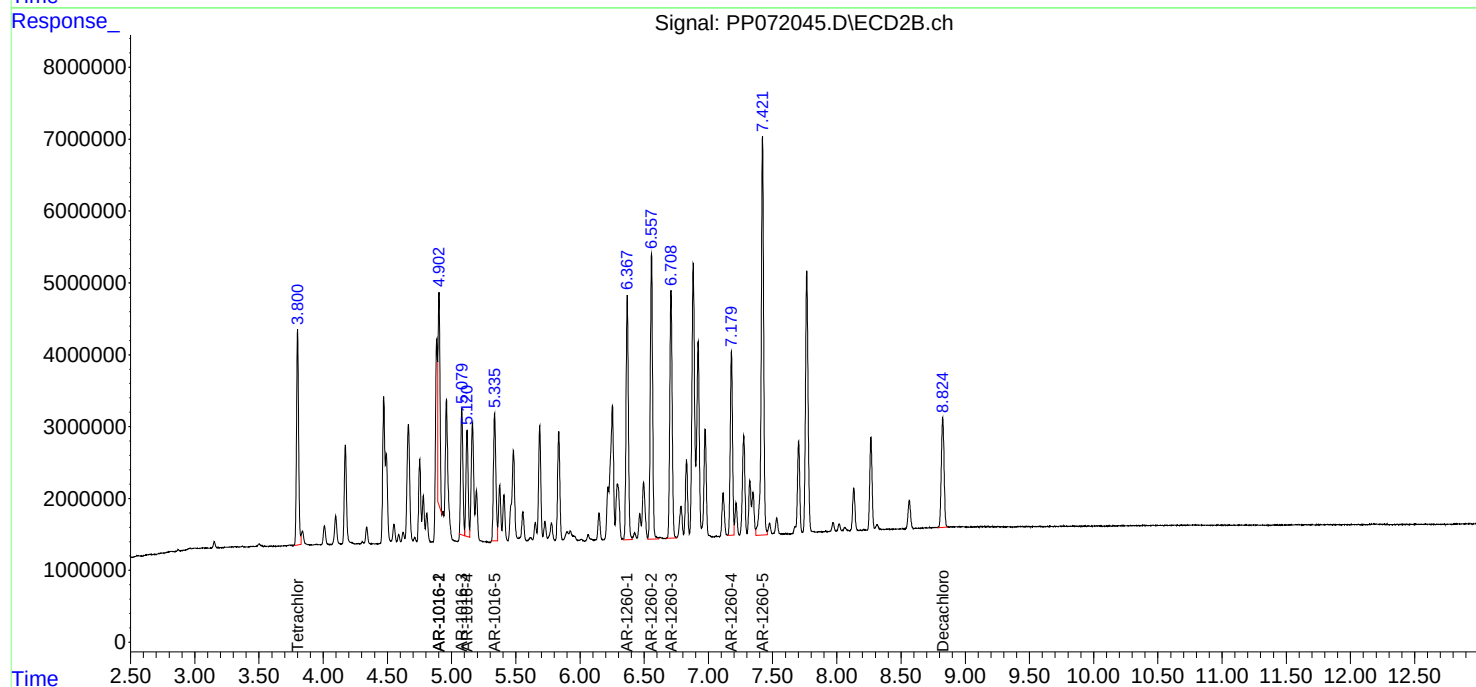
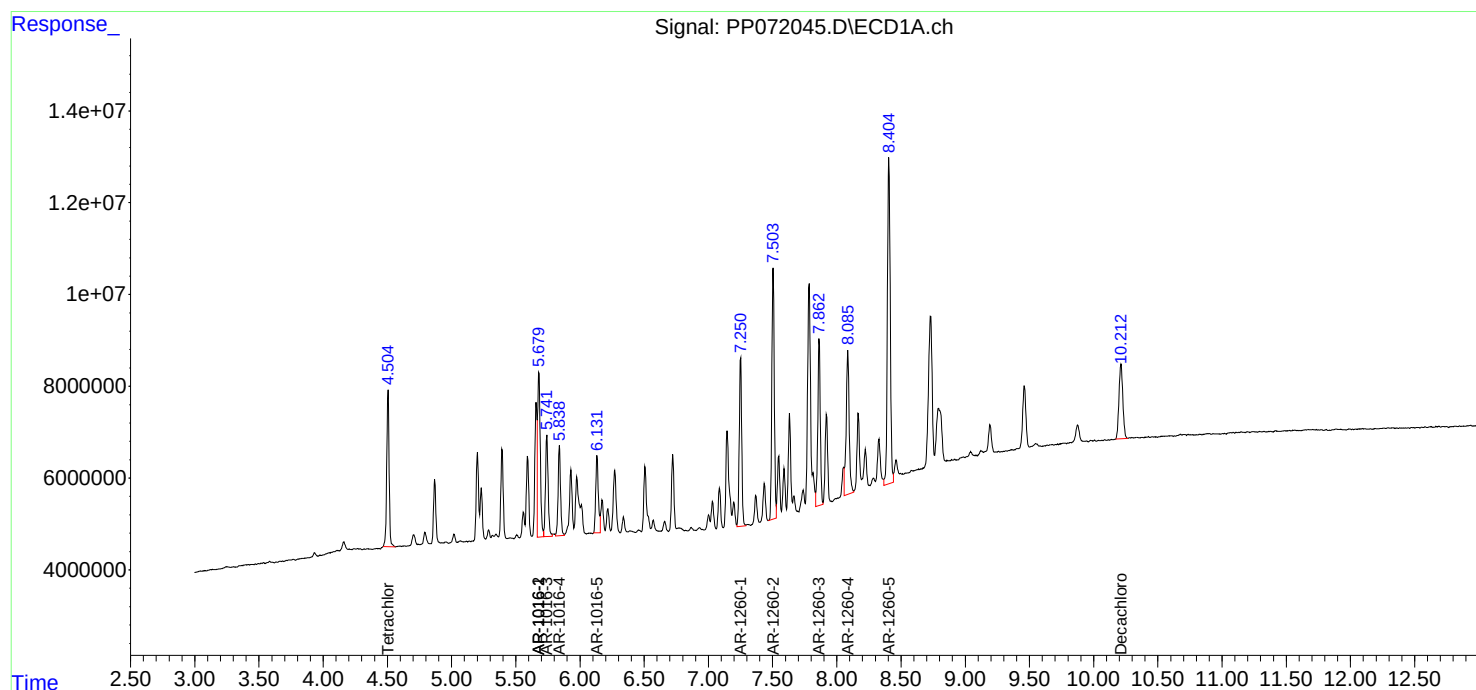
Instrument :
ECD_P
ClientSampleId :
MH-KMS

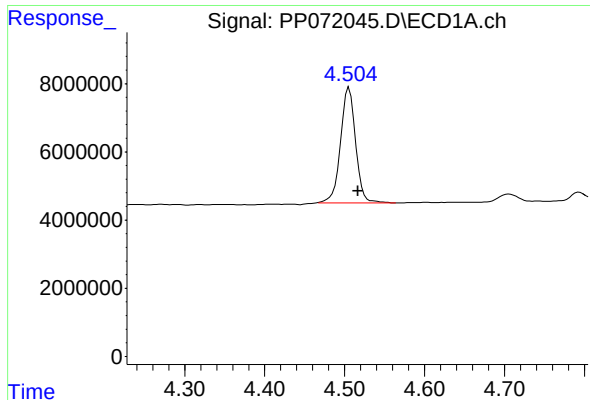
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Integration File signal 1: autoint1.e
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Quant Title : GC EXTRACTABLES
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





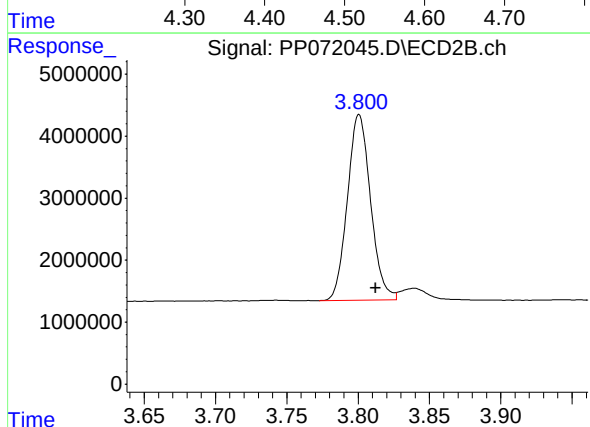
#1 Tetrachloro-m-xylene

R.T.: 4.506 min
Delta R.T.: -0.011 min
Response: 44280277
Conc: 22.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
MH-KMS

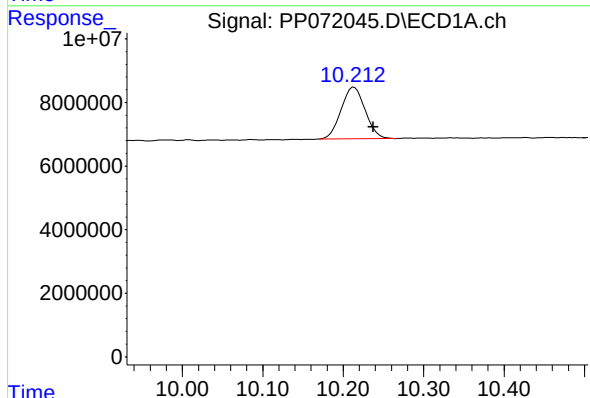
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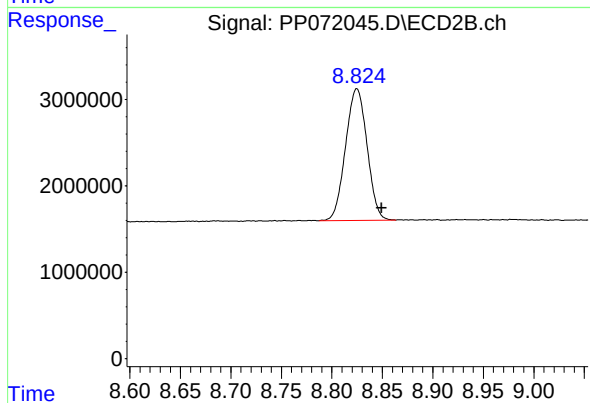
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: -0.012 min
Response: 33923421
Conc: 24.08 ng/ml



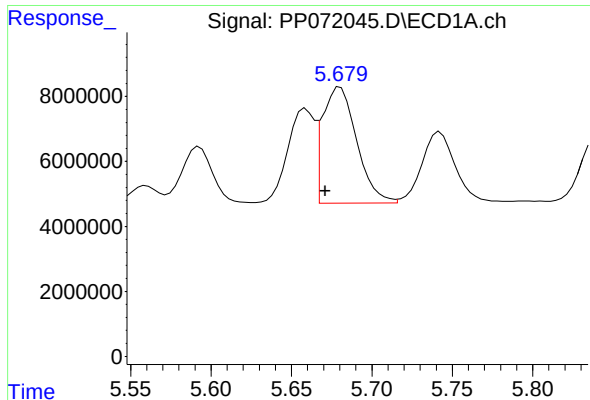
#2 Decachlorobiphenyl

R.T.: 10.213 min
Delta R.T.: -0.024 min
Response: 33825968
Conc: 23.36 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: -0.025 min
Response: 22630232
Conc: 25.80 ng/ml



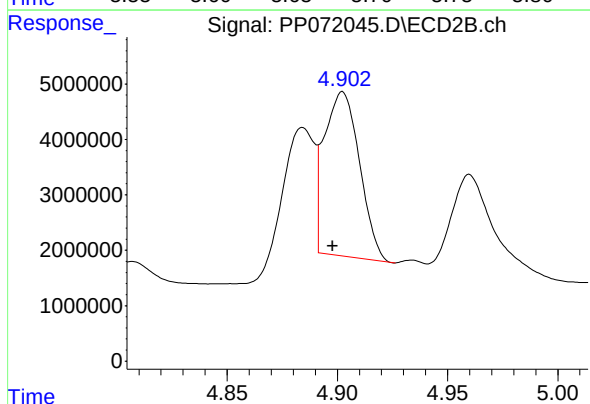
#3 AR-1016-1

R.T.: 5.680 min
Delta R.T.: 0.009 min
Response: 52910048
Conc: 789.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
MH-KMS

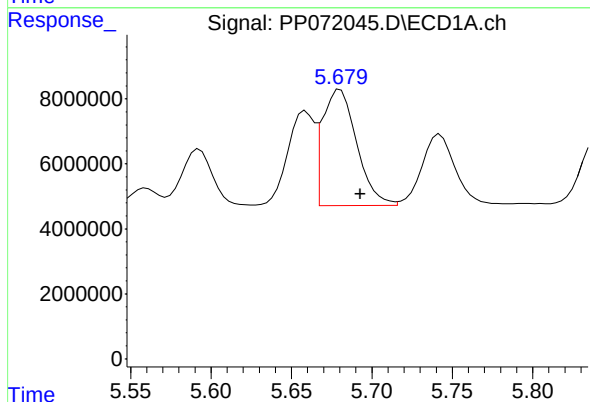
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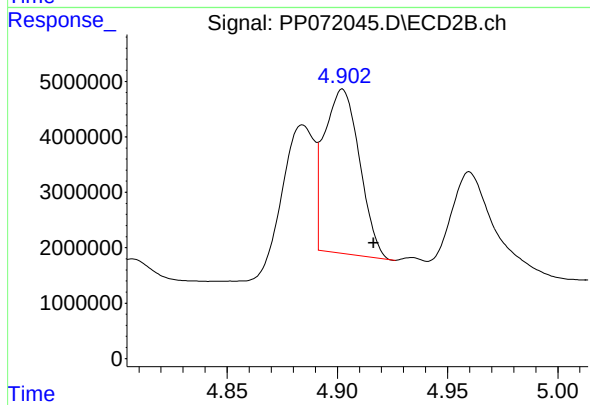
#3 AR-1016-1

R.T.: 4.902 min
Delta R.T.: 0.005 min
Response: 33066449
Conc: 617.68 ng/ml



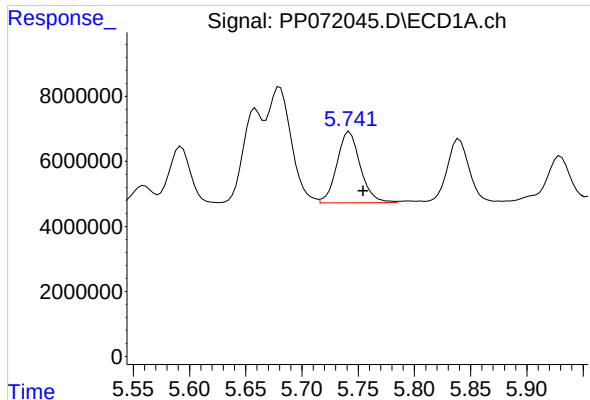
#4 AR-1016-2

R.T.: 5.680 min
Delta R.T.: -0.013 min
Response: 52910048
Conc: 515.55 ng/ml



#4 AR-1016-2

R.T.: 4.902 min
Delta R.T.: -0.014 min
Response: 33066449
Conc: 433.01 ng/ml



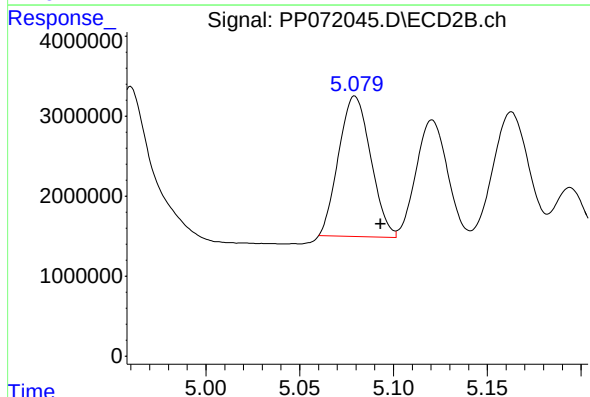
#5 AR-1016-3

R.T.: 5.742 min
Delta R.T.: -0.012 min
Response: 31729495
Conc: 514.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
MH-KMS

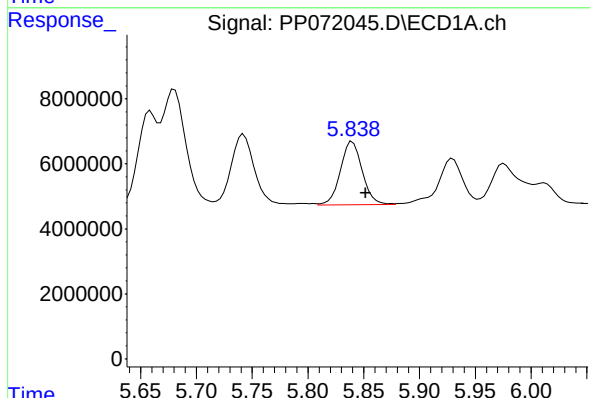
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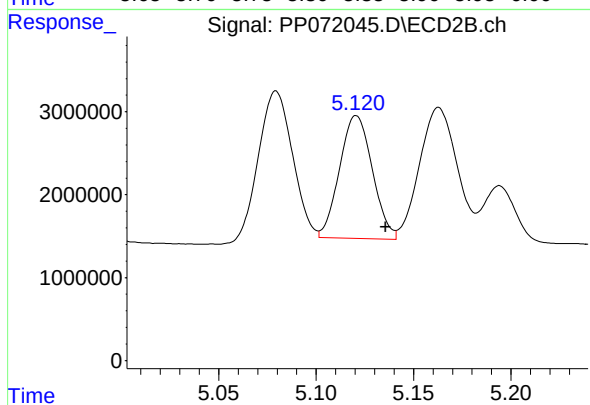
#5 AR-1016-3

R.T.: 5.079 min
Delta R.T.: -0.014 min
Response: 20890623
Conc: 494.92 ng/ml



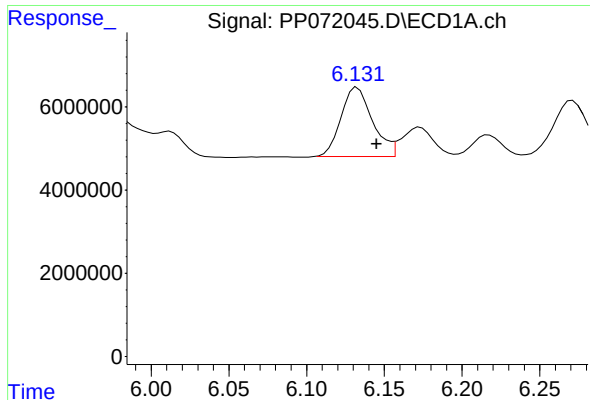
#6 AR-1016-4

R.T.: 5.840 min
Delta R.T.: -0.012 min
Response: 26427333
Conc: 515.17 ng/ml



#6 AR-1016-4

R.T.: 5.121 min
Delta R.T.: -0.015 min
Response: 17373428
Conc: 503.78 ng/ml



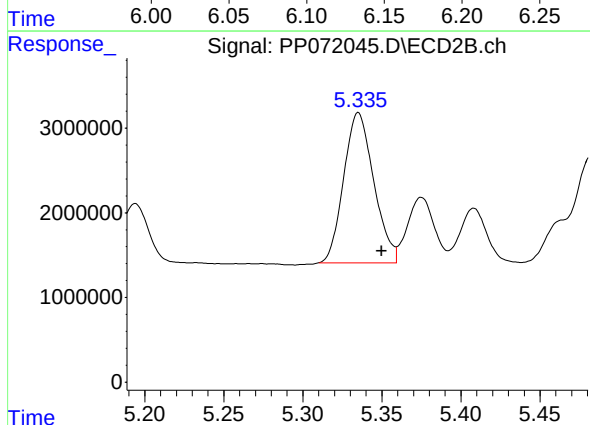
#7 AR-1016-5

R.T.: 6.133 min
Delta R.T.: -0.012 min
Response: 23449459
Conc: 486.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
MH-KMS

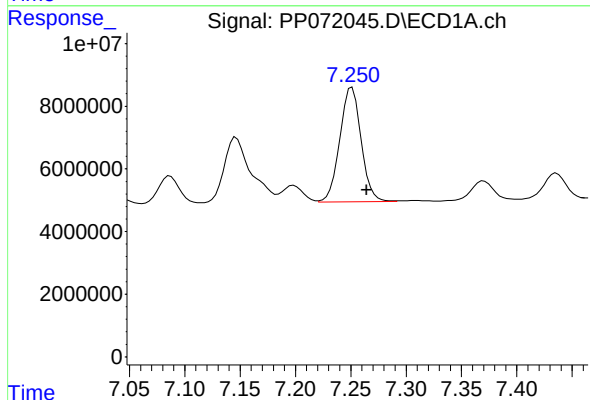
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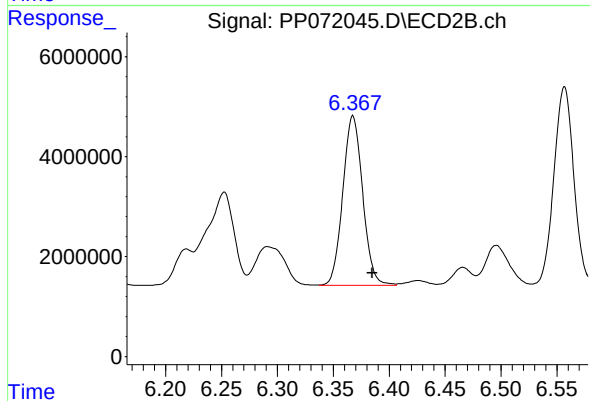
#7 AR-1016-5

R.T.: 5.335 min
Delta R.T.: -0.015 min
Response: 23510464
Conc: 528.95 ng/ml



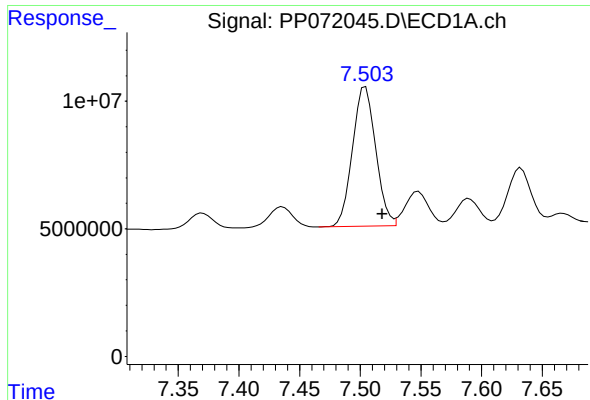
#31 AR-1260-1

R.T.: 7.251 min
Delta R.T.: -0.013 min
Response: 49182678
Conc: 512.19 ng/ml



#31 AR-1260-1

R.T.: 6.368 min
Delta R.T.: -0.017 min
Response: 41943313
Conc: 580.13 ng/ml



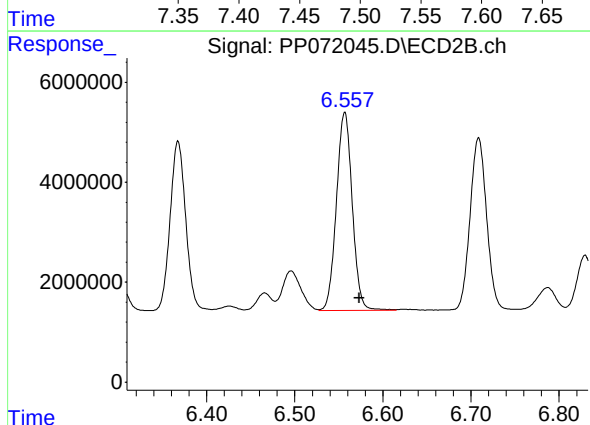
#32 AR-1260-2

R.T.: 7.504 min
Delta R.T.: -0.014 min
Response: 72886659
Conc: 509.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
MH-KMS

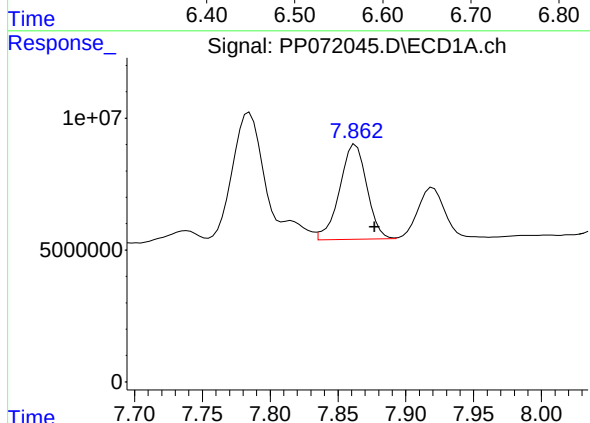
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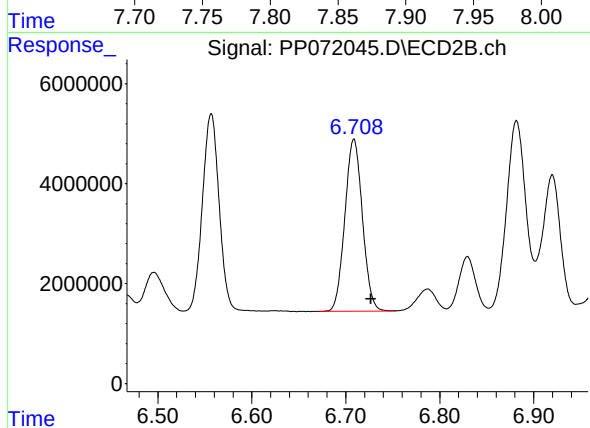
#32 AR-1260-2

R.T.: 6.557 min
Delta R.T.: -0.017 min
Response: 49482978
Conc: 565.77 ng/ml



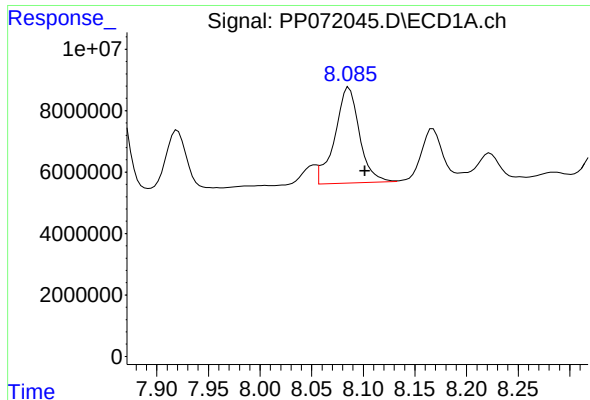
#33 AR-1260-3

R.T.: 7.863 min
Delta R.T.: -0.014 min
Response: 50414610
Conc: 449.71 ng/ml



#33 AR-1260-3

R.T.: 6.709 min
Delta R.T.: -0.018 min
Response: 44792751
Conc: 571.43 ng/ml



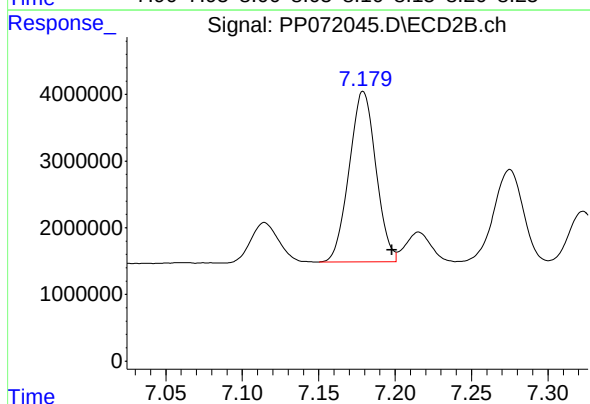
#34 AR-1260-4

R.T.: 8.085 min
Delta R.T.: -0.017 min
Response: 51351565
Conc: 454.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
MH-KMS

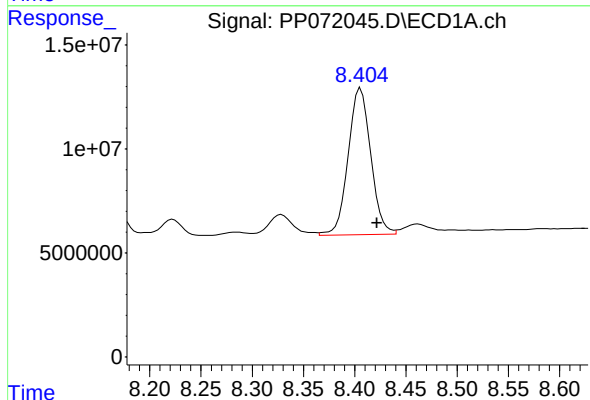
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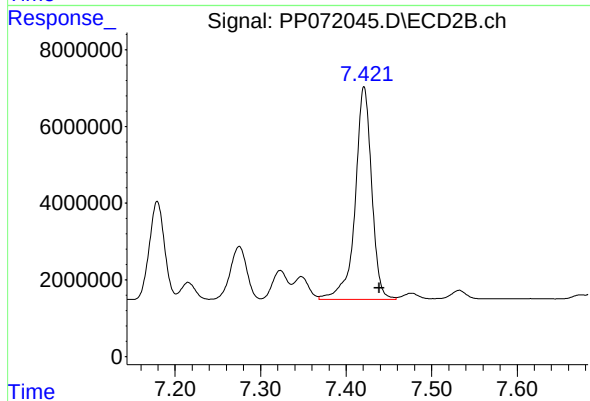
#34 AR-1260-4

R.T.: 7.179 min
Delta R.T.: -0.019 min
Response: 31341034
Conc: 496.60 ng/ml



#35 AR-1260-5

R.T.: 8.406 min
Delta R.T.: -0.016 min
Response: 107970030
Conc: 476.53 ng/ml



#35 AR-1260-5

R.T.: 7.421 min
Delta R.T.: -0.018 min
Response: 74490881
Conc: 494.05 ng/ml