

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0042525\
 Data File : P0110729.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2025 13:08
 Operator : YP/AJ
 Sample : Q1860-21MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 P001-SS016-01MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/28/2025
 Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 28 06:49:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 11 02:12:41 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...	3.686	3.682	141.3E6	77750255	16.156	15.582
2) SA Decachlor...	8.725	8.677	112.4E6	29606516	14.234	15.380
Target Compounds						
3) L1 AR-1016-1	4.775	4.762	651.1E6	341.2E6	1984.183	1943.870
4) L1 AR-1016-2	4.795	4.781	1399.8E6	754.3E6	3076.764	2999.736
5) L1 AR-1016-3	4.850	4.958	248.6E6	389.2E6	770.805m	2867.719 #
6) L1 AR-1016-4	4.972	4.998	741.9E6	582.5E6	2977.459	5093.540 #
7) L1 AR-1016-5	5.229	5.211	1257.1E6	668.5E6	4673.217	4484.110m
21) L5 AR-1248-1	4.775	4.762	651.1E6	341.2E6	3059.143	2963.275
22) L5 AR-1248-2	5.014	4.998	1090.1E6	582.5E6	3683.659	3576.424
23) L5 AR-1248-3	5.229	5.040	1257.1E6	535.1E6	3398.057	3043.009
24) L5 AR-1248-4	5.583	5.211	2210.8E6	677.3E6	4251.324	3325.123m
25) L5 AR-1248-5	5.624	5.603	1311.2E6	678.4E6	3549.191	3436.521
26) L6 AR-1254-1	5.583	5.562	2210.8E6	1161.7E6	3962.119	3852.965
27) L6 AR-1254-2	5.732	5.710	1240.4E6	619.1E6	2553.923	2339.192
28) L6 AR-1254-3	6.136	6.112	2227.5E6	1132.0E6	2844.036	2806.007
29) L6 AR-1254-4	6.366	6.339	1057.4E6	507.3E6	2168.650	2208.441
30) L6 AR-1254-5	6.785	6.756	1914.7E6	896.0E6	2731.767	2696.400
31) L7 AR-1260-1	6.269	6.243	1195.1E6	595.9E6	2529.590	2422.701
32) L7 AR-1260-2	6.457	6.430	1022.5E6	463.0E6	1743.585	1586.837
33) L7 AR-1260-3	6.823	6.582	476.8E6	452.1E6	967.448	1668.940 #
34) L7 AR-1260-4	7.084	7.053	394.9E6	173.8E6	930.493	866.173
35) L7 AR-1260-5	7.327	7.294	983.2E6	673.2E6	942.192	1467.208 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110729.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 13:08
Operator : YP/AJ
Sample : Q1860-21MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

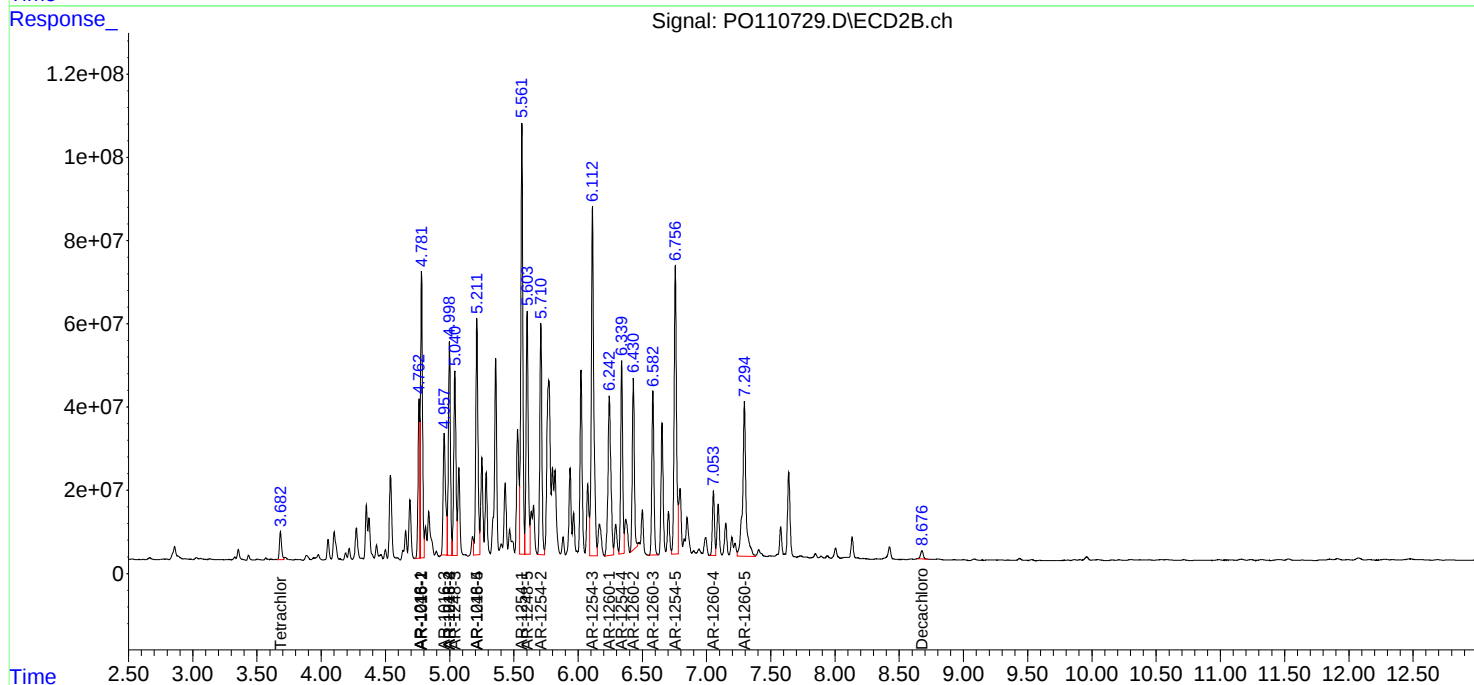
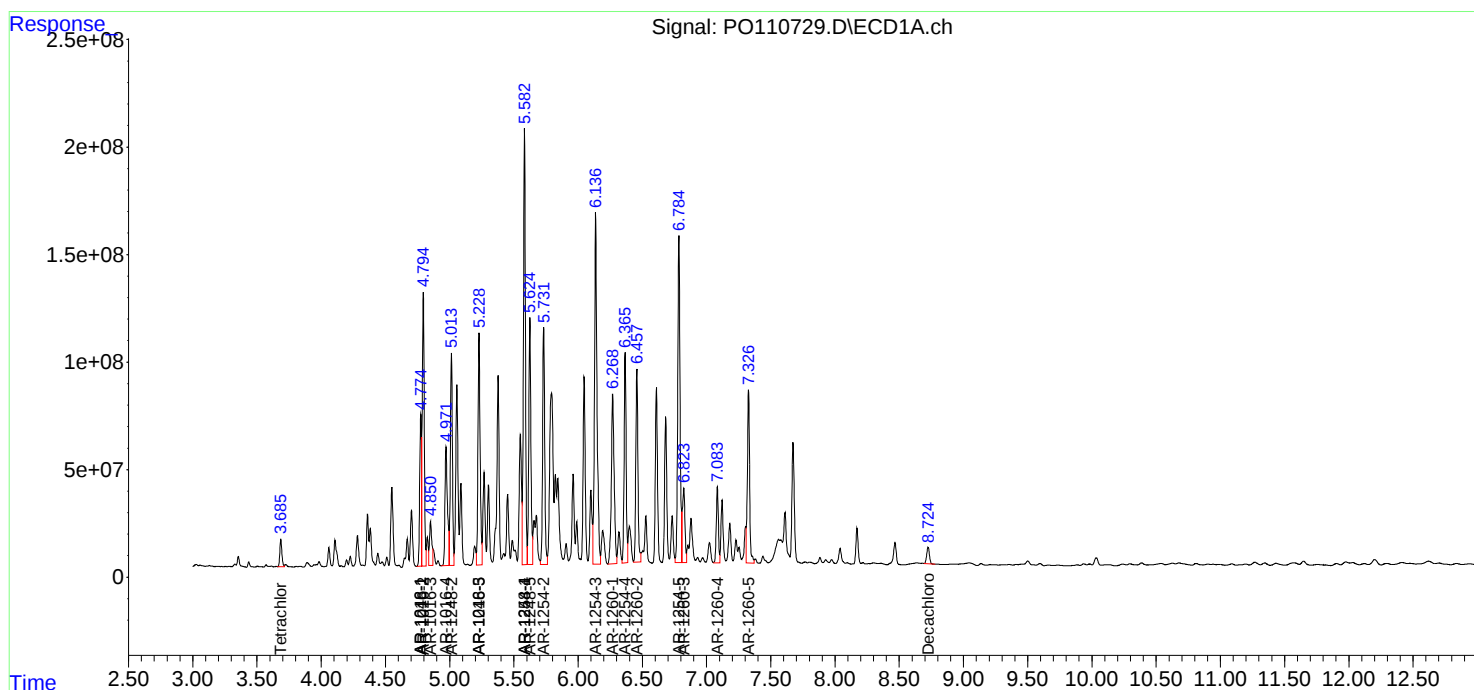
Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

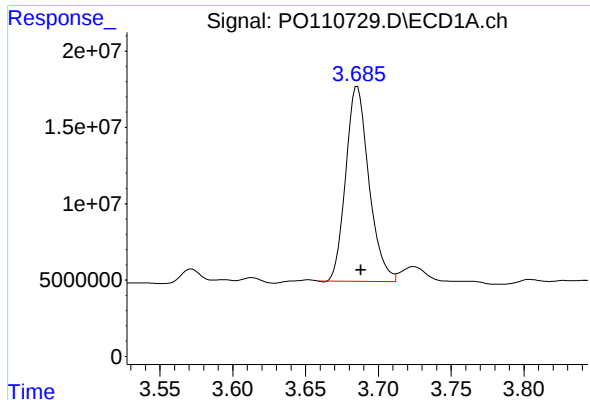
Manual Integrations
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Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 06:49:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 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.: 3.686 min
Delta R.T.: -0.002 min
Response: 141348061
Conc: 16.16 ng/ml

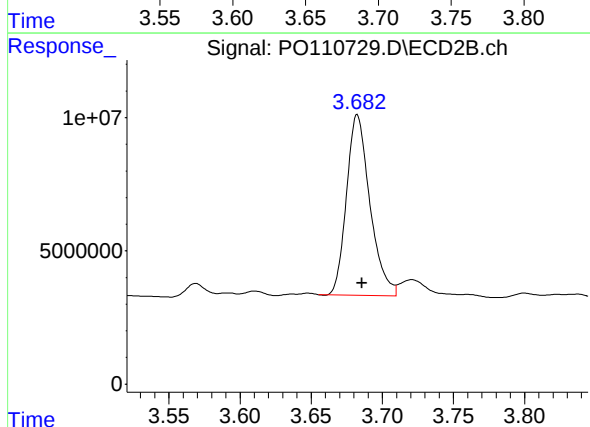
Instrument :

ECD_O

ClientSampleId :
P001-SS016-01MSD

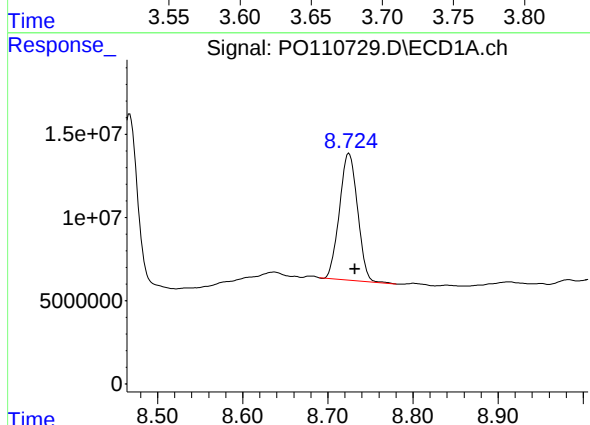
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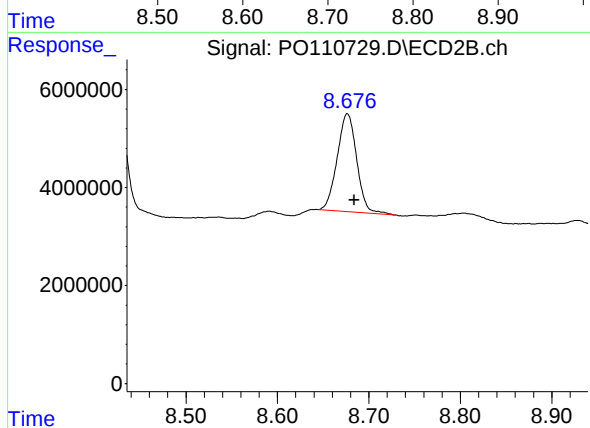
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.003 min
Response: 77750255
Conc: 15.58 ng/ml



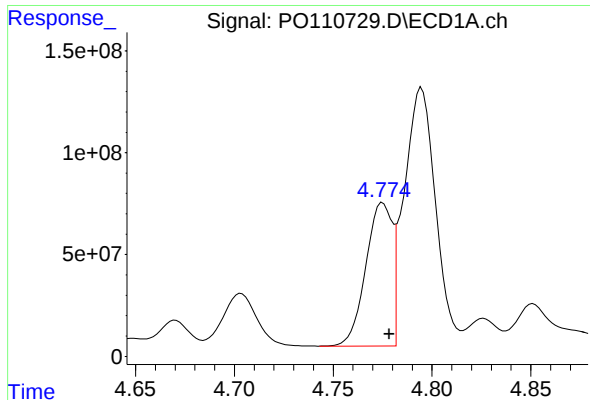
#2 Decachlorobiphenyl

R.T.: 8.725 min
Delta R.T.: -0.007 min
Response: 112378757
Conc: 14.23 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.677 min
Delta R.T.: -0.008 min
Response: 29606516
Conc: 15.38 ng/ml



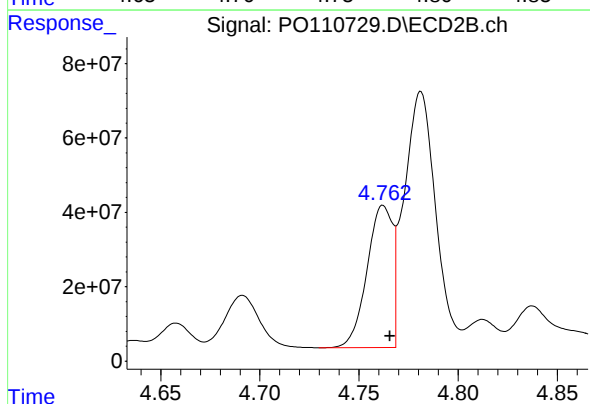
#3 AR-1016-1

R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 651096696
Conc: 1984.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

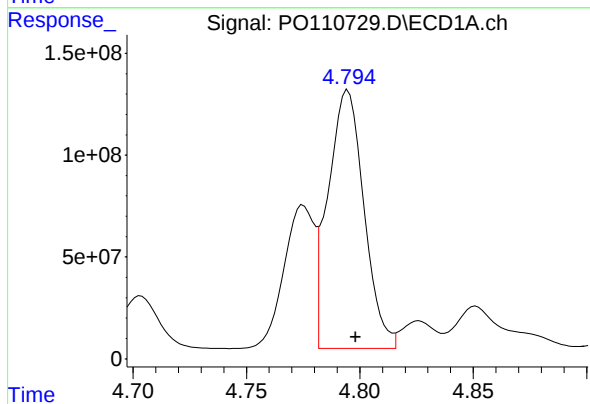
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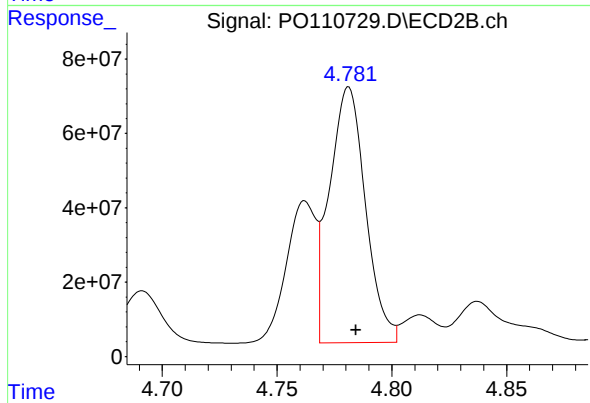
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 341167707
Conc: 1943.87 ng/ml



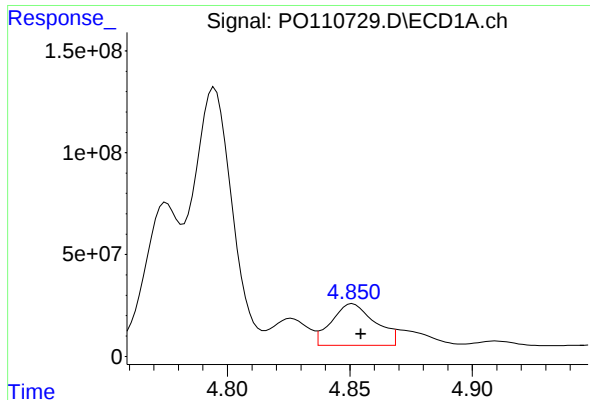
#4 AR-1016-2

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 1399768641
Conc: 3076.76 ng/ml



#4 AR-1016-2

R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 754328495
Conc: 2999.74 ng/ml



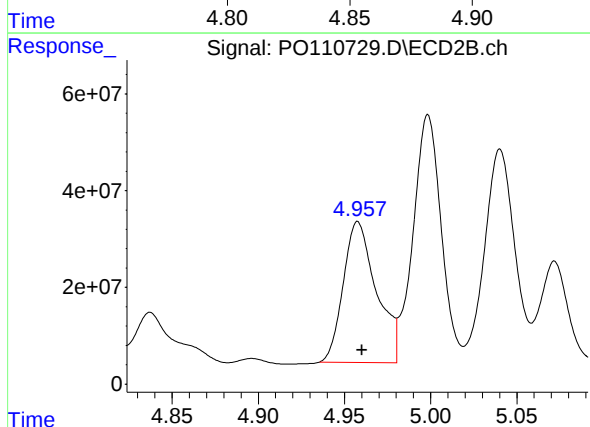
#5 AR-1016-3

R.T.: 4.850 min
Delta R.T.: -0.004 min
Response: 248605900
Conc: 770.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

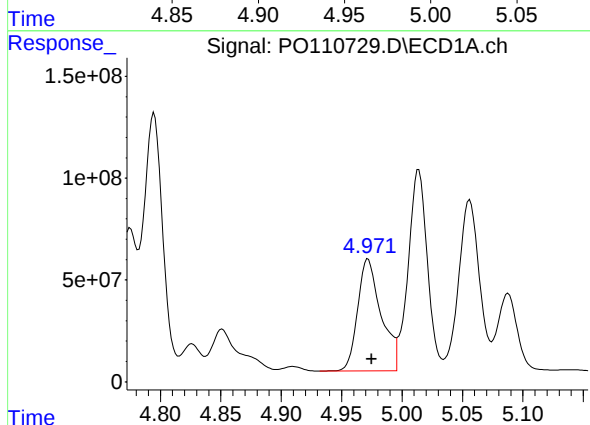
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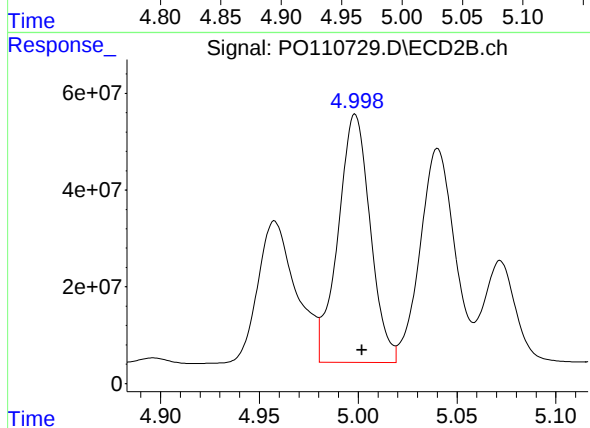
#5 AR-1016-3

R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 389180807
Conc: 2867.72 ng/ml



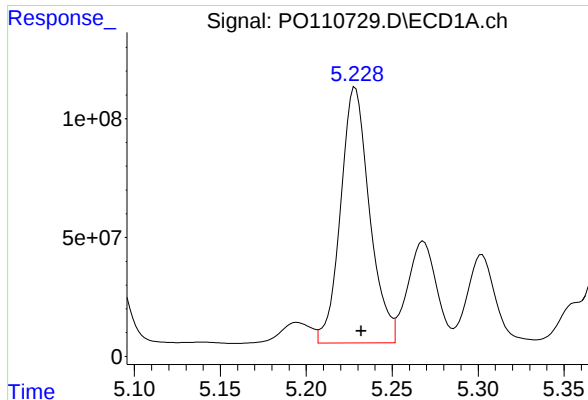
#6 AR-1016-4

R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 741876957
Conc: 2977.46 ng/ml



#6 AR-1016-4

R.T.: 4.998 min
Delta R.T.: -0.003 min
Response: 582537254
Conc: 5093.54 ng/ml



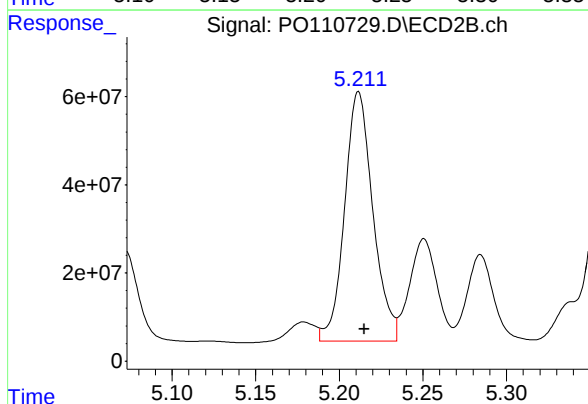
#7 AR-1016-5

R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 1257149897
Conc: 4673.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

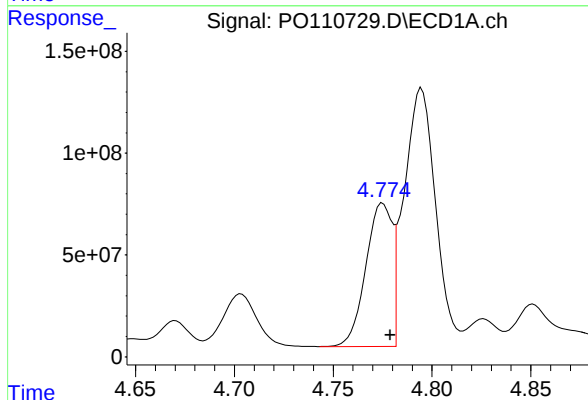
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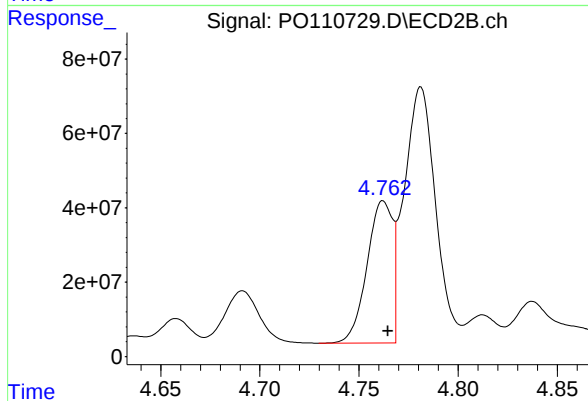
#7 AR-1016-5

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 668463659
Conc: 4484.11 ng/ml



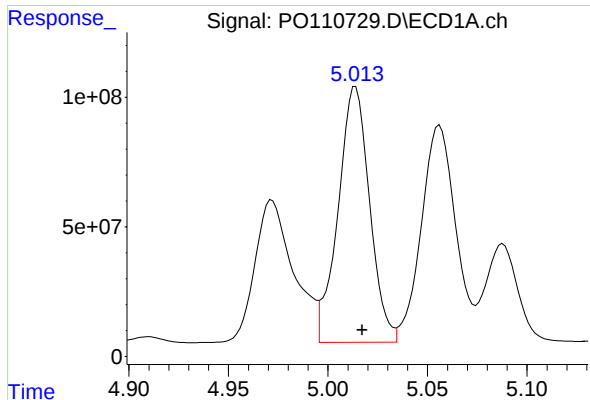
#21 AR-1248-1

R.T.: 4.775 min
Delta R.T.: -0.004 min
Response: 651096696
Conc: 3059.14 ng/ml



#21 AR-1248-1

R.T.: 4.762 min
Delta R.T.: -0.002 min
Response: 341167707
Conc: 2963.28 ng/ml



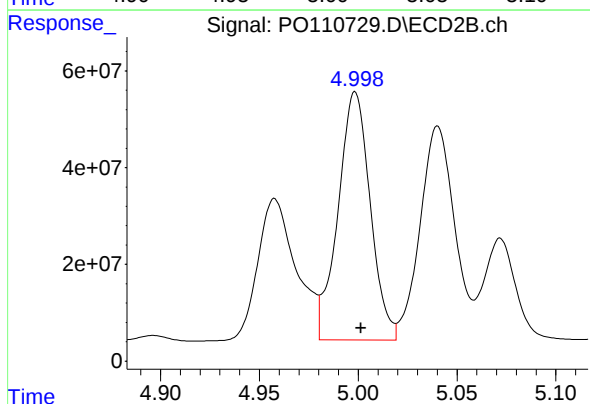
#22 AR-1248-2

R.T.: 5.014 min
Delta R.T.: -0.003 min
Response: 1090086953
Conc: 3683.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

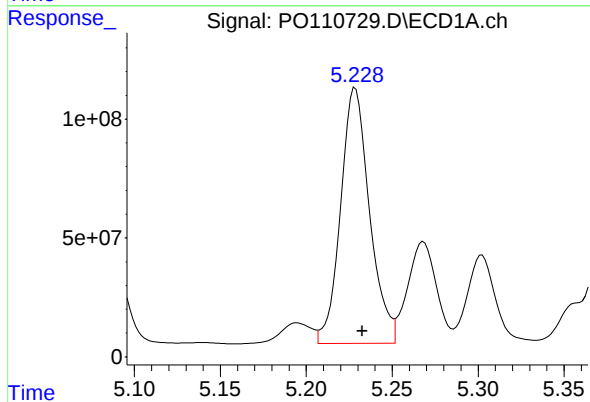
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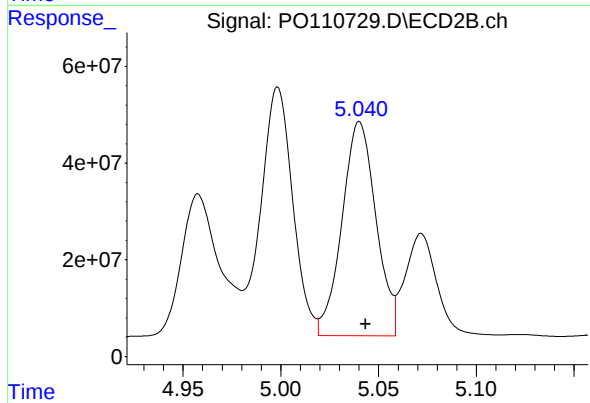
#22 AR-1248-2

R.T.: 4.998 min
Delta R.T.: -0.003 min
Response: 582537254
Conc: 3576.42 ng/ml



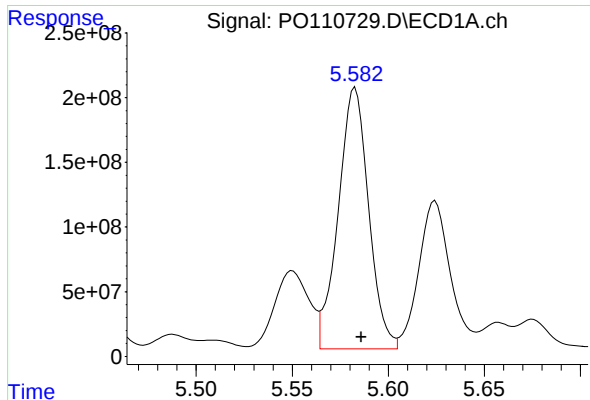
#23 AR-1248-3

R.T.: 5.229 min
Delta R.T.: -0.004 min
Response: 1257149897
Conc: 3398.06 ng/ml



#23 AR-1248-3

R.T.: 5.040 min
Delta R.T.: -0.003 min
Response: 535131763
Conc: 3043.01 ng/ml



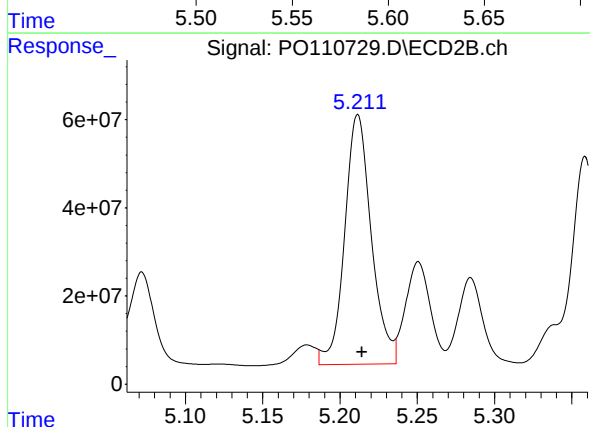
#24 AR-1248-4

R.T.: 5.583 min
Delta R.T.: -0.003 min
Response: 2210819482
Conc: 4251.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

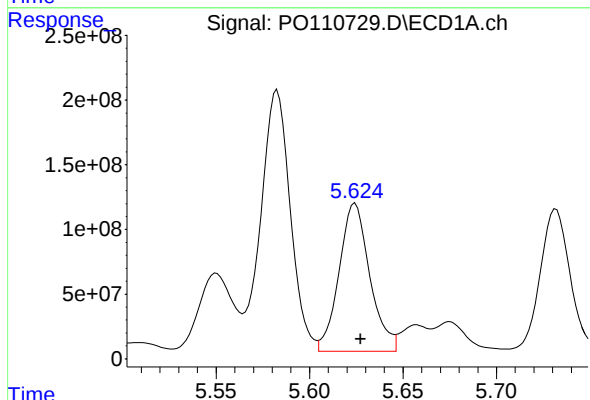
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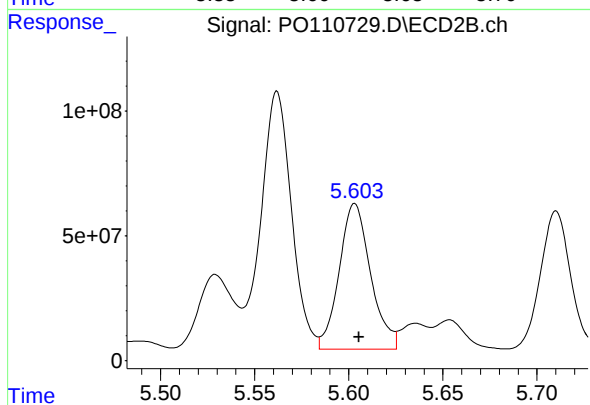
#24 AR-1248-4

R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 677256809
Conc: 3325.12 ng/ml



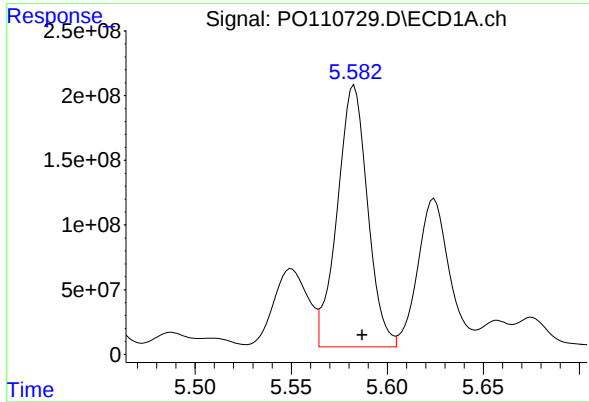
#25 AR-1248-5

R.T.: 5.624 min
Delta R.T.: -0.003 min
Response: 1311162528
Conc: 3549.19 ng/ml



#25 AR-1248-5

R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 678354866
Conc: 3436.52 ng/ml



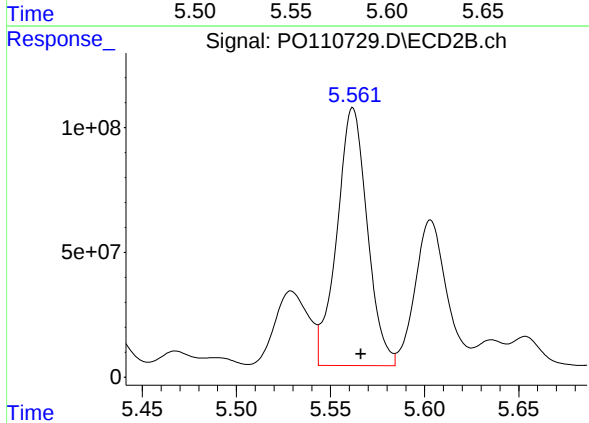
#26 AR-1254-1

R.T.: 5.583 min
Delta R.T.: -0.004 min
Response: 2210819482
Conc: 3962.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

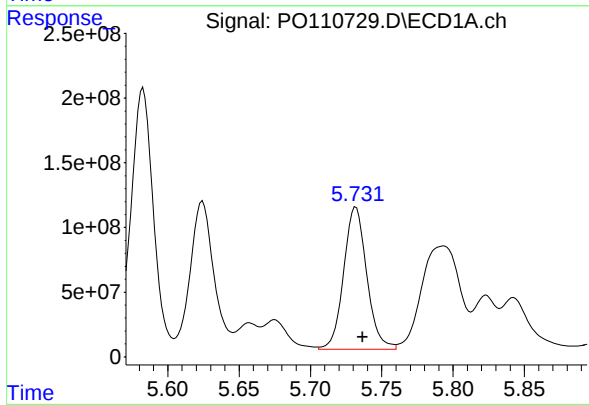
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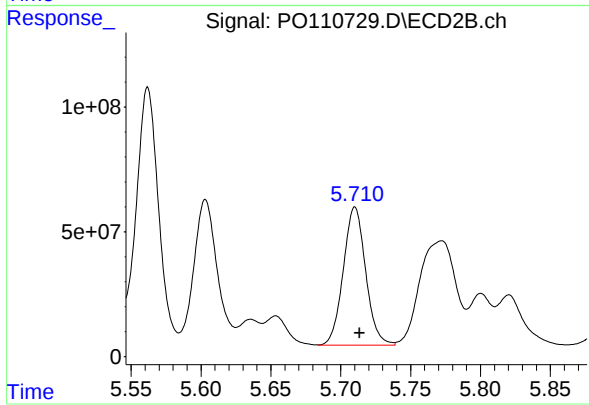
#26 AR-1254-1

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 1161665431
Conc: 3852.96 ng/ml



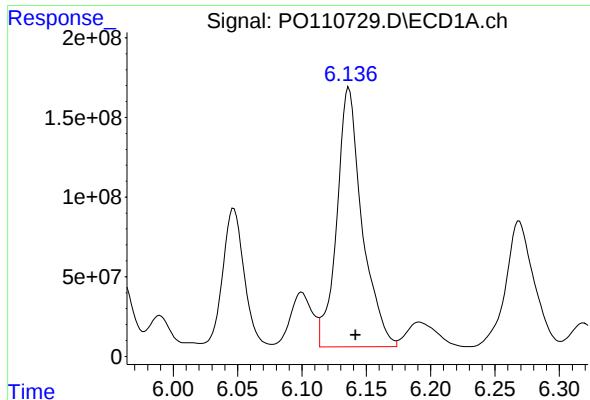
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: -0.005 min
Response: 1240446806
Conc: 2553.92 ng/ml



#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 619149833
Conc: 2339.19 ng/ml



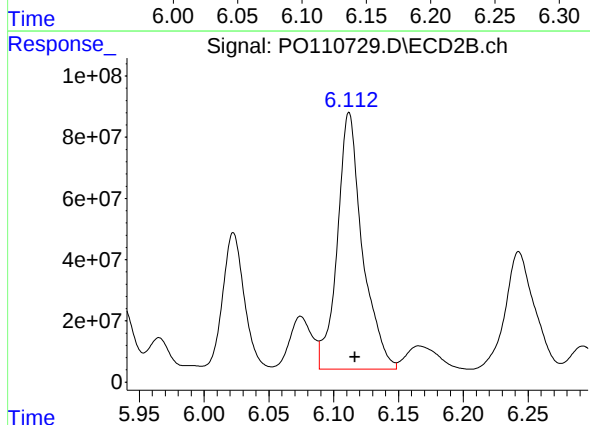
#28 AR-1254-3

R.T.: 6.136 min
Delta R.T.: -0.005 min
Response: 2227510841
Conc: 2844.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

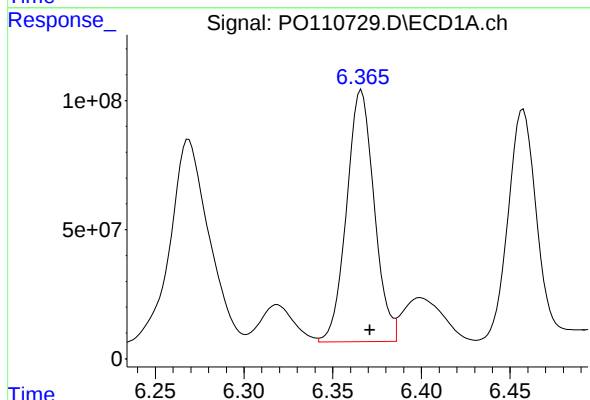
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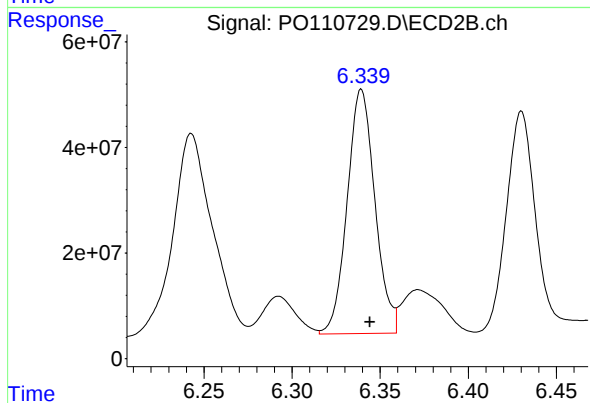
#28 AR-1254-3

R.T.: 6.112 min
Delta R.T.: -0.005 min
Response: 1131988180
Conc: 2806.01 ng/ml



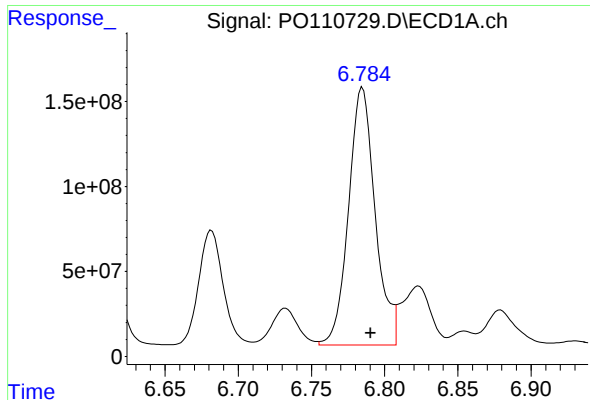
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: -0.005 min
Response: 1057445220
Conc: 2168.65 ng/ml



#29 AR-1254-4

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 507307406
Conc: 2208.44 ng/ml



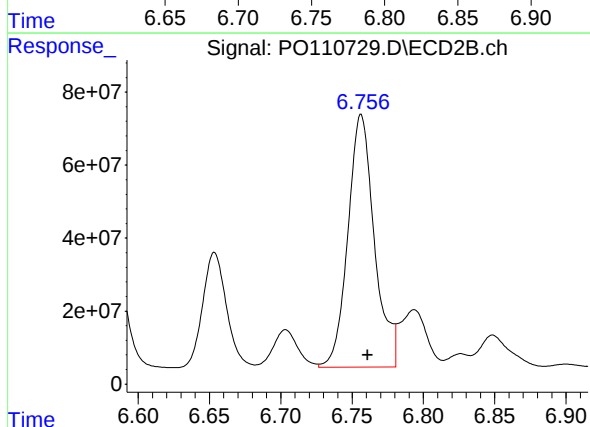
#30 AR-1254-5

R.T.: 6.785 min
Delta R.T.: -0.005 min
Response: 1914695199
Conc: 2731.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

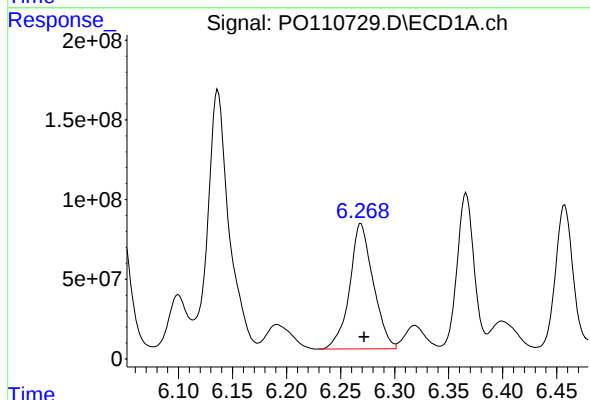
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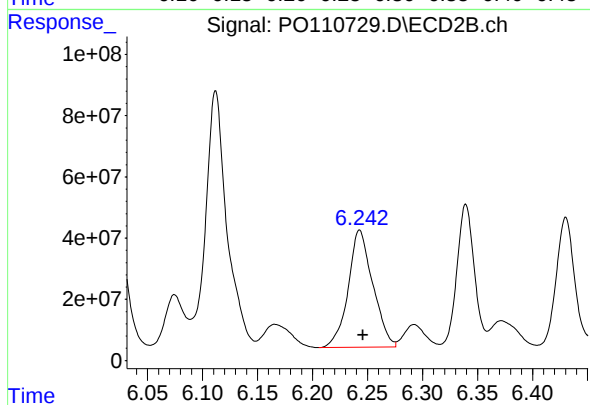
#30 AR-1254-5

R.T.: 6.756 min
Delta R.T.: -0.005 min
Response: 895991441
Conc: 2696.40 ng/ml



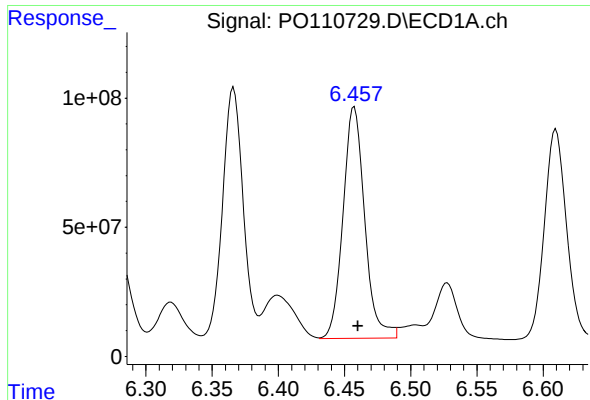
#31 AR-1260-1

R.T.: 6.269 min
Delta R.T.: -0.003 min
Response: 1195092810
Conc: 2529.59 ng/ml



#31 AR-1260-1

R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 595896159
Conc: 2422.70 ng/ml



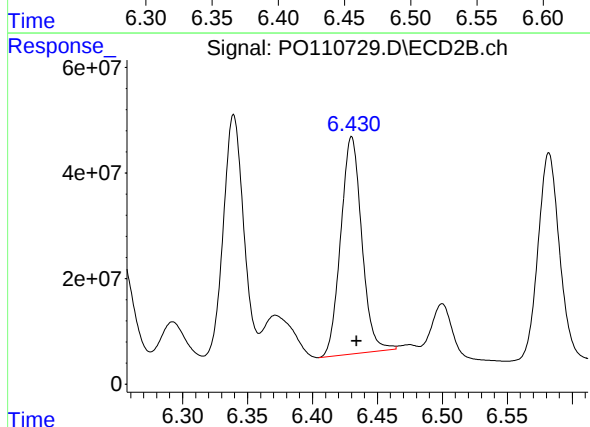
#32 AR-1260-2

R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 1022480637
Conc: 1743.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

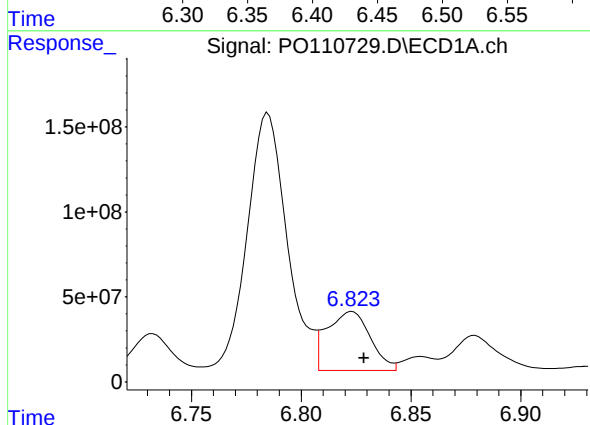
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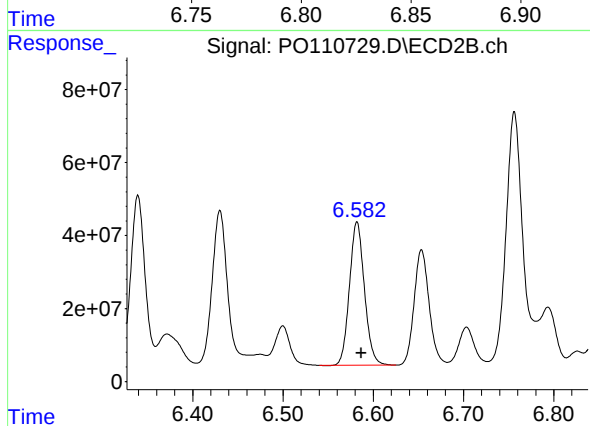
#32 AR-1260-2

R.T.: 6.430 min
Delta R.T.: -0.004 min
Response: 462961029
Conc: 1586.84 ng/ml



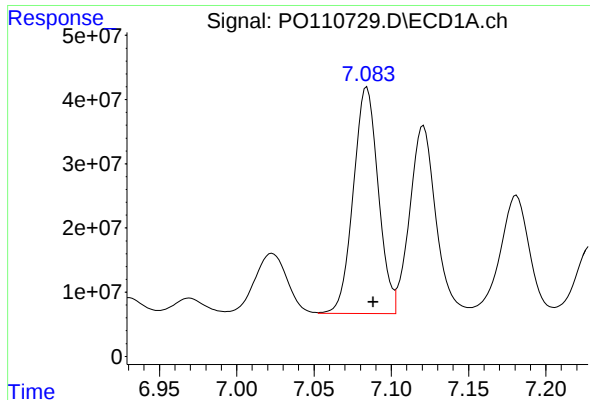
#33 AR-1260-3

R.T.: 6.823 min
Delta R.T.: -0.005 min
Response: 476828567
Conc: 967.45 ng/ml



#33 AR-1260-3

R.T.: 6.582 min
Delta R.T.: -0.005 min
Response: 452089454
Conc: 1668.94 ng/ml



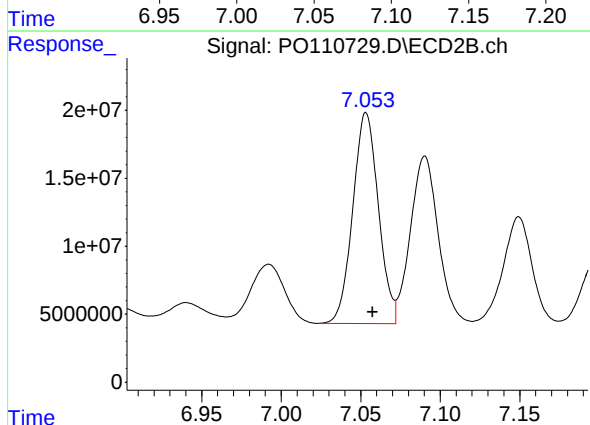
#34 AR-1260-4

R.T.: 7.084 min
Delta R.T.: -0.004 min
Response: 394922548
Conc: 930.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

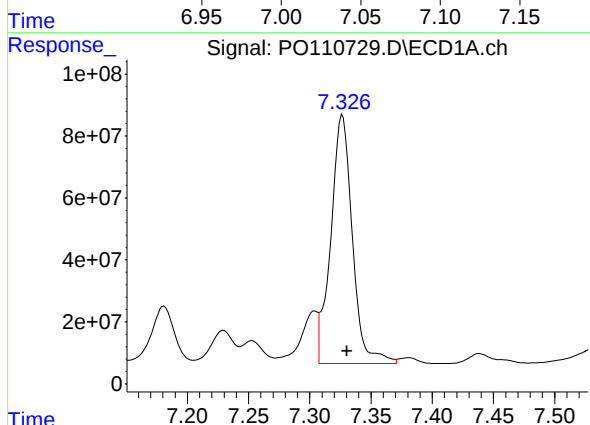
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



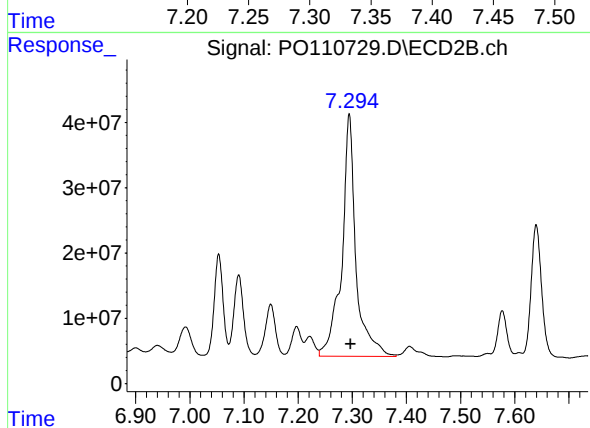
#34 AR-1260-4

R.T.: 7.053 min
Delta R.T.: -0.004 min
Response: 173788931
Conc: 866.17 ng/ml



#35 AR-1260-5

R.T.: 7.327 min
Delta R.T.: -0.004 min
Response: 983151016
Conc: 942.19 ng/ml



#35 AR-1260-5

R.T.: 7.294 min
Delta R.T.: -0.003 min
Response: 673239657
Conc: 1467.21 ng/ml