

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062325\
 Data File : PP073171.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2025 14:18
 Operator : YP\AJ
 Sample : Q2380-05MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 RBR-200059MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2025
 Supervised By :mohammad ahmed 06/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 23 14:36:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 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...	4.495	3.790	33213017	27666489	15.735	15.355
2) SA Decachlor...	10.185	8.796	27437301	21426577	16.056	16.053
Target Compounds						
3) L1 AR-1016-1	5.648	4.869	33472636	26912245	460.602	391.635m
4) L1 AR-1016-2	5.668	4.886	87038603	77522284	836.743	770.304m
5) L1 AR-1016-3	5.731	5.064	31746407	43458223	485.802	794.248 #
6) L1 AR-1016-4	5.827	5.105	47156166	46983931	901.978	1054.643
7) L1 AR-1016-5	6.119	5.319	67419825	69805269	1348.259	1262.706
21) L5 AR-1248-1	5.648	4.869	33472636	31407255	703.673	720.509m
22) L5 AR-1248-2	5.917	5.105	48460904	46983931	827.670	801.834
23) L5 AR-1248-3	6.119	5.147	67419825	55932225	1033.265	923.825
24) L5 AR-1248-4	6.518	5.319	68429262	69805269	804.440	996.898
25) L5 AR-1248-5	6.556	5.710	99215323	84980686	1185.465	1196.374
26) L6 AR-1254-1	6.491	5.669	78297756	98766757	930.191	900.745
27) L6 AR-1254-2	6.711	5.817	110.1E6	52596716	878.073	556.306 #
28) L6 AR-1254-3	7.073	6.219	70662248	97043820	538.539	657.714
29) L6 AR-1254-4	7.354	6.447	70687450	50454828	590.124	519.612
30) L6 AR-1254-5	7.769	6.863	105.5E6	90118351	923.511	693.417
31) L7 AR-1260-1	7.236	6.349	54903051	70893521	622.389	748.370
32) L7 AR-1260-2	7.489	6.537	85382454	67139962	628.349	576.624
33) L7 AR-1260-3	7.846	6.689	46831899	57602571	410.258	553.014 #
34) L7 AR-1260-4	8.069	7.159	66751159	34266094	647.783	390.548 #
35) L7 AR-1260-5	8.388	7.401	102.5E6	90472469	425.797	423.956

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062325\
Data File : PP073171.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2025 14:18
Operator : YP\AJ
Sample : Q2380-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

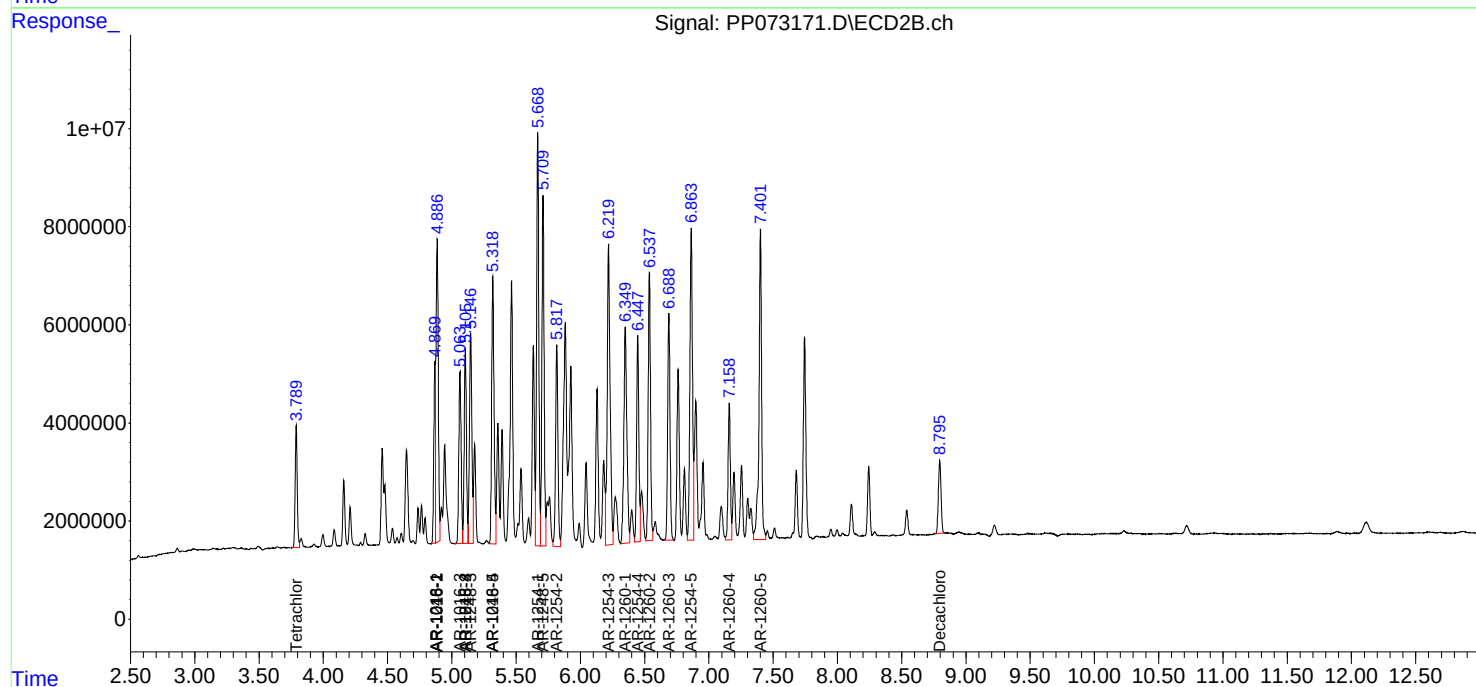
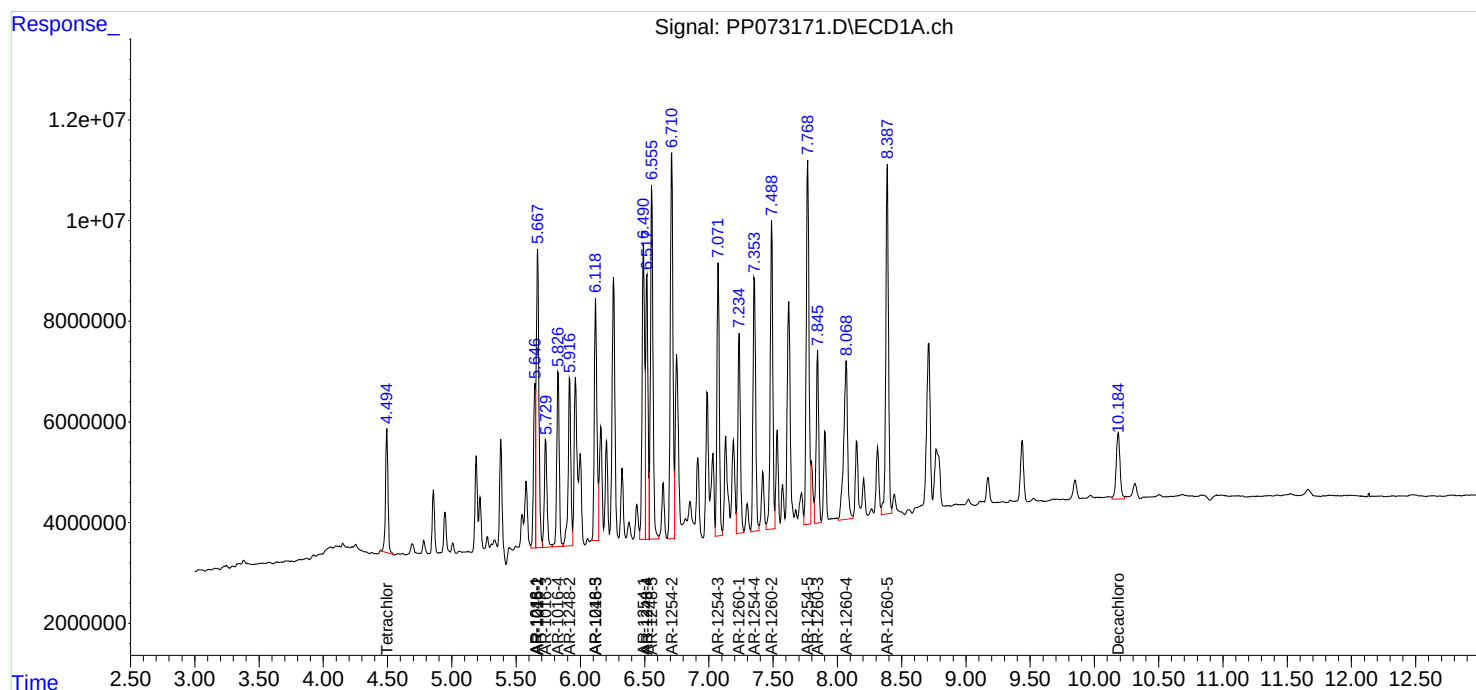
Instrument :
ECD_P
ClientSampleId :
RBR-200059MSD

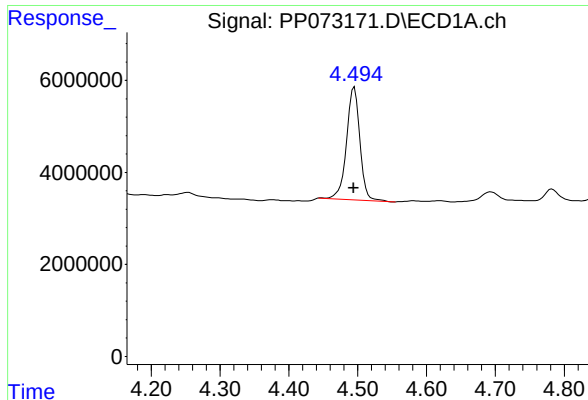
Manual Integrations
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Supervised By :mohammad ahmed 06/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 23 14:36:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 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





#1 Tetrachloro-m-xylene

R.T.: 4.495 min
Delta R.T.: 0.001 min
Response: 33213017
Conc: 15.73 ng/ml

Instrument :

ECD_P

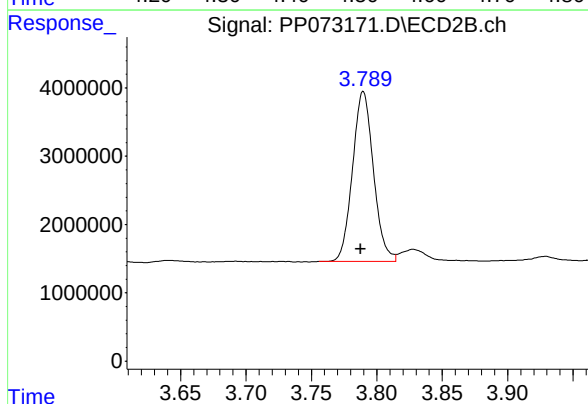
ClientSampleId :

RBR-200059MSD

Manual Integrations

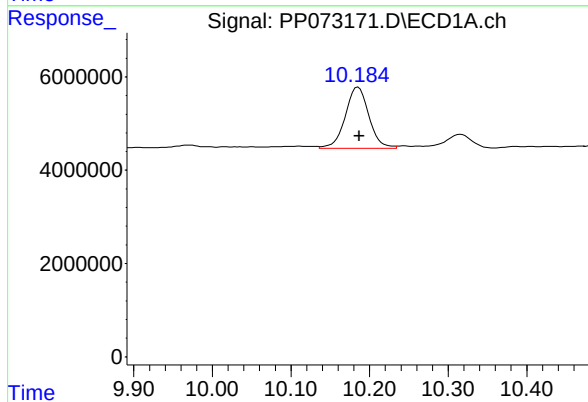
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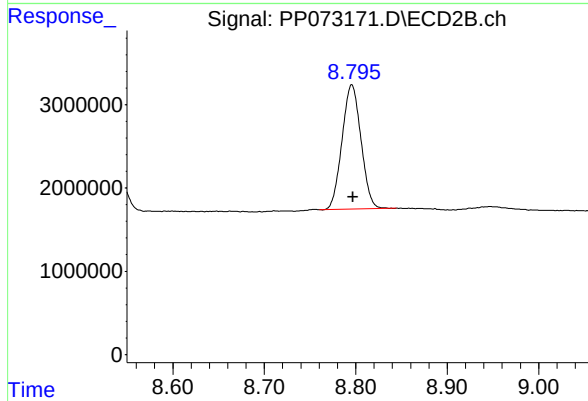
#1 Tetrachloro-m-xylene

R.T.: 3.790 min
Delta R.T.: 0.002 min
Response: 27666489
Conc: 15.35 ng/ml



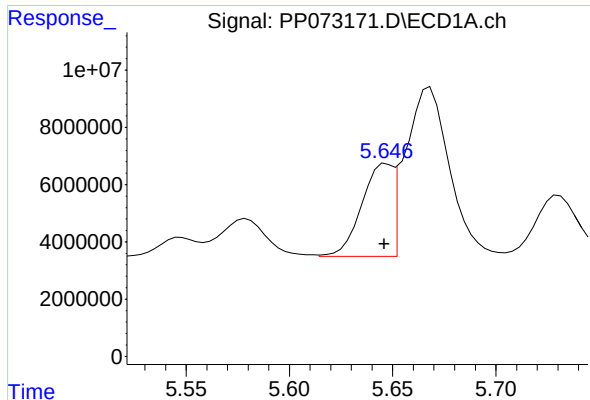
#2 Decachlorobiphenyl

R.T.: 10.185 min
Delta R.T.: -0.002 min
Response: 27437301
Conc: 16.06 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.796 min
Delta R.T.: -0.001 min
Response: 21426577
Conc: 16.05 ng/ml



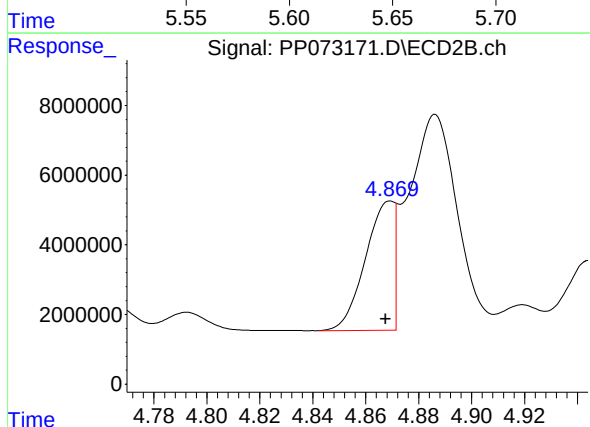
#3 AR-1016-1

R.T.: 5.648 min
Delta R.T.: 0.002 min
Response: 33472636
Conc: 460.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
RBR-200059MSD

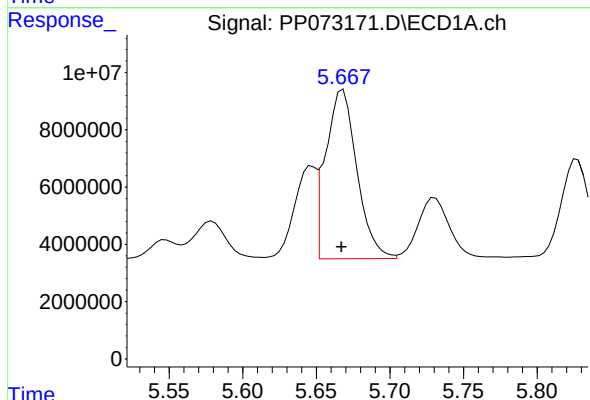
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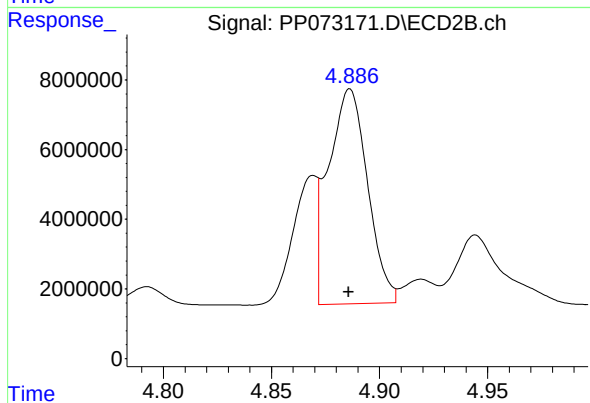
#3 AR-1016-1

R.T.: 4.869 min
Delta R.T.: 0.001 min
Response: 26912245
Conc: 391.63 ng/ml m



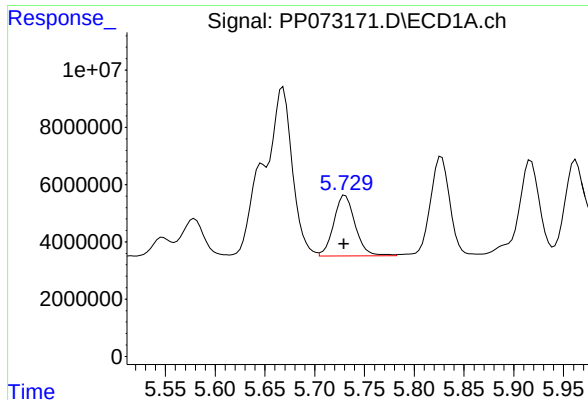
#4 AR-1016-2

R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 87038603
Conc: 836.74 ng/ml



#4 AR-1016-2

R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 77522284
Conc: 770.30 ng/ml m



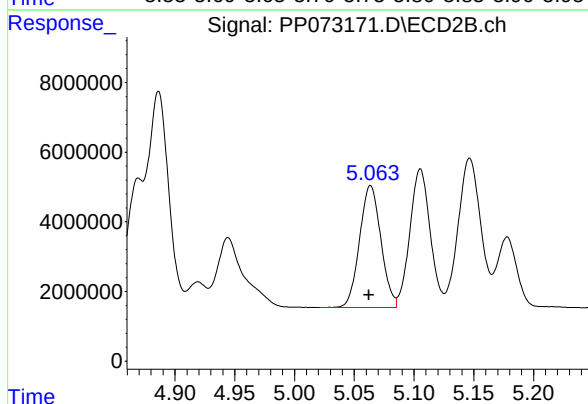
#5 AR-1016-3

R.T.: 5.731 min
Delta R.T.: 0.001 min
Response: 31746407
Conc: 485.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
RBR-200059MSD

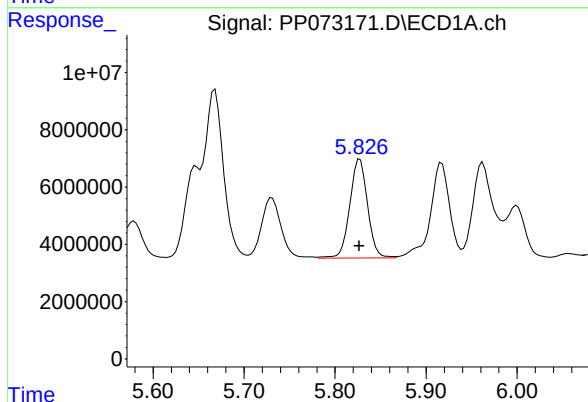
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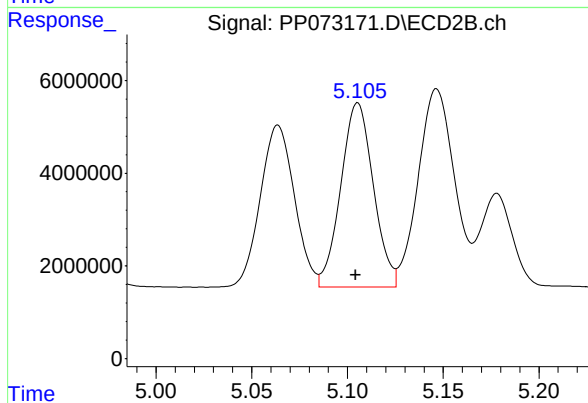
#5 AR-1016-3

R.T.: 5.064 min
Delta R.T.: 0.001 min
Response: 43458223
Conc: 794.25 ng/ml



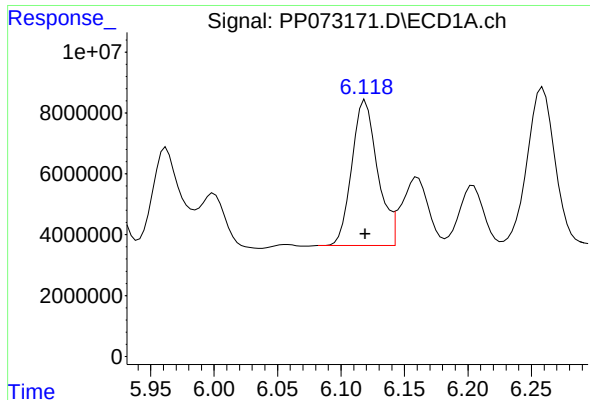
#6 AR-1016-4

R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 47156166
Conc: 901.98 ng/ml



#6 AR-1016-4

R.T.: 5.105 min
Delta R.T.: 0.001 min
Response: 46983931
Conc: 1054.64 ng/ml



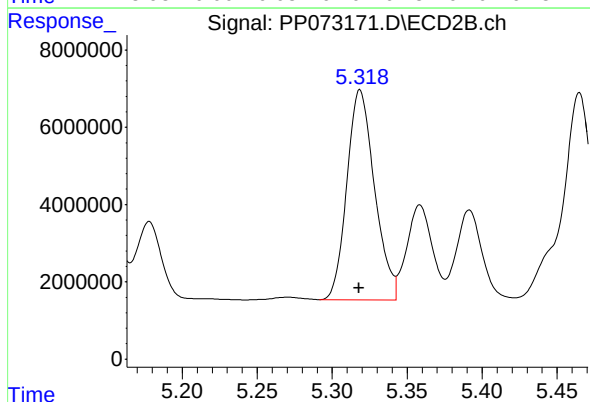
#7 AR-1016-5

R.T.: 6.119 min
Delta R.T.: 0.000 min
Response: 67419825
Conc: 1348.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
RBR-200059MSD

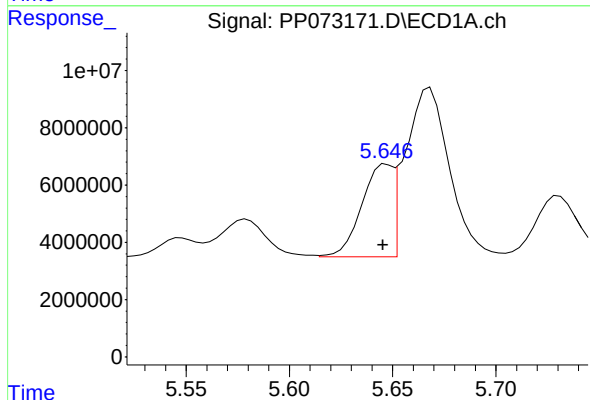
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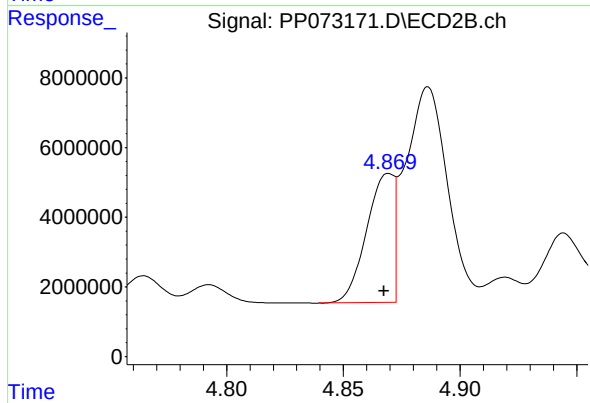
#7 AR-1016-5

R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 69805269
Conc: 1262.71 ng/ml



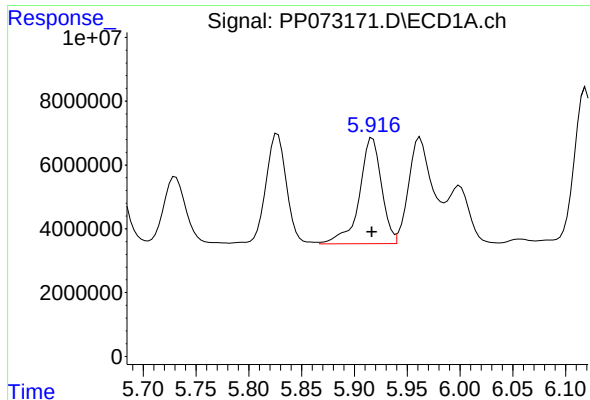
#21 AR-1248-1

R.T.: 5.648 min
Delta R.T.: 0.002 min
Response: 33472636
Conc: 703.67 ng/ml



#21 AR-1248-1

R.T.: 4.869 min
Delta R.T.: 0.001 min
Response: 31407255
Conc: 720.51 ng/ml m



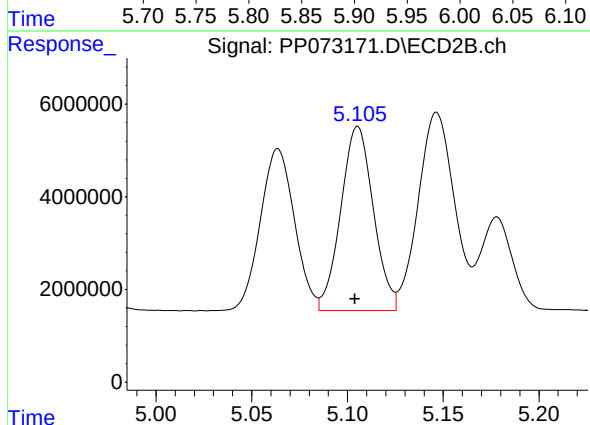
#22 AR-1248-2

R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 48460904
Conc: 827.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
RBR-200059MSD

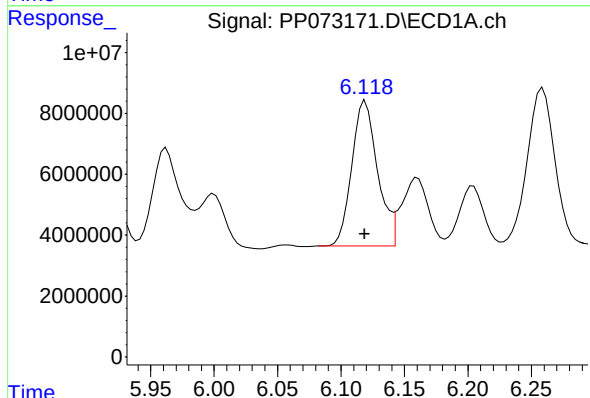
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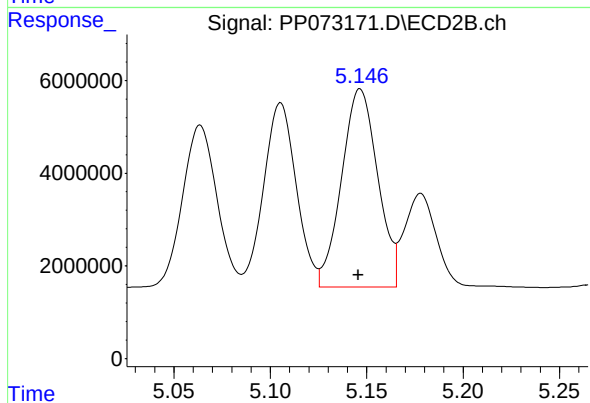
#22 AR-1248-2

R.T.: 5.105 min
Delta R.T.: 0.002 min
Response: 46983931
Conc: 801.83 ng/ml



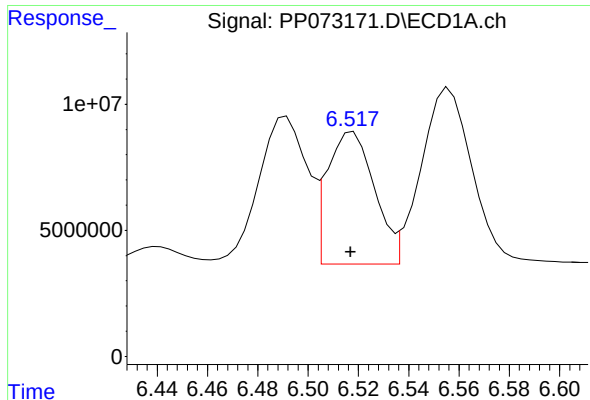
#23 AR-1248-3

R.T.: 6.119 min
Delta R.T.: 0.000 min
Response: 67419825
Conc: 1033.27 ng/ml



#23 AR-1248-3

R.T.: 5.147 min
Delta R.T.: 0.000 min
Response: 55932225
Conc: 923.83 ng/ml



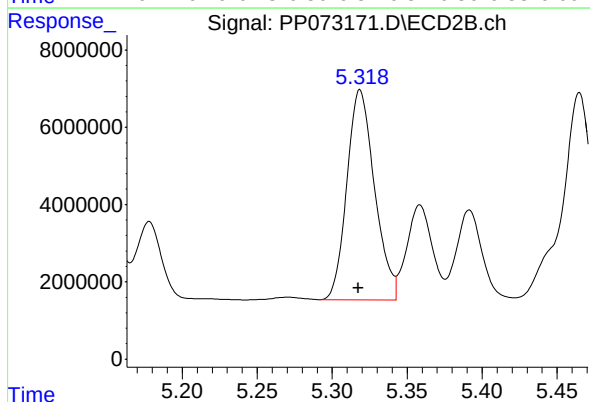
#24 AR-1248-4

R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 68429262
Conc: 804.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
RBR-200059MSD

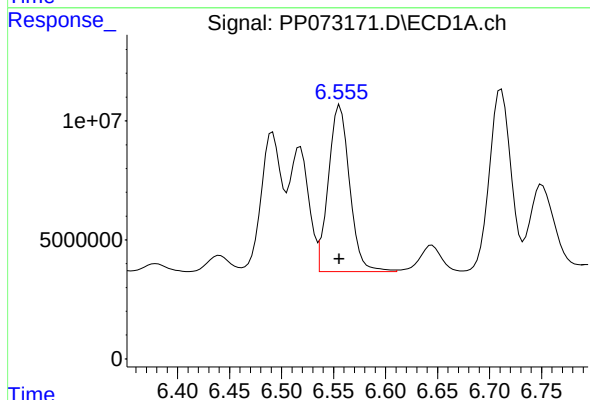
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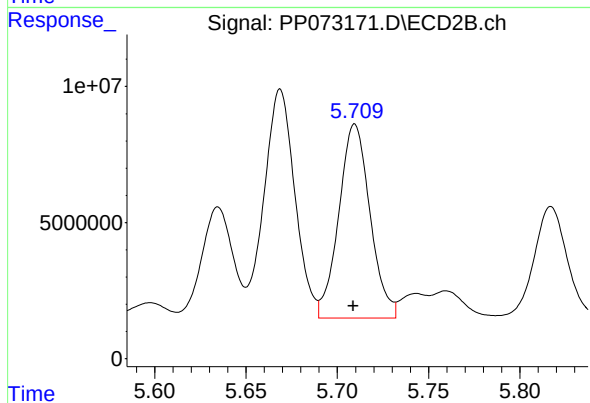
#24 AR-1248-4

R.T.: 5.319 min
Delta R.T.: 0.001 min
Response: 69805269
Conc: 996.90 ng/ml



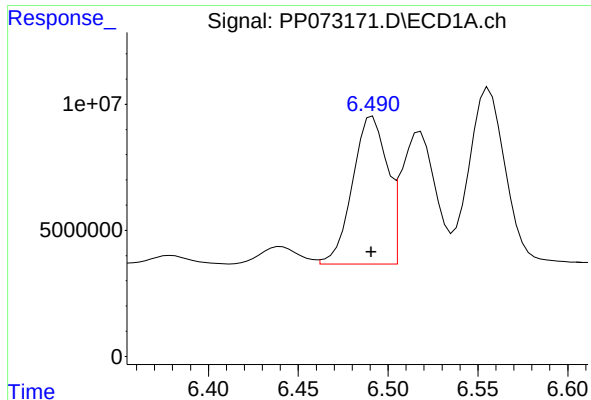
#25 AR-1248-5

R.T.: 6.556 min
Delta R.T.: 0.000 min
Response: 99215323
Conc: 1185.47 ng/ml



#25 AR-1248-5

R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 84980686
Conc: 1196.37 ng/ml



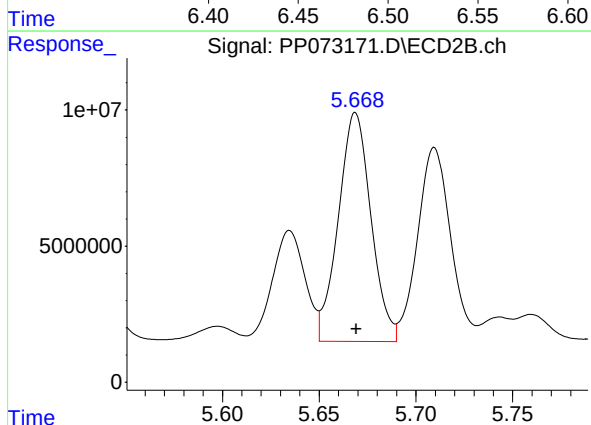
#26 AR-1254-1

R.T.: 6.491 min
Delta R.T.: 0.000 min
Response: 78297756
Conc: 930.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
RBR-200059MSD

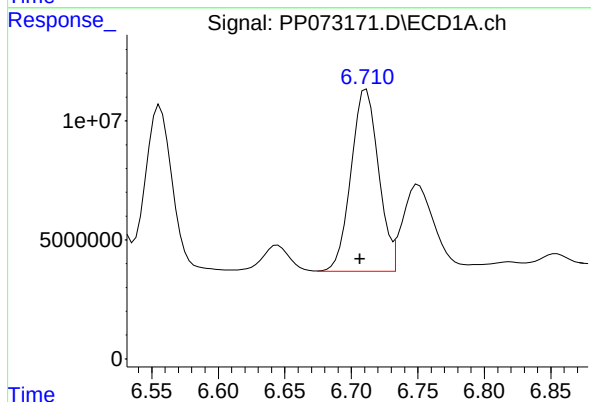
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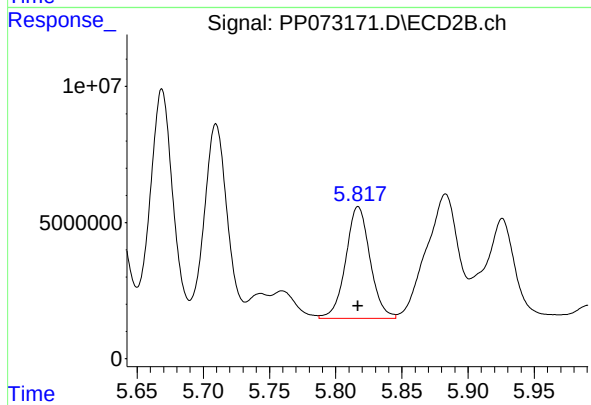
#26 AR-1254-1

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 98766757
Conc: 900.75 ng/ml



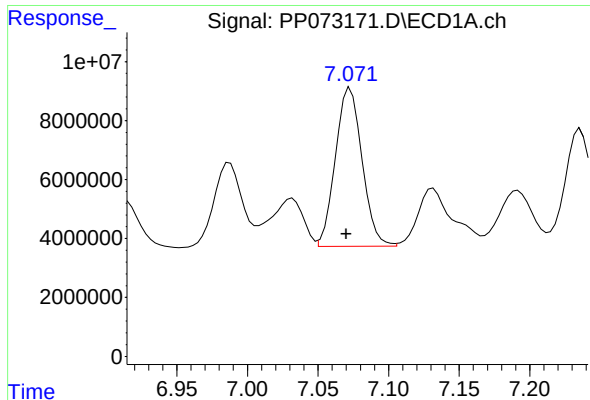
#27 AR-1254-2

R.T.: 6.711 min
Delta R.T.: 0.005 min
Response: 110111147
Conc: 878.07 ng/ml



#27 AR-1254-2

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 52596716
Conc: 556.31 ng/ml



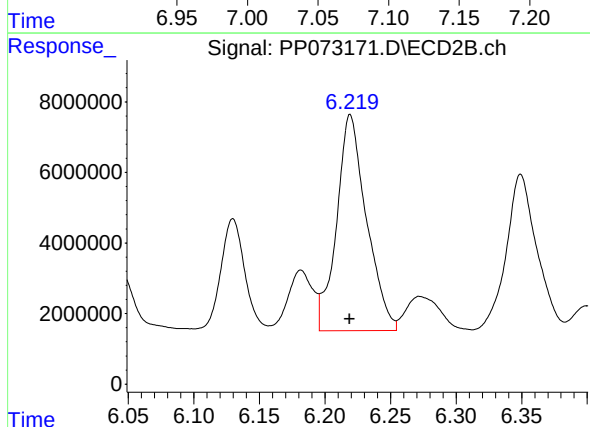
#28 AR-1254-3

R.T.: 7.073 min
Delta R.T.: 0.003 min
Response: 70662248
Conc: 538.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
RBR-200059MSD

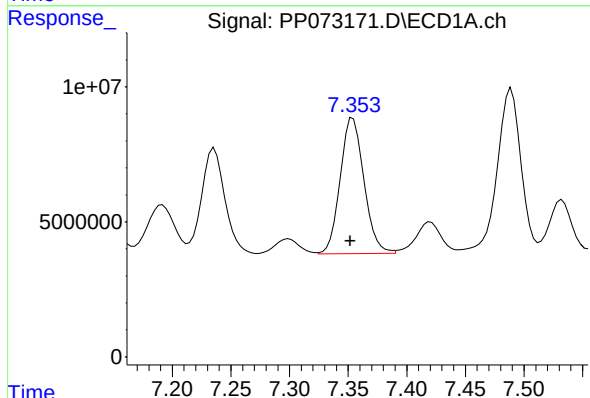
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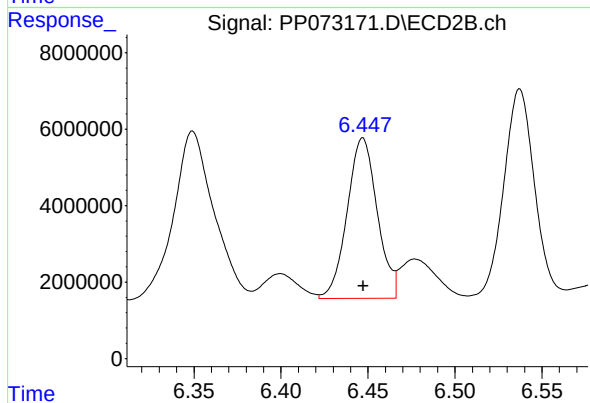
#28 AR-1254-3

R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 97043820
Conc: 657.71 ng/ml



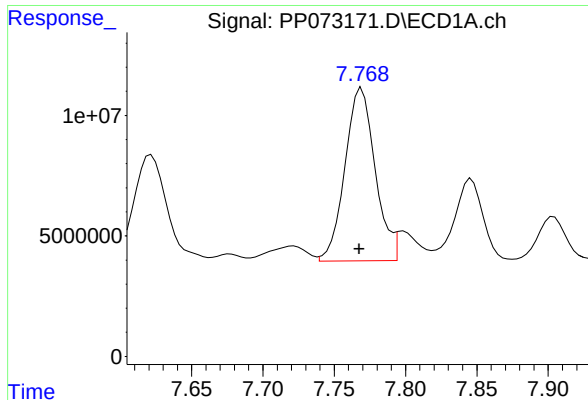
#29 AR-1254-4

R.T.: 7.354 min
Delta R.T.: 0.002 min
Response: 70687450
Conc: 590.12 ng/ml



#29 AR-1254-4

R.T.: 6.447 min
Delta R.T.: 0.000 min
Response: 50454828
Conc: 519.61 ng/ml



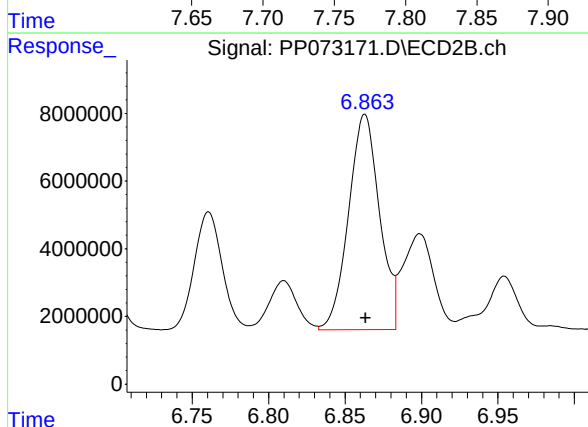
#30 AR-1254-5

R.T.: 7.769 min
Delta R.T.: 0.002 min
Response: 105517047
Conc: 923.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
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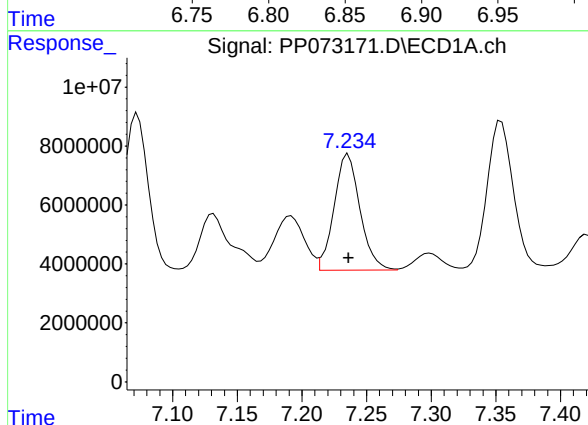
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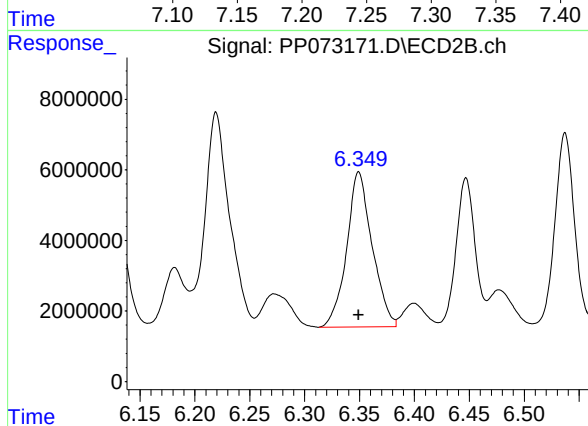
#30 AR-1254-5

R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 90118351
Conc: 693.42 ng/ml



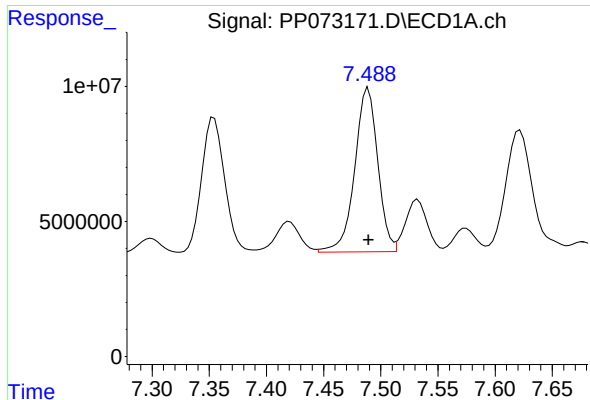
#31 AR-1260-1

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 54903051
Conc: 622.39 ng/ml



#31 AR-1260-1

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 70893521
Conc: 748.37 ng/ml



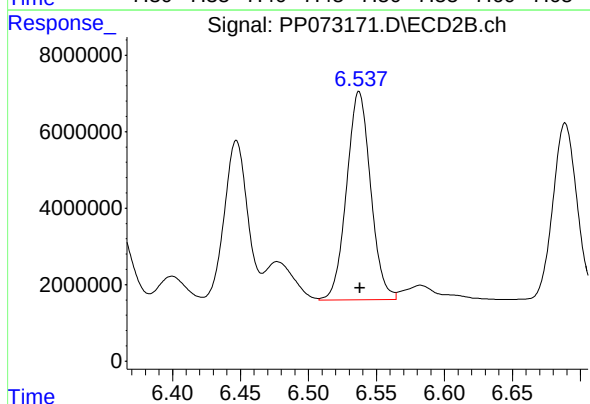
#32 AR-1260-2

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 85382454
Conc: 628.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
RBR-200059MSD

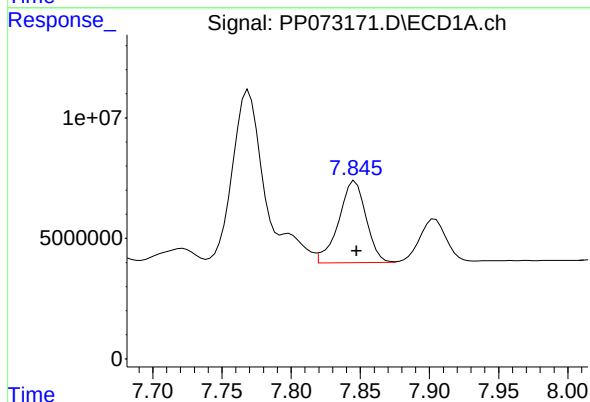
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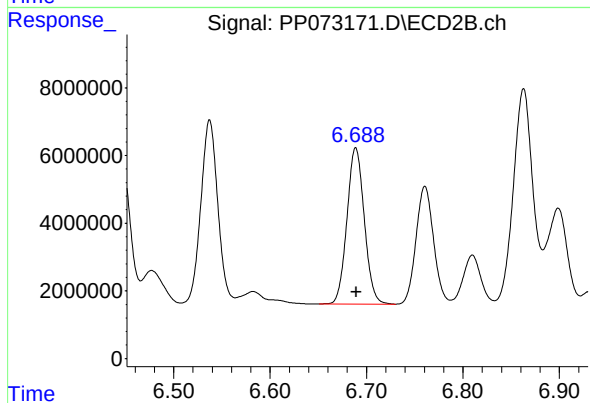
#32 AR-1260-2

R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 67139962
Conc: 576.62 ng/ml



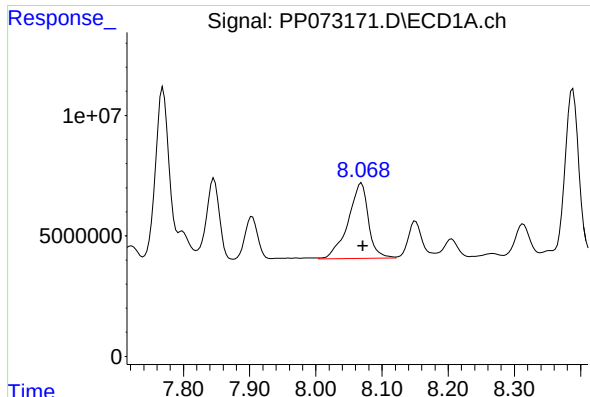
#33 AR-1260-3

R.T.: 7.846 min
Delta R.T.: -0.001 min
Response: 46831899
Conc: 410.26 ng/ml



#33 AR-1260-3

R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 57602571
Conc: 553.01 ng/ml



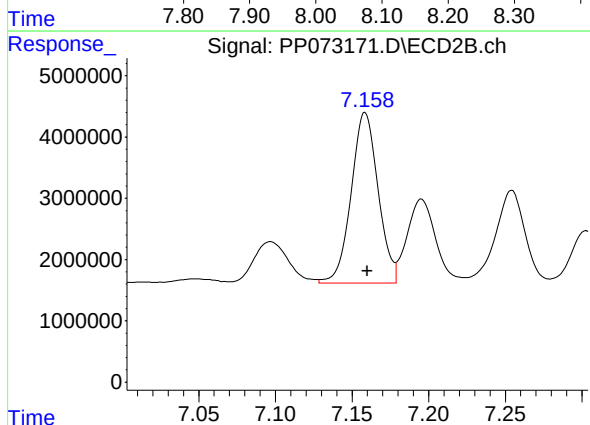
#34 AR-1260-4

R.T.: 8.069 min
Delta R.T.: -0.002 min
Response: 66751159
Conc: 647.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
RBR-200059MSD

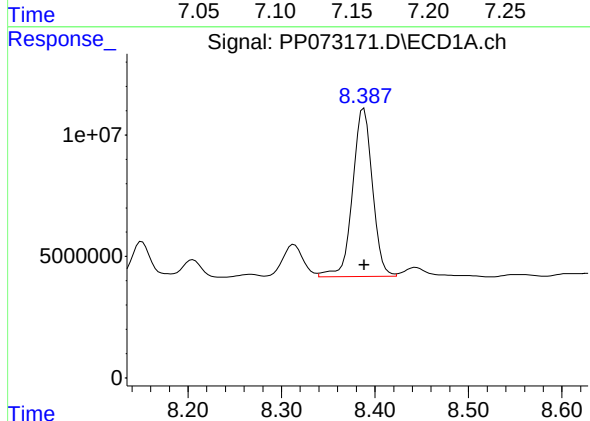
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2025
Supervised By :mohammad ahmed 06/25/2025



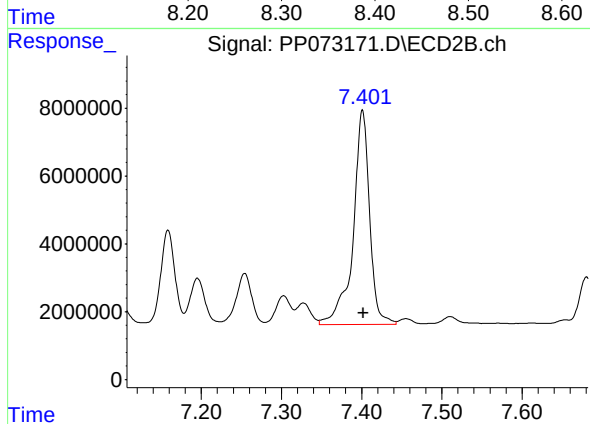
#34 AR-1260-4

R.T.: 7.159 min
Delta R.T.: -0.001 min
Response: 34266094
Conc: 390.55 ng/ml



#35 AR-1260-5

R.T.: 8.388 min
Delta R.T.: 0.000 min
Response: 102456383
Conc: 425.80 ng/ml



#35 AR-1260-5

R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 90472469
Conc: 423.96 ng/ml