

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032423AL\
 Data File : FE041009.D
 Signal(s) : FID1B.ch
 Acq On : 24 Mar 2023 17:53
 Operator : YP\AJ
 Sample : 02049-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 25 00:57:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.866	3312723	17.733 ug/ml
Spiked Amount 50.000		Recovery =	35.47%
12) S 1-chlorooctadecane (S...	13.305	2647036	17.885 ug/ml
Spiked Amount 50.000		Recovery =	35.77%
Target Compounds			
7) T n-Hexadecane (C16)	10.109	35631	0.221 ug/ml
8) T n-Octadecane (C18)	11.551	35415	0.209 ug/ml
10) T n-Eicosane (C20)	12.885	14504	0.086 ug/ml
11) T n-Heneicosane (C21)	13.472	27378	0.160 ug/ml
13) T n-Docosane (C22)	14.079	26699	0.156 ug/ml
14) T n-Tetracosane (C24)	15.162	177919	1.032 ug/ml
15) T n-Hexacosane (C26)	16.185	214138	1.260 ug/ml
16) T n-Octacosane (C28)	17.147	490691	2.926 ug/ml
17) T n-Tricontane (C30)	18.027	378602	2.319 ug/ml
18) T n-Dotriacontane (C32)	18.862	472283	2.759 ug/ml
19) T n-Tetratriacontane (C34)	19.646	539882	3.492 ug/ml
20) T n-Hexatriacontane (C36)	20.397	159644	1.099 ug/ml
21) T n-Octatriacontane (C38)	21.121	232937	1.695 ug/ml
22) T n-Tetracontane (C40)	22.018	436106	2.822 ug/ml

(f)=RT Delta > 1/2 Window

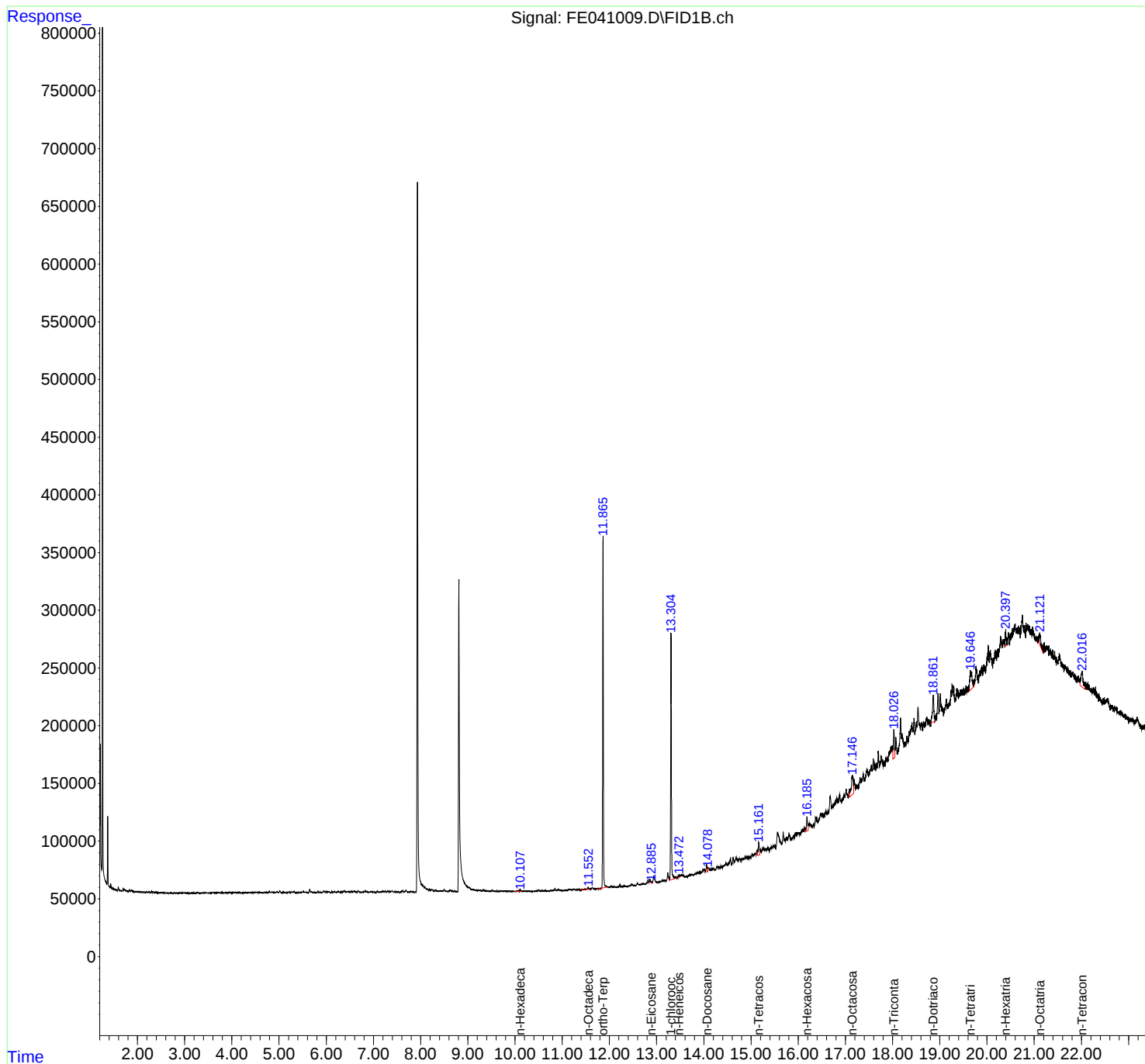
(m)=manual int.

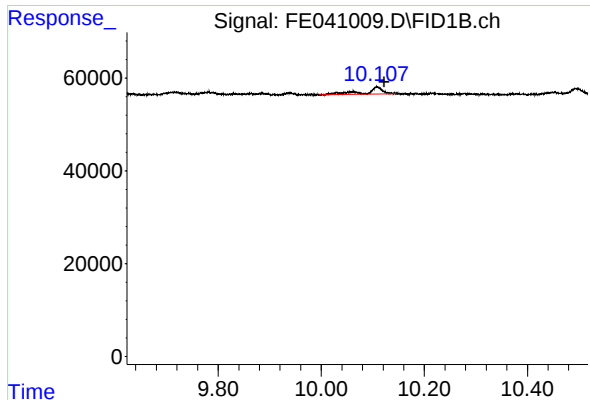
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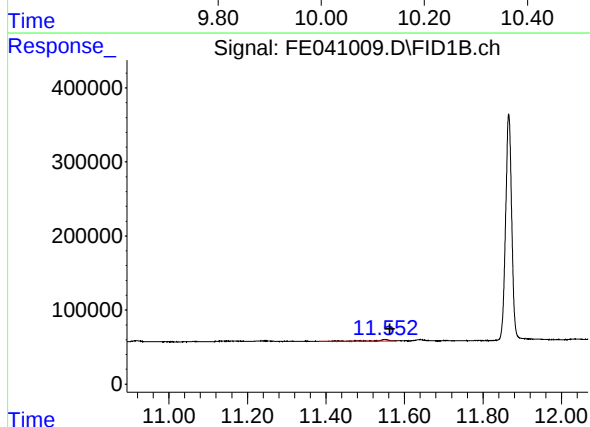




#7 n-Hexadecane (C16)

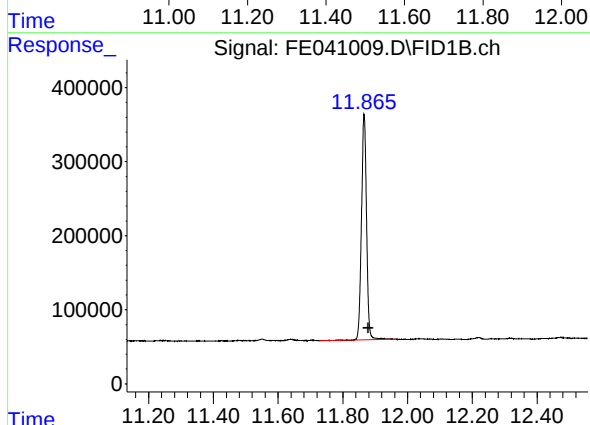
R.T.: 10.109 min
Delta R.T.: -0.014 min
Response: 35631
Conc: 0.22 ug/ml

Instrument :
FID_E
ClientSampleId :



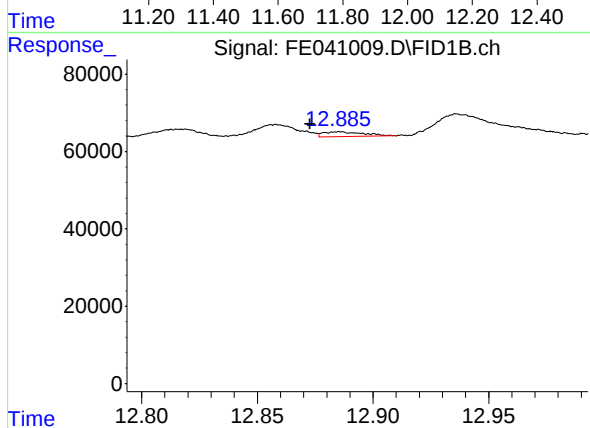
#8 n-Octadecane (C18)

R.T.: 11.551 min
Delta R.T.: -0.012 min
Response: 35415
Conc: 0.21 ug/ml



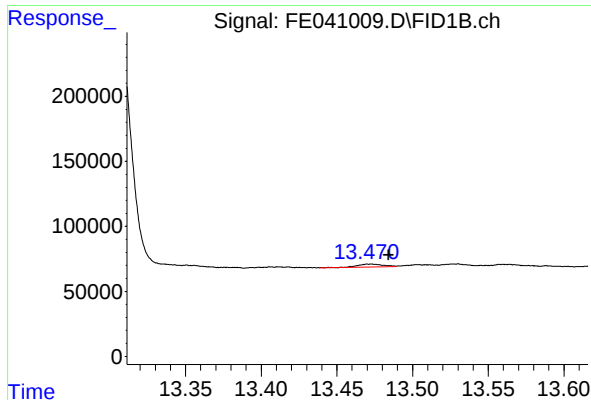
#9 ortho-Terphenyl (SURR)

R.T.: 11.866 min
Delta R.T.: -0.013 min
Response: 3312723
Conc: 17.73 ug/ml



#10 n-Eicosane (C20)

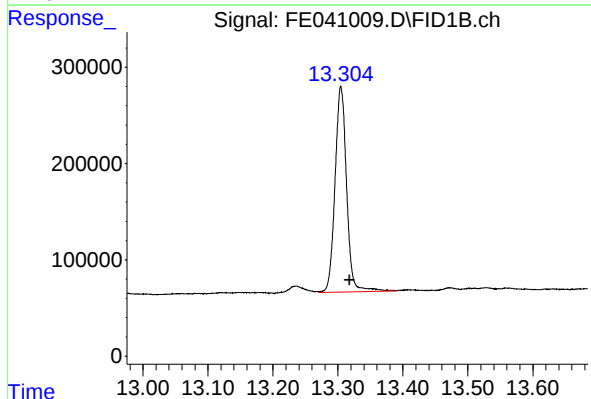
R.T.: 12.885 min
Delta R.T.: 0.013 min
Response: 14504
Conc: 0.09 ug/ml



#11 n-Heneicosane (C21)

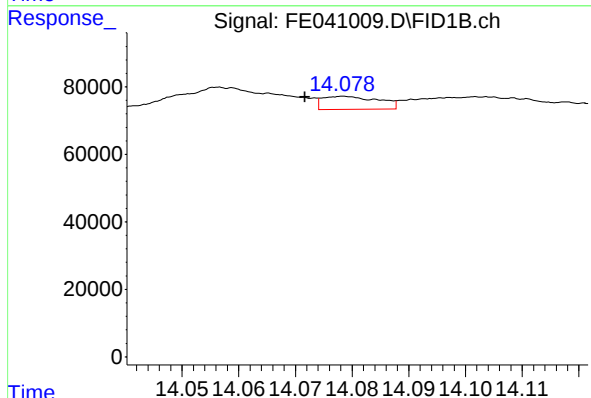
R.T.: 13.472 min
Delta R.T.: -0.012 min
Response: 27378
Conc: 0.16 ug/ml

Instrument :
FID_E
ClientSampleId :



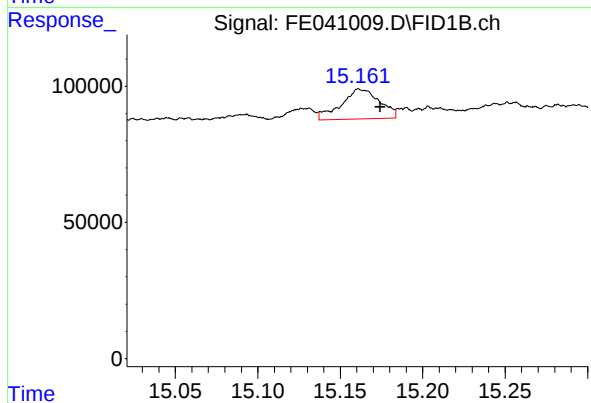
#12 1-chlorooctadecane (SURR)

R.T.: 13.305 min
Delta R.T.: -0.013 min
Response: 2647036
Conc: 17.88 ug/ml



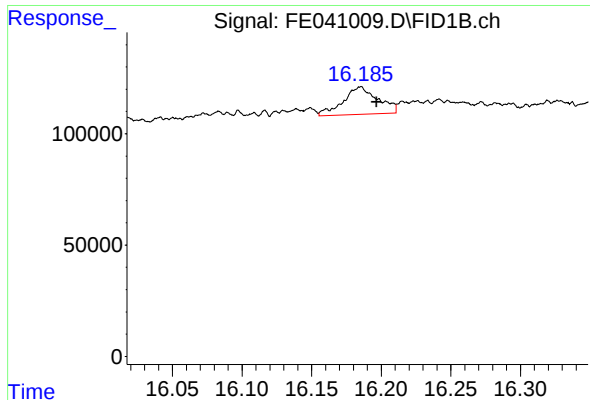
#13 n-Docosane (C22)

R.T.: 14.079 min
Delta R.T.: 0.007 min
Response: 26699
Conc: 0.16 ug/ml



#14 n-Tetracosane (C24)

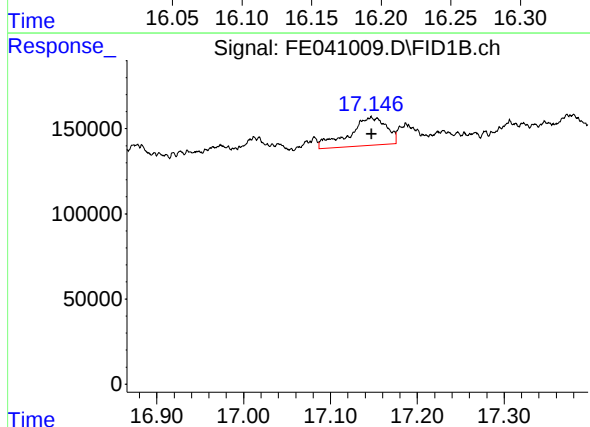
R.T.: 15.162 min
Delta R.T.: -0.013 min
Response: 177919
Conc: 1.03 ug/ml



#15 n-Hexacosane (C26)

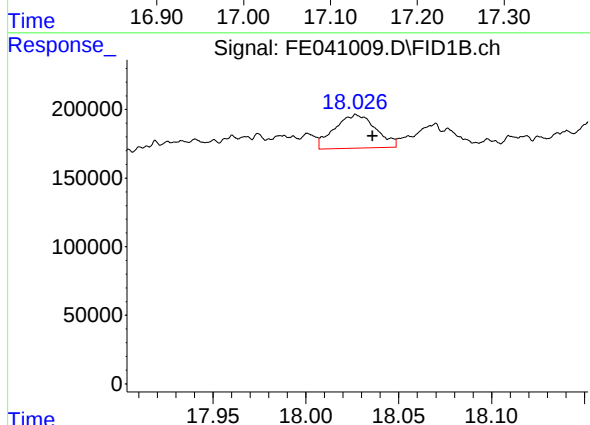
R.T.: 16.185 min
Delta R.T.: -0.012 min
Response: 214138
Conc: 1.26 ug/ml

Instrument :
FID_E
ClientSampleId :



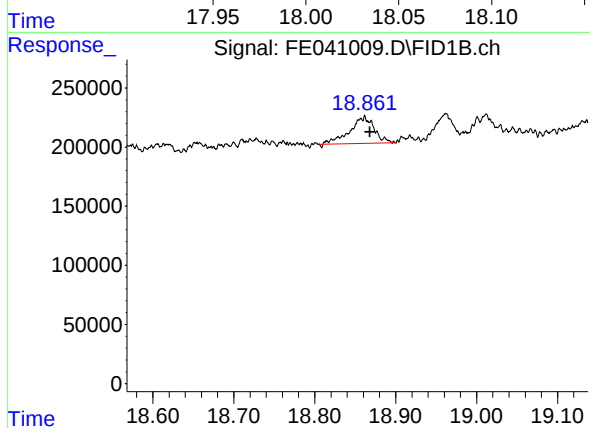
#16 n-Octacosane (C28)

R.T.: 17.147 min
Delta R.T.: 0.000 min
Response: 490691
Conc: 2.93 ug/ml



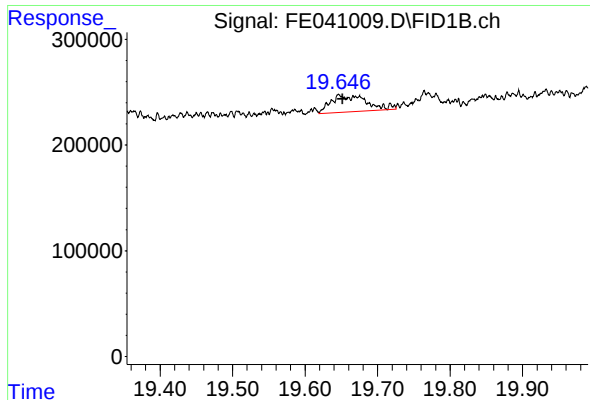
#17 n-Tricontane (C30)

R.T.: 18.027 min
Delta R.T.: -0.009 min
Response: 378602
Conc: 2.32 ug/ml



#18 n-Dotriacontane (C32)

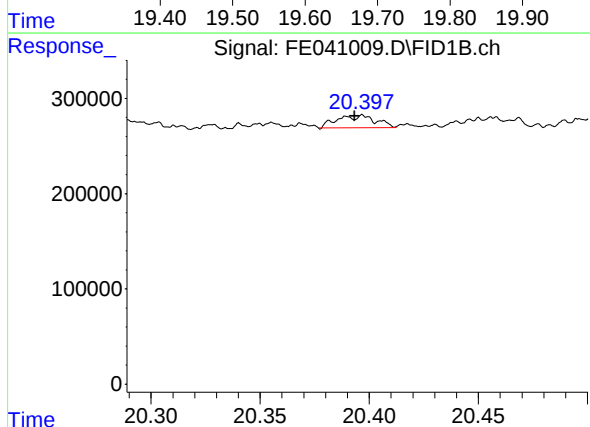
R.T.: 18.862 min
Delta R.T.: -0.006 min
Response: 472283
Conc: 2.76 ug/ml



#19 n-Tetratriacontane (C34)

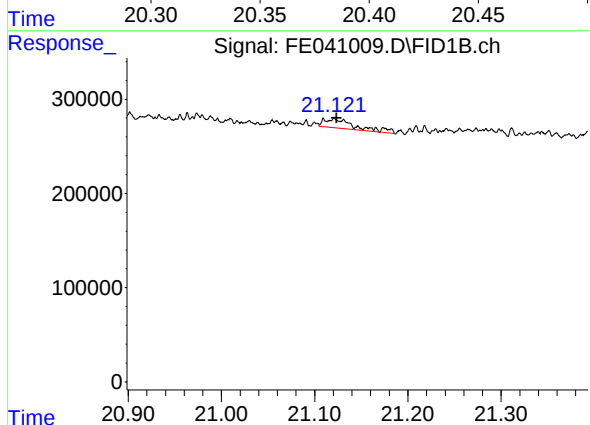
R.T.: 19.646 min
Delta R.T.: -0.006 min
Response: 539882
Conc: 3.49 ug/ml

Instrument :
FID_E
ClientSampleId :



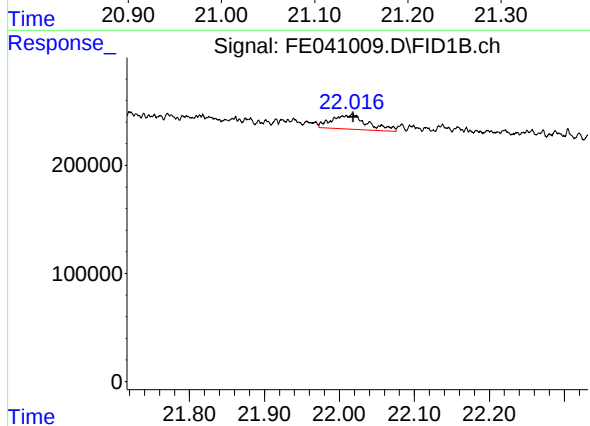
#20 n-Hexatriacontane (C36)

R.T.: 20.397 min
Delta R.T.: 0.004 min
Response: 159644
Conc: 1.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.121 min
Delta R.T.: -0.002 min
Response: 232937
Conc: 1.69 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.018 min
Delta R.T.: 0.000 min
Response: 436106
Conc: 2.82 ug/ml