

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032025AL\
 Data File : FF015700.D
 Signal(s) : FID2B.ch
 Acq On : 20 Mar 2025 14:28
 Operator : YP\AJ
 Sample : Q1574-01D
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 21 00:16:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 02:31:19 2025
 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)	11.923	97801	0.642 ug/ml
Spiked Amount 50.000		Recovery =	1.28%
12) S 1-chlorooctadecane (S...	13.379	7657116	67.468 ug/ml
Spiked Amount 50.000		Recovery =	134.94%
Target Compounds			
4) T n-Dodecane (C12)	6.735	142078	1.090 ug/ml
6) T n-Tetradecane (C14)	8.562	107345	0.829 ug/ml
7) T n-Hexadecane (C16)	10.169	115877	0.867 ug/ml
8) T n-Octadecane (C18)	11.612	249272	1.810 ug/ml
10) T n-Eicosane (C20)	12.928	432930	3.212 ug/ml
11) T n-Heneicosane (C21)	13.546	1123809	8.409 ug/ml
13) T n-Docosane (C22)	14.134	4517852	33.761 ug/ml
14) T n-Tetracosane (C24)	15.242	4311950	32.209 ug/ml
15) T n-Hexacosane (C26)	16.228	6152324	47.040 ug/ml
16) T n-Octacosane (C28)	17.229	6432621	49.242 ug/ml
17) T n-Tricontane (C30)	18.113	1236693	9.171 ug/ml
18) T n-Dotriacontane (C32)	18.916	255772	1.961 ug/ml
19) T n-Tetratriacontane (C34)	19.758f	3275993	28.064 ug/ml
20) T n-Hexatriacontane (C36)	20.418	370529	3.733 ug/ml
22) T n-Tetracontane (C40)	22.117	906793	11.299 ug/ml

(f)=RT Delta > 1/2 Window

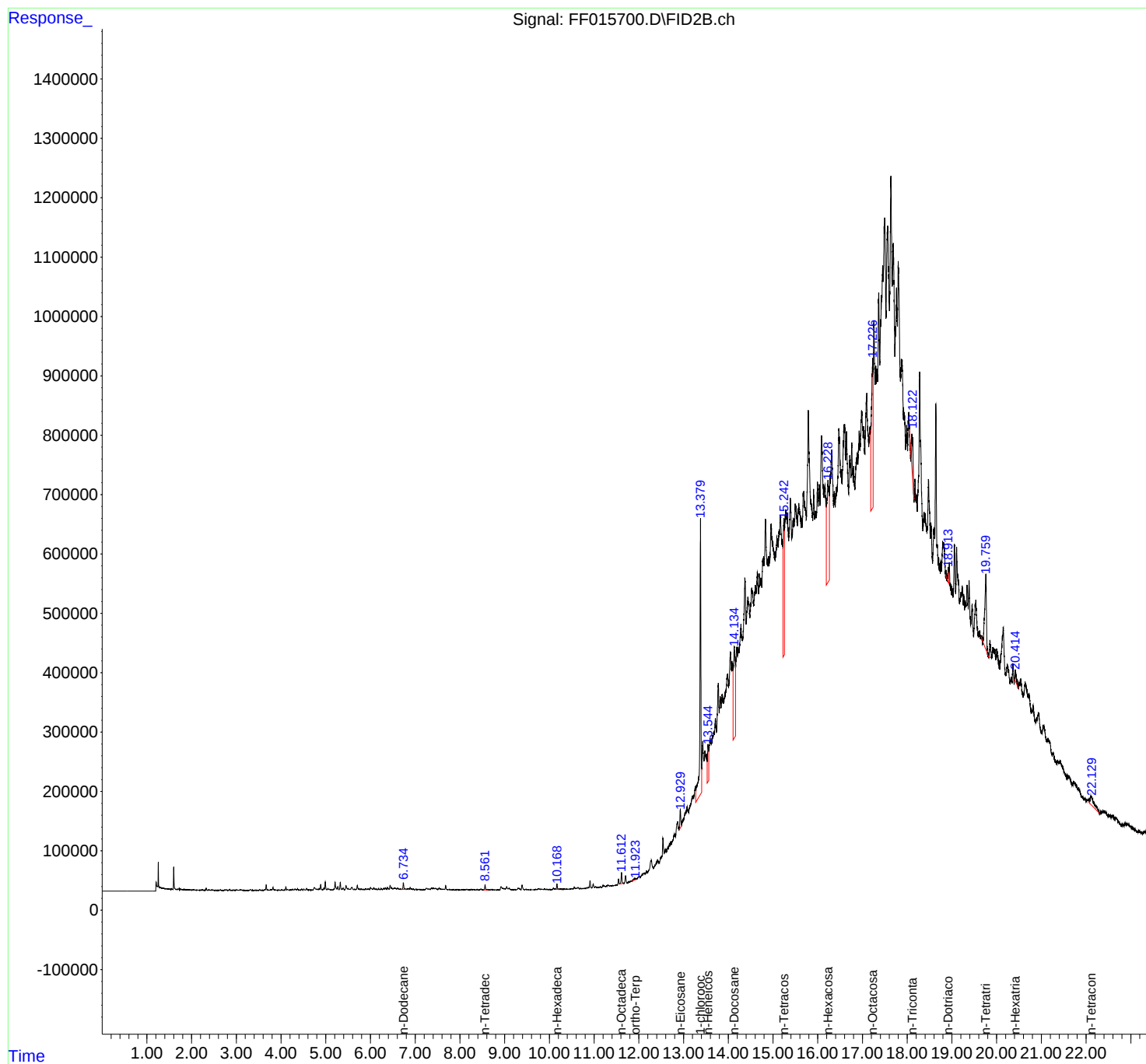
(m)=manual int.

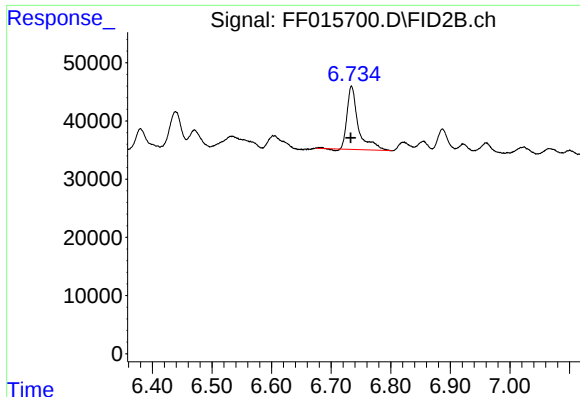
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Signal Info : 20M x 0.18mm x 0.18um

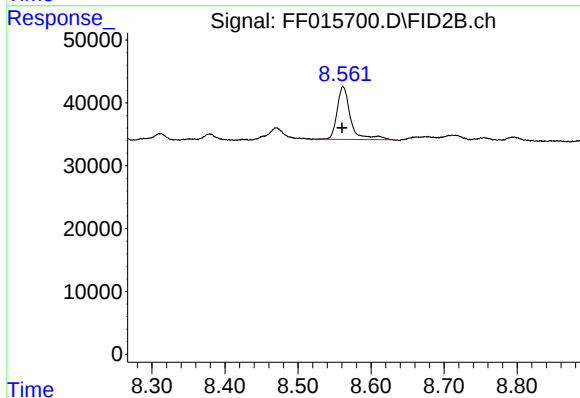




#4 n-Dodecane (C12)

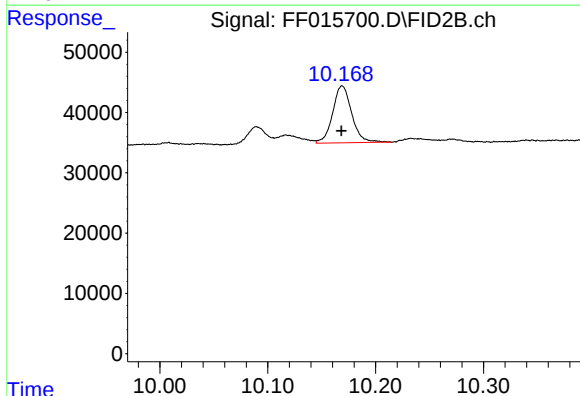
R.T.: 6.735 min
Delta R.T.: 0.002 min
Response: 142078
Conc: 1.09 ug/ml

Instrument :
FID_F
ClientSampleId :



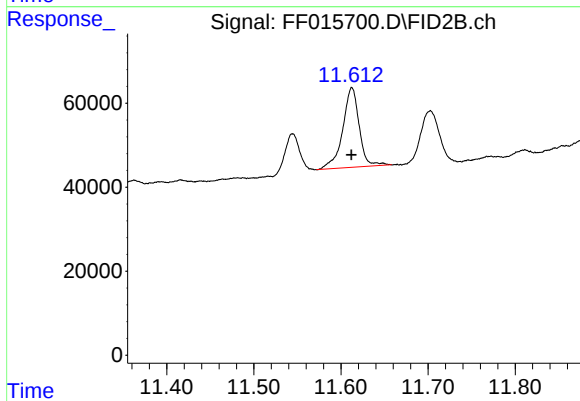
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: 0.002 min
Response: 107345
Conc: 0.83 ug/ml



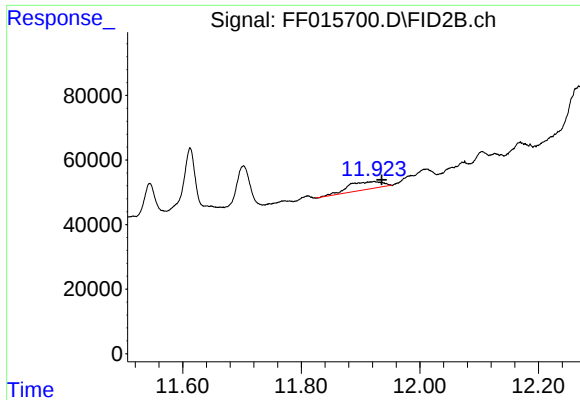
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 115877
Conc: 0.87 ug/ml



#8 n-Octadecane (C18)

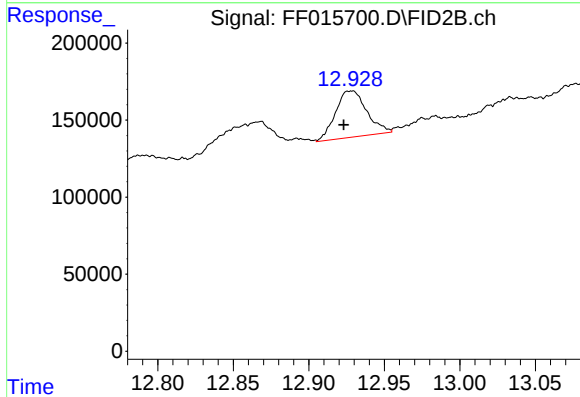
R.T.: 11.612 min
Delta R.T.: 0.000 min
Response: 249272
Conc: 1.81 ug/ml



#9 ortho-Terphenyl (SURR)

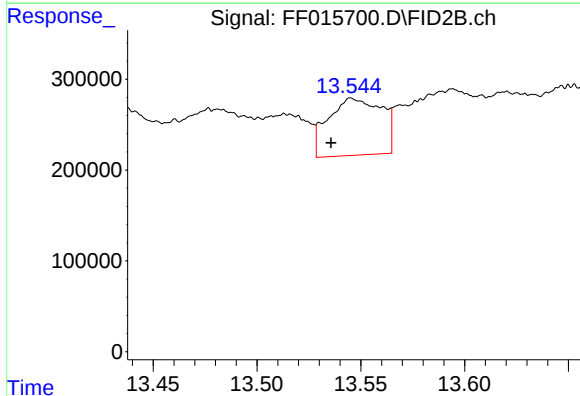
R.T.: 11.923 min
Delta R.T.: -0.013 min
Response: 97801
Conc: 0.64 ug/ml

Instrument :
FID_F
ClientSampleId :



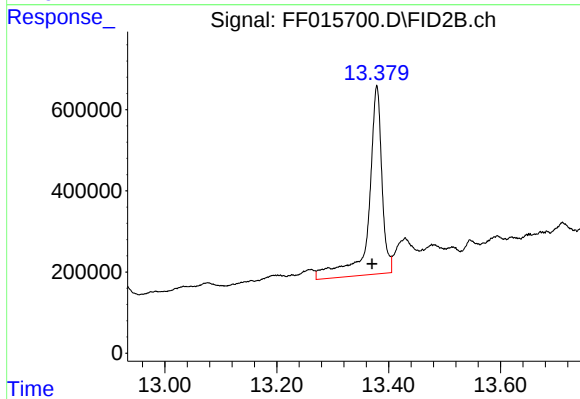
#10 n-Eicosane (C20)

R.T.: 12.928 min
Delta R.T.: 0.005 min
Response: 432930
Conc: 3.21 ug/ml



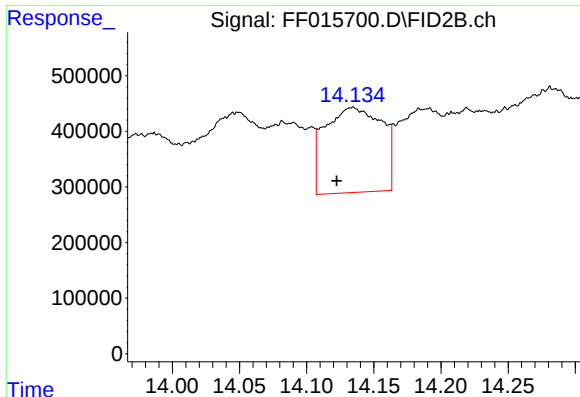
#11 n-Heneicosane (C21)

R.T.: 13.546 min
Delta R.T.: 0.011 min
Response: 1123809
Conc: 8.41 ug/ml



#12 1-chlorooctadecane (SURR)

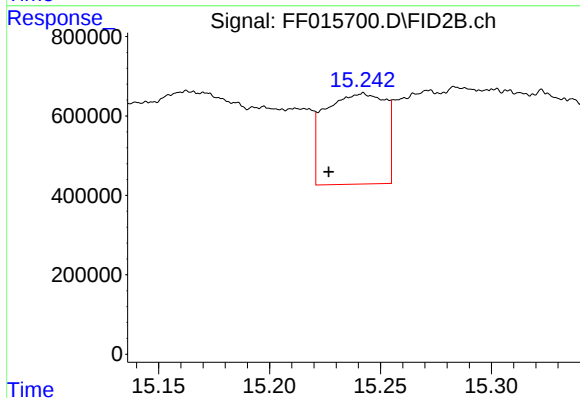
R.T.: 13.379 min
Delta R.T.: 0.008 min
Response: 7657116
Conc: 67.47 ug/ml



#13 n-Docosane (C22)

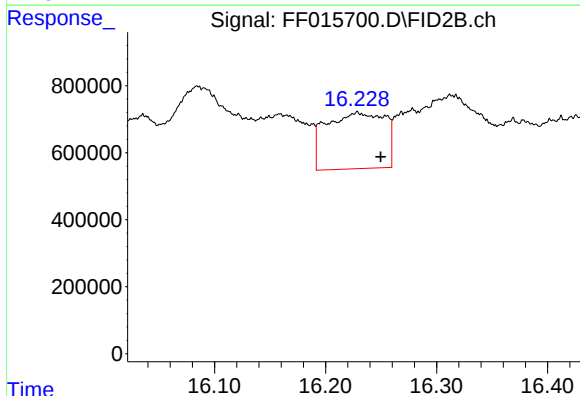
R.T.: 14.134 min
Delta R.T.: 0.012 min
Response: 4517852
Conc: 33.76 ug/ml

Instrument :
FID_F
ClientSampleId :



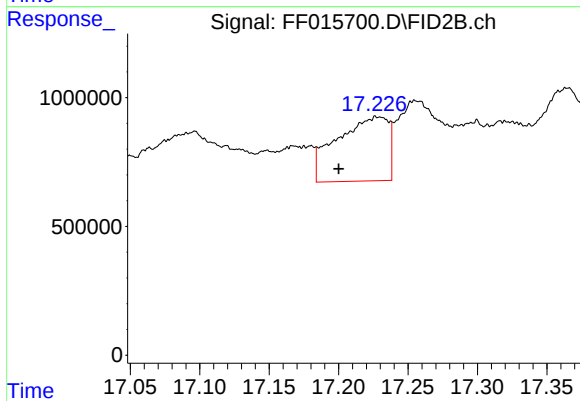
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: 0.015 min
Response: 4311950
Conc: 32.21 ug/ml



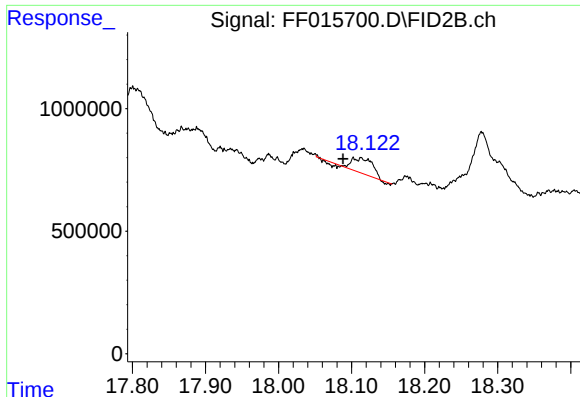
#15 n-Hexacosane (C26)

R.T.: 16.228 min
Delta R.T.: -0.021 min
Response: 6152324
Conc: 47.04 ug/ml



#16 n-Octacosane (C28)

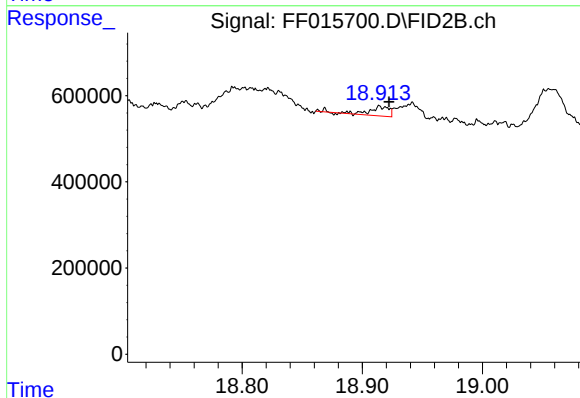
R.T.: 17.229 min
Delta R.T.: 0.028 min
Response: 6432621
Conc: 49.24 ug/ml



#17 n-Tricontane (C30)

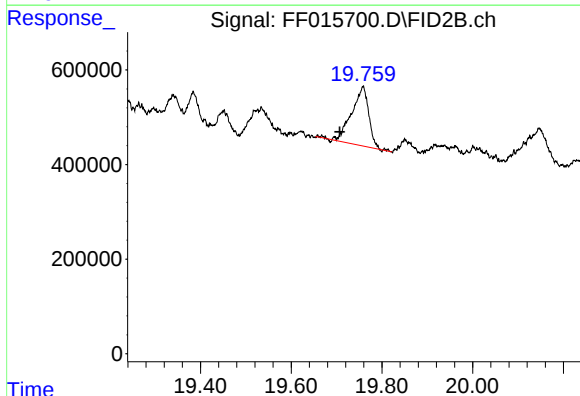
R.T.: 18.113 min
Delta R.T.: 0.024 min
Response: 1236693
Conc: 9.17 ug/ml

Instrument :
FID_F
ClientSampleId :



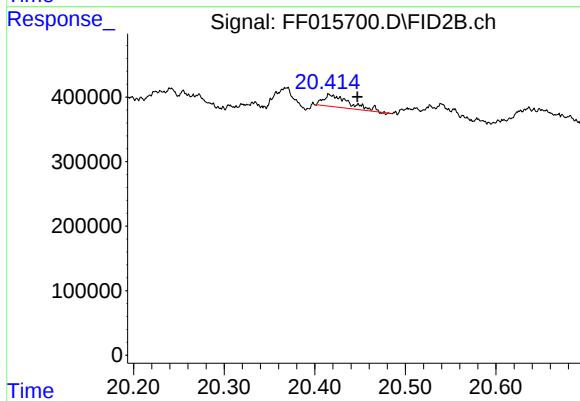
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: -0.006 min
Response: 255772
Conc: 1.96 ug/ml



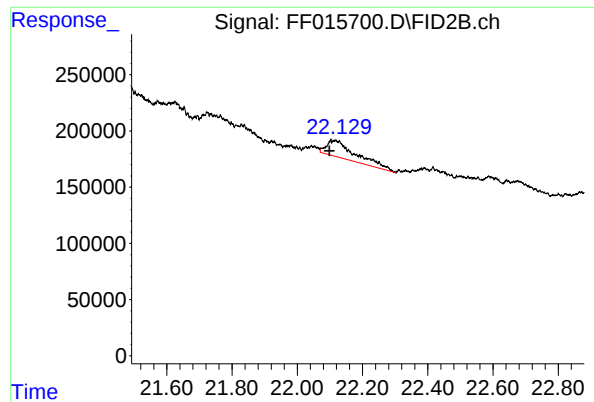
#19 n-Tetratriacontane (C34)

R.T.: 19.758 min
Delta R.T.: 0.051 min
Response: 3275993
Conc: 28.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.418 min
Delta R.T.: -0.030 min
Response: 370529
Conc: 3.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.117 min
Delta R.T.: 0.018 min
Response: 906793
Conc: 11.30 ug/ml

Instrument :
FID_F
ClientSampleId :