

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111725AL\
 Data File : FE056881.D
 Signal(s) : FID1B.ch
 Acq On : 17 Nov 2025 20:11
 Operator : YP\AJ
 Sample : Q3646-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 18 11:46:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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)	11.998	190631	0.912 ug/ml
Spiked Amount 50.000		Recovery =	1.82%
12) S 1-chlorooctadecane (S...	13.430	645520	4.007 ug/ml
Spiked Amount 50.000		Recovery =	8.01%
Target Compounds			
6) T n-Tetradecane (C14)	8.567	226336	1.297 ug/ml
7) T n-Hexadecane (C16)	10.179	223586	1.222 ug/ml
8) T n-Octadecane (C18)	11.626	353994	1.870 ug/ml
10) T n-Eicosane (C20)	12.937	498719	2.676 ug/ml
11) T n-Heneicosane (C21)	13.607	211716	1.151 ug/ml
13) T n-Docosane (C22)	14.188	318947	1.704 ug/ml
14) T n-Tetracosane (C24)	15.248	681298	3.478 ug/ml
15) T n-Hexacosane (C26)	16.270	140612	0.724 ug/ml
16) T n-Octacosane (C28)	17.270	195615	1.010 ug/ml
17) T n-Tricontane (C30)	18.166	62988	0.314 ug/ml
18) T n-Dotriacontane (C32)	19.002	41442	0.211 ug/ml
19) T n-Tetratriacontane (C34)	19.770	284962	1.651 ug/ml
20) T n-Hexatriacontane (C36)	20.470	277445	1.918 ug/ml
21) T n-Octatriacontane (C38)	21.218	171514	1.363 ug/ml
22) T n-Tetracontane (C40)	22.164	437409	3.783 ug/ml

(f)=RT Delta > 1/2 Window

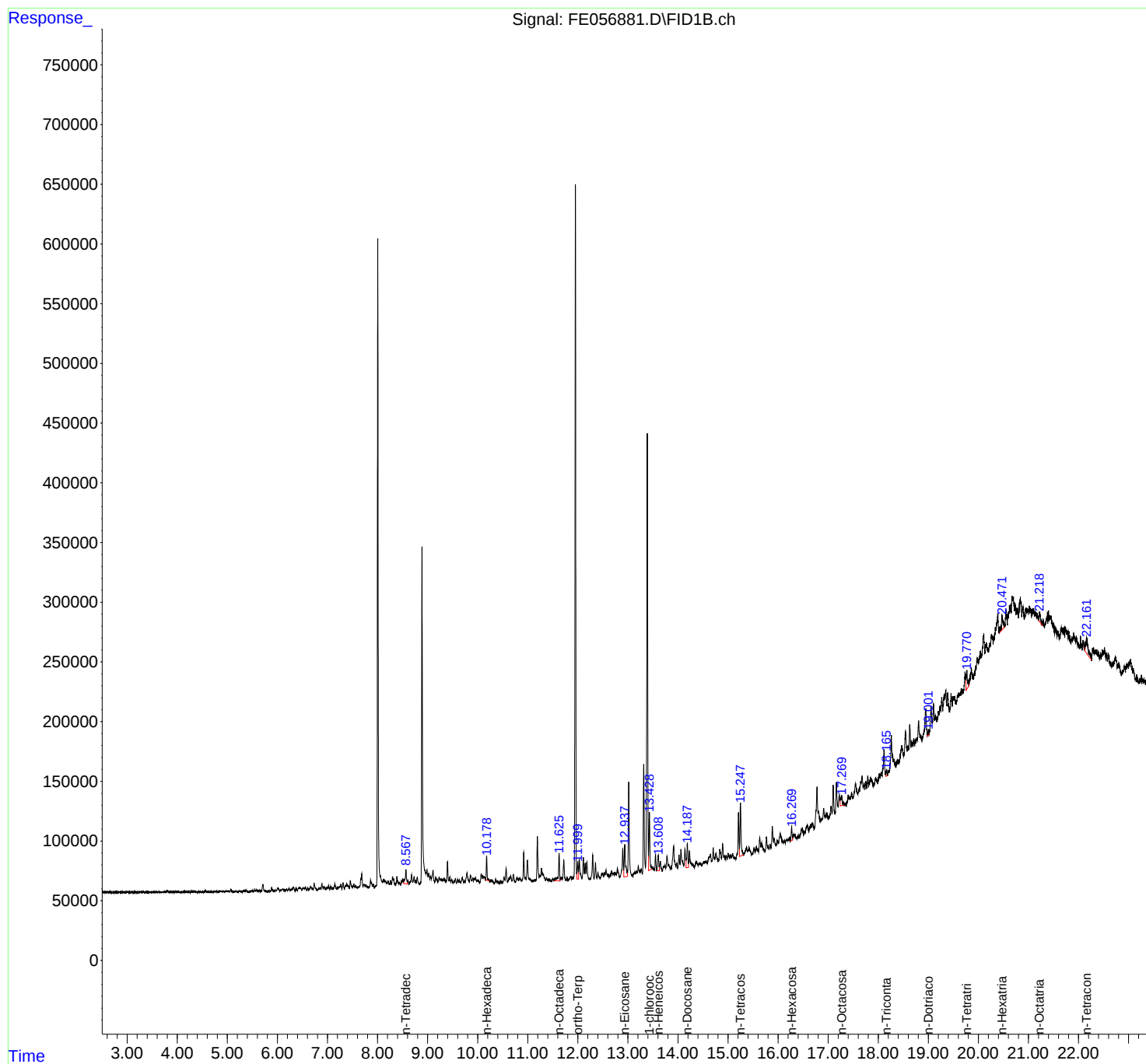
(m)=manual int.

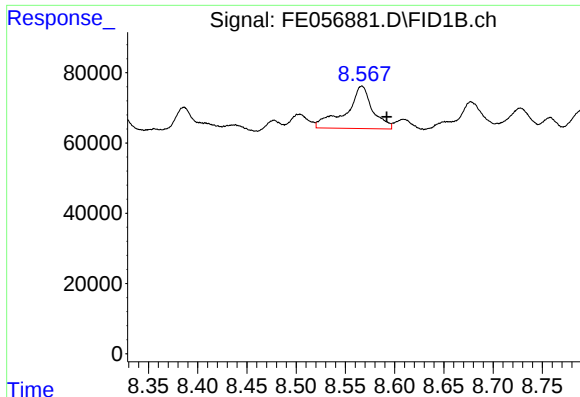
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111725AL\
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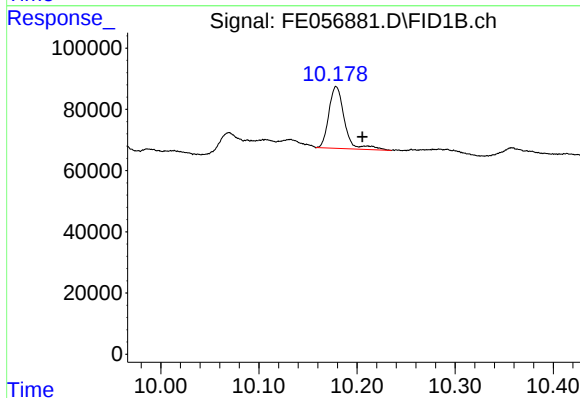




#6 n-Tetradecane (C14)

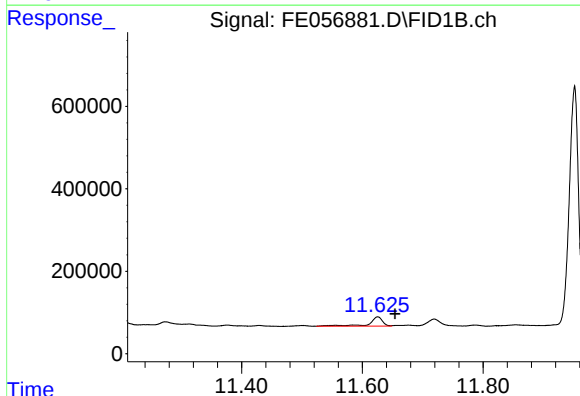
R.T.: 8.567 min
Delta R.T.: -0.025 min
Response: 226336
Conc: 1.30 ug/ml

Instrument :
FID_E
ClientSampleId :



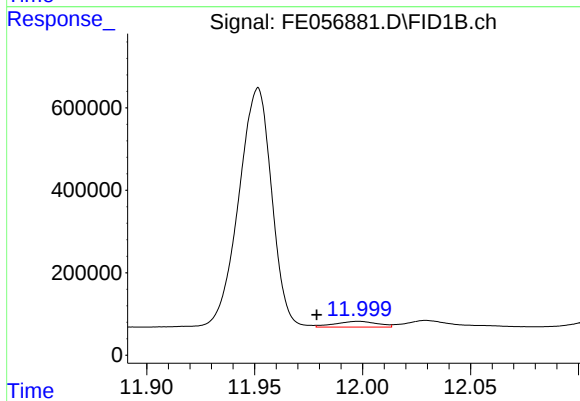
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: -0.027 min
Response: 223586
Conc: 1.22 ug/ml



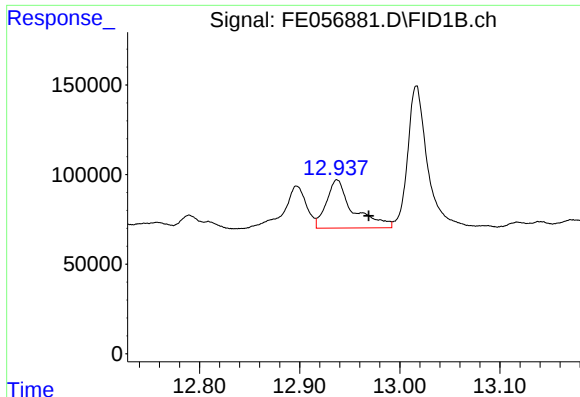
#8 n-Octadecane (C18)

R.T.: 11.626 min
Delta R.T.: -0.029 min
Response: 353994
Conc: 1.87 ug/ml



#9 ortho-Terphenyl (SURR)

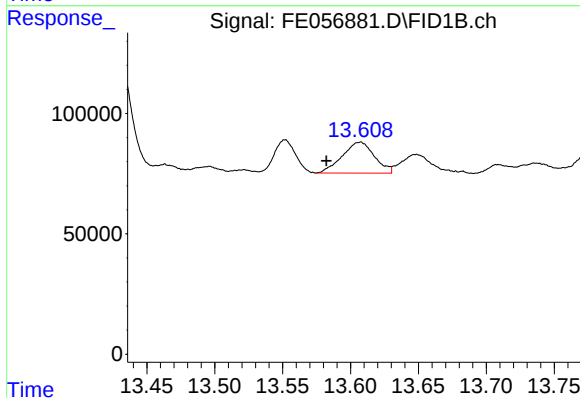
R.T.: 11.998 min
Delta R.T.: 0.019 min
Response: 190631
Conc: 0.91 ug/ml



#10 n-Eicosane (C20)

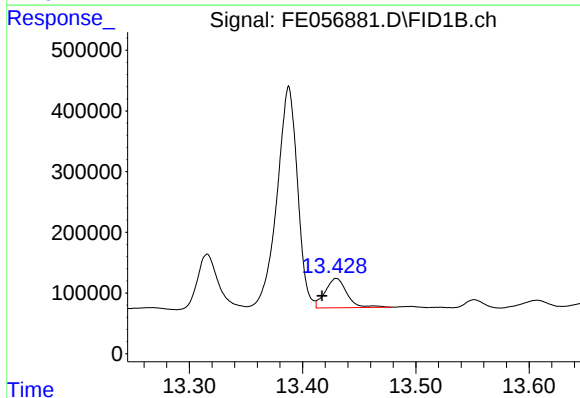
R.T.: 12.937 min
Delta R.T.: -0.032 min
Response: 498719
Conc: 2.68 ug/ml

Instrument :
FID_E
ClientSampleId :



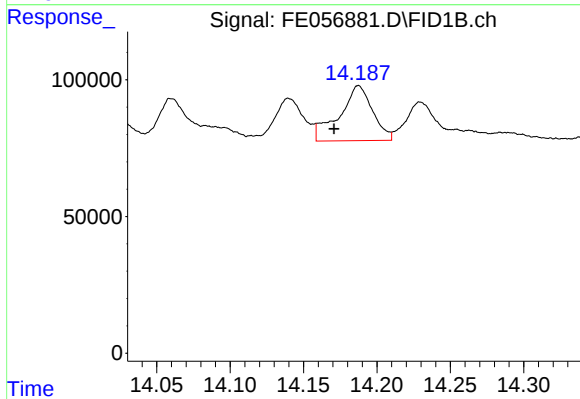
#11 n-Heneicosane (C21)

R.T.: 13.607 min
Delta R.T.: 0.024 min
Response: 211716
Conc: 1.15 ug/ml



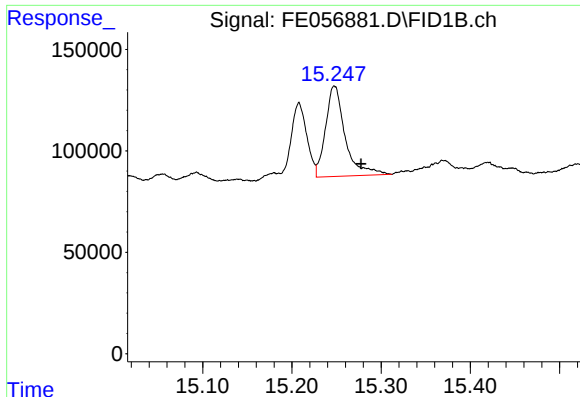
#12 1-chlorooctadecane (SURR)

R.T.: 13.430 min
Delta R.T.: 0.013 min
Response: 645520
Conc: 4.01 ug/ml



#13 n-Docosane (C22)

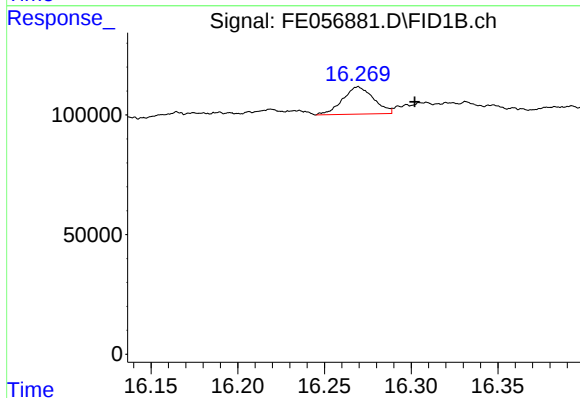
R.T.: 14.188 min
Delta R.T.: 0.017 min
Response: 318947
Conc: 1.70 ug/ml



#14 n-Tetracosane (C24)

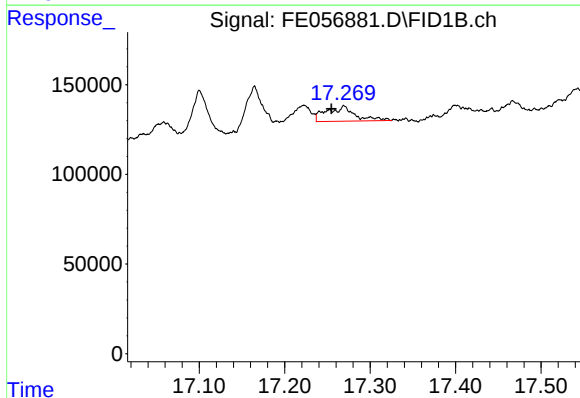
R.T.: 15.248 min
Delta R.T.: -0.030 min
Response: 681298
Conc: 3.48 ug/ml

Instrument :
FID_E
ClientSampleId :



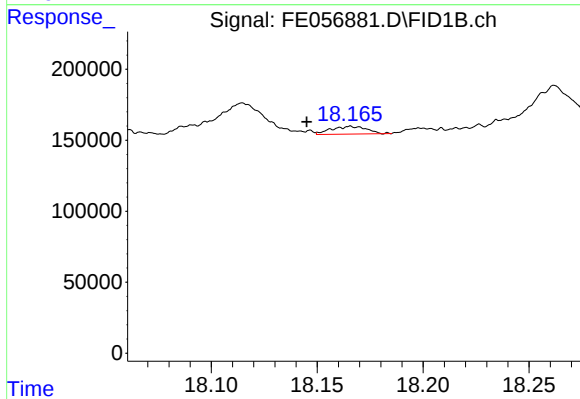
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: -0.032 min
Response: 140612
Conc: 0.72 ug/ml



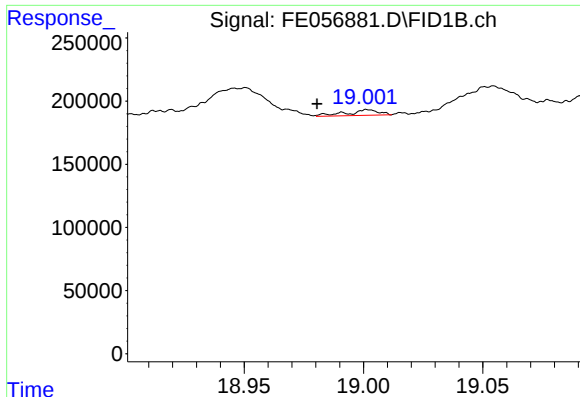
#16 n-Octacosane (C28)

R.T.: 17.270 min
Delta R.T.: 0.015 min
Response: 195615
Conc: 1.01 ug/ml



#17 n-Tricontane (C30)

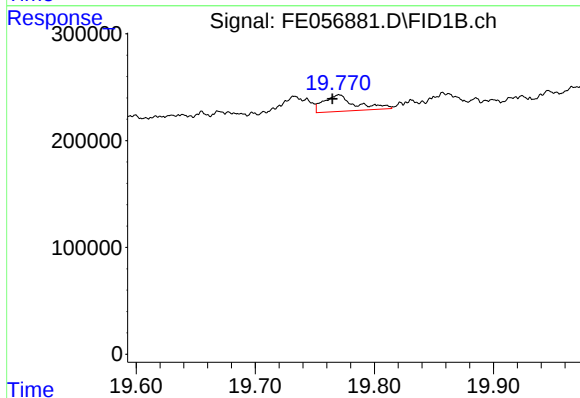
R.T.: 18.166 min
Delta R.T.: 0.021 min
Response: 62988
Conc: 0.31 ug/ml



#18 n-Dotriacontane (C32)

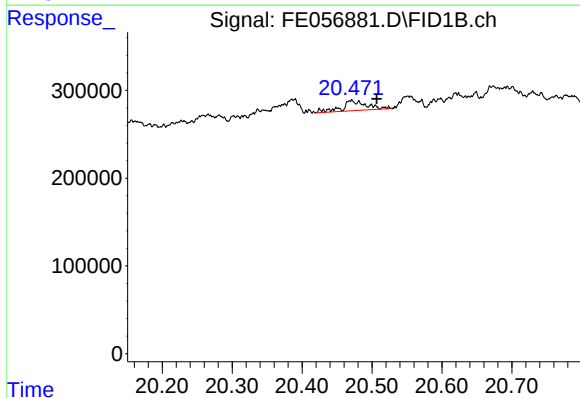
R.T.: 19.002 min
Delta R.T.: 0.022 min
Response: 41442
Conc: 0.21 ug/ml

Instrument :
FID_E
ClientSampleId :



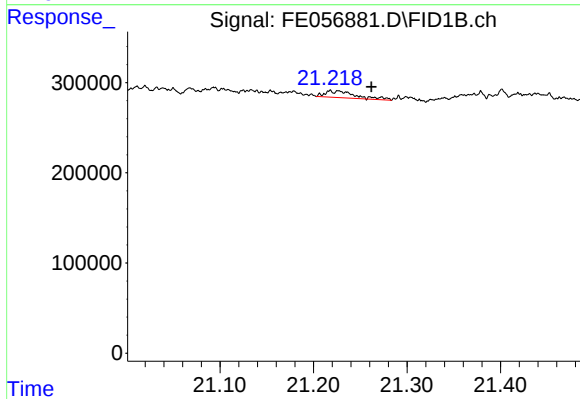
#19 n-Tetratriacontane (C34)

R.T.: 19.770 min
Delta R.T.: 0.005 min
Response: 284962
Conc: 1.65 ug/ml



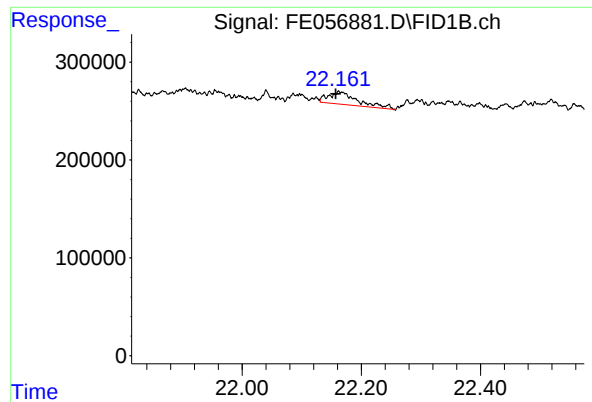
#20 n-Hexatriacontane (C36)

R.T.: 20.470 min
Delta R.T.: -0.037 min
Response: 277445
Conc: 1.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.218 min
Delta R.T.: -0.043 min
Response: 171514
Conc: 1.36 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.164 min
Delta R.T.: 0.007 min
Response: 437409
Conc: 3.78 ug/ml

Instrument :

FID_E

ClientSampleId :