

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110223\
 Data File : PO099311.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2023 23:09
 Operator : YP/AJ
 Sample : 05220-05MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 Z-7(0-5)MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 03 01:05:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 25 06:04:36 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...	4.466	3.623	20444001	14282806	10.346m	19.846m#
2) SA Decachlor...	10.255	8.611	22364206	8383166	19.741m	15.625m
Target Compounds						
3) L1 AR-1016-1	5.638	4.702	39888543	16174873	724.372m	722.288m
4) L1 AR-1016-2	5.660	4.717	62447654	8205556	755.203m	262.522m#
5) L1 AR-1016-3	5.724	4.896	35711186	21409753	693.796	1264.396m#
6) L1 AR-1016-4	5.822	4.937	16905108	39141617	415.937	2707.312 #
7) L1 AR-1016-5	6.116	5.140	17967748	18180441	423.337m	973.159m#
31) L7 AR-1260-1	7.246	6.181	38079937	22891327	531.390	648.932
32) L7 AR-1260-2	7.500	6.370	58674040	20442847	743.681	509.969 #
33) L7 AR-1260-3	7.863	6.521	24058515	18503037	440.528	489.332m
34) L7 AR-1260-4	8.089	6.993	27734351	12235916	442.639	423.440
35) L7 AR-1260-5	8.414	7.236	54696037	30476229	511.103	506.421

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

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Sample : 05220-05MS
Misc :
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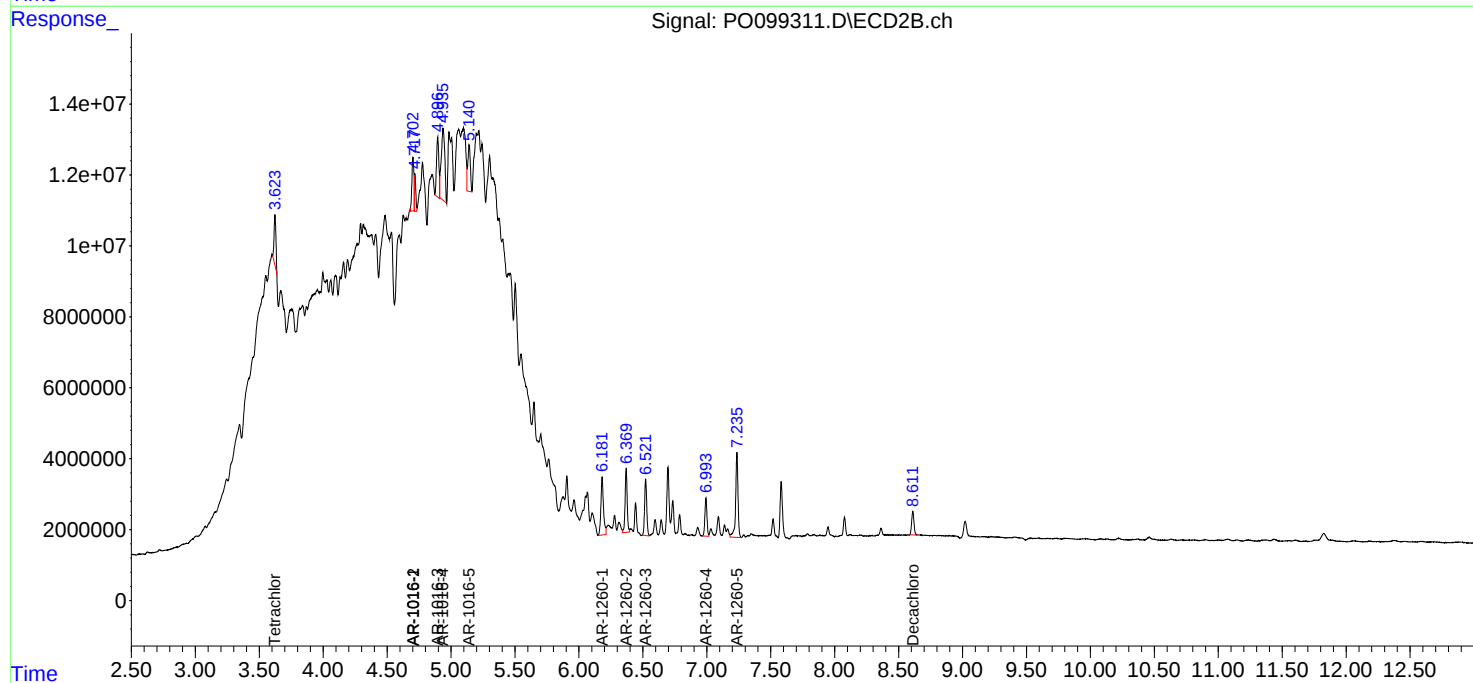
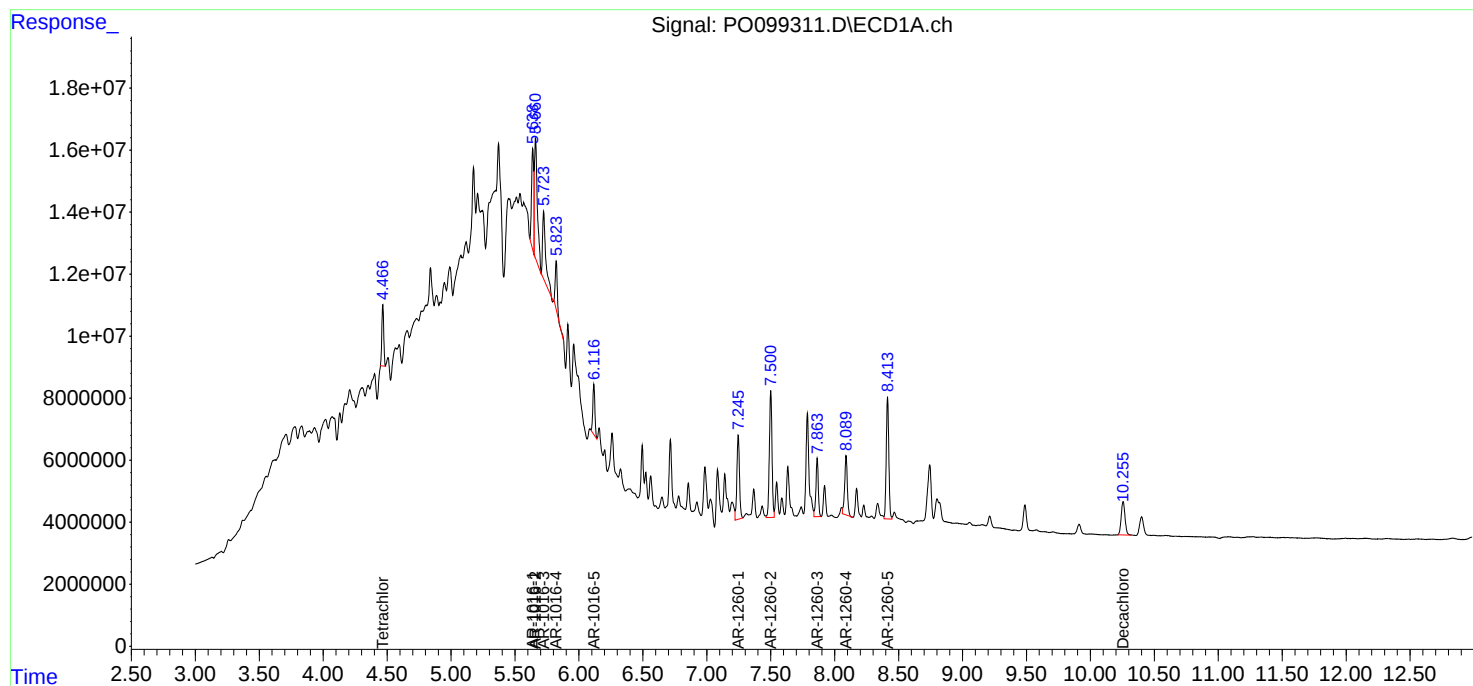
Instrument :
ECD_O
ClientSampleId :
Z-7(0-5)MS

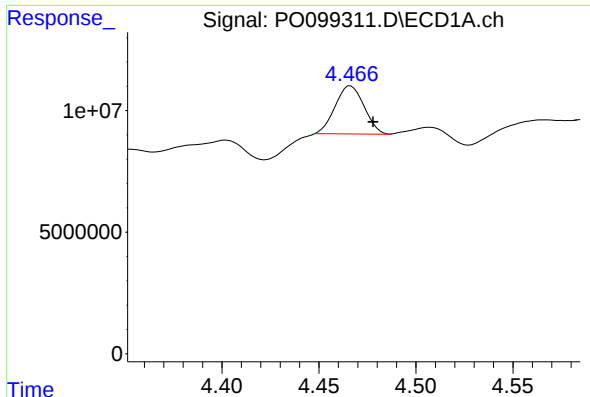
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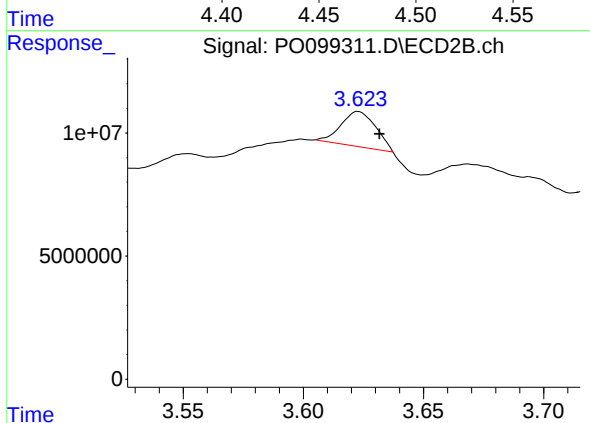
#1 Tetrachloro-m-xylene

R.T.: 4.466 min
Delta R.T.: -0.012 min
Response: 20444001
Conc: 10.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z-7(0-5)MS

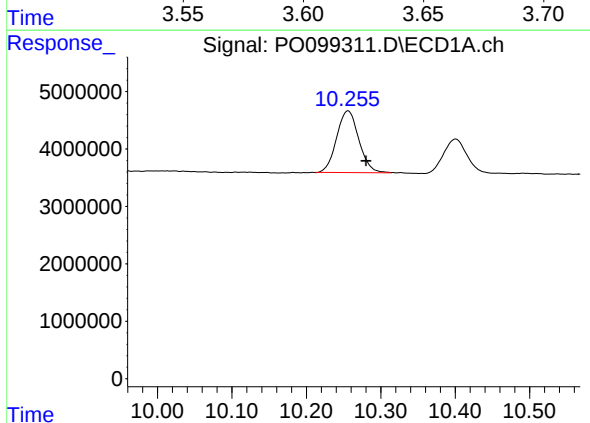
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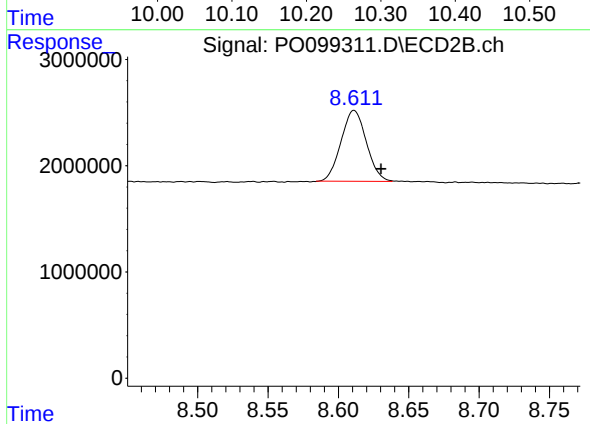
#1 Tetrachloro-m-xylene

R.T.: 3.623 min
Delta R.T.: -0.009 min
Response: 14282806
Conc: 19.85 ng/ml m



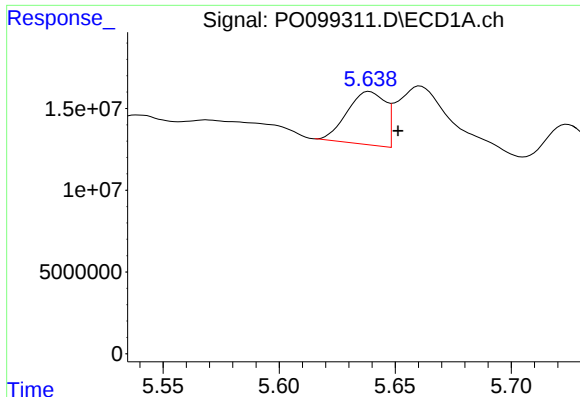
#2 Decachlorobiphenyl

R.T.: 10.255 min
Delta R.T.: -0.025 min
Response: 22364206
Conc: 19.74 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.611 min
Delta R.T.: -0.019 min
Response: 8383166
Conc: 15.62 ng/ml m



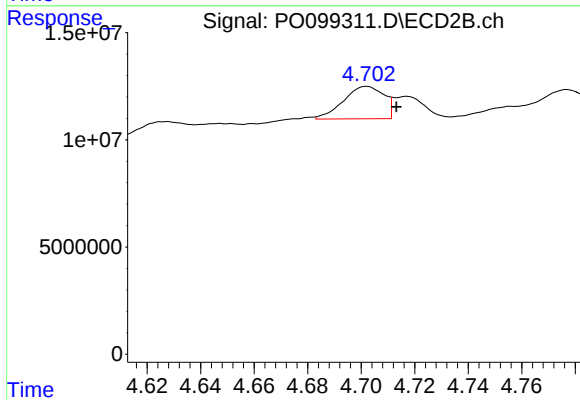
#3 AR-1016-1

R.T.: 5.638 min
Delta R.T.: -0.013 min
Response: 39888543
Conc: 724.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z-7(0-5)MS

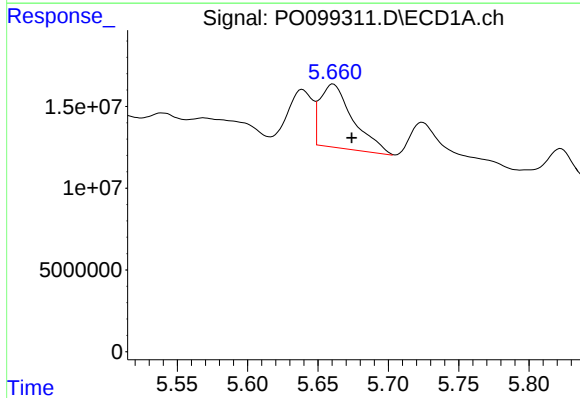
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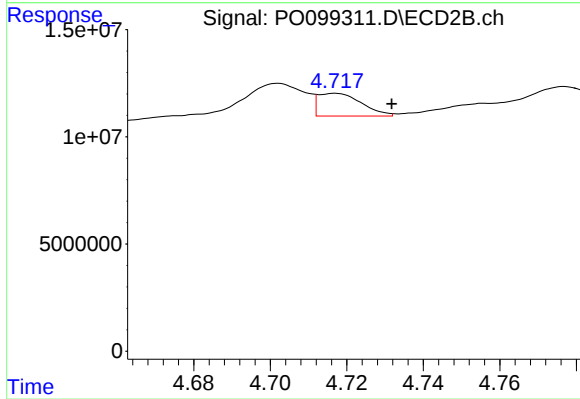
#3 AR-1016-1

R.T.: 4.702 min
Delta R.T.: -0.011 min
Response: 16174873
Conc: 722.29 ng/ml m



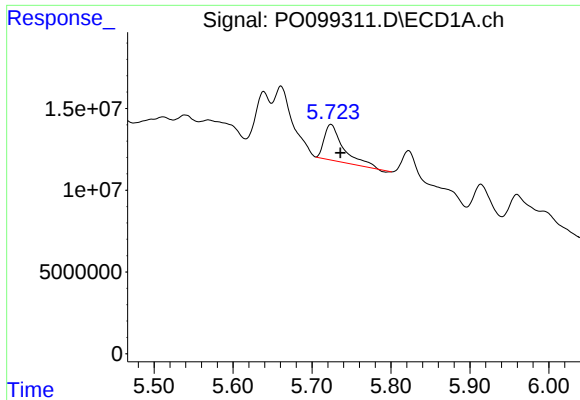
#4 AR-1016-2

R.T.: 5.660 min
Delta R.T.: -0.014 min
Response: 62447654
Conc: 755.20 ng/ml m



#4 AR-1016-2

R.T.: 4.717 min
Delta R.T.: -0.015 min
Response: 8205556
Conc: 262.52 ng/ml m



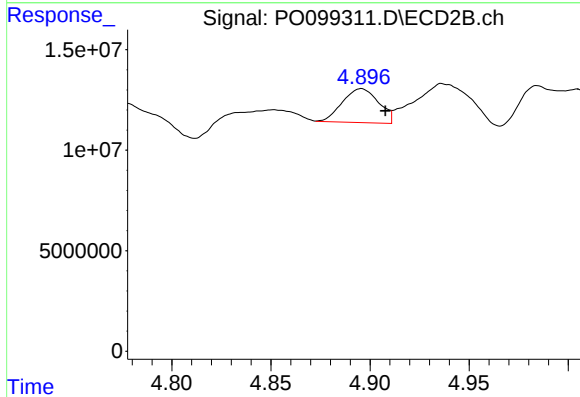
#5 AR-1016-3

R.T.: 5.724 min
Delta R.T.: -0.012 min
Response: 35711186
Conc: 693.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z-7(0-5)MS

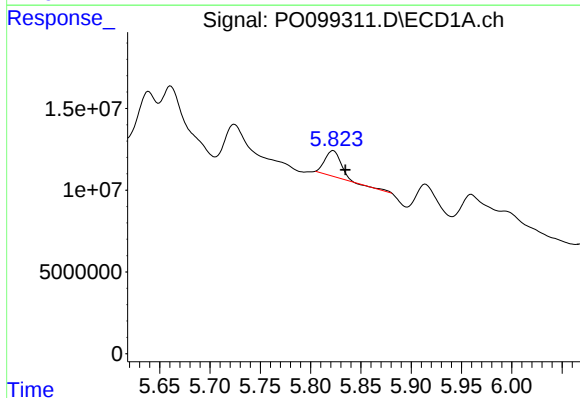
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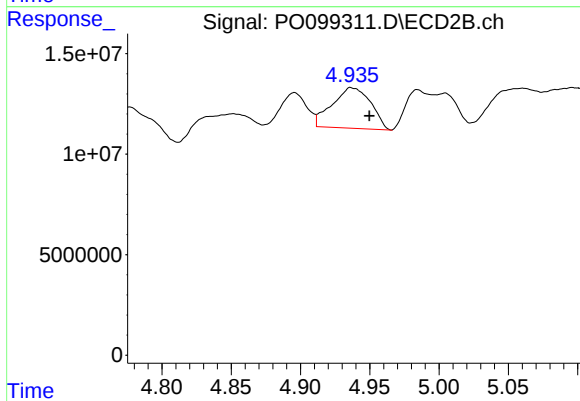
#5 AR-1016-3

R.T.: 4.896 min
Delta R.T.: -0.012 min
Response: 21409753
Conc: 1264.40 ng/ml m



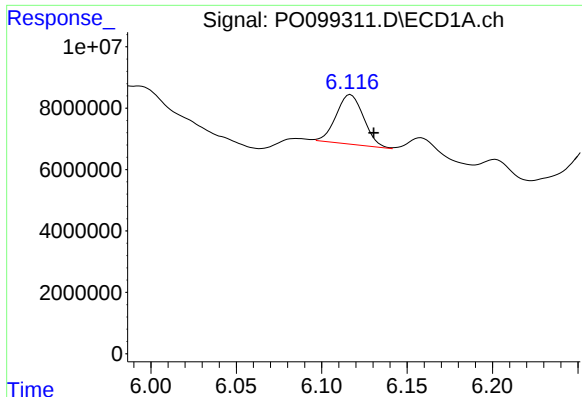
#6 AR-1016-4

R.T.: 5.822 min
Delta R.T.: -0.012 min
Response: 16905108
Conc: 415.94 ng/ml



#6 AR-1016-4

R.T.: 4.937 min
Delta R.T.: -0.013 min
Response: 39141617
Conc: 2707.31 ng/ml



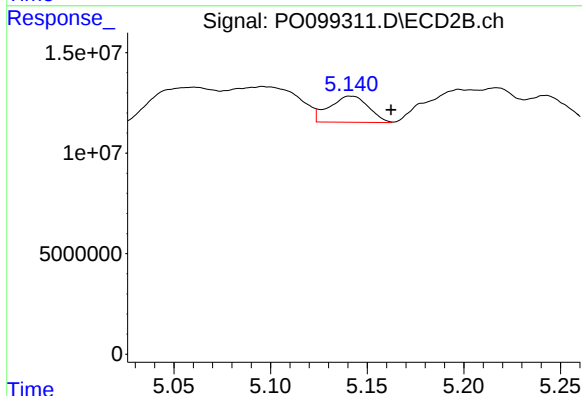
#7 AR-1016-5

R.T.: 6.116 min
Delta R.T.: -0.014 min
Response: 17967748
Conc: 423.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z-7(0-5)MS

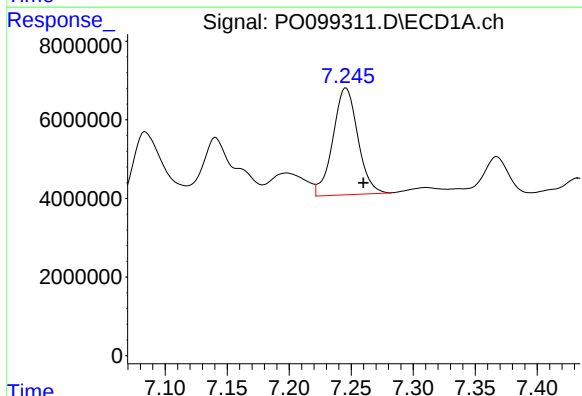
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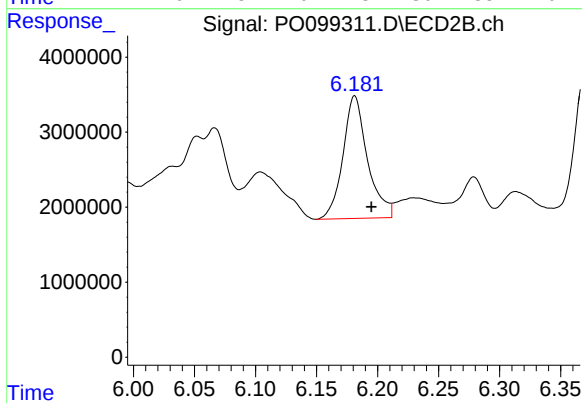
#7 AR-1016-5

R.T.: 5.140 min
Delta R.T.: -0.022 min
Response: 18180441
Conc: 973.16 ng/ml m



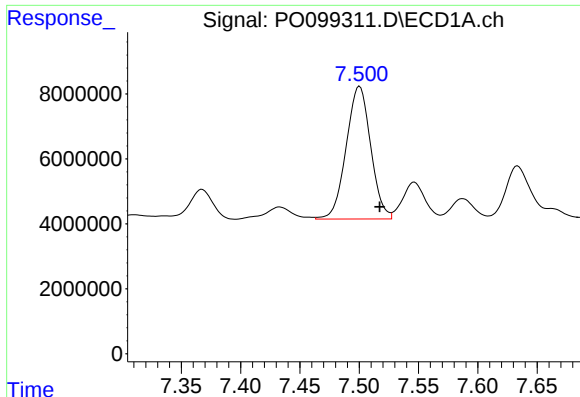
#31 AR-1260-1

R.T.: 7.246 min
Delta R.T.: -0.014 min
Response: 38079937
Conc: 531.39 ng/ml



#31 AR-1260-1

R.T.: 6.181 min
Delta R.T.: -0.014 min
Response: 22891327
Conc: 648.93 ng/ml



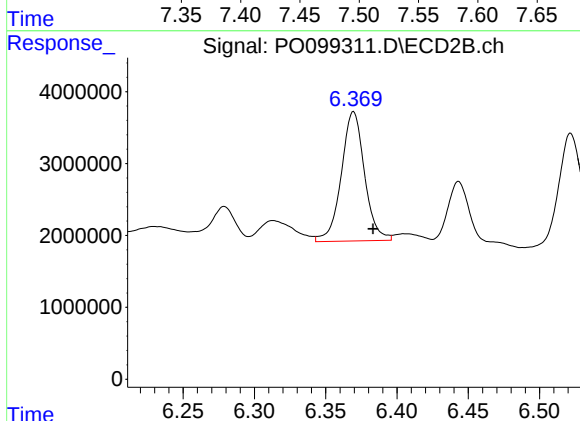
#32 AR-1260-2

R.T.: 7.500 min
Delta R.T.: -0.017 min
Response: 58674040
Conc: 743.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z-7(0-5)MS

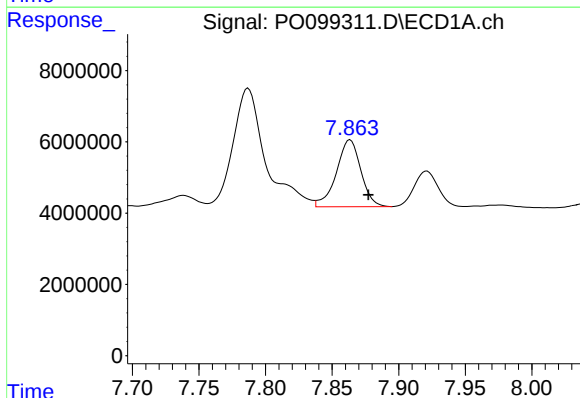
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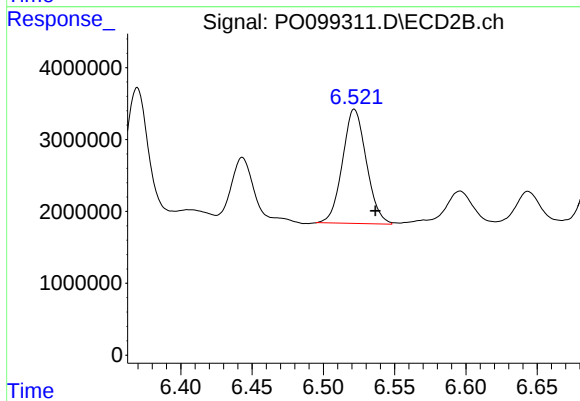
#32 AR-1260-2

R.T.: 6.370 min
Delta R.T.: -0.014 min
Response: 20442847
Conc: 509.97 ng/ml



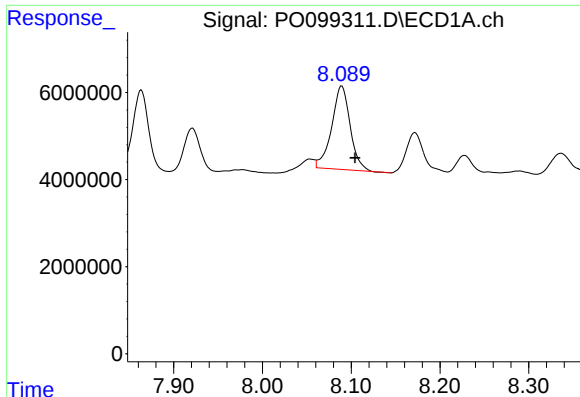
#33 AR-1260-3

R.T.: 7.863 min
Delta R.T.: -0.014 min
Response: 24058515
Conc: 440.53 ng/ml



#33 AR-1260-3

R.T.: 6.521 min
Delta R.T.: -0.015 min
Response: 18503037
Conc: 489.33 ng/ml m



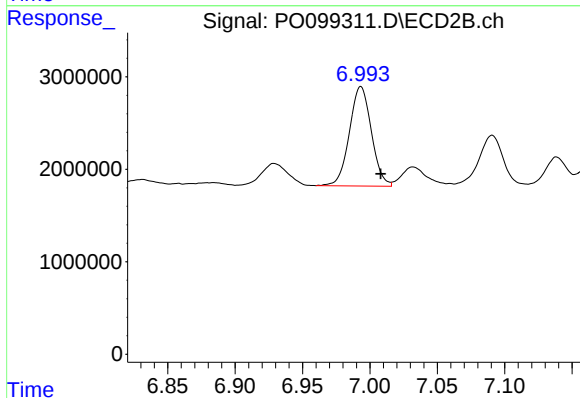
#34 AR-1260-4

R.T.: 8.089 min
Delta R.T.: -0.015 min
Response: 27734351
Conc: 442.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z-7(0-5)MS

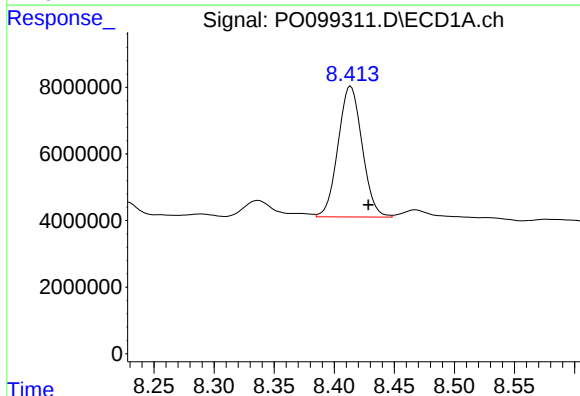
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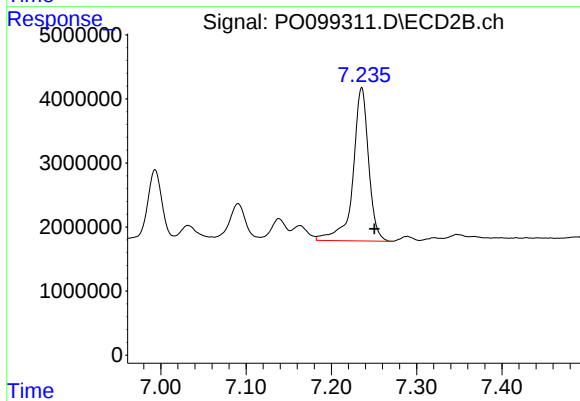
#34 AR-1260-4

R.T.: 6.993 min
Delta R.T.: -0.015 min
Response: 12235916
Conc: 423.44 ng/ml



#35 AR-1260-5

R.T.: 8.414 min
Delta R.T.: -0.015 min
Response: 54696037
Conc: 511.10 ng/ml



#35 AR-1260-5

R.T.: 7.236 min
Delta R.T.: -0.015 min
Response: 30476229
Conc: 506.42 ng/ml