

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050421AL\
 Data File : FD037328.D
 Signal(s) : FID2B.CH
 Acq On : 05 May 2021 1:23
 Operator : DD\AJ
 Sample : M2252-03
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 05 02:11:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:31:40 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)	11.486	6371300	54.565 ug/ml
Spiked Amount 50.000		Recovery =	109.13%
12) S 1-chlorooctadecane (S...	12.924	5352922	63.272 ug/ml
Spiked Amount 50.000		Recovery =	126.54%
Target Compounds			
6) T n-Tetradecane (C14)	8.135	229138	1.979 ug/ml
7) T n-Hexadecane (C16)	9.731	847122	7.705 ug/ml
8) T n-Octadecane (C18)	11.170	1676108	15.287 ug/ml
10) T n-Eicosane (C20)	12.476	1364664	12.865 ug/ml
11) T n-Heneicosane (C21)	13.090	2391559	22.764 ug/ml
13) T n-Docosane (C22)	13.678	7530396	73.253 ug/ml
14) T n-Tetracosane (C24)	14.769	11758762	116.086 ug/ml
15) T n-Hexacosane (C26)	15.776	39938299	408.912 ug/ml
16) T n-Octacosane (C28)	16.719	16488211	171.532 ug/ml
17) T n-Tricontane (C30)	17.614	32464943	337.583 ug/ml
18) T n-Dotriacontane (C32)	18.435	7104200	72.232 ug/ml
19) T n-Tetratriacontane (C34)	19.211	6328224	66.671 ug/ml
20) T n-Hexatriacontane (C36)	19.948	1809557	19.215 ug/ml
21) T n-Octatriacontane (C38)	20.652	124080	1.441 ug/ml
22) T n-Tetracontane (C40)	21.517	87114	0.908 ug/ml

(f)=RT Delta > 1/2 Window

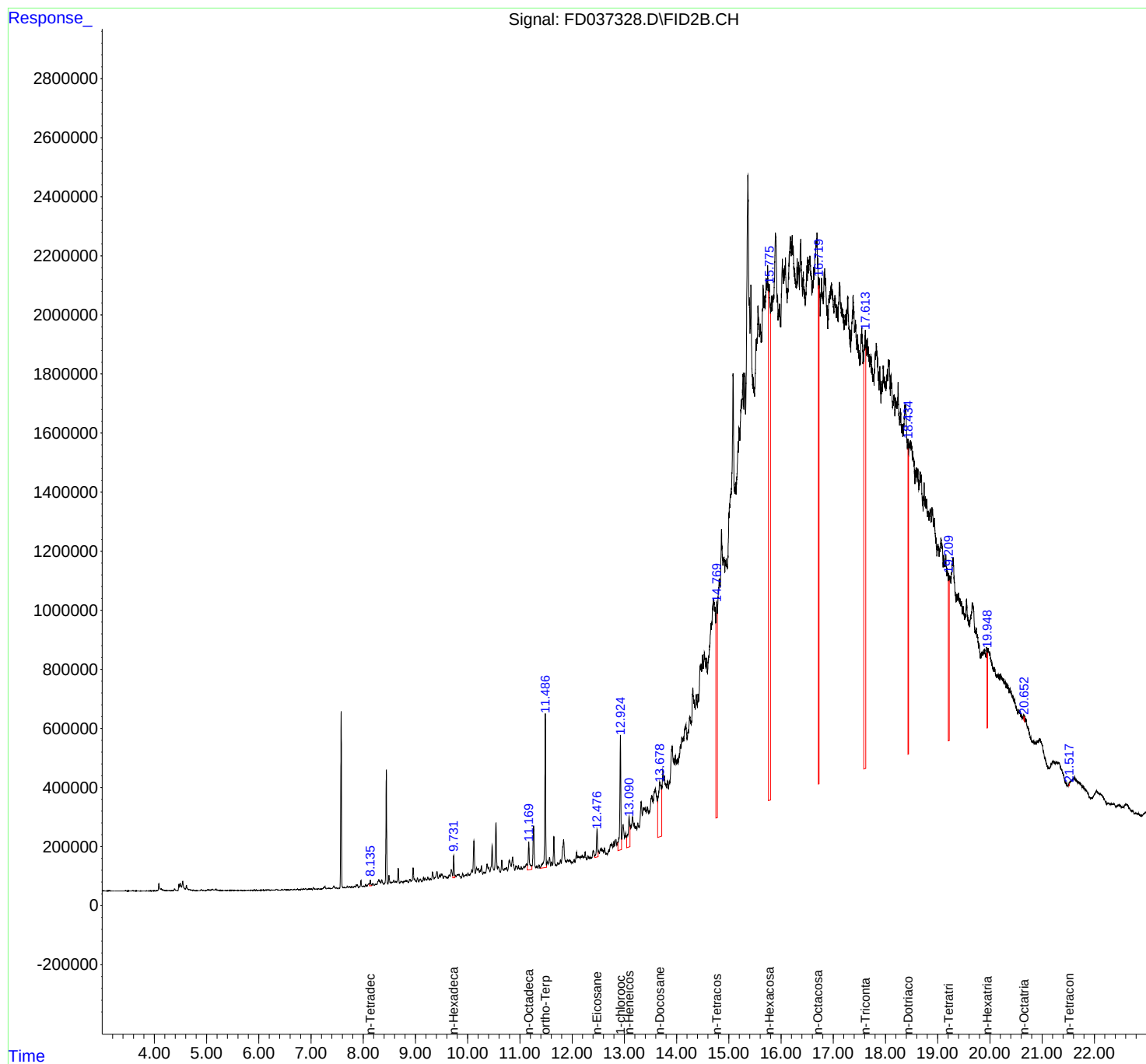
(m)=manual int.

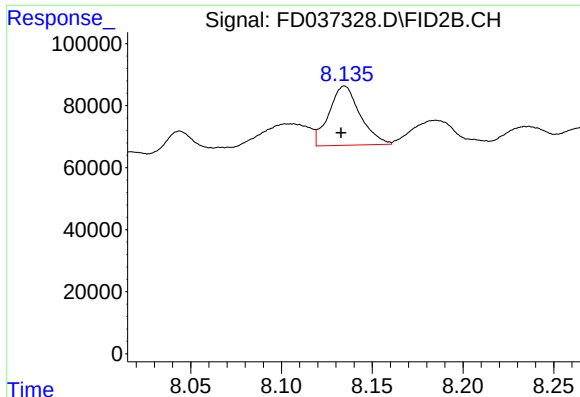
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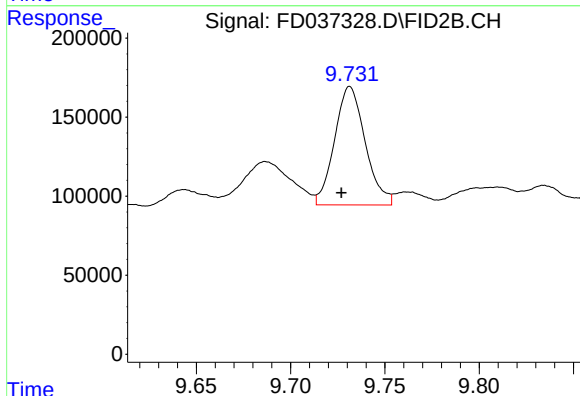




#6 n-Tetradecane (C14)

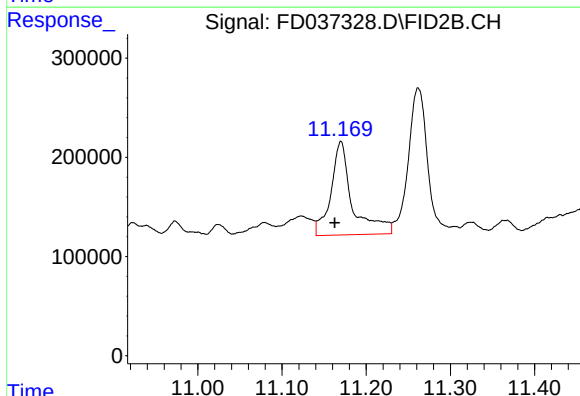
R.T.: 8.135 min
Delta R.T.: 0.002 min
Response: 229138
Conc: 1.98 ug/ml

Instrument :
FID_D
ClientSampleId :



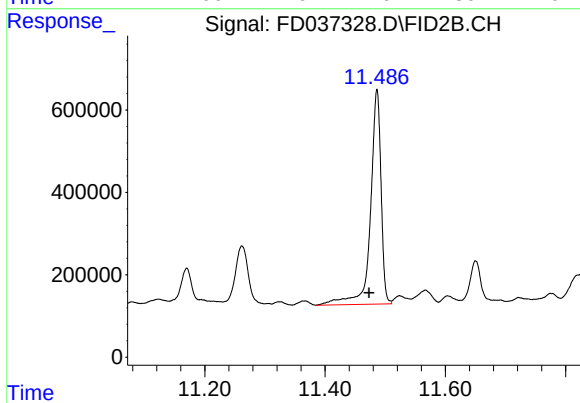
#7 n-Hexadecane (C16)

R.T.: 9.731 min
Delta R.T.: 0.004 min
Response: 847122
Conc: 7.71 ug/ml



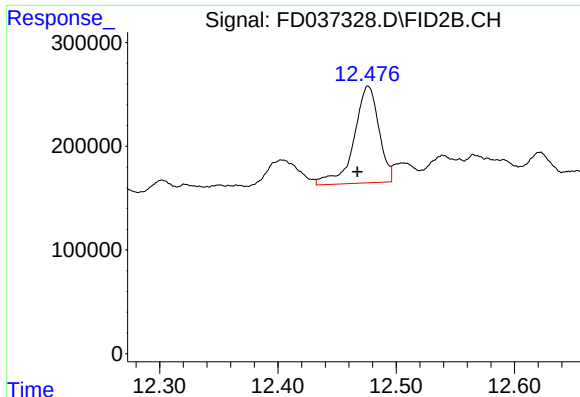
#8 n-Octadecane (C18)

R.T.: 11.170 min
Delta R.T.: 0.007 min
Response: 1676108
Conc: 15.29 ug/ml



#9 ortho-Terphenyl (SURR)

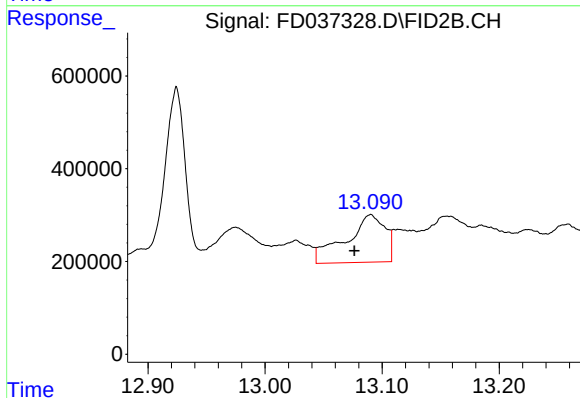
R.T.: 11.486 min
Delta R.T.: 0.013 min
Response: 6371300
Conc: 54.56 ug/ml



#10 n-Eicosane (C20)

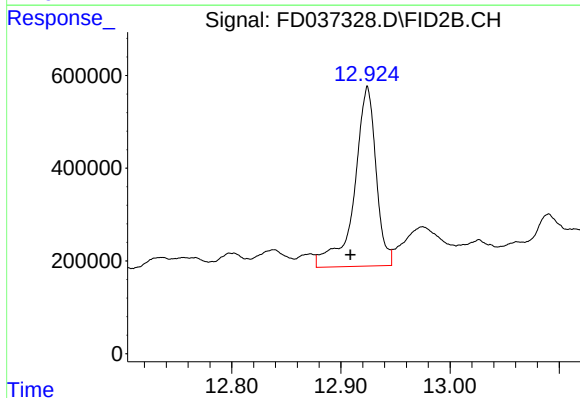
R.T.: 12.476 min
Delta R.T.: 0.009 min
Response: 1364664
Conc: 12.87 ug/ml

Instrument :
FID_D
ClientSampleId :



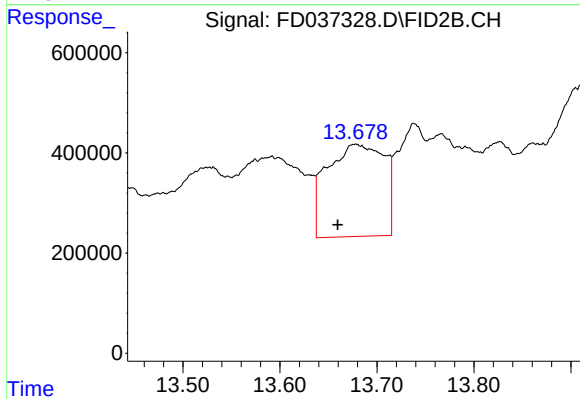
#11 n-Heneicosane (C21)

R.T.: 13.090 min
Delta R.T.: 0.014 min
Response: 2391559
Conc: 22.76 ug/ml



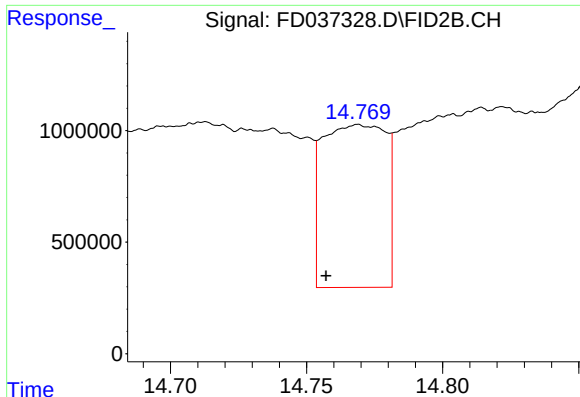
#12 1-chlorooctadecane (SURR)

R.T.: 12.924 min
Delta R.T.: 0.016 min
Response: 5352922
Conc: 63.27 ug/ml



#13 n-Docosane (C22)

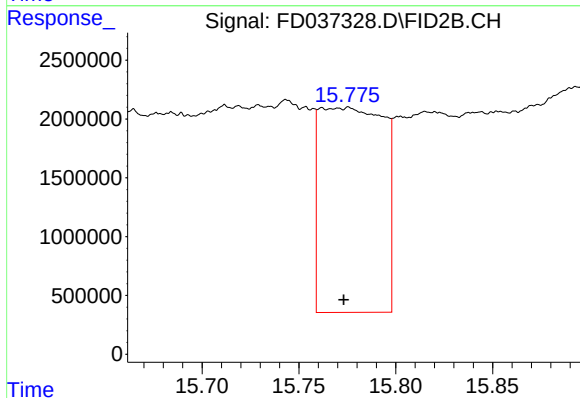
R.T.: 13.678 min
Delta R.T.: 0.018 min
Response: 7530396
Conc: 73.25 ug/ml



#14 n-Tetracosane (C24)

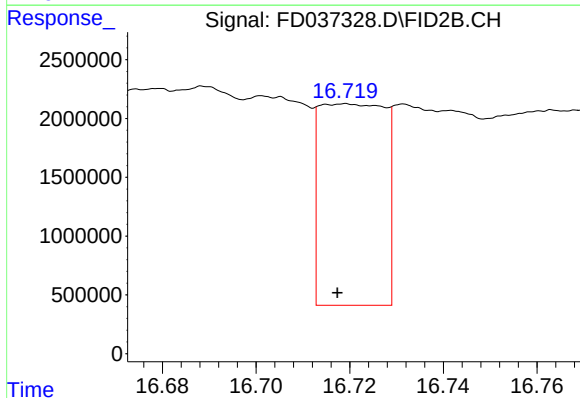
R.T.: 14.769 min
Delta R.T.: 0.012 min
Response: 11758762
Conc: 116.09 ug/ml

Instrument :
FID_D
ClientSampleId :



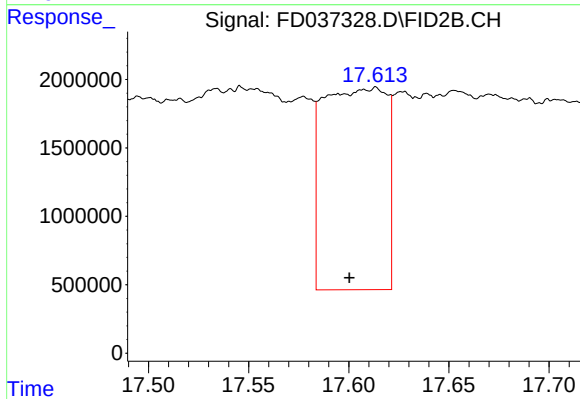
#15 n-Hexacosane (C26)

R.T.: 15.776 min
Delta R.T.: 0.003 min
Response: 39938299
Conc: 408.91 ug/ml



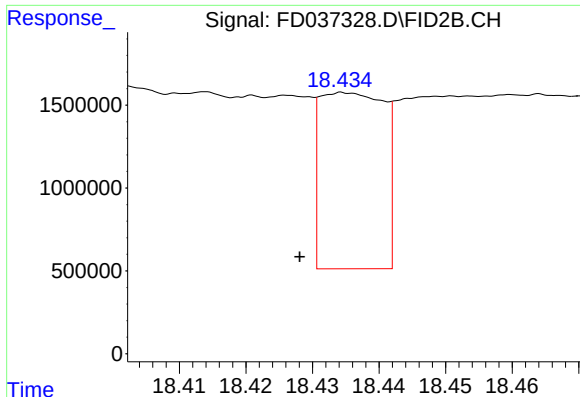
#16 n-Octacosane (C28)

R.T.: 16.719 min
Delta R.T.: 0.001 min
Response: 16488211
Conc: 171.53 ug/ml



#17 n-Tricontane (C30)

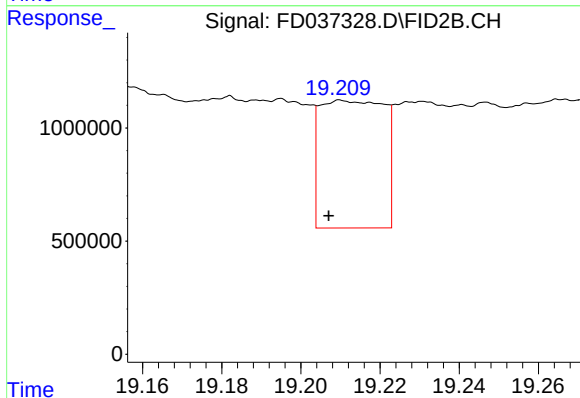
R.T.: 17.614 min
Delta R.T.: 0.013 min
Response: 32464943
Conc: 337.58 ug/ml



#18 n-Dotriacontane (C32)

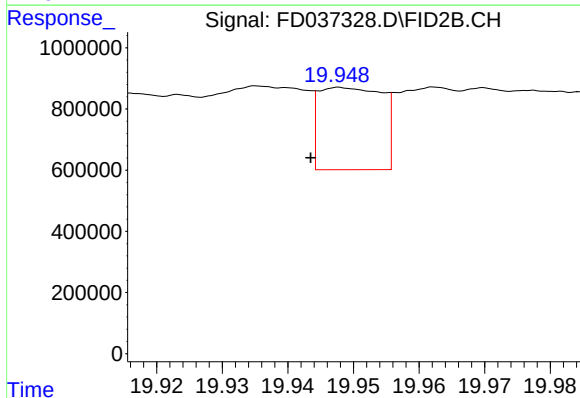
R.T.: 18.435 min
Delta R.T.: 0.007 min
Response: 7104200
Conc: 72.23 ug/ml

Instrument :
FID_D
ClientSampleId :



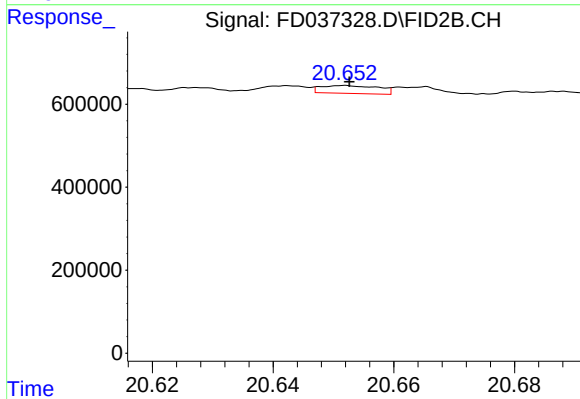
#19 n-Tetratriacontane (C34)

R.T.: 19.211 min
Delta R.T.: 0.004 min
Response: 6328224
Conc: 66.67 ug/ml



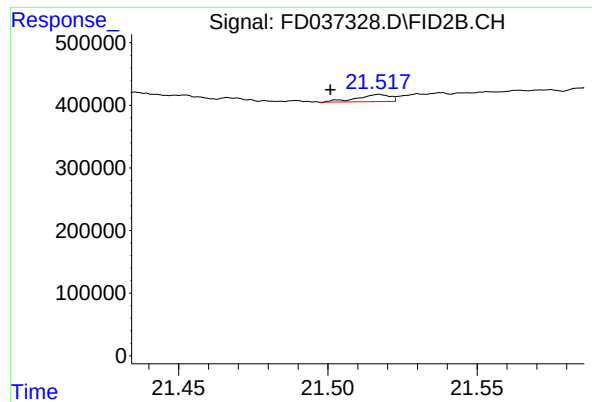
#20 n-Hexatriacontane (C36)

R.T.: 19.948 min
Delta R.T.: 0.005 min
Response: 1809557
Conc: 19.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.652 min
Delta R.T.: 0.000 min
Response: 124080
Conc: 1.44 ug/ml



#22 n-Tetracontane (C₄₀)

R.T.: 21.517 min
Delta R.T.: 0.016 min
Response: 87114
Conc: 0.91 ug/ml

Instrument :
FID_D
ClientSampleId :