

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR113021\
 Data File : PR052785.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2021 03:45
 Operator : AJ\MA
 Sample : M4068-09
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 MDL-WATER-03-QT4-2021

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/01/2021
 Supervised By :mohammad ahmed 12/02/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 04:41:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 29 22:45:34 2021
 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...	4.683	3.852	59154118	44901489	17.946	16.444
2) SA Decachlor...	10.612	8.853	65556535	58591636	20.228	18.126
Target Compounds						
3) L1 AR-1016-1	5.870	4.932	2591109	2081218	20.963	21.415
4) L1 AR-1016-2	5.892	4.949	4111739	2833457	23.745	19.540
5) L1 AR-1016-3	5.957	5.125	2225987	1830625	20.522	23.656
6) L1 AR-1016-4	6.059	5.168	1815442	1968111	20.511	31.078 #
7) L1 AR-1016-5	6.352	5.378	1887580	1701788	20.942	21.015
31) L7 AR-1260-1	7.479	6.403	3918325	3068309	25.231	21.559
32) L7 AR-1260-2	7.733	6.588	5804991	3953064	31.110	22.770 #
33) L7 AR-1260-3	8.092	6.741	3881103	3392235	26.484	20.105m
34) L7 AR-1260-4	8.335	7.210	4451631	3042585	26.119	20.032
35) L7 AR-1260-5	8.672	7.448	7633257	7746797	22.986	21.148

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

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Misc : AR1660 MDL 25 PPB
ALS Vial : 49 Sample Multiplier: 1

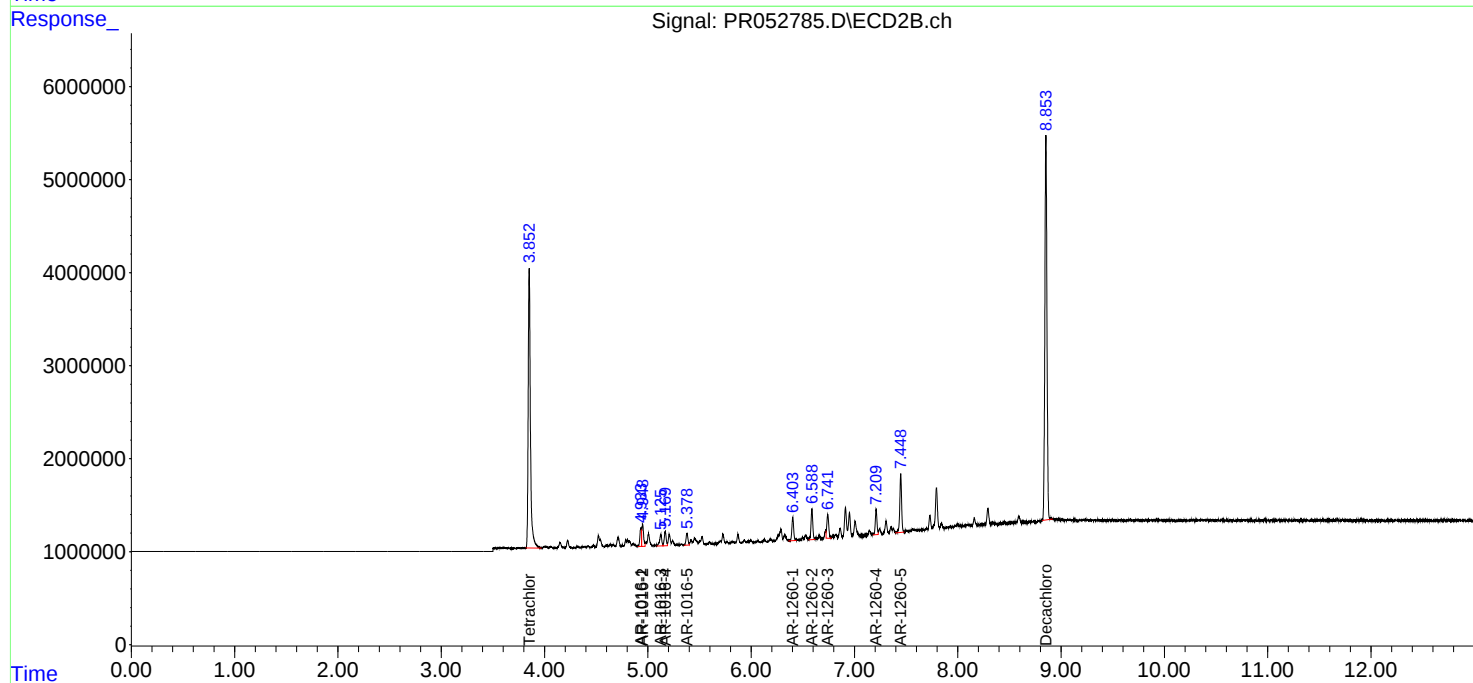
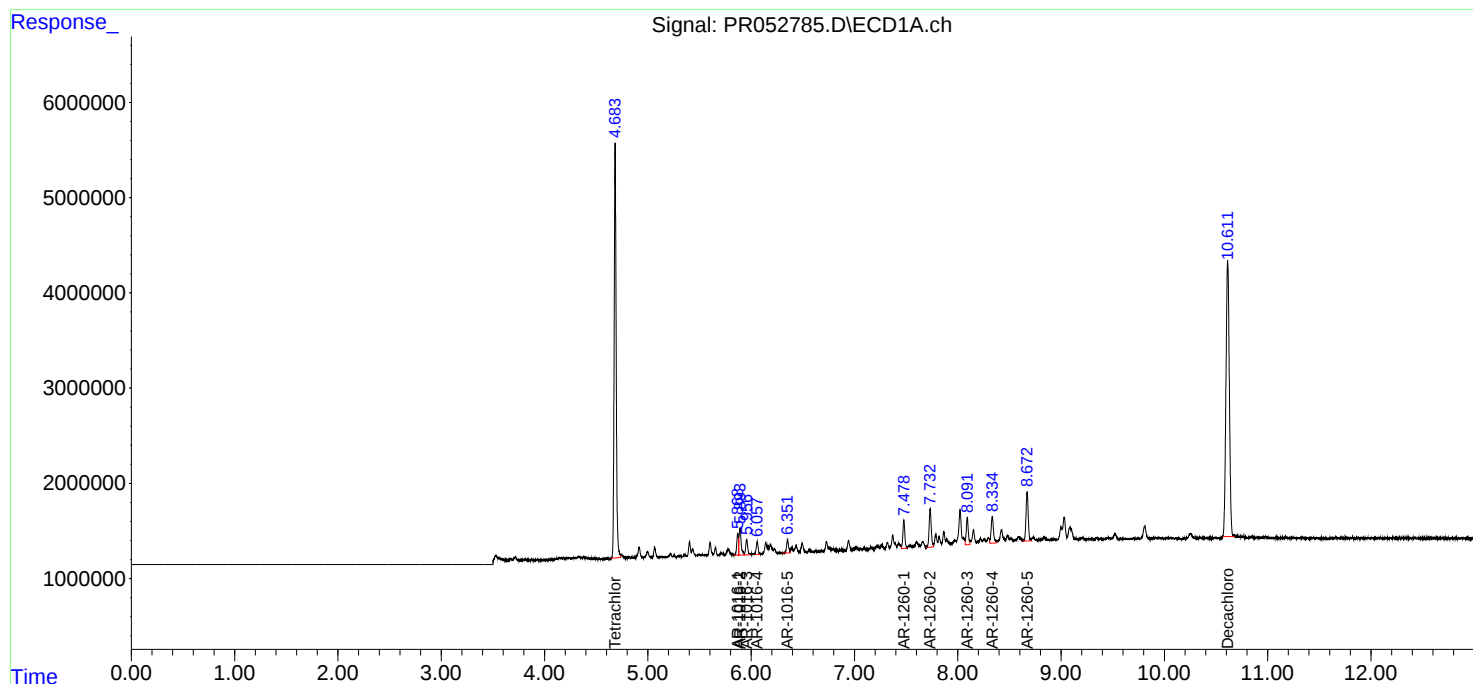
Instrument :
ECD_R
ClientSampleId :
MDL-WATER-03-QT4-2021

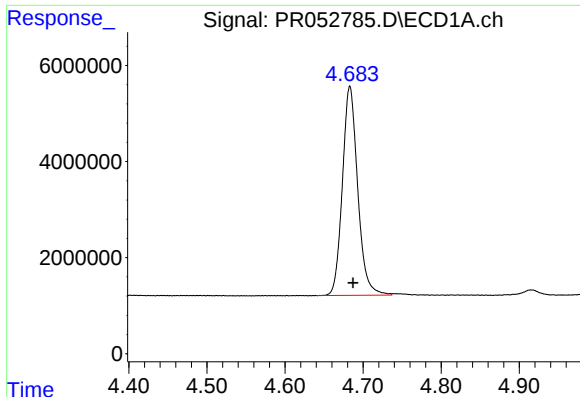
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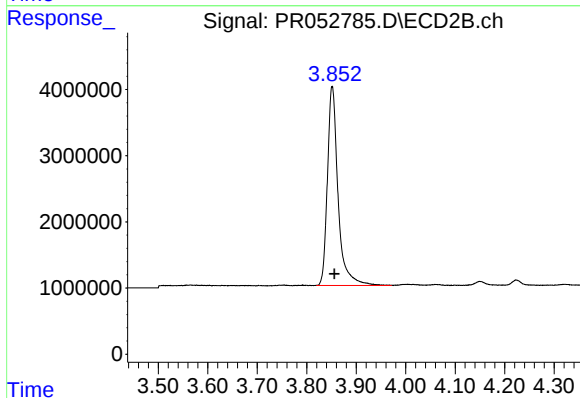
#1 Tetrachloro-m-xylene

R.T.: 4.683 min
Delta R.T.: -0.004 min
Response: 59154118
Conc: 17.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-WATER-03-QT4-2021

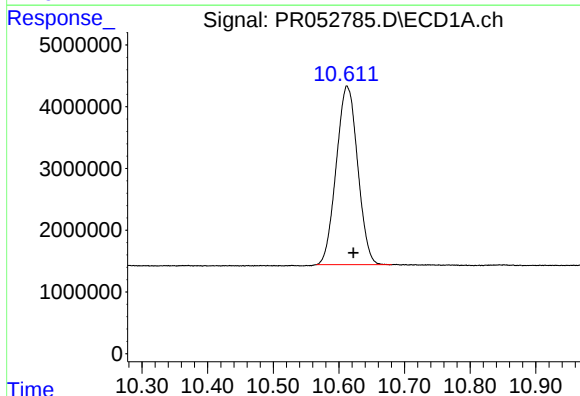
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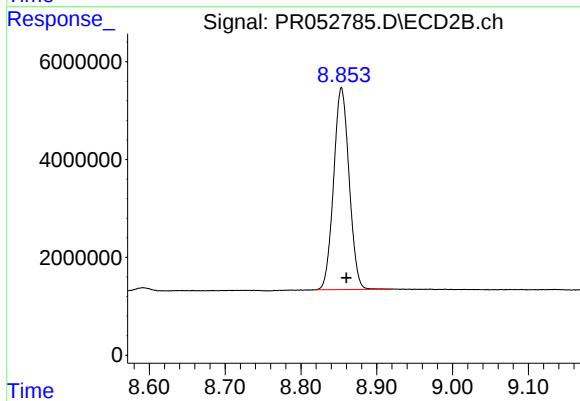
#1 Tetrachloro-m-xylene

R.T.: 3.852 min
Delta R.T.: -0.005 min
Response: 44901489
Conc: 16.44 ng/ml



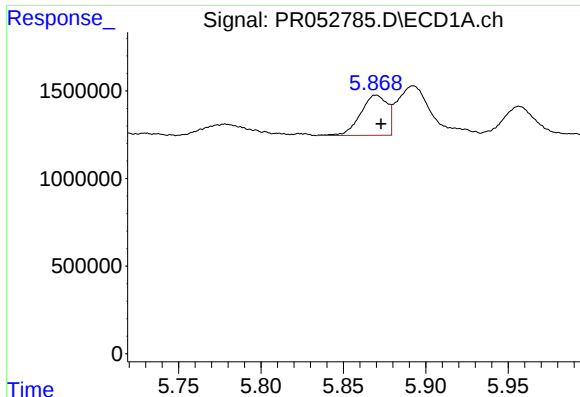
#2 Decachlorobiphenyl

R.T.: 10.612 min
Delta R.T.: -0.010 min
Response: 65556535
Conc: 20.23 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.853 min
Delta R.T.: -0.007 min
Response: 58591636
Conc: 18.13 ng/ml



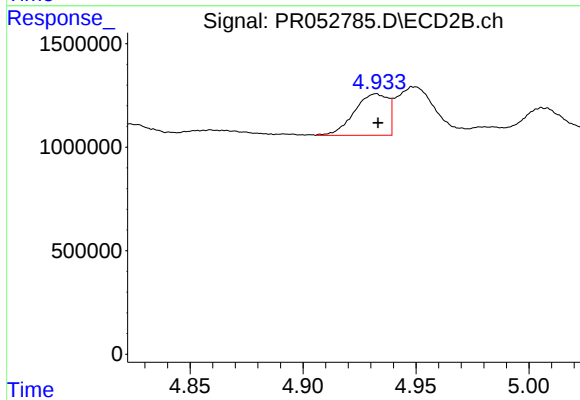
#3 AR-1016-1

R.T.: 5.870 min
Delta R.T.: -0.003 min
Response: 2591109
Conc: 20.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
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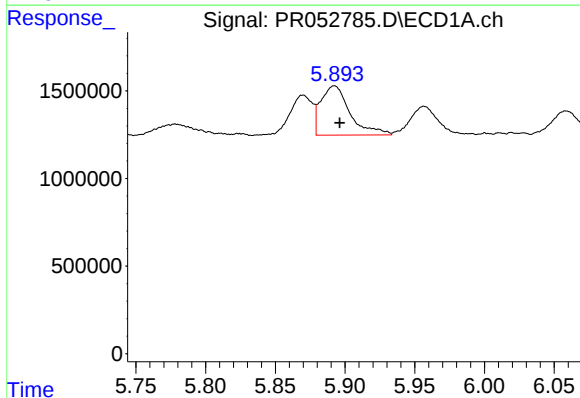
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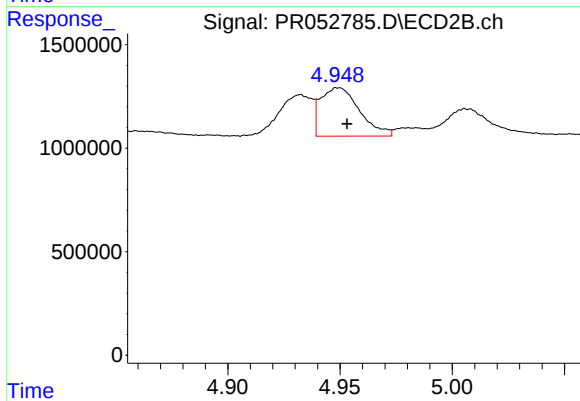
#3 AR-1016-1

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 2081218
Conc: 21.42 ng/ml



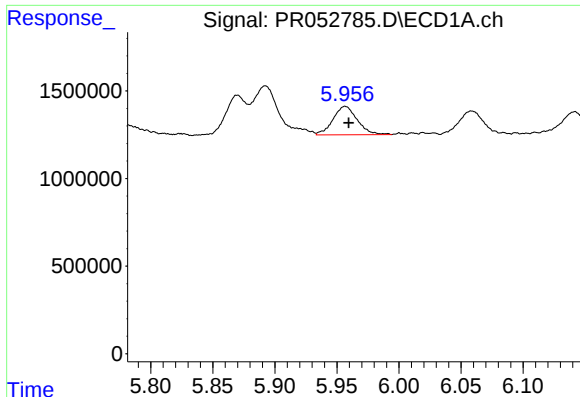
#4 AR-1016-2

R.T.: 5.892 min
Delta R.T.: -0.004 min
Response: 4111739
Conc: 23.75 ng/ml



#4 AR-1016-2

R.T.: 4.949 min
Delta R.T.: -0.004 min
Response: 2833457
Conc: 19.54 ng/ml



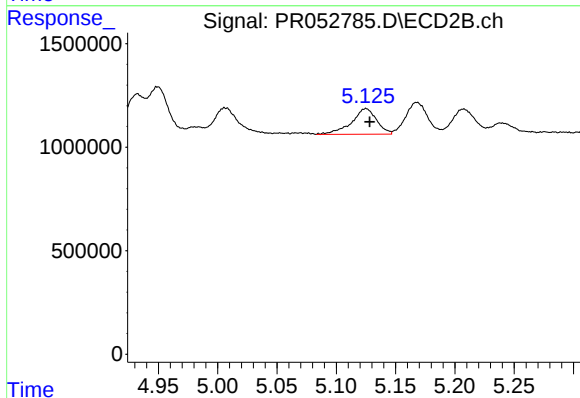
#5 AR-1016-3

R.T.: 5.957 min
Delta R.T.: -0.003 min
Response: 2225987
Conc: 20.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
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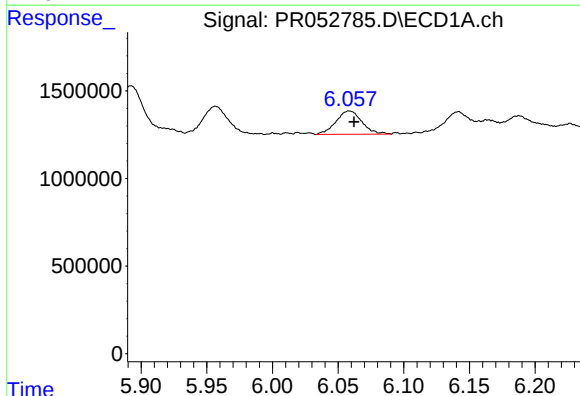
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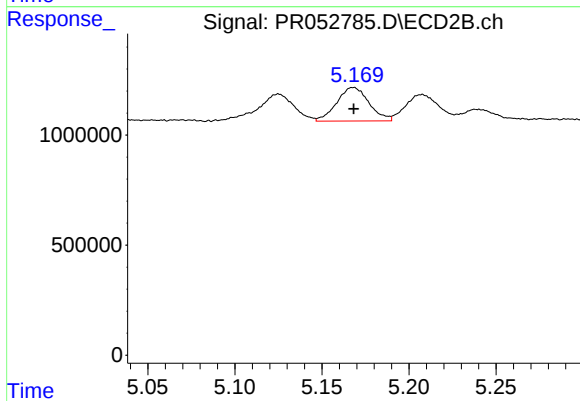
#5 AR-1016-3

R.T.: 5.125 min
Delta R.T.: -0.003 min
Response: 1830625
Conc: 23.66 ng/ml



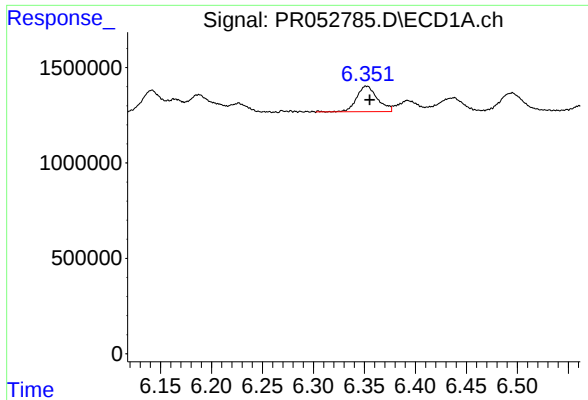
#6 AR-1016-4

R.T.: 6.059 min
Delta R.T.: -0.004 min
Response: 1815442
Conc: 20.51 ng/ml



#6 AR-1016-4

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 1968111
Conc: 31.08 ng/ml



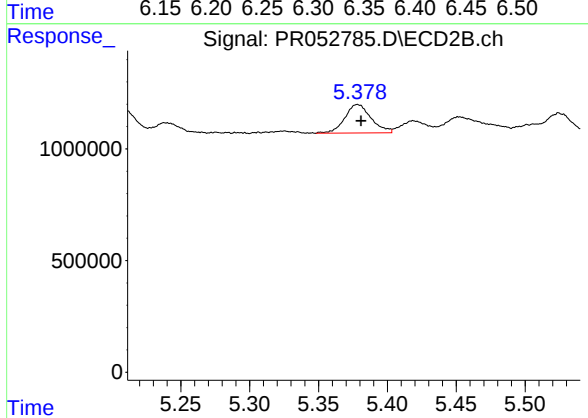
#7 AR-1016-5

R.T.: 6.352 min
Delta R.T.: -0.003 min
Response: 1887580
Conc: 20.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-WATER-03-QT4-2021

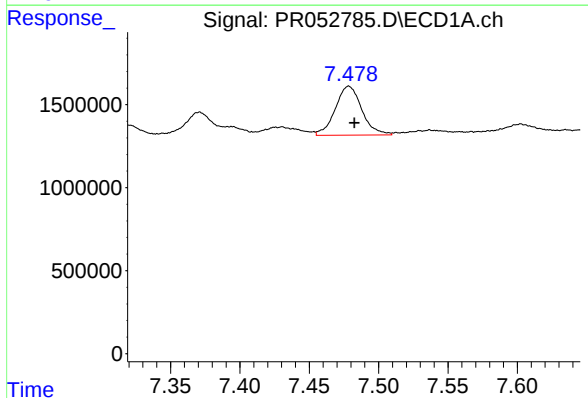
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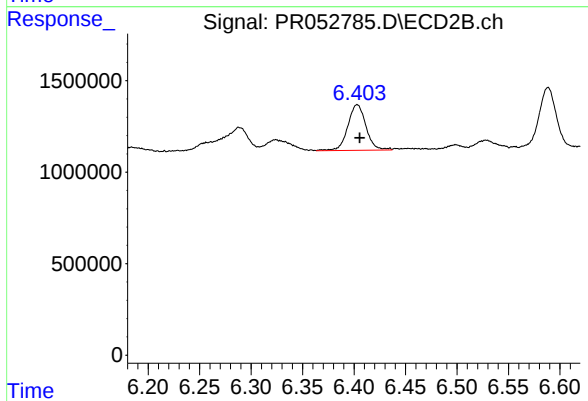
#7 AR-1016-5

R.T.: 5.378 min
Delta R.T.: -0.002 min
Response: 1701788
Conc: 21.02 ng/ml



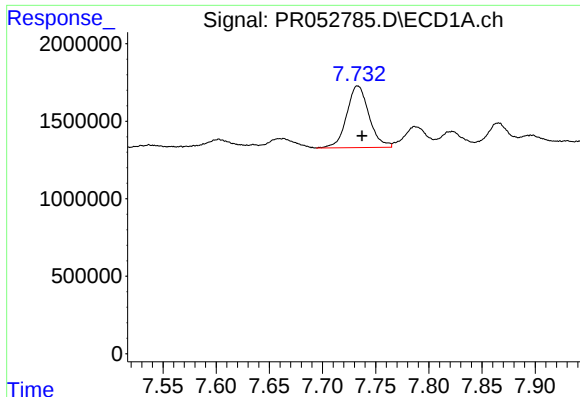
#31 AR-1260-1

R.T.: 7.479 min
Delta R.T.: -0.004 min
Response: 3918325
Conc: 25.23 ng/ml



#31 AR-1260-1

R.T.: 6.403 min
Delta R.T.: -0.002 min
Response: 3068309
Conc: 21.56 ng/ml



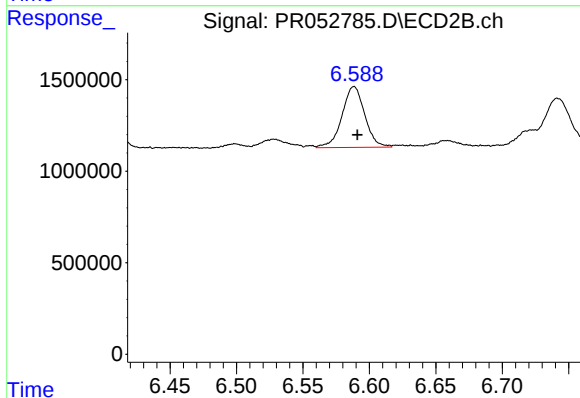
#32 AR-1260-2

R.T.: 7.733 min
Delta R.T.: -0.004 min
Response: 5804991
Conc: 31.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
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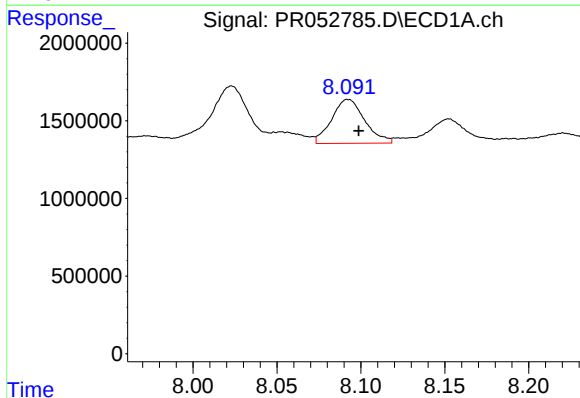
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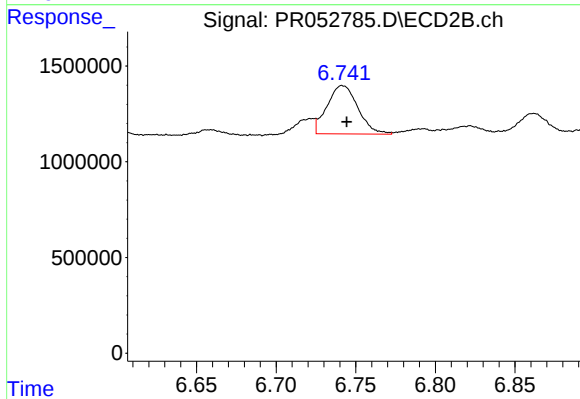
#32 AR-1260-2

R.T.: 6.588 min
Delta R.T.: -0.003 min
Response: 3953064
Conc: 22.77 ng/ml



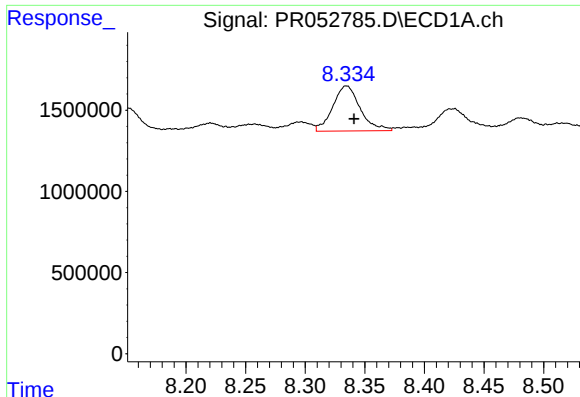
#33 AR-1260-3

R.T.: 8.092 min
Delta R.T.: -0.006 min
Response: 3881103
Conc: 26.48 ng/ml



#33 AR-1260-3

R.T.: 6.741 min
Delta R.T.: -0.003 min
Response: 3392235
Conc: 20.11 ng/ml m



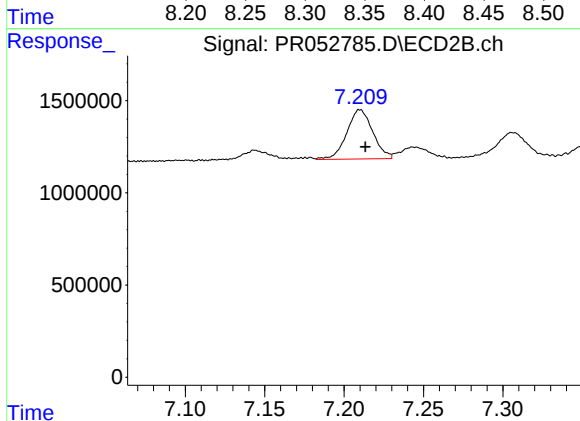
#34 AR-1260-4

R.T.: 8.335 min
Delta R.T.: -0.006 min
Response: 4451631
Conc: 26.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
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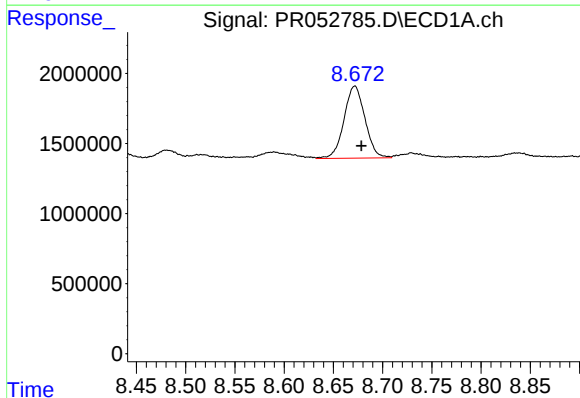
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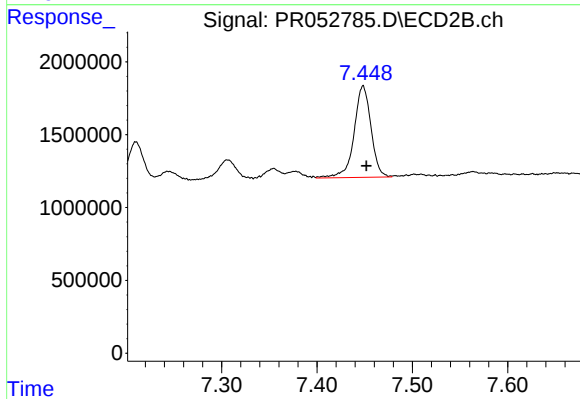
#34 AR-1260-4

R.T.: 7.210 min
Delta R.T.: -0.003 min
Response: 3042585
Conc: 20.03 ng/ml



#35 AR-1260-5

R.T.: 8.672 min
Delta R.T.: -0.007 min
Response: 7633257
Conc: 22.99 ng/ml



#35 AR-1260-5

R.T.: 7.448 min
Delta R.T.: -0.004 min
Response: 7746797
Conc: 21.15 ng/ml