

Data Path : P:\HPCHEM1\ECD\_0\Data\P0042818\  
 Data File : P0044158.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 27 Apr 2018 17:22  
 Operator : SM/UA  
 Sample : J2548-02  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 OILY-DEBRIS-1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 28 01:21:53 2018  
 Quant Method : P:\HPCHEM1\ECD\_0\methods\P0042518.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 26 04:36:05 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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 |       |       |         |         |         |           |
| 2) SA Decachlor...          | 9.427 | 8.096 | 4753147 | 5221458 | 7.717   | 6.292     |
| Target Compounds            |       |       |         |         |         |           |
| 4) L1 AR-1016-2             | 5.301 | 0.000 | 489037  | 0       | 26.403  | N.D. #    |
| 5) L1 AR-1016-3             | 5.353 | 0.000 | 735536  | 0       | 49.475  | N.D. #    |
| 6) L1 AR-1016-4             | 5.811 | 0.000 | 814801  | 0       | 55.630  | N.D. #    |
| 7) L1 AR-1016-5             | 5.943 | 0.000 | 394894  | 0       | 32.636  | N.D. #    |
| 10) L2 AR-1221-3            | 4.408 | 0.000 | 665681  | 0       | 27.976  | N.D. #    |
| 11) L3 AR-1232-1            | 4.408 | 0.000 | 665681  | 0       | 59.892  | N.D. #    |
| 12) L3 AR-1232-2            | 5.165 | 4.276 | 6467346 | 3372126 | 854.175 | 119.881 # |
| 13) L3 AR-1232-3            | 5.165 | 0.000 | 6467346 | 0       | 511.251 | N.D. #    |
| 14) L3 AR-1232-4            | 5.301 | 0.000 | 489037  | 0       | 62.001  | N.D. #    |
| 15) L3 AR-1232-5            | 5.353 | 0.000 | 735536  | 0       | 118.062 | N.D. #    |
| 17) L4 AR-1242-2            | 5.165 | 4.276 | 6467346 | 3372126 | 319.260 | 74.821 #  |
| 18) L4 AR-1242-3            | 5.353 | 0.000 | 735536  | 0       | 74.159  | N.D. #    |
| 19) L4 AR-1242-4            | 5.586 | 0.000 | 2183784 | 0       | 242.323 | N.D. #    |
| 20) L4 AR-1242-5            | 5.811 | 0.000 | 814801  | 0       | 79.544  | N.D. #    |
| 21) L5 AR-1248-1            | 5.586 | 0.000 | 2183784 | 0       | 135.797 | N.D. #    |
| 22) L5 AR-1248-2            | 5.811 | 4.867 | 814801  | 234762  | 56.918  | 10.963 #  |
| 23) L5 AR-1248-3            | 6.084 | 0.000 | 987360  | 0       | 52.872  | N.D. #    |
| 24) L5 AR-1248-4            | 6.084 | 0.000 | 987360  | 0       | 52.314  | N.D. #    |
| 25) L5 AR-1248-5            | 6.243 | 0.000 | 262375  | 0       | 21.326  | N.D. #    |
| 26) L6 AR-1254-1            | 6.177 | 0.000 | 231094  | 0       | 6.649   | N.D. #    |
| 28) L6 AR-1254-3            | 6.616 | 0.000 | 707772  | 0       | 18.762  | N.D. #    |
| 30) L6 AR-1254-5            | 7.116 | 6.170 | 450267  | -148395 | 19.840  | N.D. #    |
| 31) L7 AR-1260-1            | 0.000 | 5.747 | 0       | 365283  | N.D.    | 9.148 #   |
| 32) L7 AR-1260-2            | 0.000 | 5.965 | 0       | 452886  | N.D.    | 8.421 #   |
| 33) L7 AR-1260-3            | 7.327 | 6.280 | 296121  | 517356  | 10.484  | 9.468 #   |
| 34) L7 AR-1260-4            | 7.910 | 6.832 | 262746  | 287376  | 3.988   | 2.620 #   |
| 35) L7 AR-1260-5            | 8.205 | 7.160 | 986915  | 297446  | 24.378  | 3.855 #   |
| 36) L8 AR-1262-1            | 0.000 | 5.965 | 0       | 452886  | N.D.    | 10.677 #  |
| 38) L8 AR-1262-3            | 7.236 | 6.280 | 262420  | 517356  | 10.200  | 7.567 #   |
| 39) L8 AR-1262-4            | 0.000 | 6.517 | 0       | 468413  | N.D.    | 8.422 #   |
| 40) L8 AR-1262-5            | 7.910 | 6.832 | 262746  | 287376  | 3.310   | 2.224 #   |
| 42) L9 AR-1268-2            | 8.205 | 7.160 | 986915  | 297446  | 13.824  | 2.521 #   |
| 43) L9 AR-1268-3            | 8.391 | 0.000 | 306114  | 0       | 4.864   | N.D. #    |
| 44) L9 AR-1268-4            | 0.000 | 7.594 | 0       | 411182  | N.D.    | 9.996 #   |
| 45) L9 AR-1268-5            | 0.000 | 7.851 | 0       | 115871  | N.D.    | 0.386 #   |
| -----                       |       |       |         |         |         |           |

Data Path : P:\HPCHEM1\ECD\_0\Data\P0042818\  
Data File : P0044158.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 27 Apr 2018 17:22  
Operator : SM/UA  
Sample : J2548-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
OILY-DEBRIS-1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 28 01:21:53 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\P0042518.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 26 04:36:05 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

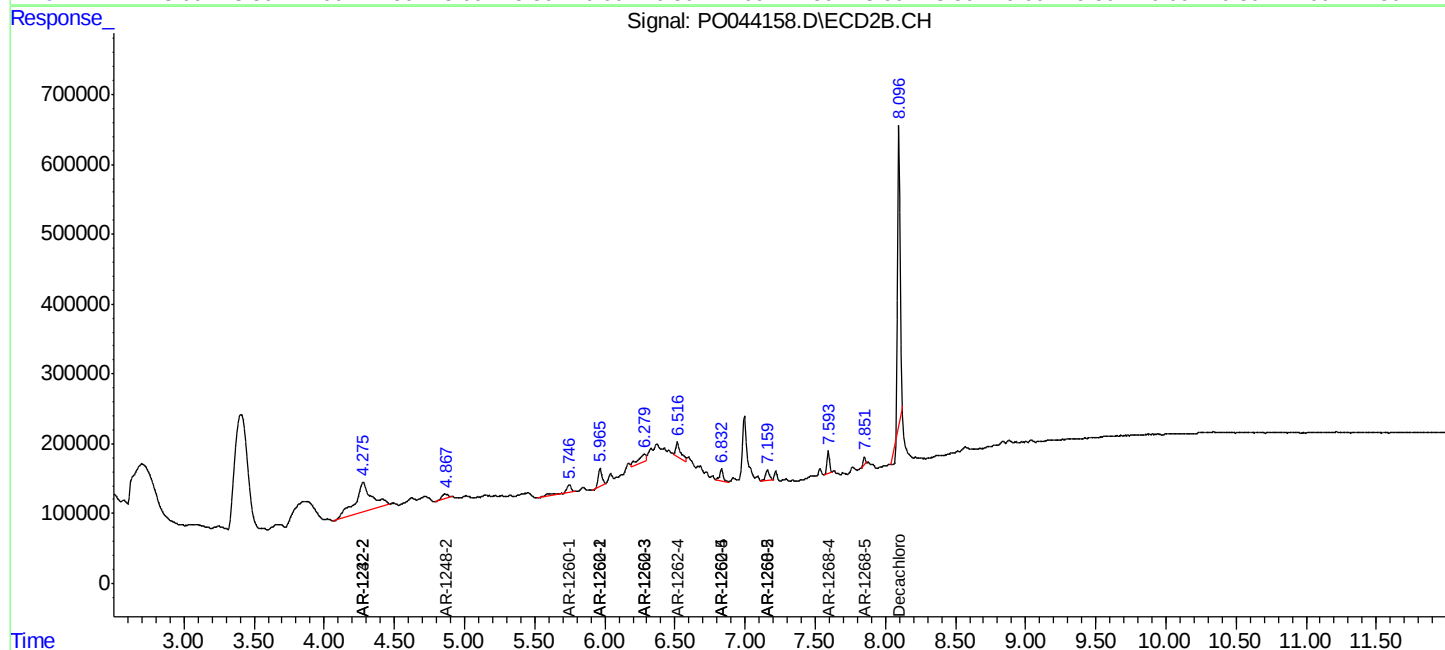
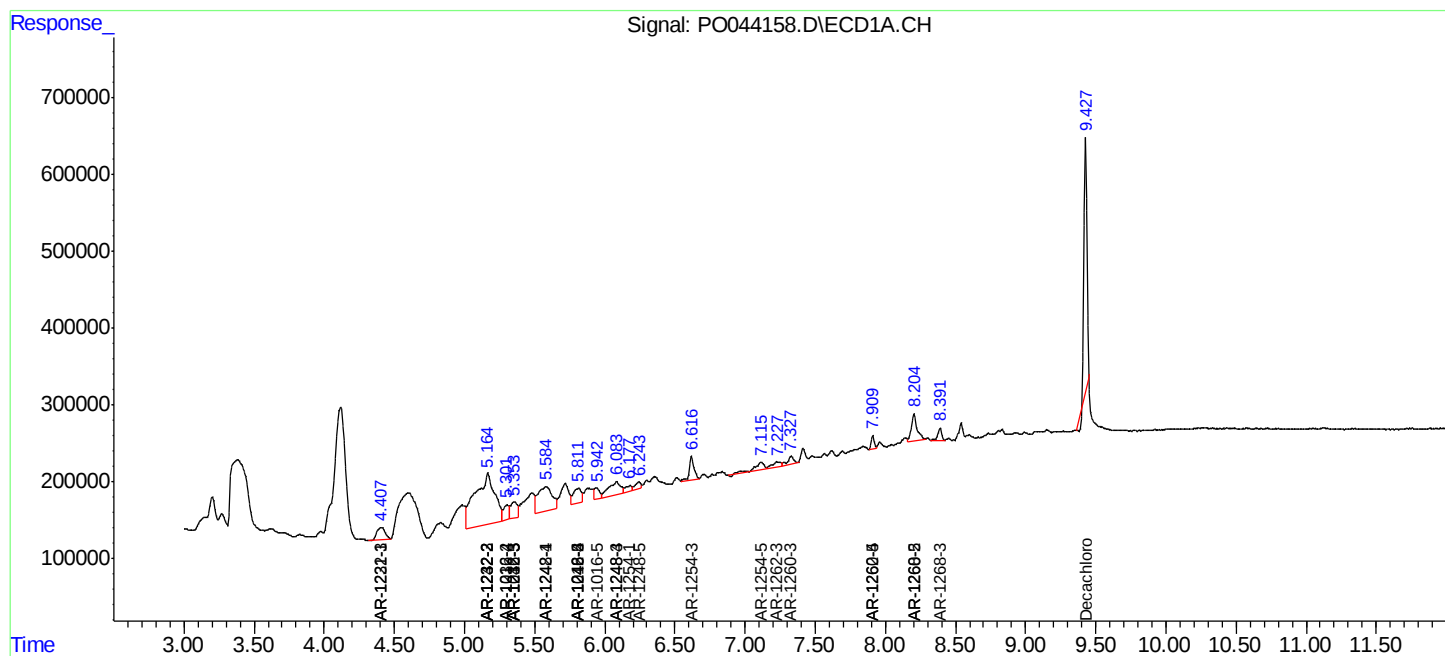
| Compound                                                              | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|-----------------------------------------------------------------------|------|------|--------|--------|-------|-------|
| -----                                                                 |      |      |        |        |       |       |
| (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int. |      |      |        |        |       |       |

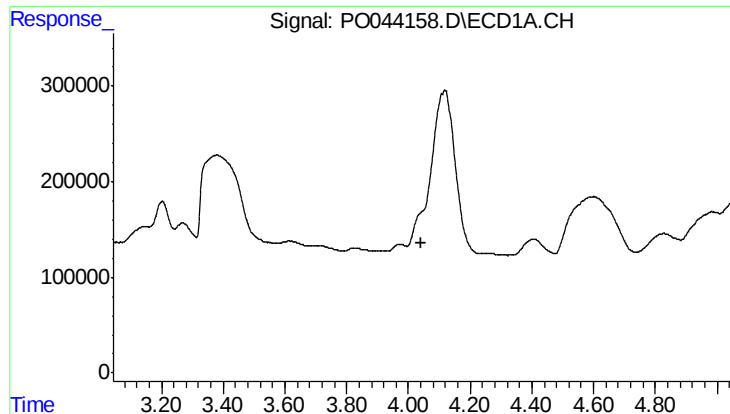
Data Path : P:\HPCHEM1\ECD\_0\Data\PO042818\  
Data File : PO044158.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 27 Apr 2018 17:22  
Operator : SM/UA  
Sample : J2548-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
OILY-DEBRIS-1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 28 01:21:53 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\PO042518.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 26 04:36:05 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

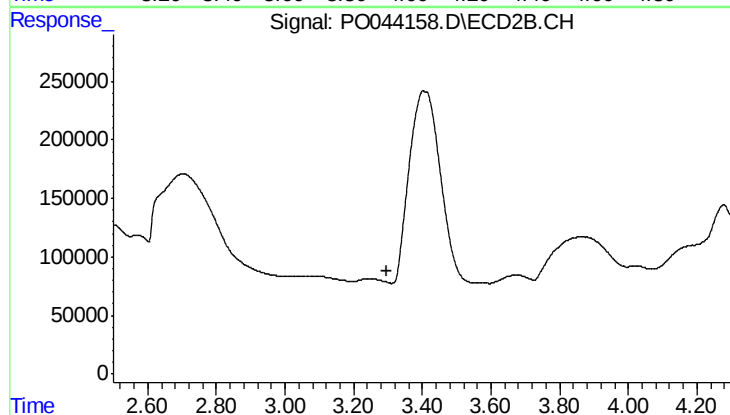




#1 Tetrachloro-m-xylene

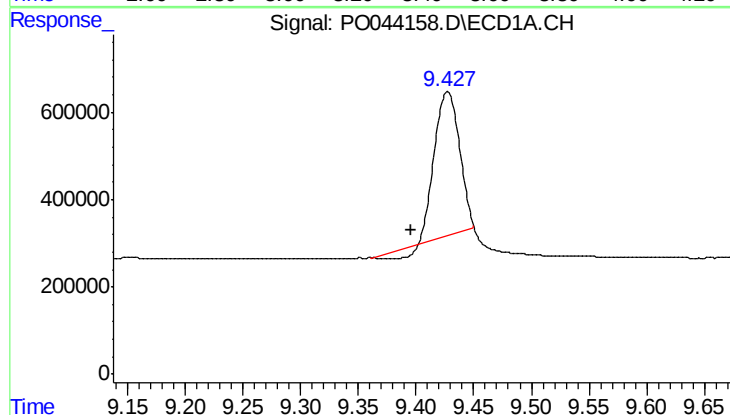
R.T.: 0.000 min  
Exp R.T.: 4.044 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
OILY-DEBRIS-1



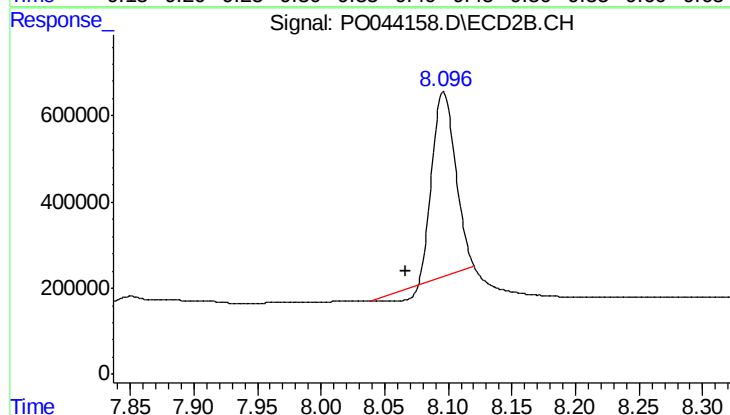
#1 Tetrachloro-m-xylene

R.T.: 0.000 min  
Exp R.T.: 3.298 min  
Response: 0  
Conc: N.D.



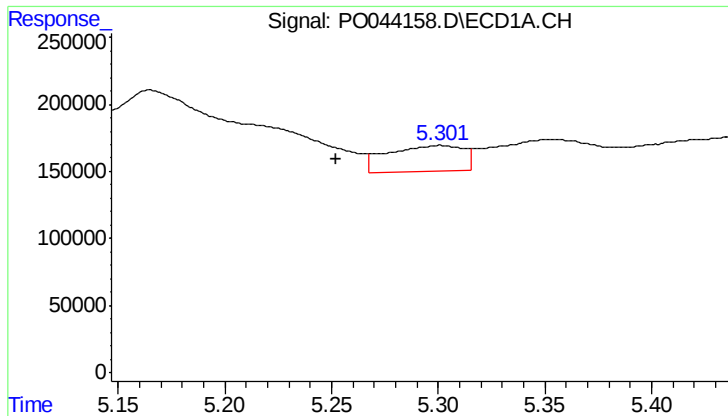
#2 Decachlorobiphenyl

R.T.: 9.427 min  
Delta R.T.: 0.032 min  
Response: 4753147  
Conc: 7.72 ng/ml



#2 Decachlorobiphenyl

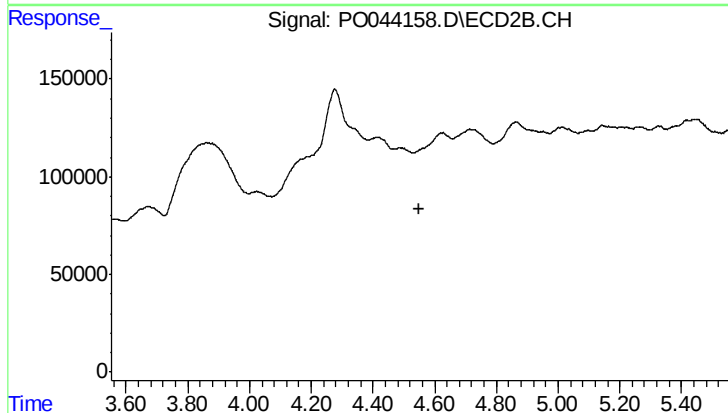
R.T.: 8.096 min  
Delta R.T.: 0.030 min  
Response: 5221458  
Conc: 6.29 ng/ml



#4 AR-1016-2

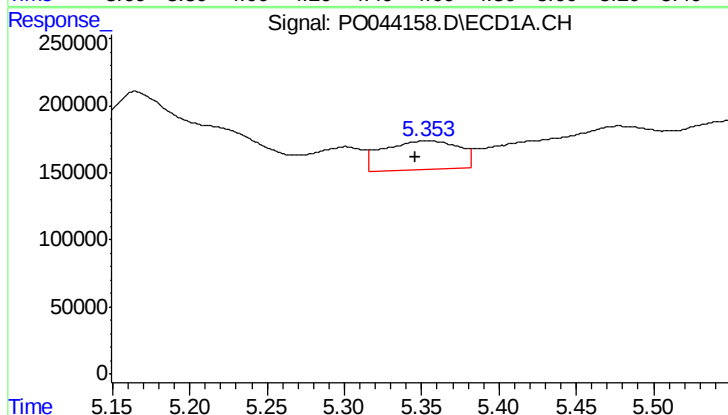
R.T.: 5.301 min  
Delta R.T.: 0.050 min  
Response: 489037  
Conc: 26.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OILY-DEBRIS-1



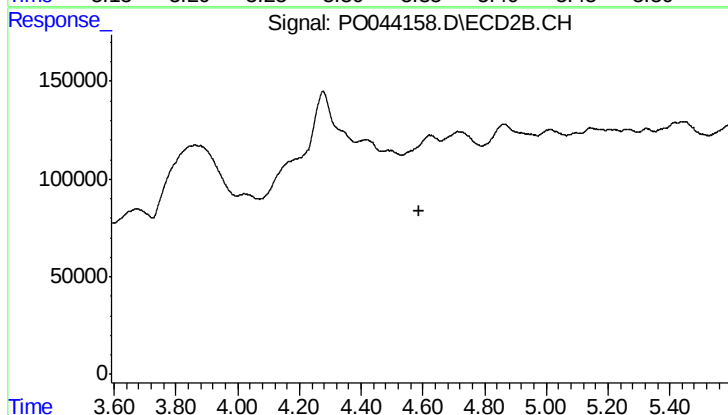
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 4.552 min  
Response: 0  
Conc: N.D.



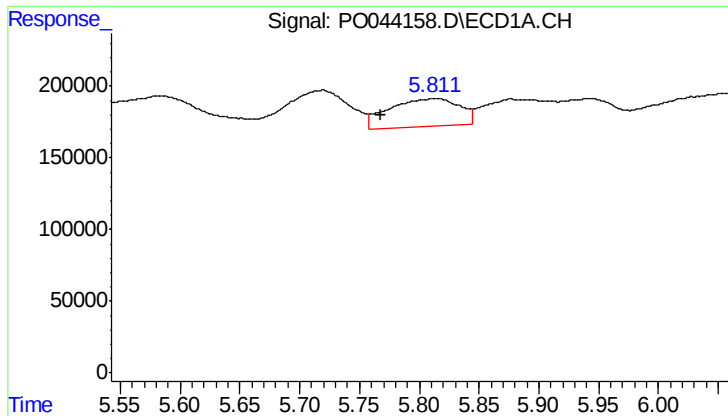
#5 AR-1016-3

R.T.: 5.353 min  
Delta R.T.: 0.007 min  
Response: 735536  
Conc: 49.47 ng/ml



#5 AR-1016-3

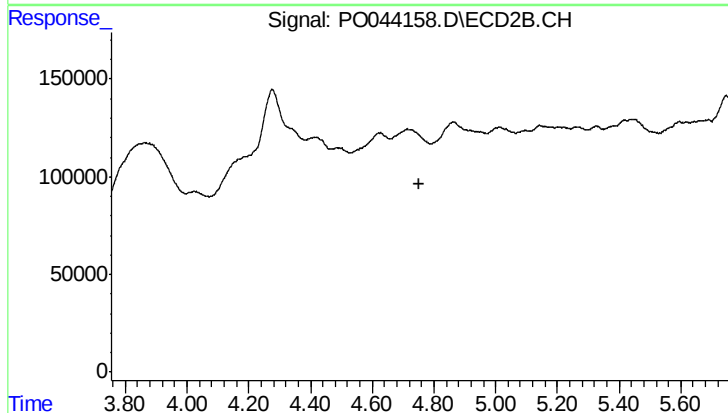
R.T.: 0.000 min  
Exp R.T.: 4.590 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

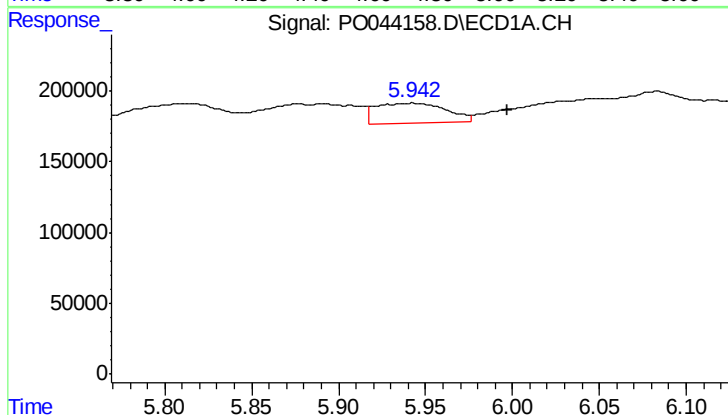
R.T.: 5.811 min  
Delta R.T.: 0.043 min  
Response: 814801  
Conc: 55.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OILY-DEBRIS-1



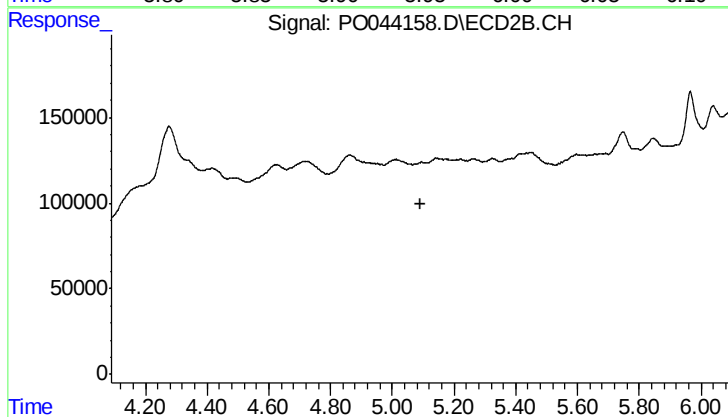
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 4.755 min  
Response: 0  
Conc: N.D.



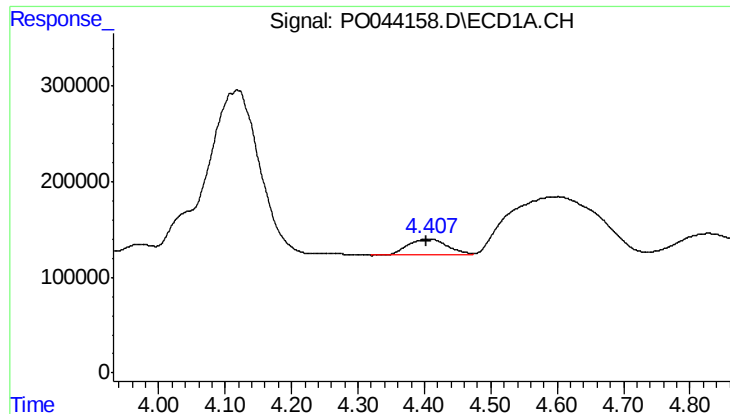
#7 AR-1016-5

R.T.: 5.943 min  
Delta R.T.: -0.055 min  
Response: 394894  
Conc: 32.64 ng/ml



#7 AR-1016-5

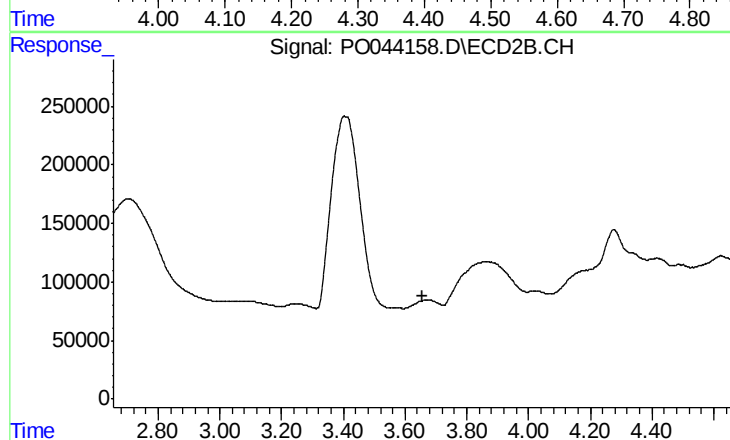
R.T.: 0.000 min  
Exp R.T.: 5.090 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

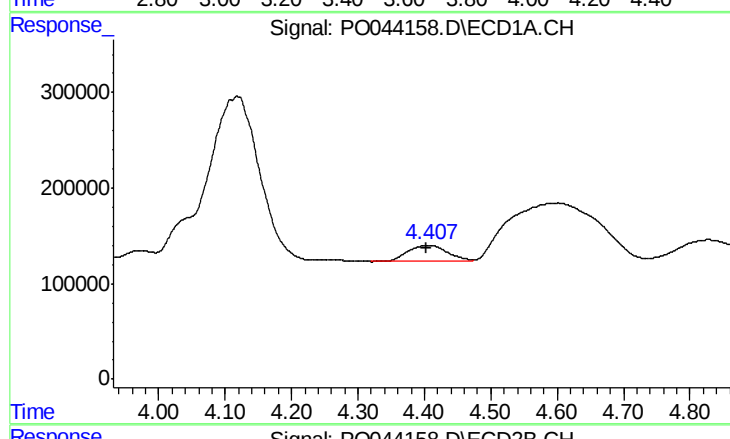
R.T.: 4.408 min  
Delta R.T.: 0.004 min  
Response: 665681  
Conc: 27.98 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OILY-DEBRIS-1



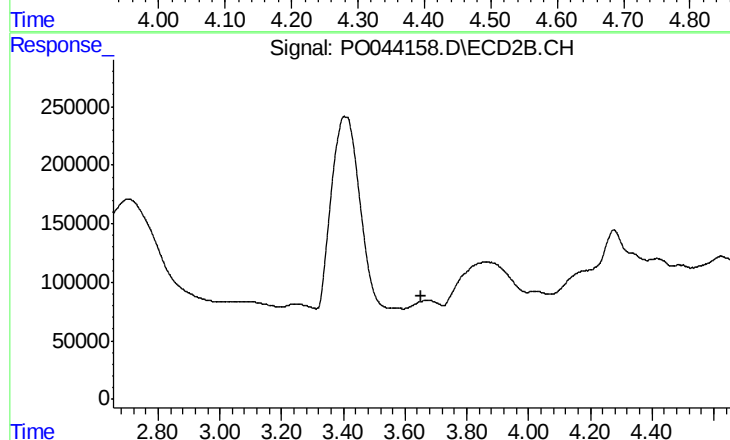
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T.: 3.655 min  
Response: 0  
Conc: N.D.



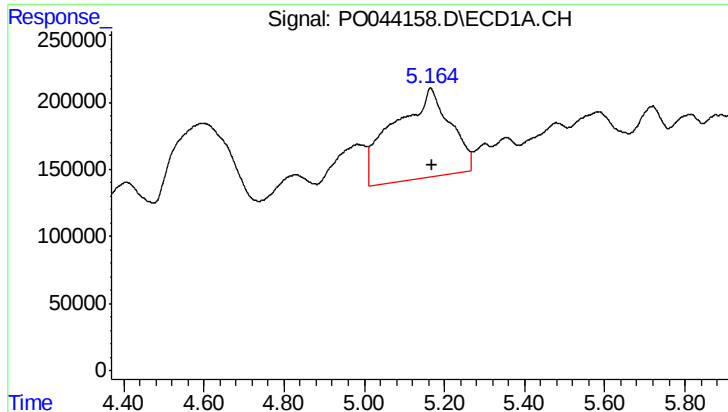
#11 AR-1232-1

R.T.: 4.408 min  
Delta R.T.: 0.004 min  
Response: 665681  
Conc: 59.89 ng/ml



#11 AR-1232-1

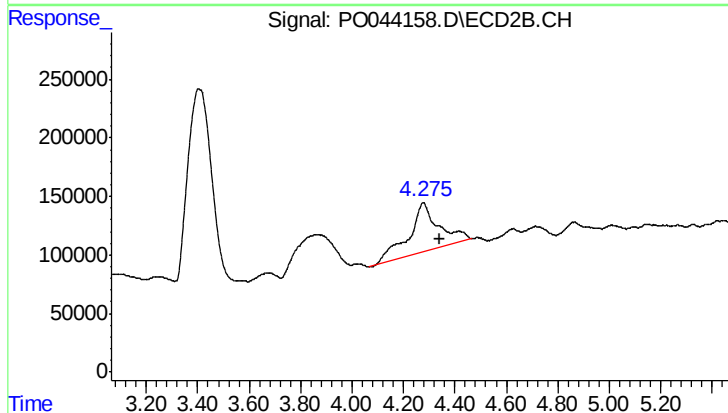
R.T.: 0.000 min  
Exp R.T.: 3.655 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

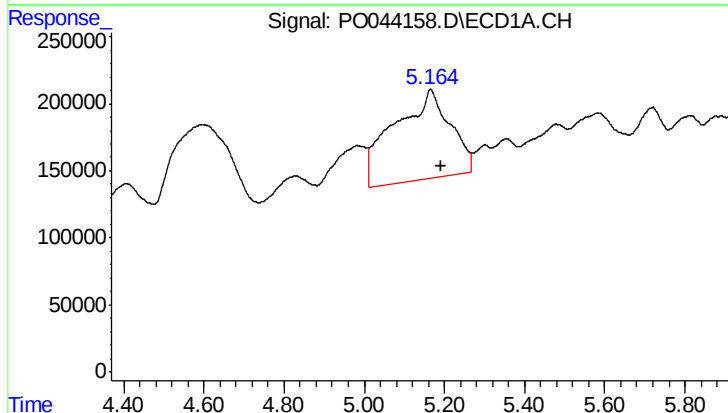
R.T.: 5.165 min  
Delta R.T.: -0.006 min  
Response: 6467346  
Conc: 854.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OILY-DEBRIS-1



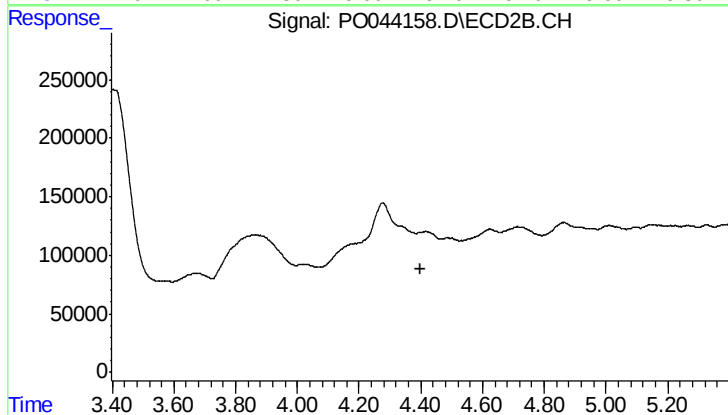
#12 AR-1232-2

R.T.: 4.276 min  
Delta R.T.: -0.066 min  
Response: 3372126  
Conc: 119.88 ng/ml



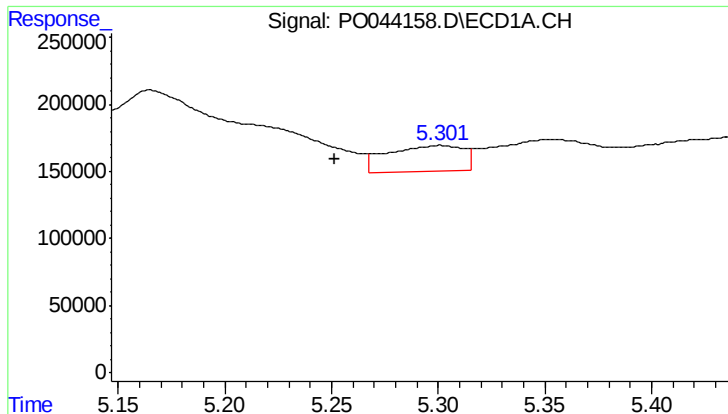
#13 AR-1232-3

R.T.: 5.165 min  
Delta R.T.: -0.026 min  
Response: 6467346  
Conc: 511.25 ng/ml



#13 AR-1232-3

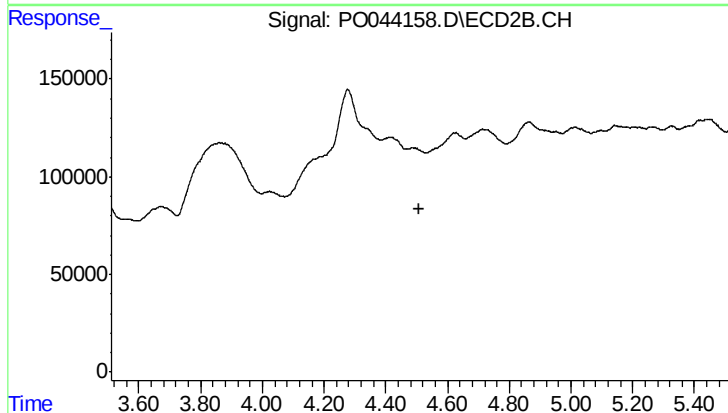
R.T.: 0.000 min  
Exp R.T.: 4.397 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

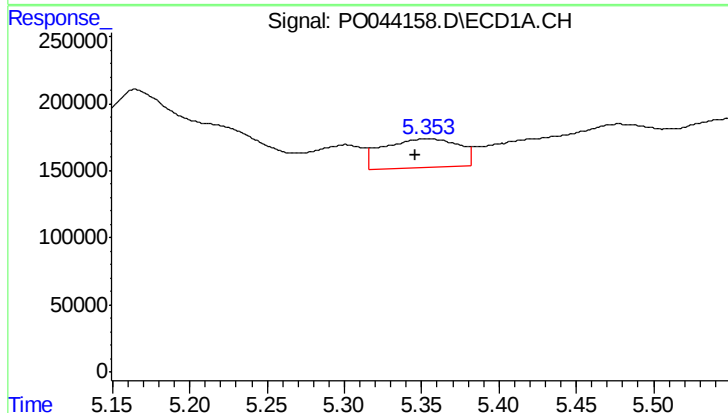
R.T.: 5.301 min  
Delta R.T.: 0.050 min  
Response: 489037  
Conc: 62.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OILY-DEBRIS-1



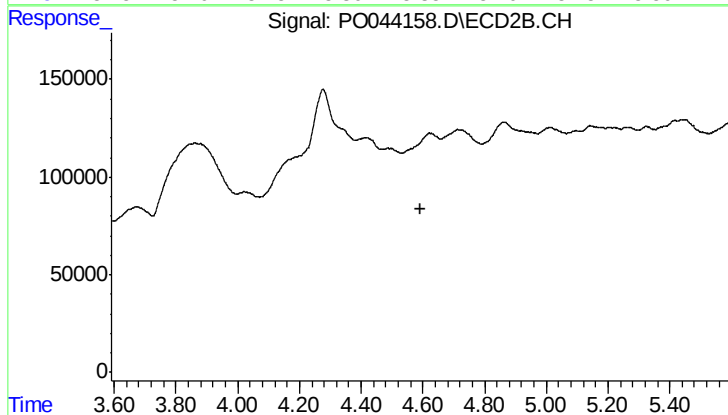
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 4.510 min  
Response: 0  
Conc: N.D.



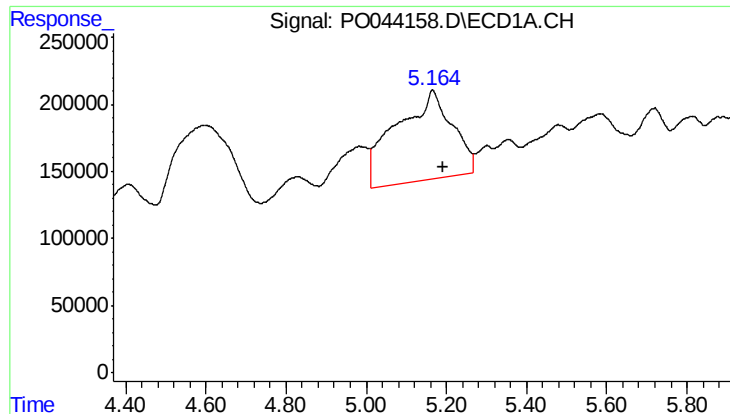
#15 AR-1232-5

R.T.: 5.353 min  
Delta R.T.: 0.007 min  
Response: 735536  
Conc: 118.06 ng/ml



#15 AR-1232-5

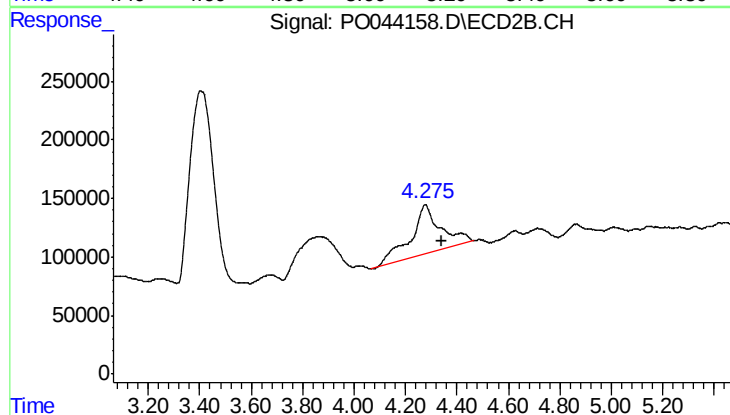
R.T.: 0.000 min  
Exp R.T.: 4.591 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

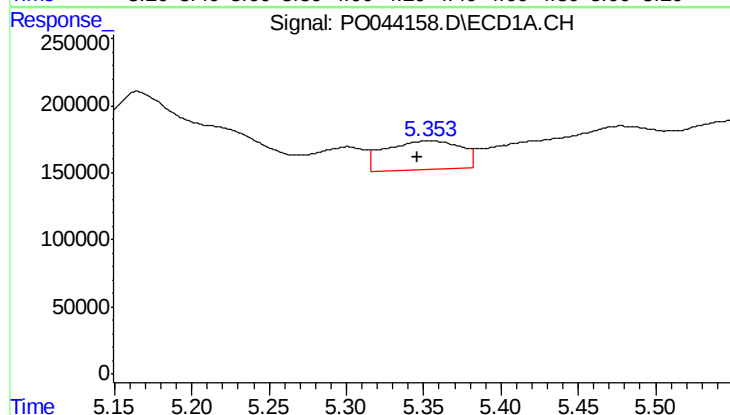
R.T.: 5.165 min  
Delta R.T.: -0.026 min  
Response: 6467346  
Conc: 319.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OILY-DEBRIS-1



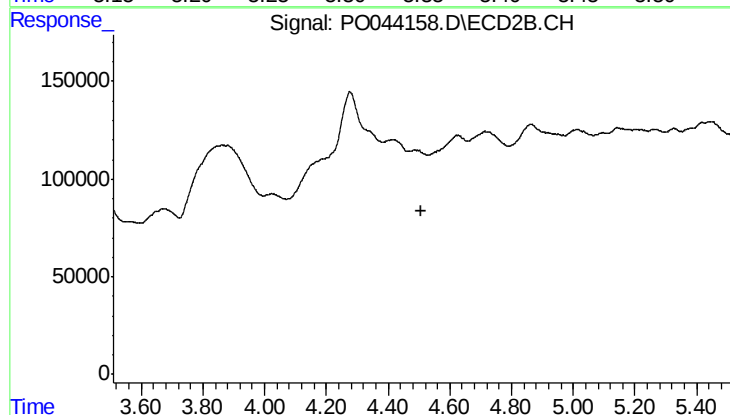
#17 AR-1242-2

R.T.: 4.276 min  
Delta R.T.: -0.065 min  
Response: 3372126  
Conc: 74.82 ng/ml



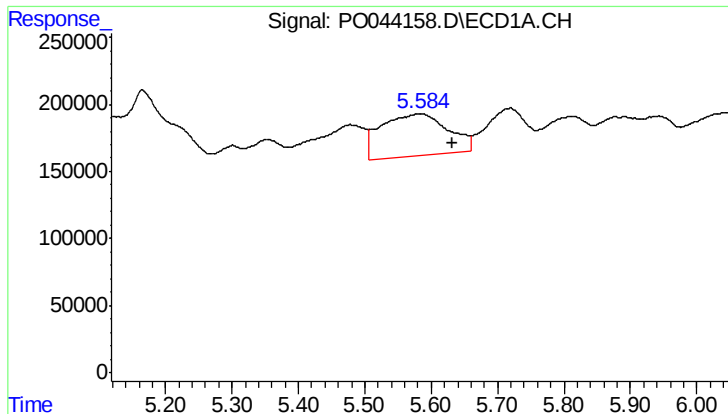
#18 AR-1242-3

R.T.: 5.353 min  
Delta R.T.: 0.008 min  
Response: 735536  
Conc: 74.16 ng/ml



#18 AR-1242-3

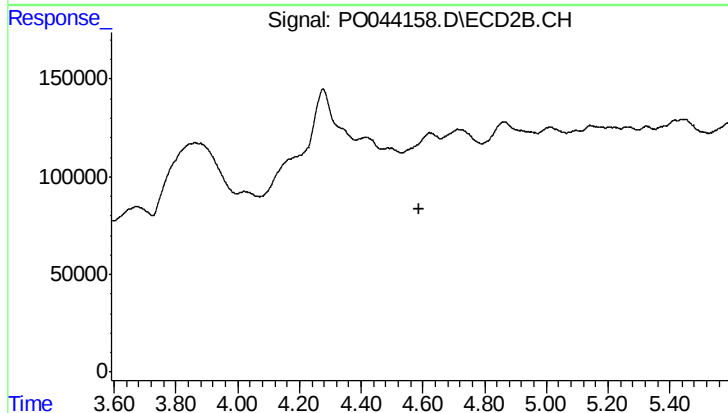
R.T.: 0.000 min  
Exp R.T.: 4.510 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

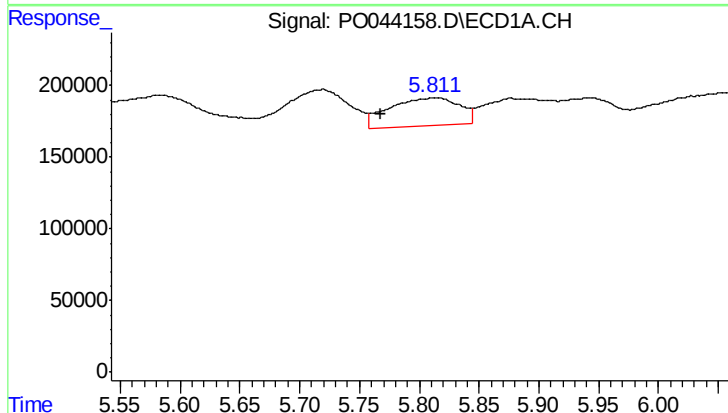
R.T.: 5.586 min  
Delta R.T.: -0.046 min  
Response: 2183784  
Conc: 242.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OILY-DEBRIS-1



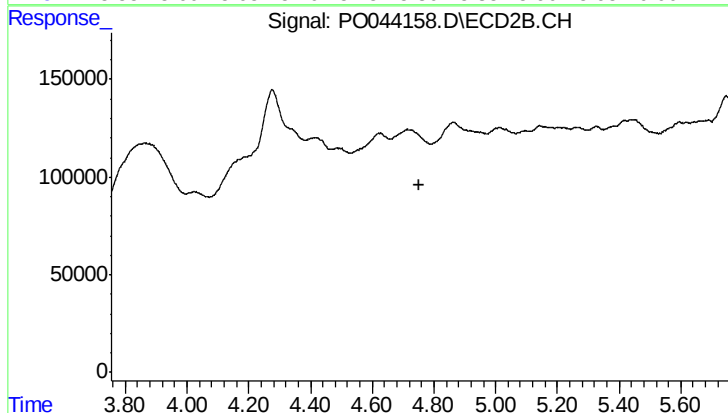
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 4.590 min  
Response: 0  
Conc: N.D.



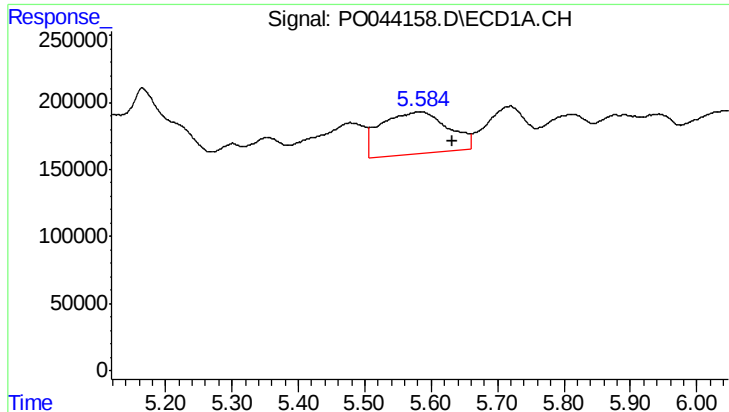
#20 AR-1242-5

R.T.: 5.811 min  
Delta R.T.: 0.043 min  
Response: 814801  
Conc: 79.54 ng/ml



#20 AR-1242-5

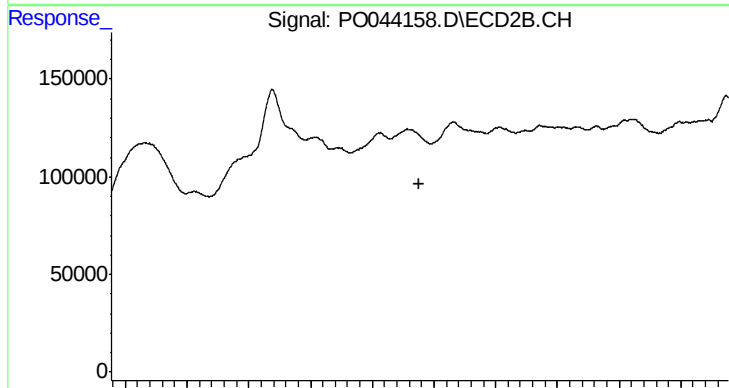
R.T.: 0.000 min  
Exp R.T.: 4.754 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

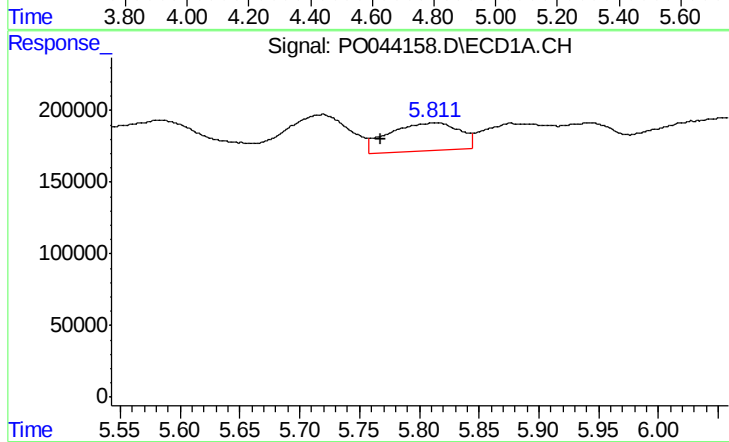
R.T.: 5.586 min  
Delta R.T.: -0.046 min  
Response: 2183784  
Conc: 135.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OILY-DEBRIS-1



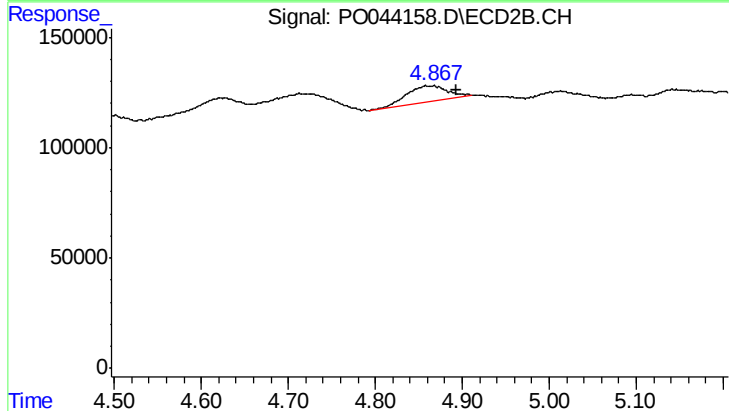
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T.: 4.754 min  
Response: 0  
Conc: N.D.



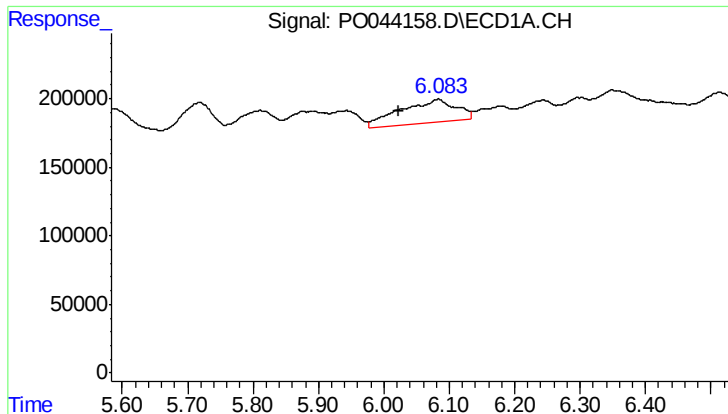
#22 AR-1248-2

R.T.: 5.811 min  
Delta R.T.: 0.043 min  
Response: 814801  
Conc: 56.92 ng/ml



#22 AR-1248-2

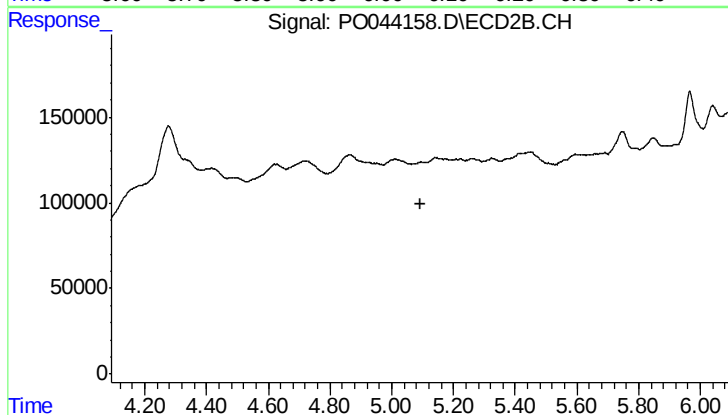
R.T.: 4.867 min  
Delta R.T.: -0.026 min  
Response: 234762  
Conc: 10.96 ng/ml



#23 AR-1248-3

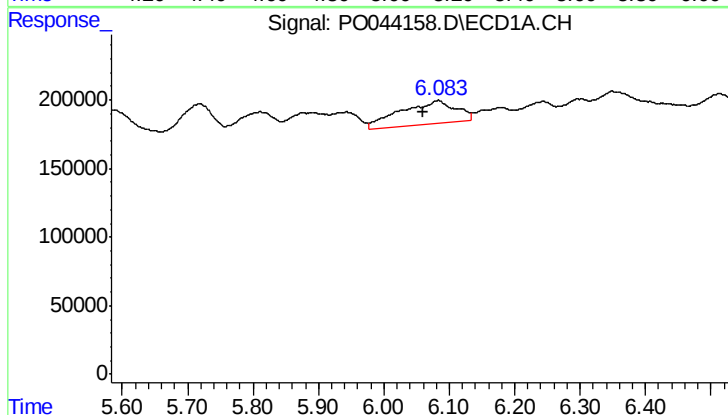
R.T.: 6.084 min  
Delta R.T.: 0.060 min  
Response: 987360  
Conc: 52.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OILY-DEBRIS-1



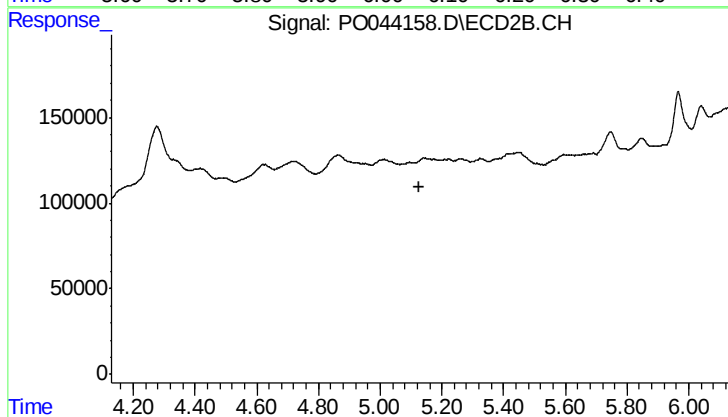
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 5.091 min  
Response: 0  
Conc: N.D.



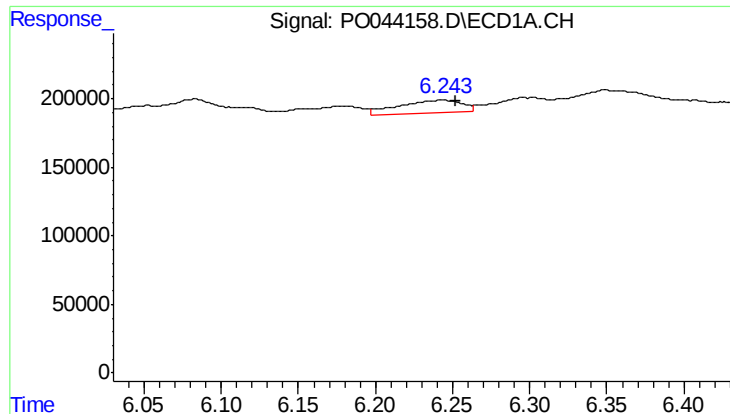
#24 AR-1248-4

R.T.: 6.084 min  
Delta R.T.: 0.024 min  
Response: 987360  
Conc: 52.31 ng/ml



#24 AR-1248-4

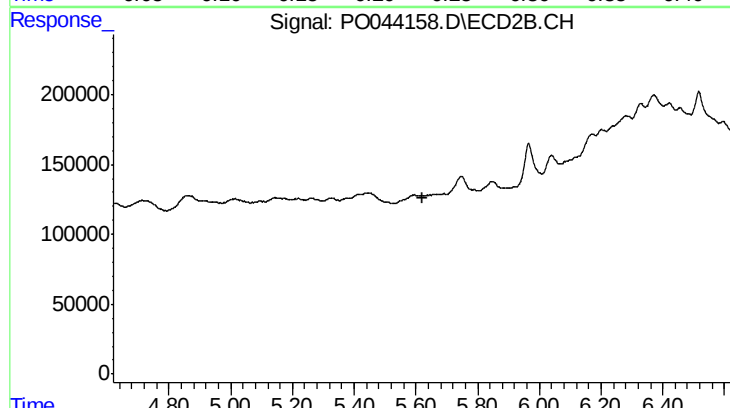
R.T.: 0.000 min  
Exp R.T.: 5.129 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

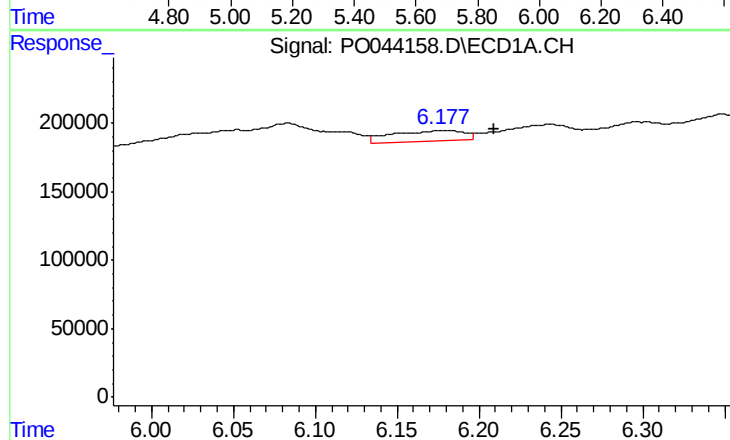
R.T.: 6.243 min  
Delta R.T.: -0.009 min  
Response: 262375  
Conc: 21.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OILY-DEBRIS-1



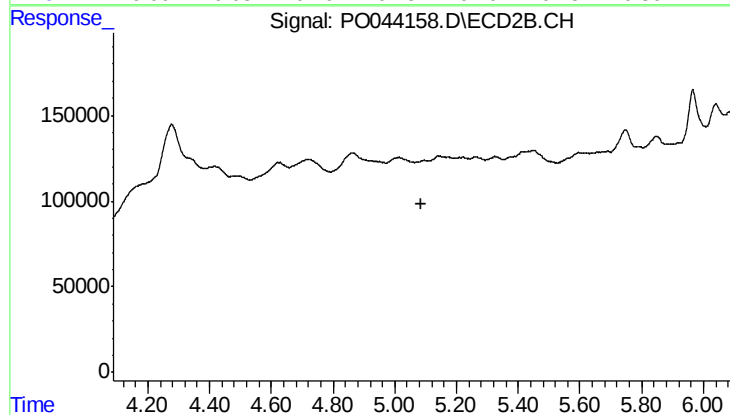
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T.: 5.620 min  
Response: 0  
Conc: N.D.



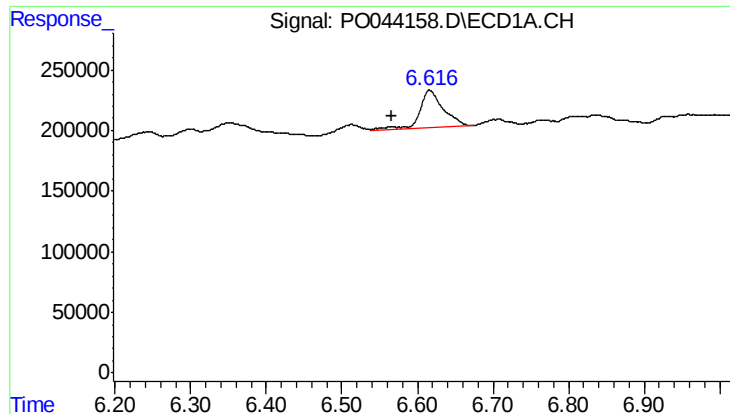
#26 AR-1254-1

R.T.: 6.177 min  
Delta R.T.: -0.032 min  
Response: 231094  
Conc: 6.65 ng/ml



#26 AR-1254-1

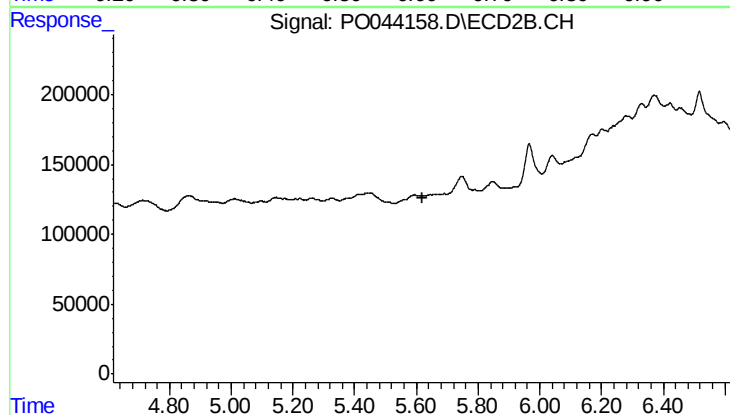
R.T.: 0.000 min  
Exp R.T.: 5.088 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

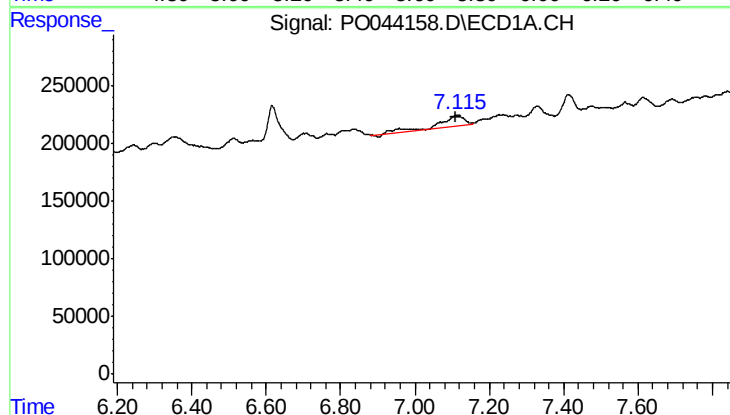
R.T.: 6.616 min  
Delta R.T.: 0.050 min  
Response: 707772  
Conc: 18.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OILY-DEBRIS-1



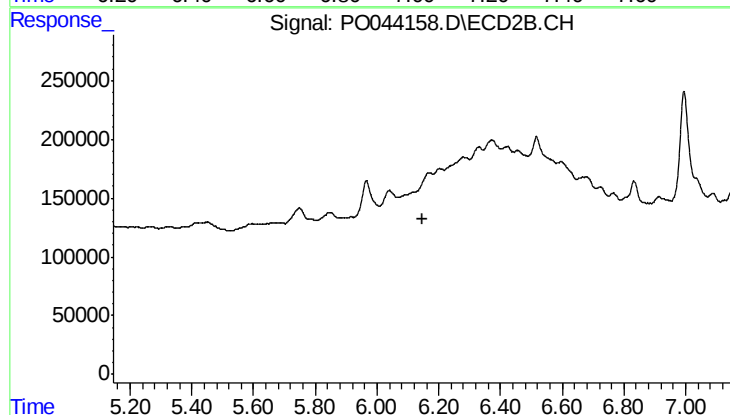
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T.: 5.618 min  
Response: 0  
Conc: N.D.



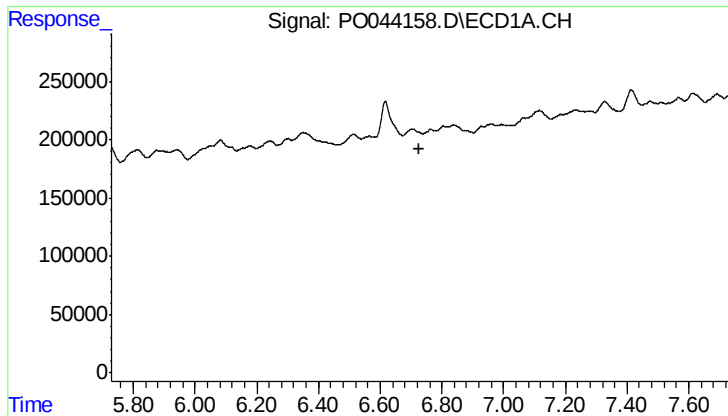
#30 AR-1254-5

R.T.: 7.116 min  
Delta R.T.: 0.005 min  
Response: 450267  
Conc: 19.84 ng/ml



#30 AR-1254-5

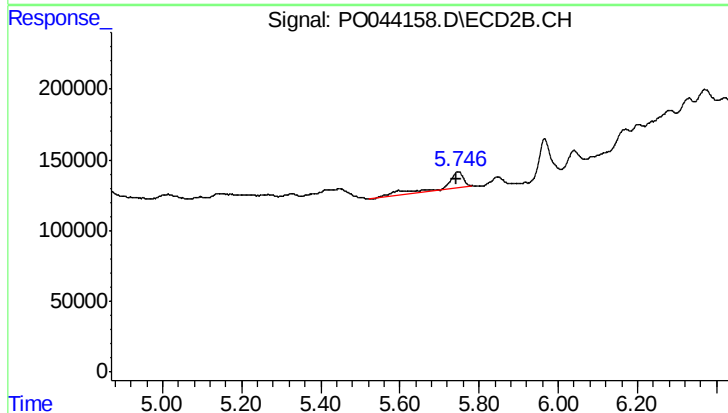
R.T.: 6.170 min  
Delta R.T.: 0.024 min  
Response: -148395  
Conc: N.D.



#31 AR-1260-1

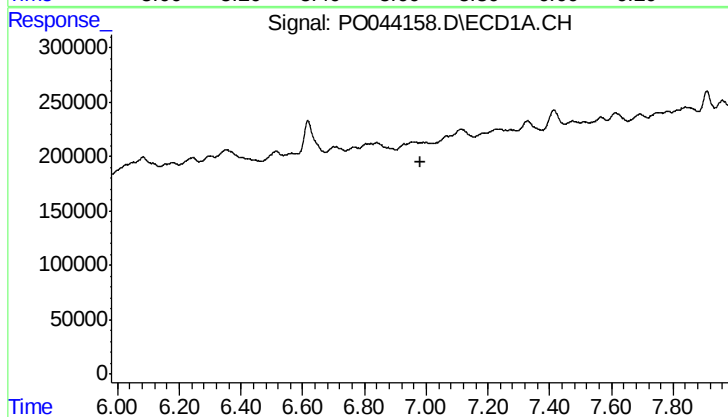
R.T.: 0.000 min  
Exp R.T.: 6.729 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
OILY-DEBRIS-1



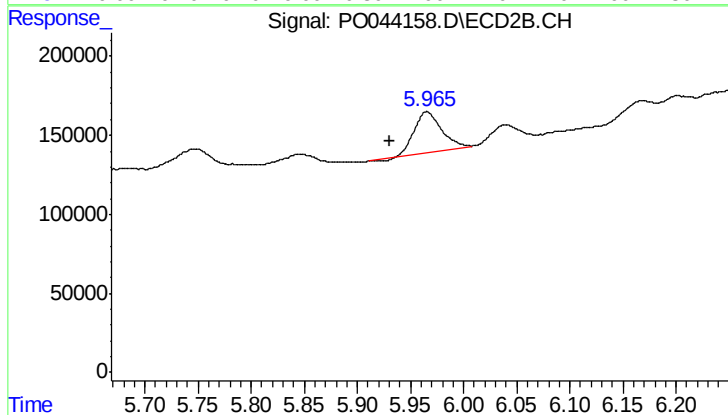
#31 AR-1260-1

R.T.: 5.747 min  
Delta R.T.: 0.003 min  
Response: 365283  
Conc: 9.15 ng/ml



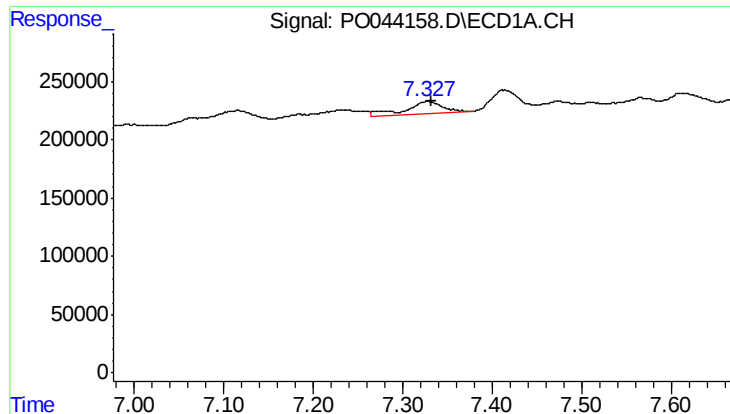
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T.: 6.980 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

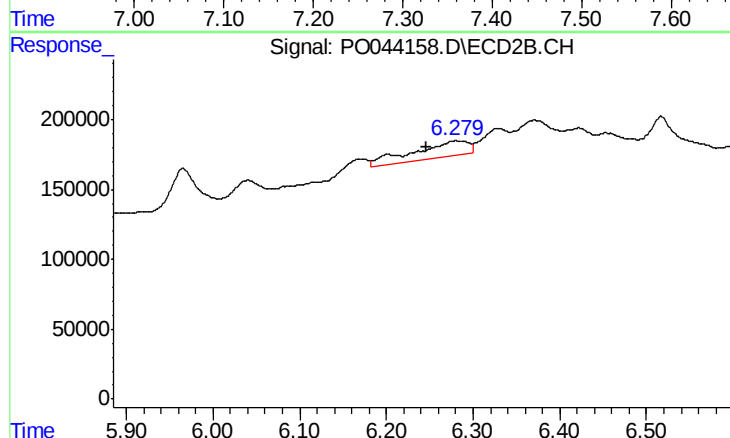
R.T.: 5.965 min  
Delta R.T.: 0.034 min  
Response: 452886  
Conc: 8.42 ng/ml



#33 AR-1260-3

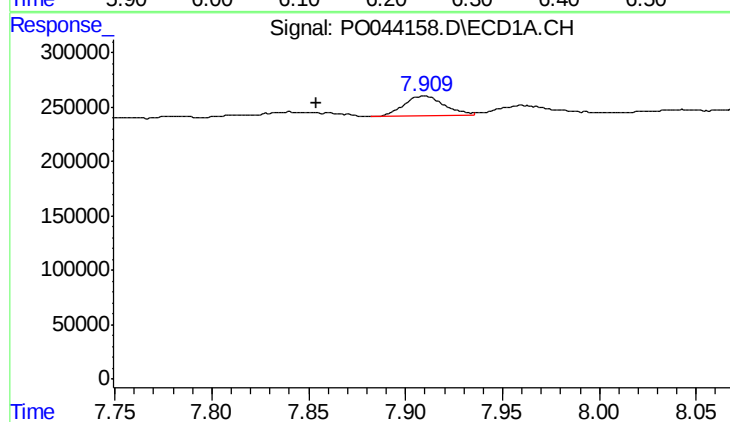
R.T.: 7.327 min  
Delta R.T.: -0.005 min  
Response: 296121  
Conc: 10.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OILY-DEBRIS-1



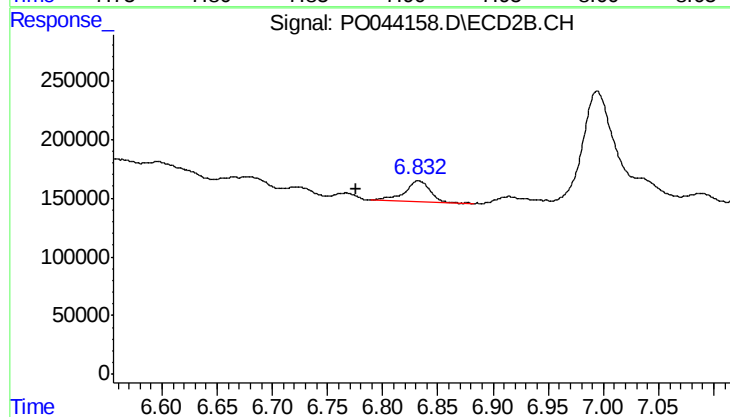
#33 AR-1260-3

R.T.: 6.280 min  
Delta R.T.: 0.034 min  
Response: 517356  
Conc: 9.47 ng/ml



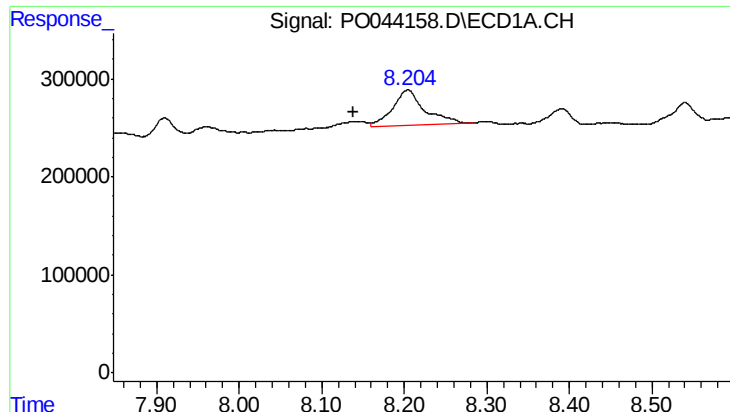
#34 AR-1260-4

R.T.: 7.910 min  
Delta R.T.: 0.056 min  
Response: 262746  
Conc: 3.99 ng/ml



#34 AR-1260-4

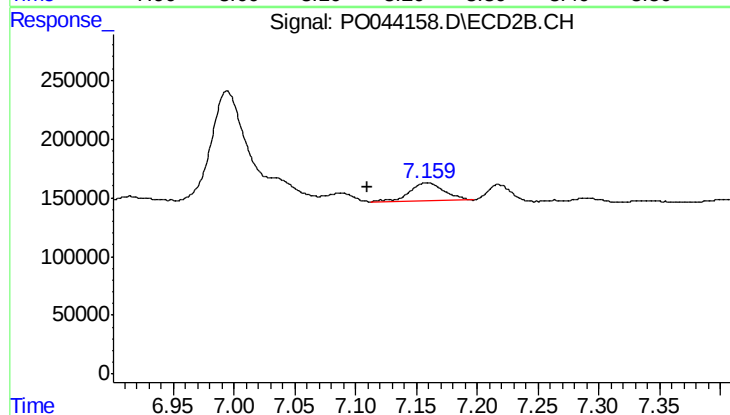
R.T.: 6.832 min  
Delta R.T.: 0.057 min  
Response: 287376  
Conc: 2.62 ng/ml



#35 AR-1260-5

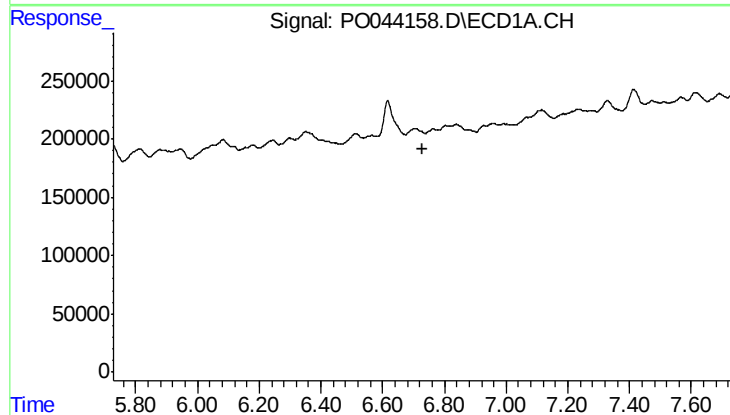
R.T.: 8.205 min  
Delta R.T.: 0.066 min  
Response: 986915  
Conc: 24.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OILY-DEBRIS-1



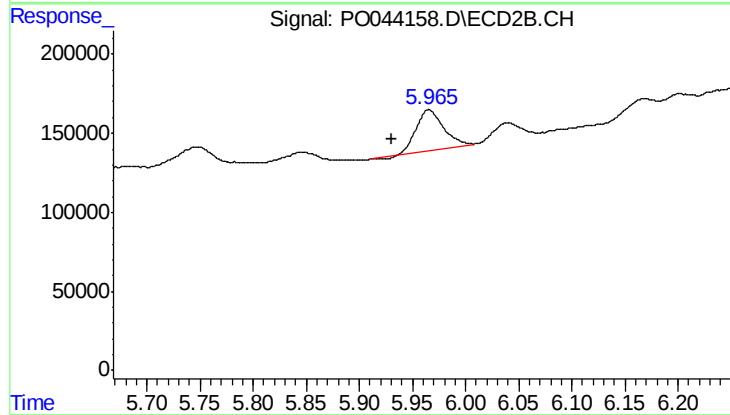
#35 AR-1260-5

R.T.: 7.160 min  
Delta R.T.: 0.050 min  
Response: 297446  
Conc: 3.85 ng/ml



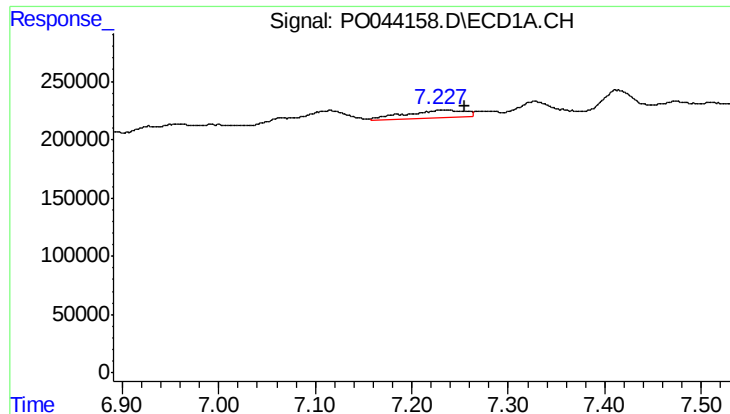
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 6.727 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

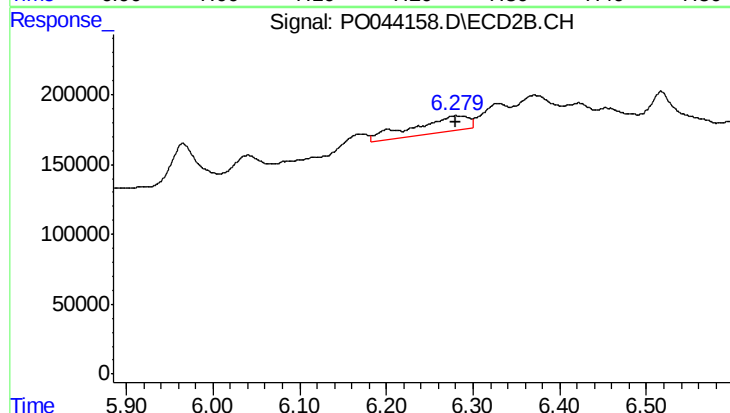
R.T.: 5.965 min  
Delta R.T.: 0.035 min  
Response: 452886  
Conc: 10.68 ng/ml



#38 AR-1262-3

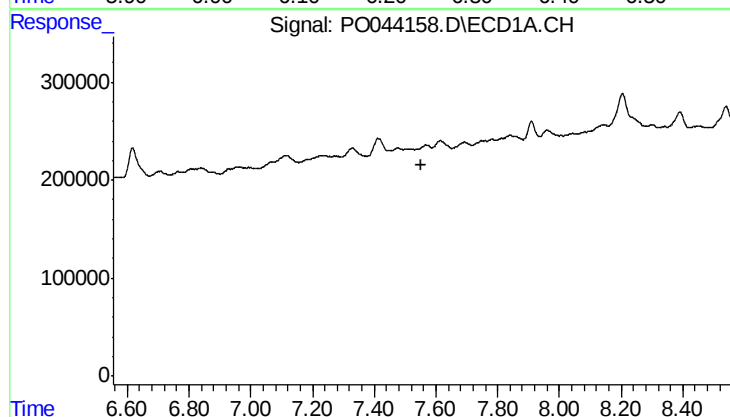
R.T.: 7.236 min  
Delta R.T.: -0.018 min  
Response: 262420  
Conc: 10.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OILY-DEBRIS-1



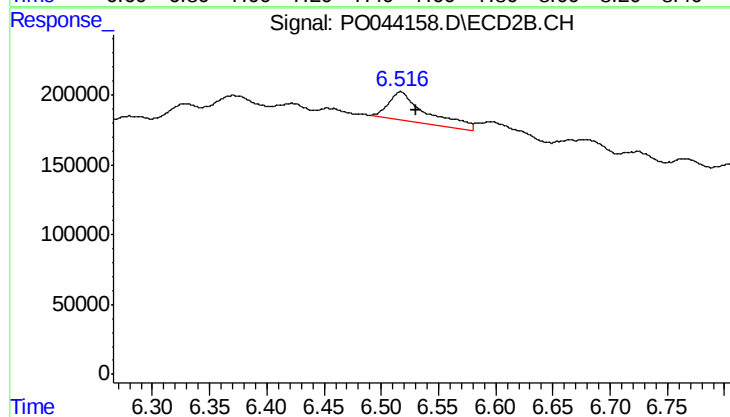
#38 AR-1262-3

R.T.: 6.280 min  
Delta R.T.: 0.000 min  
Response: 517356  
Conc: 7.57 ng/ml



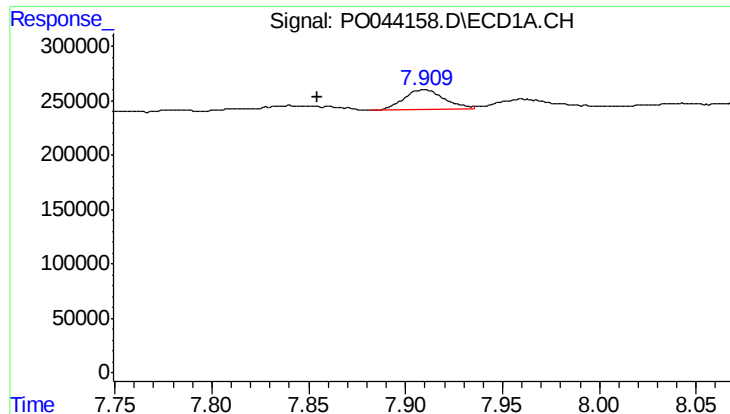
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 7.554 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

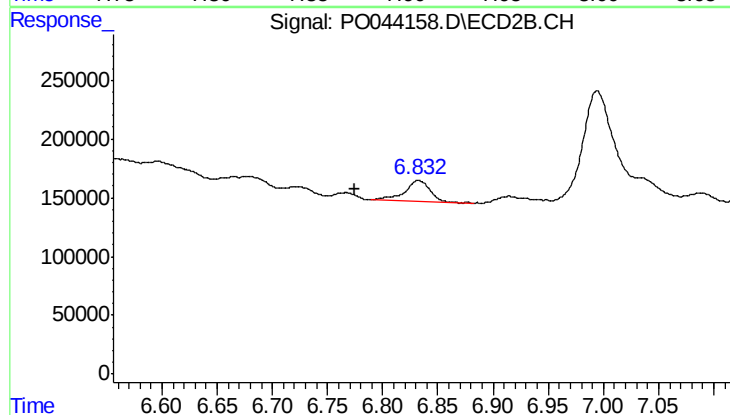
R.T.: 6.517 min  
Delta R.T.: -0.014 min  
Response: 468413  
Conc: 8.42 ng/ml



#40 AR-1262-5

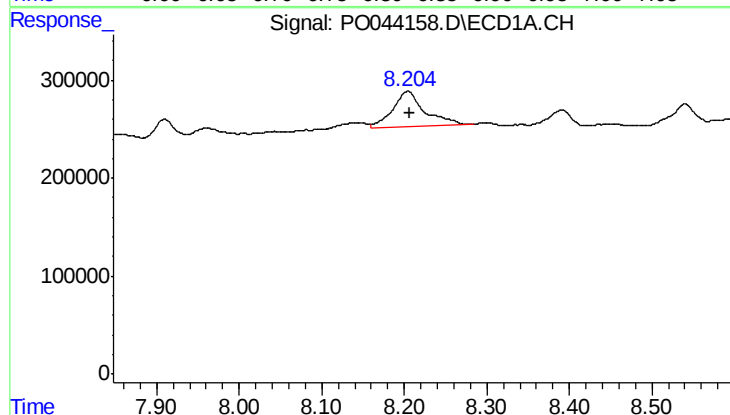
R.T.: 7.910 min  
Delta R.T.: 0.056 min  
Response: 262746  
Conc: 3.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OILY-DEBRIS-1



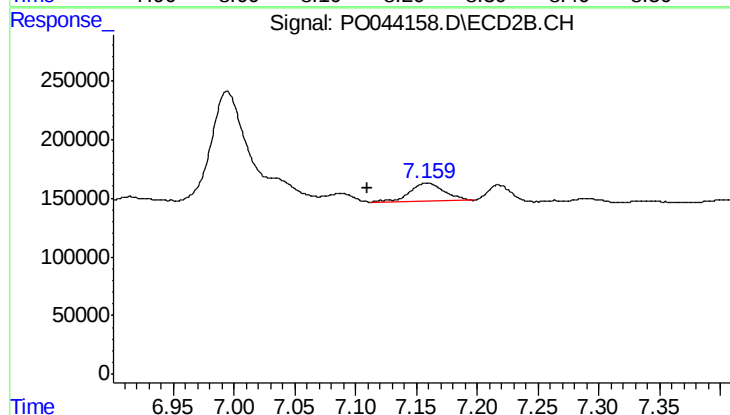
#40 AR-1262-5

R.T.: 6.832 min  
Delta R.T.: 0.058 min  
Response: 287376  
Conc: 2.22 ng/ml



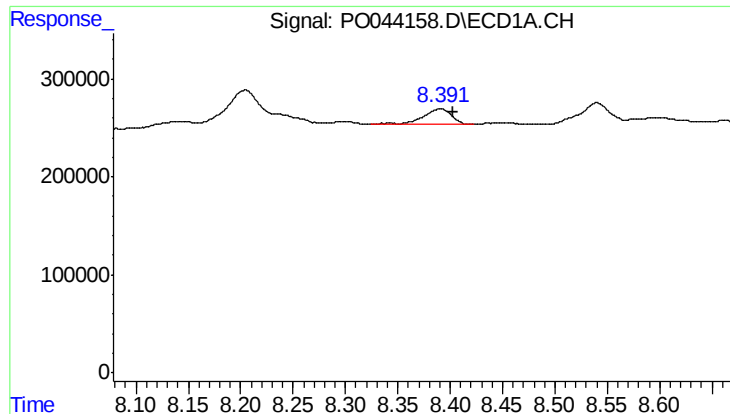
#42 AR-1268-2

R.T.: 8.205 min  
Delta R.T.: -0.002 min  
Response: 986915  
Conc: 13.82 ng/ml



#42 AR-1268-2

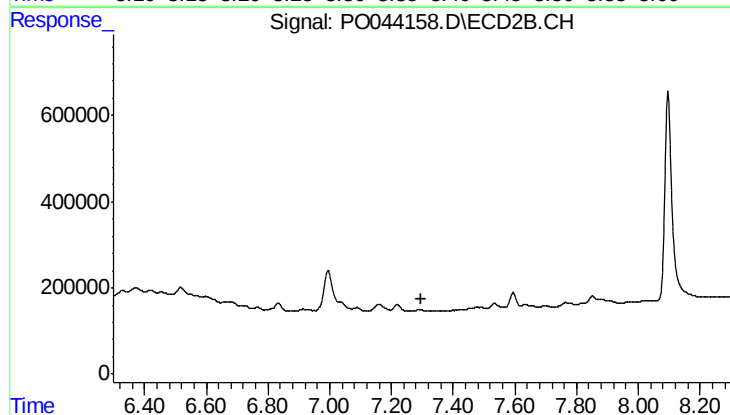
R.T.: 7.160 min  
Delta R.T.: 0.050 min  
Response: 297446  
Conc: 2.52 ng/ml



#43 AR-1268-3

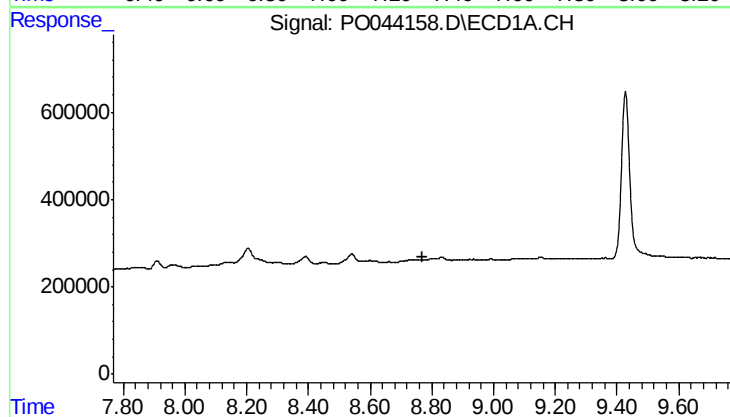
R.T.: 8.391 min  
Delta R.T.: -0.012 min  
Response: 306114  
Conc: 4.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OILY-DEBRIS-1



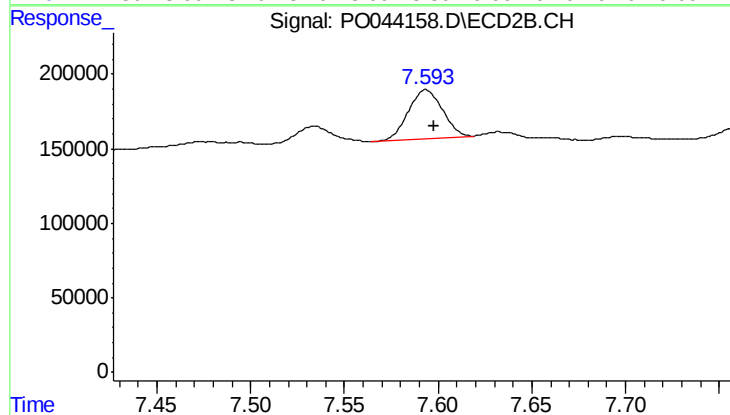
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 7.299 min  
Response: 0  
Conc: N.D.



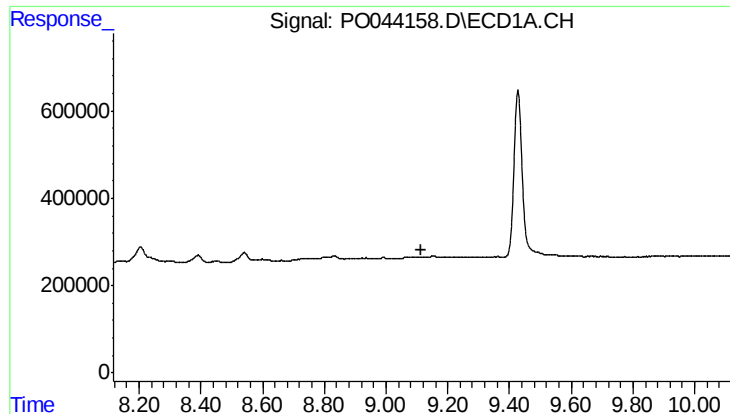
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 8.768 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

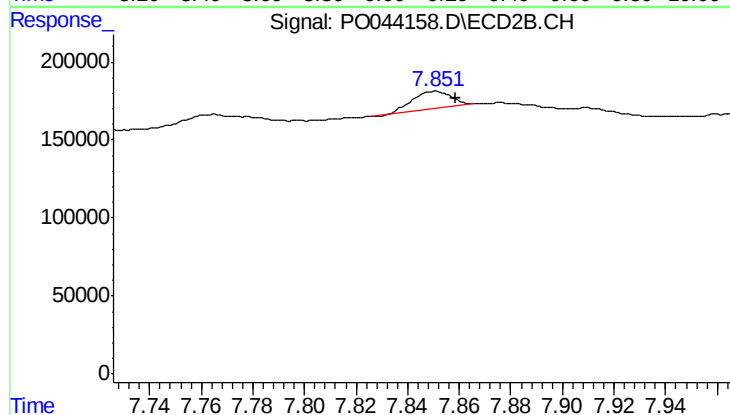
R.T.: 7.594 min  
Delta R.T.: -0.004 min  
Response: 411182  
Conc: 10.00 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.116 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
OILY-DEBRIS-1



#45 AR-1268-5

R.T.: 7.851 min  
Delta R.T.: -0.008 min  
Response: 115871  
Conc: 0.39 ng/ml