

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122321AL\
 Data File : FD040156.D
 Signal(s) : FID2B.CH
 Acq On : 24 Dec 2021 6:30
 Operator : AJ\MA
 Sample : M5199-01
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 24 08:27:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122321.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 13:40:18 2021
 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)	10.723	21618112	143.441 ug/ml
Spiked Amount 50.000		Recovery =	286.88%
12) S 1-chlorooctadecane (S...	12.150	4864041	41.195 ug/ml
Spiked Amount 50.000		Recovery =	82.39%
Target Compounds			
1) T n-Nonane (C9)	2.647	113032	0.860 ug/ml
2) T n-Decane (C10)	3.642	1318633	9.963 ug/ml
3) T A~Naphthalene (C11.7)	5.201	10919852	73.408 ug/ml
4) T n-Dodecane (C12)	5.630	12865316	97.850 ug/ml
5) T A~2-methylnaphthalene...	6.242	21284065	142.872 ug/ml
6) T n-Tetradecane (C14)	7.397	13756372	104.415 ug/ml
7) T n-Hexadecane (C16)	8.974	34219054	256.828 ug/ml
8) T n-Octadecane (C18)	10.394	36097598	259.325 ug/ml
10) T n-Eicosane (C20)	11.714	9020239	64.382 ug/ml
11) T n-Heneicosane (C21)	12.346	6786774	47.767 ug/ml
13) T n-Docosane (C22)	12.921	4057871	28.649 ug/ml
14) T n-Tetracosane (C24)	14.014	63328	0.444 ug/ml
16) T n-Octacosane (C28)	16.020	119219	0.929 ug/ml
18) T n-Dotriacontane (C32)	17.681	83020	0.737 ug/ml
21) T n-Octatriacontane (C38)	19.909	118183	1.232 ug/ml

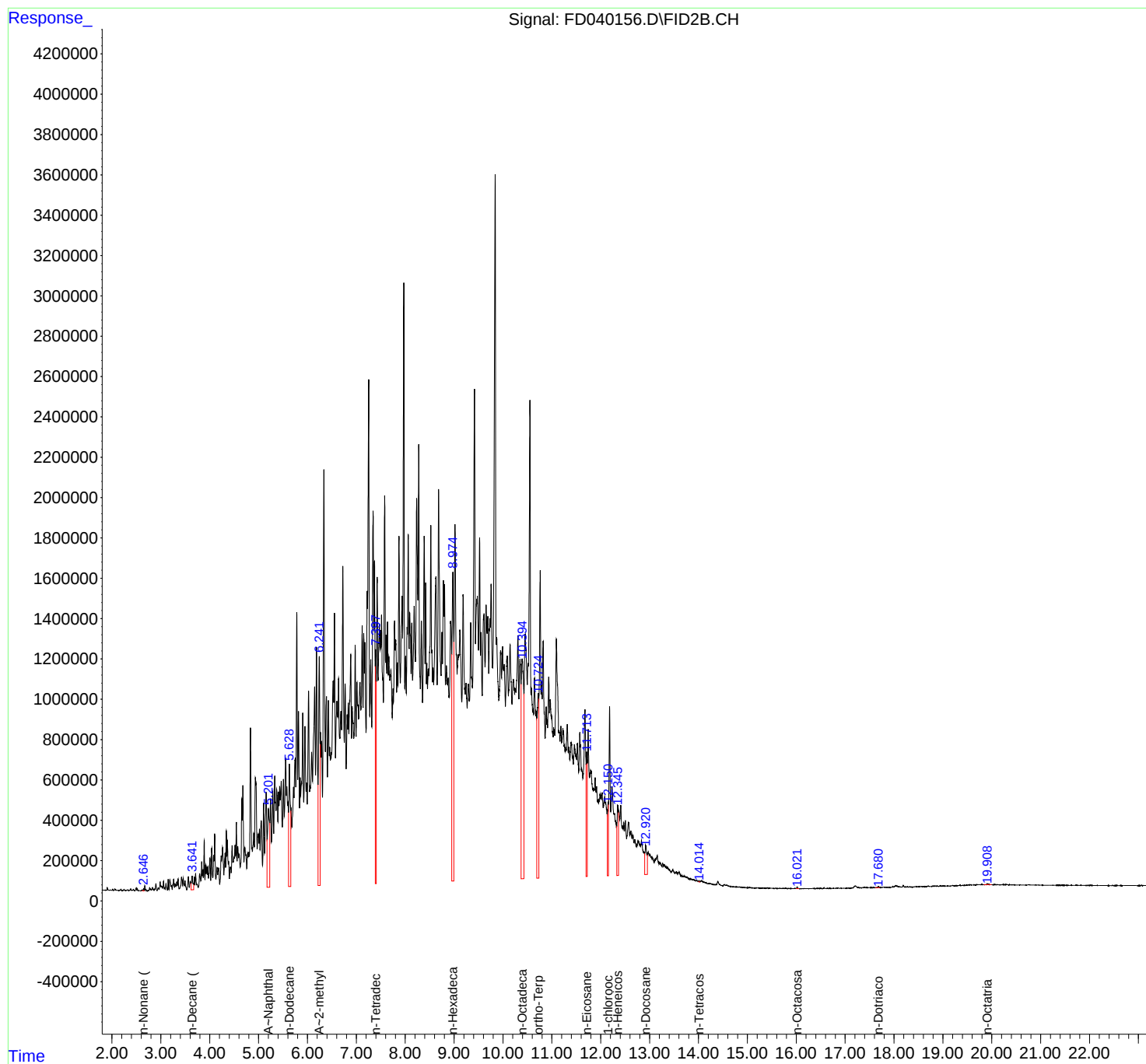
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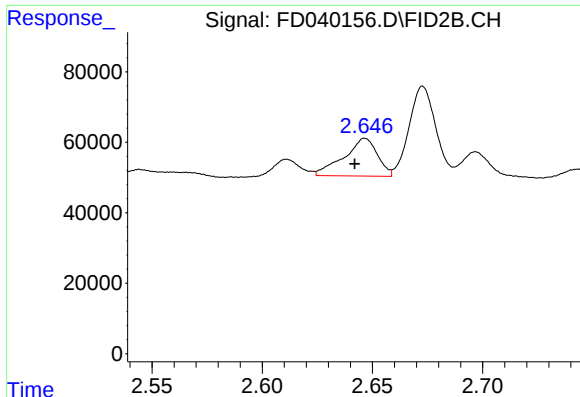
(m)=manual int.

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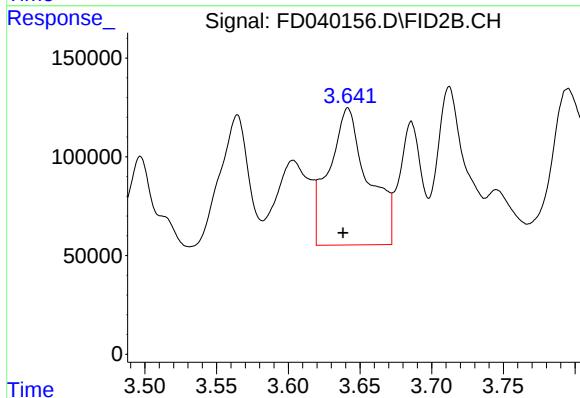
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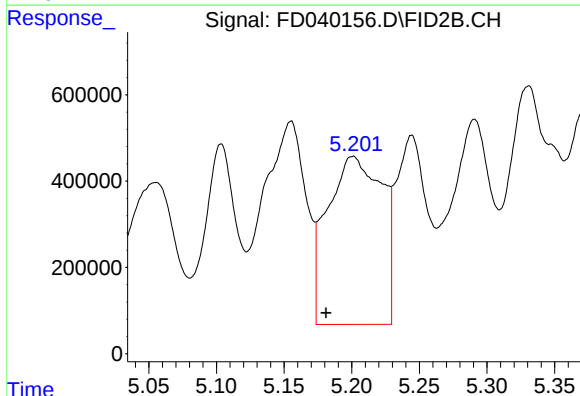
#1 n-Nonane (C9)

R.T.: 2.647 min
Delta R.T.: 0.005 min
Response: 113032
Conc: 0.86 ug/ml



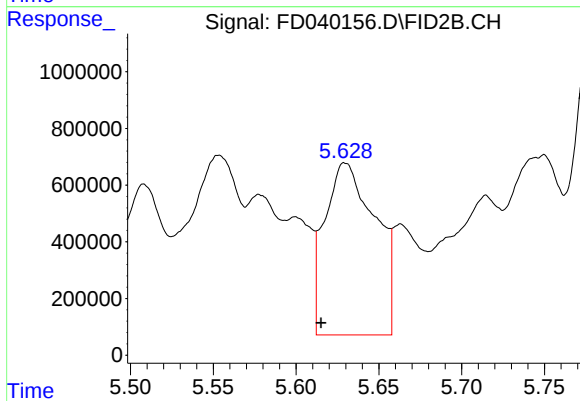
#2 n-Decane (C10)

R.T.: 3.642 min
Delta R.T.: 0.003 min
Response: 1318633
Conc: 9.96 ug/ml



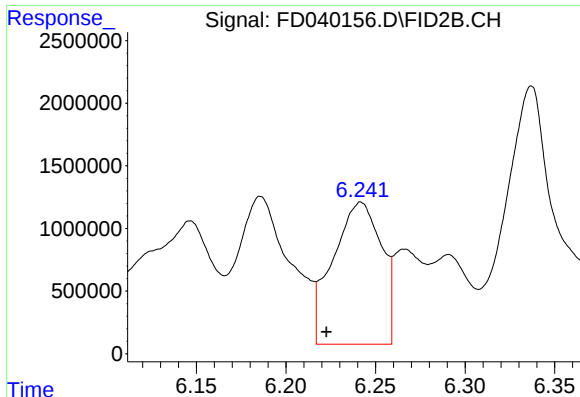
#3 A~Naphthalene (C11.7)

R.T.: 5.201 min
Delta R.T.: 0.020 min
Response: 10919852
Conc: 73.41 ug/ml



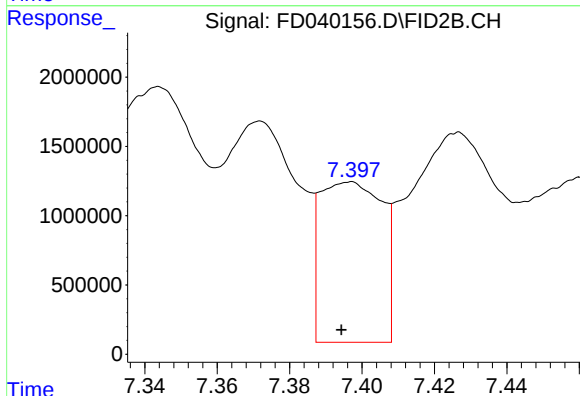
#4 n-Dodecane (C12)

R.T.: 5.630 min
Delta R.T.: 0.015 min
Response: 12865316
Conc: 97.85 ug/ml



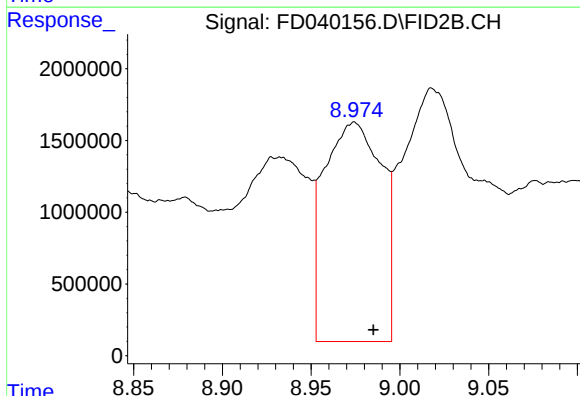
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.242 min
Delta R.T.: 0.019 min
Response: 21284065
Conc: 142.87 ug/ml



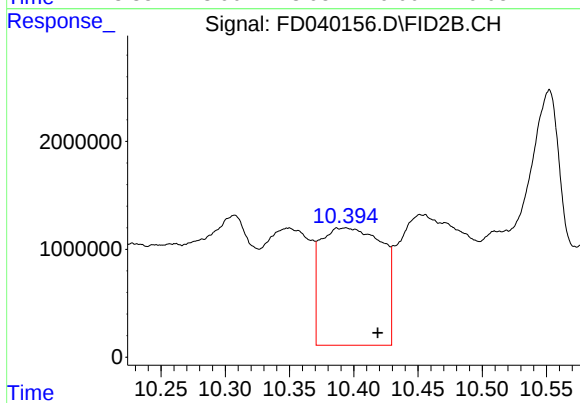
#6 n-Tetradecane (C14)

R.T.: 7.397 min
Delta R.T.: 0.002 min
Response: 13756372
Conc: 104.42 ug/ml



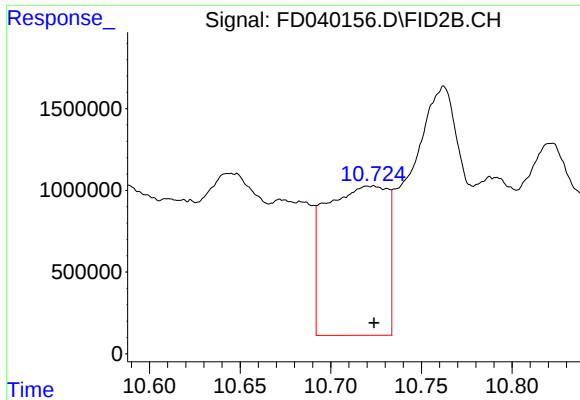
#7 n-Hexadecane (C16)

R.T.: 8.974 min
Delta R.T.: -0.011 min
Response: 34219054
Conc: 256.83 ug/ml



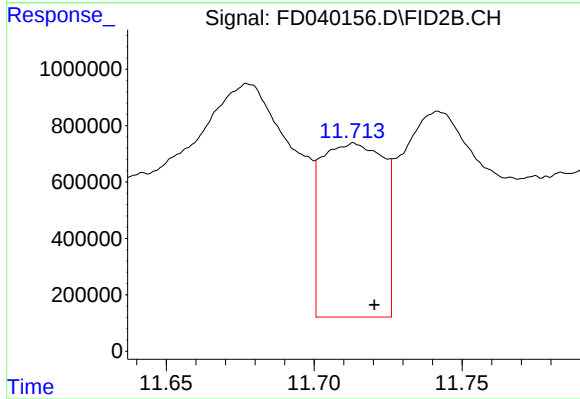
#8 n-Octadecane (C18)

R.T.: 10.394 min
Delta R.T.: -0.025 min
Response: 36097598
Conc: 259.33 ug/ml



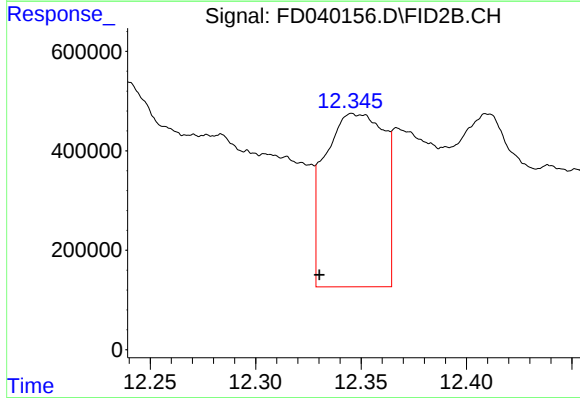
#9 ortho-Terphenyl (SURR)

R.T.: 10.723 min
Delta R.T.: 0.000 min
Response: 21618112
Conc: 143.44 ug/ml



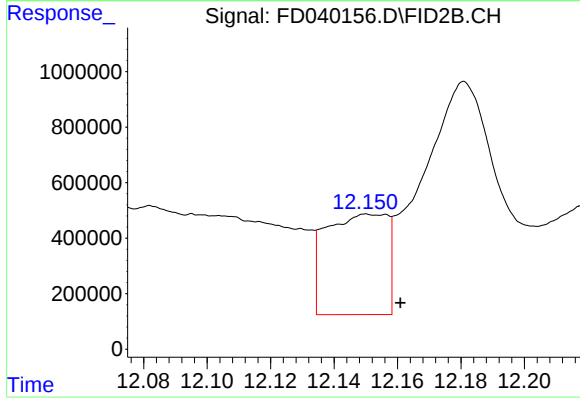
#10 n-Eicosane (C20)

R.T.: 11.714 min
Delta R.T.: -0.007 min
Response: 9020239
Conc: 64.38 ug/ml



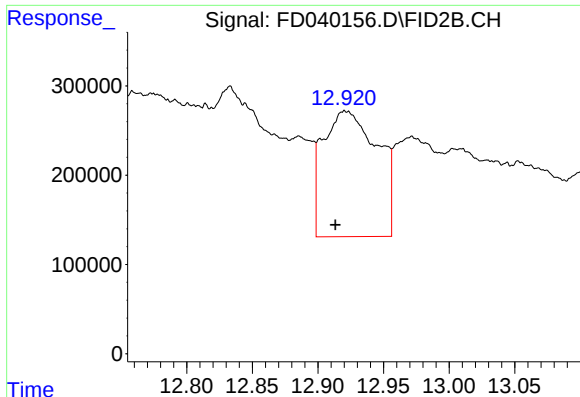
#11 n-Heneicosane (C21)

R.T.: 12.346 min
Delta R.T.: 0.015 min
Response: 6786774
Conc: 47.77 ug/ml



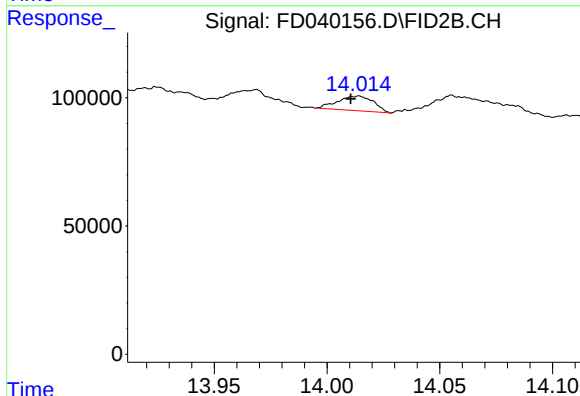
#12 1-chlorooctadecane (SURR)

R.T.: 12.150 min
Delta R.T.: -0.010 min
Response: 4864041
Conc: 41.20 ug/ml



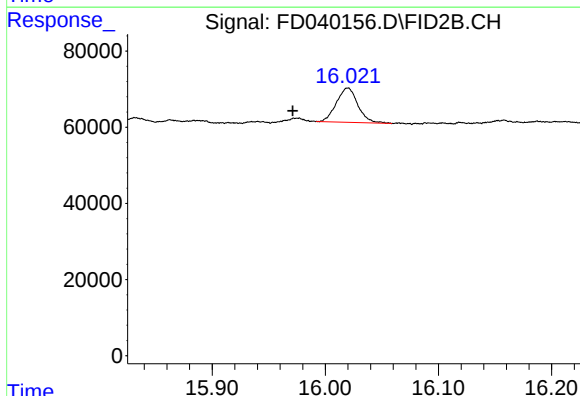
#13 n-Docosane (C22)

R.T.: 12.921 min
Delta R.T.: 0.007 min
Response: 4057871
Conc: 28.65 ug/ml



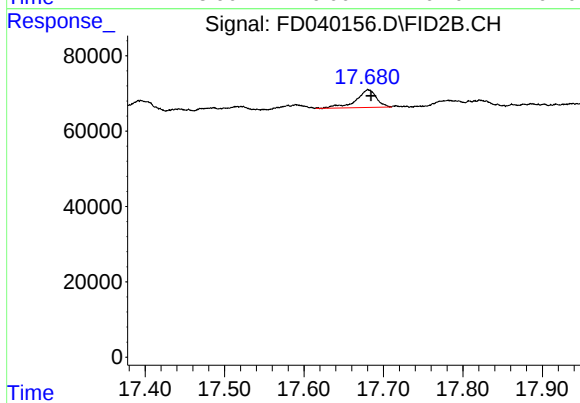
#14 n-Tetracosane (C24)

R.T.: 14.014 min
Delta R.T.: 0.003 min
Response: 63328
Conc: 0.44 ug/ml



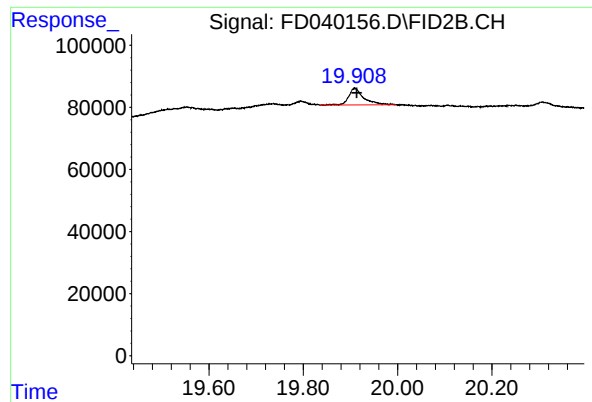
#16 n-Octacosane (C28)

R.T.: 16.020 min
Delta R.T.: 0.049 min
Response: 119219
Conc: 0.93 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.681 min
Delta R.T.: -0.004 min
Response: 83020
Conc: 0.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.909 min
Delta R.T.: -0.004 min
Response: 118183
Conc: 1.23 ug/ml