

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030722AL\
 Data File : FE035247.D
 Signal(s) : FID1B.CH
 Acq On : 08 Mar 2022 10:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/08/2022
 Supervised By :Ankita Jodhani 03/08/2022

Integration File: sample.E
 Quant Time: Mar 08 10:45:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022822.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 02:07:56 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

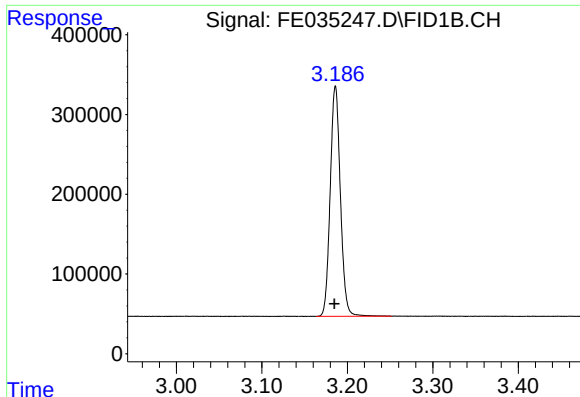
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.367	2750992	19.862 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
12) S 1-chlorooctadecane (S...	12.801	2025752	18.702 ug/ml
Spiked Amount 50.000		Recovery =	37.40%
Target Compounds			
1) T n-Nonane (C9)	3.186	2386773	20.786 ug/ml
2) T n-Decane (C10)	4.240	2382525	20.913 ug/ml
3) T A~Naphthalene (C11.7)	5.806	2653221	20.889 ug/ml
4) T n-Dodecane (C12)	6.246	2470664	21.014 ug/ml
5) T A~2-methylnaphthalene...	6.856	2679794	20.979 ug/ml
6) T n-Tetradecane (C14)	8.032	2515836	21.081 ug/ml
7) T n-Hexadecane (C16)	9.625	2539882	20.847 ug/ml
8) T n-Octadecane (C18)	11.060	2559869	20.421 ug/ml
10) T n-Eicosane (C20)	12.363	2487778	19.674 ug/ml
11) T n-Heneicosane (C21)	12.971	2462894	19.340 ug/ml
13) T n-Docosane (C22)	13.554	2417130	19.035 ug/ml
14) T n-Tetracosane (C24)	14.653	2316838	18.293 ug/ml
15) T n-Hexacosane (C26)	15.668	2195928	17.710 ug/ml
16) T n-Octacosane (C28)	16.613	2054498	17.141 ug/ml
17) T n-Tricontane (C30)	17.496	1894512	16.727 ug/ml
18) T n-Dotriacontane (C32)	18.324	1704852	16.742 ug/ml
19) T n-Tetratriacontane (C34)	19.103	1548912	17.359 ug/mlm
20) T n-Hexatriacontane (C36)	19.839	1519815	20.020 ug/mlm
21) T n-Octatriacontane (C38)	20.542	1440128	21.809 ug/mlm
22) T n-Tetracontane (C40)	21.358	1577478	25.790 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.



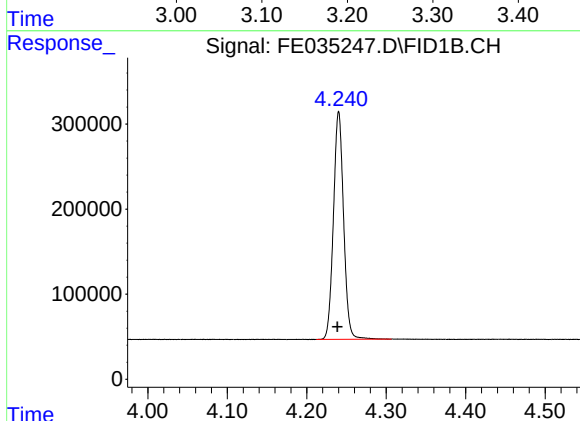
#1 n-Nonane (C9)

R.T.: 3.186 min
Delta R.T.: 0.001 min
Response: 2386773
Conc: 20.79 ug/ml

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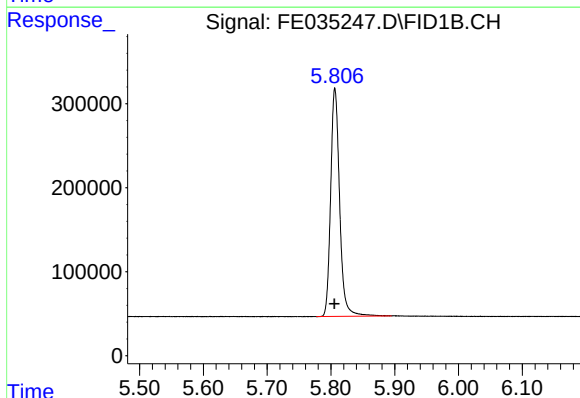
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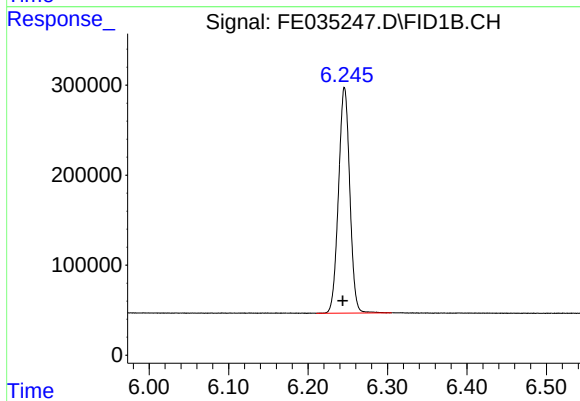
#2 n-Decane (C10)

R.T.: 4.240 min
Delta R.T.: 0.002 min
Response: 2382525
Conc: 20.91 ug/ml



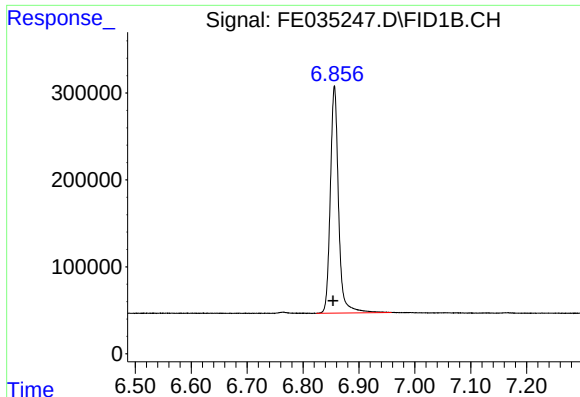
#3 A~Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 2653221
Conc: 20.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.246 min
Delta R.T.: 0.002 min
Response: 2470664
Conc: 21.01 ug/ml



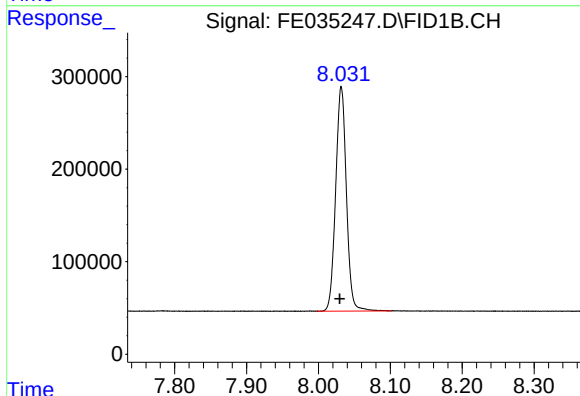
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.856 min
Delta R.T.: 0.003 min
Response: 2679794
Conc: 20.98 ug/ml

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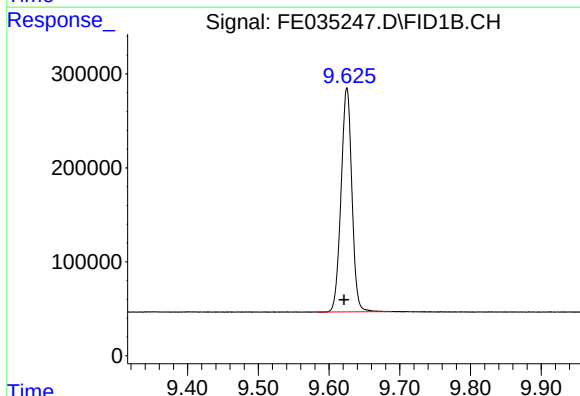
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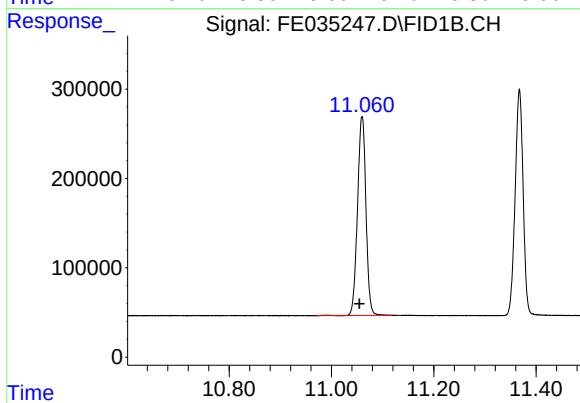
#6 n-Tetradecane (C14)

R.T.: 8.032 min
Delta R.T.: 0.002 min
Response: 2515836
Conc: 21.08 ug/ml



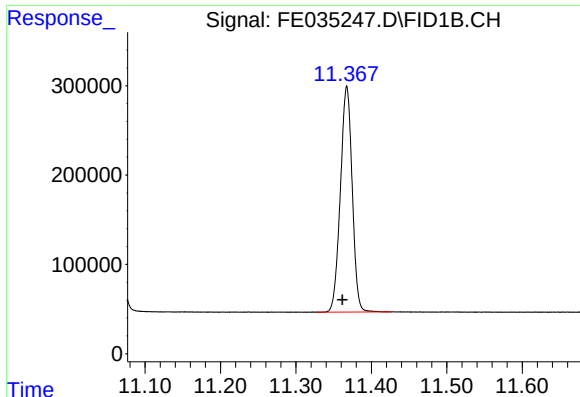
#7 n-Hexadecane (C16)

R.T.: 9.625 min
Delta R.T.: 0.004 min
Response: 2539882
Conc: 20.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.060 min
Delta R.T.: 0.005 min
Response: 2559869
Conc: 20.42 ug/ml



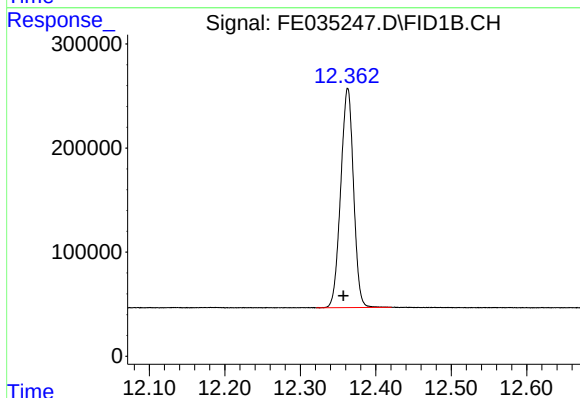
#9 ortho-Terphenyl (SURR)

R.T.: 11.367 min
Delta R.T.: 0.006 min
Response: 2750992
Conc: 19.86 ug/ml

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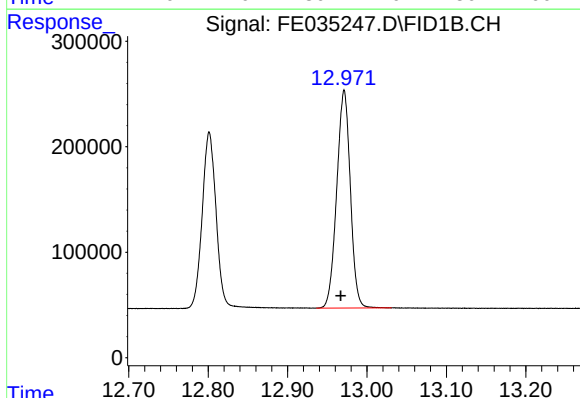
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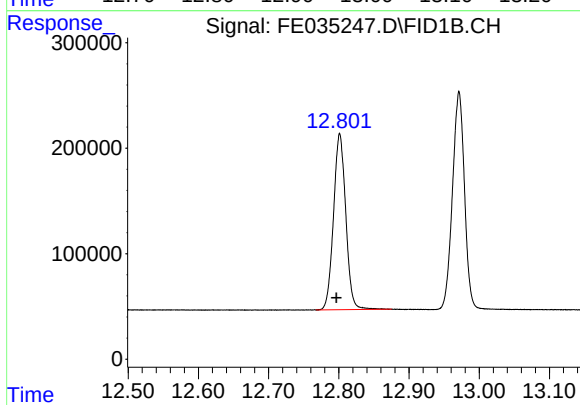
#10 n-Eicosane (C20)

R.T.: 12.363 min
Delta R.T.: 0.006 min
Response: 2487778
Conc: 19.67 ug/ml



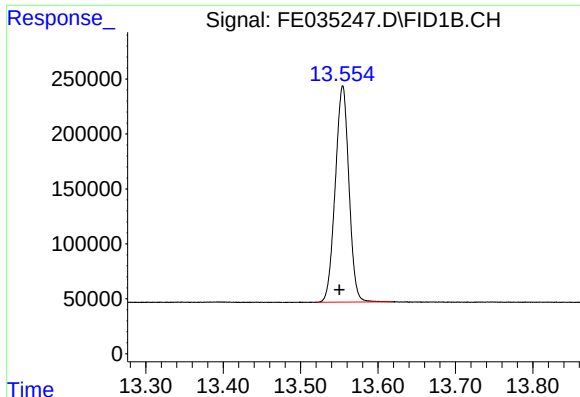
#11 n-Heneicosane (C21)

R.T.: 12.971 min
Delta R.T.: 0.005 min
Response: 2462894
Conc: 19.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.801 min
Delta R.T.: 0.005 min
Response: 2025752
Conc: 18.70 ug/ml



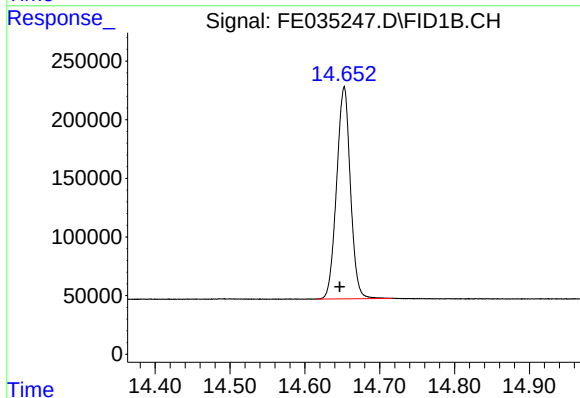
#13 n-Docosane (C22)

R.T.: 13.554 min
Delta R.T.: 0.004 min
Response: 2417130
Conc: 19.04 ug/ml

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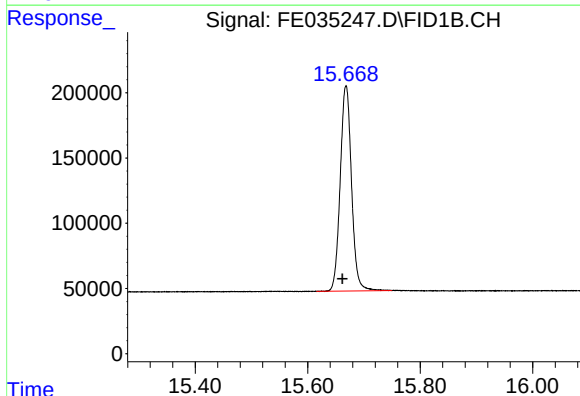
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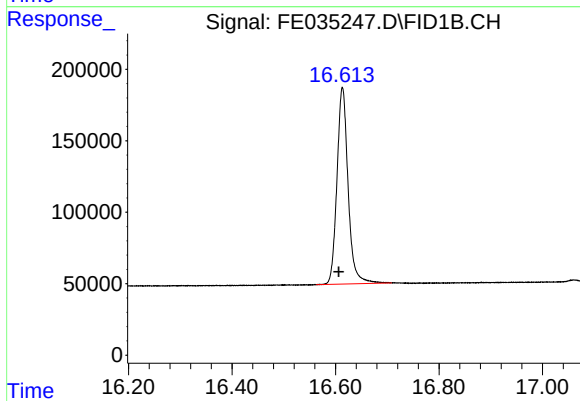
#14 n-Tetracosane (C24)

R.T.: 14.653 min
Delta R.T.: 0.006 min
Response: 2316838
Conc: 18.29 ug/ml



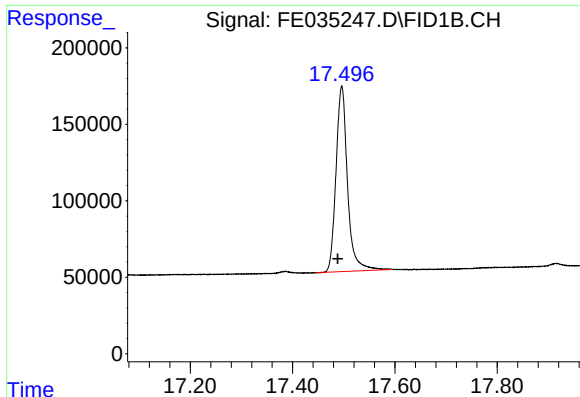
#15 n-Hexacosane (C26)

R.T.: 15.668 min
Delta R.T.: 0.006 min
Response: 2195928
Conc: 17.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.613 min
Delta R.T.: 0.007 min
Response: 2054498
Conc: 17.14 ug/ml



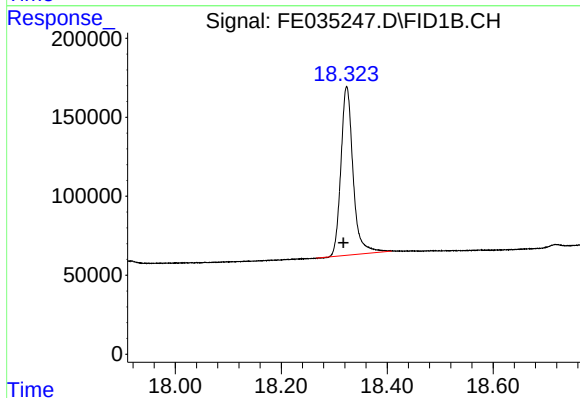
#17 n-Tricontane (C30)

R.T.: 17.496 min
Delta R.T.: 0.008 min
Response: 1894512
Conc: 16.73 ug/ml

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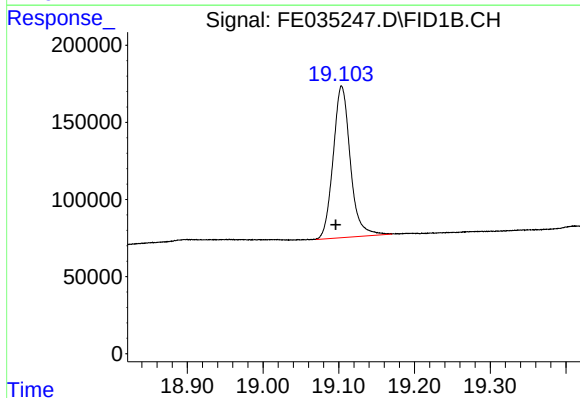
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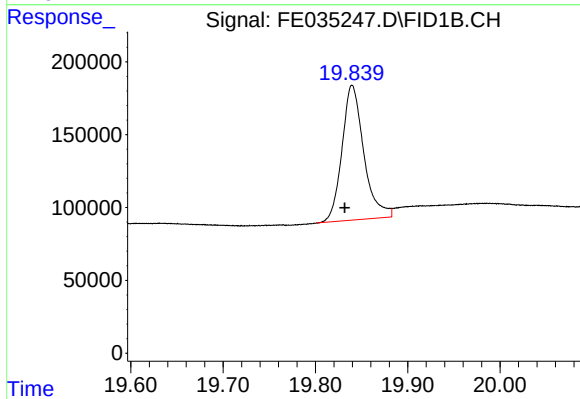
#18 n-Dotriacontane (C32)

R.T.: 18.324 min
Delta R.T.: 0.006 min
Response: 1704852
Conc: 16.74 ug/ml



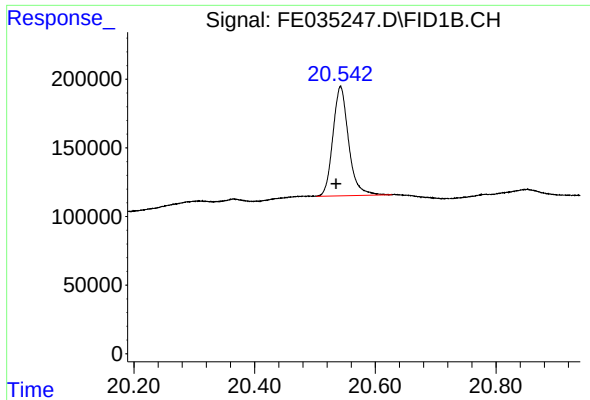
#19 n-Tetratriacontane (C34)

R.T.: 19.103 min
Delta R.T.: 0.007 min
Response: 1548912
Conc: 17.36 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.839 min
Delta R.T.: 0.008 min
Response: 1519815
Conc: 20.02 ug/ml m



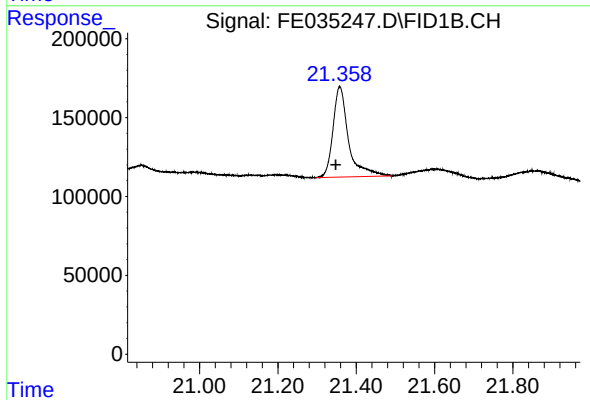
#21 n-Octatriacontane (C38)

R.T.: 20.542 min
Delta R.T.: 0.008 min
Response: 1440128
Conc: 21.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.358 min
Delta R.T.: 0.010 min
Response: 1577478
Conc: 25.79 ug/ml m