

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052224AL\
 Data File : FE048335.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2024 19:53
 Operator : YP\AJ
 Sample : P2555-01DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 23 01:38:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 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)	11.959	646550	4.482 ug/ml
Spiked Amount 50.000		Recovery =	8.96%
12) S 1-chlorooctadecane (S...	13.379	1937377	17.338 ug/ml
Spiked Amount 50.000		Recovery =	34.68%
Target Compounds			
5) T A~2-methylnaphthalene...	7.402	77894	0.585 ug/ml
6) T n-Tetradecane (C14)	8.587	139146	1.050 ug/ml
7) T n-Hexadecane (C16)	10.196	272171	1.979 ug/ml
8) T n-Octadecane (C18)	11.638	240861	1.729 ug/ml
10) T n-Eicosane (C20)	12.947	202284	1.502 ug/ml
11) T n-Heneicosane (C21)	13.577	677934	5.121 ug/ml
13) T n-Docosane (C22)	14.147	99158	0.748 ug/ml
14) T n-Tetracosane (C24)	15.246	57879	0.435 ug/ml
16) T n-Octacosane (C28)	17.218	9179	0.069 ug/ml
17) T n-Tricontane (C30)	18.106	1058118	7.667 ug/ml
18) T n-Dotriacontane (C32)	18.938	227552	1.647 ug/ml
19) T n-Tetratriacontane (C34)	19.721	214785	1.577 ug/ml
20) T n-Hexatriacontane (C36)	20.459	464982	3.434 ug/ml
21) T n-Octatriacontane (C38)	21.156f	299822	2.172 ug/ml
22) T n-Tetracontane (C40)	22.086	1528013	10.968 ug/ml

(f)=RT Delta > 1/2 Window

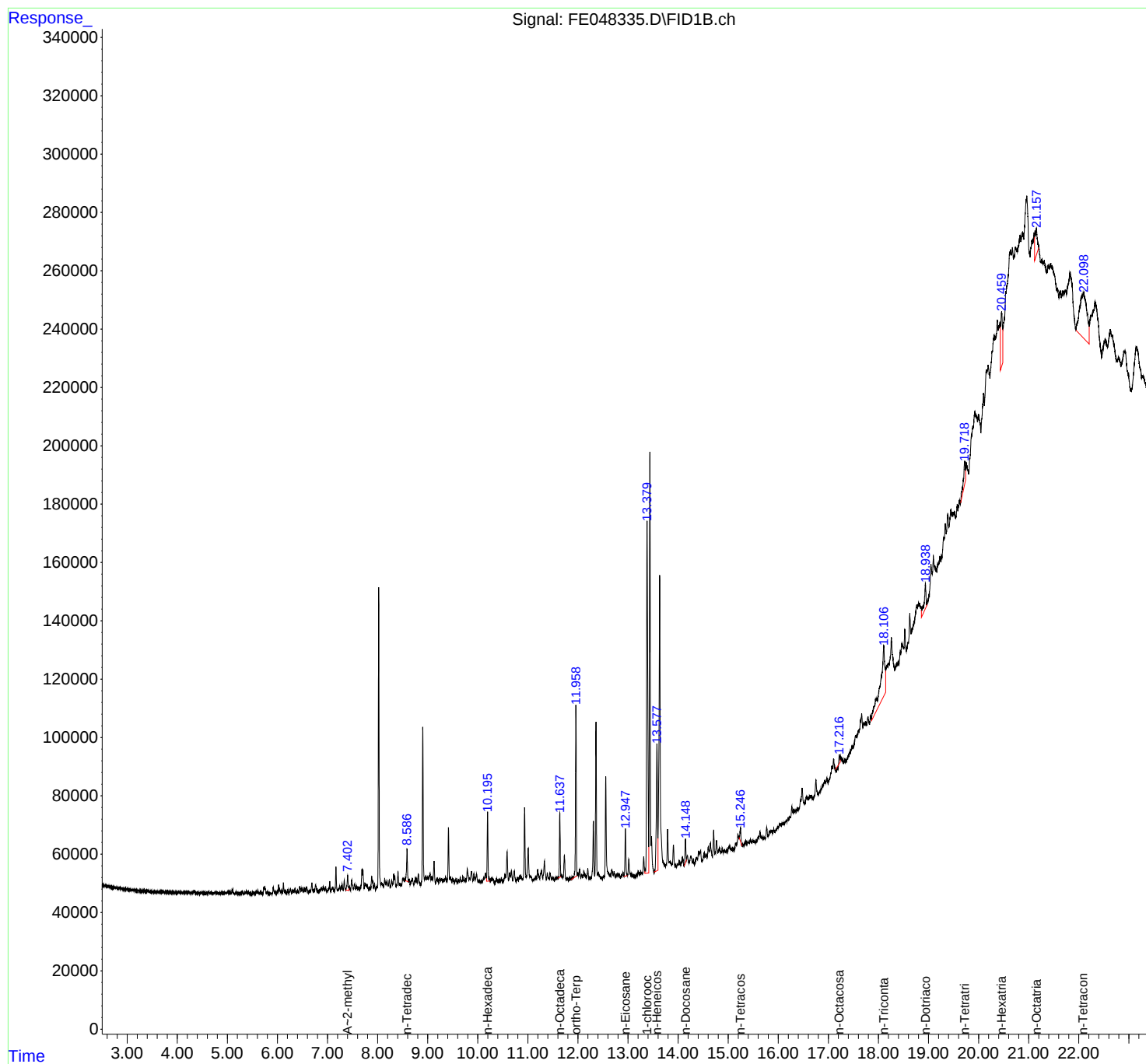
(m)=manual int.

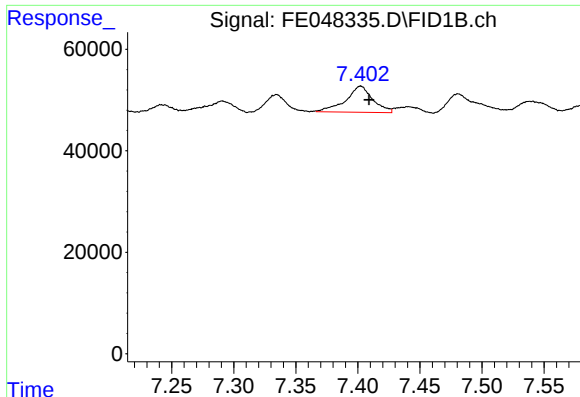
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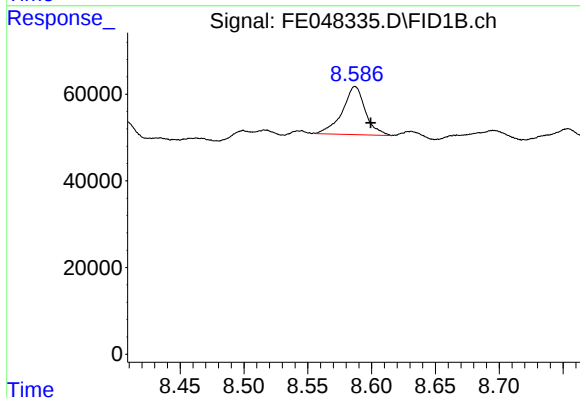




#5 A~2-methylnaphthalene (C12.89)

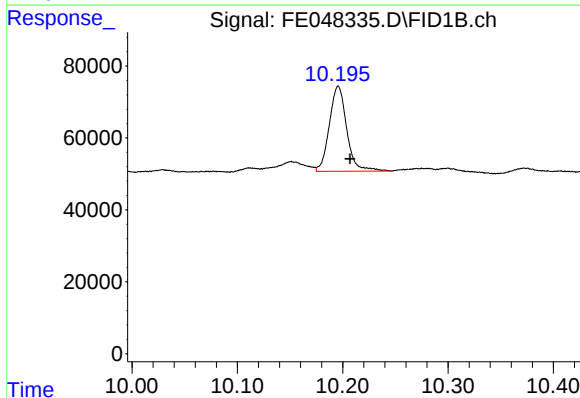
R.T.: 7.402 min
Delta R.T.: -0.007 min
Response: 77894
Conc: 0.59 ug/ml

Instrument :
FID_E
ClientSampleId :



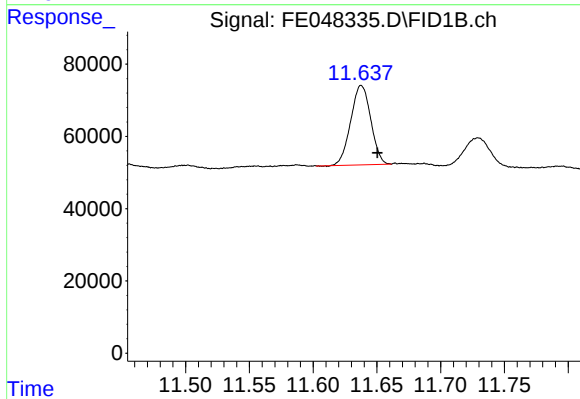
#6 n-Tetradecane (C14)

R.T.: 8.587 min
Delta R.T.: -0.012 min
Response: 139146
Conc: 1.05 ug/ml



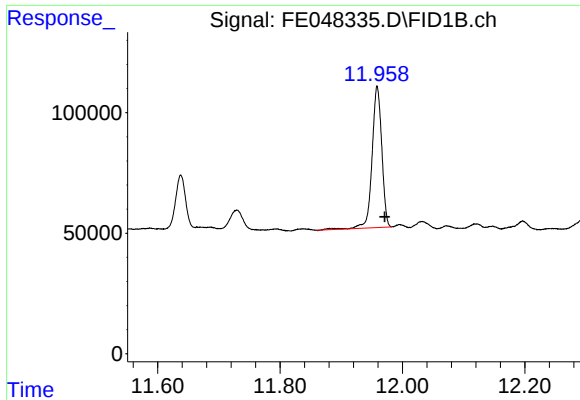
#7 n-Hexadecane (C16)

R.T.: 10.196 min
Delta R.T.: -0.011 min
Response: 272171
Conc: 1.98 ug/ml



#8 n-Octadecane (C18)

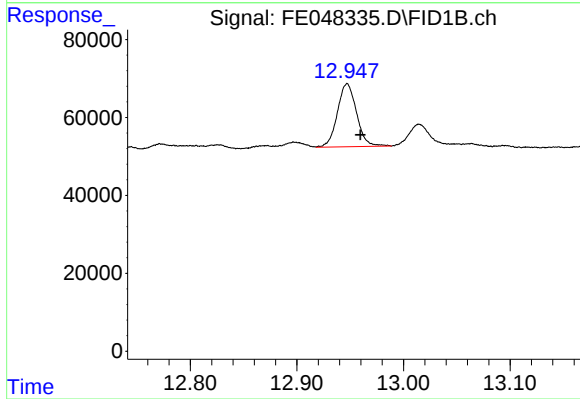
R.T.: 11.638 min
Delta R.T.: -0.013 min
Response: 240861
Conc: 1.73 ug/ml



#9 ortho-Terphenyl (SURR)

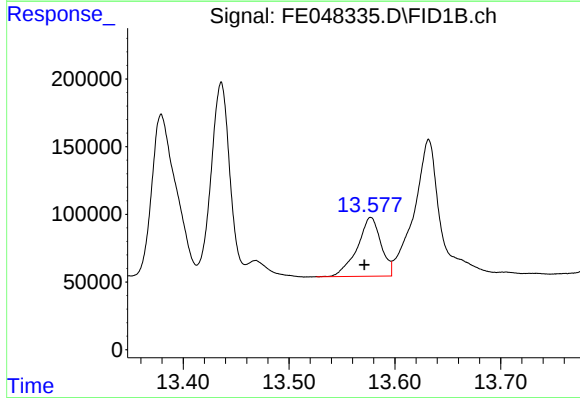
R.T.: 11.959 min
Delta R.T.: -0.012 min
Response: 646550
Conc: 4.48 ug/ml

Instrument :
FID_E
ClientSampleId :



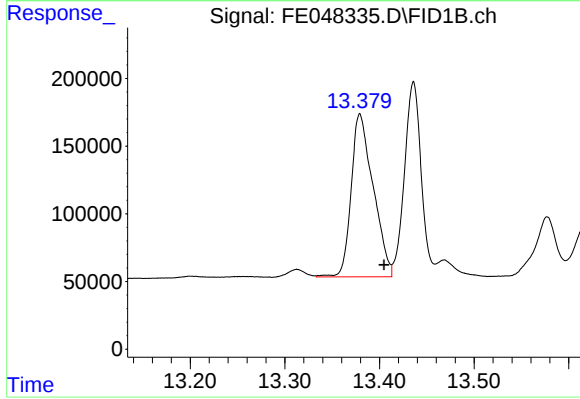
#10 n-Eicosane (C20)

R.T.: 12.947 min
Delta R.T.: -0.012 min
Response: 202284
Conc: 1.50 ug/ml



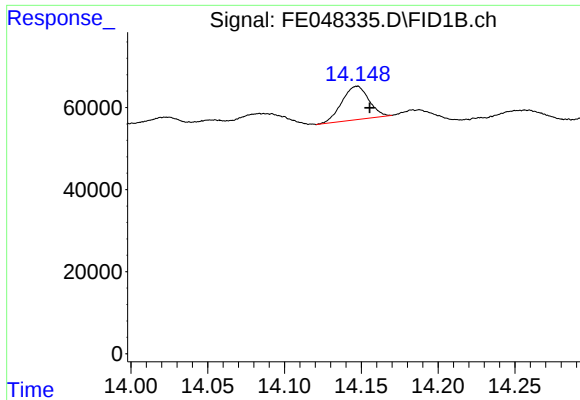
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: 0.006 min
Response: 677934
Conc: 5.12 ug/ml



#12 1-chlorooctadecane (SURR)

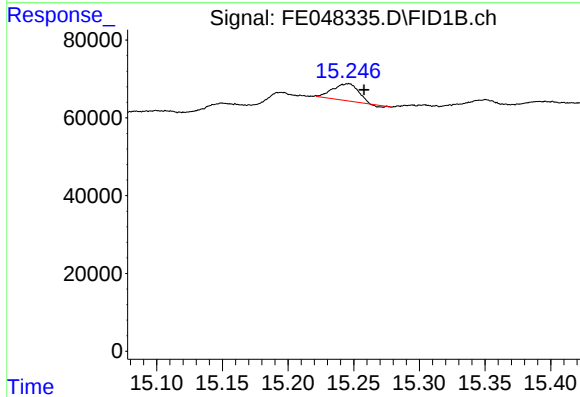
R.T.: 13.379 min
Delta R.T.: -0.026 min
Response: 1937377
Conc: 17.34 ug/ml



#13 n-Docosane (C22)

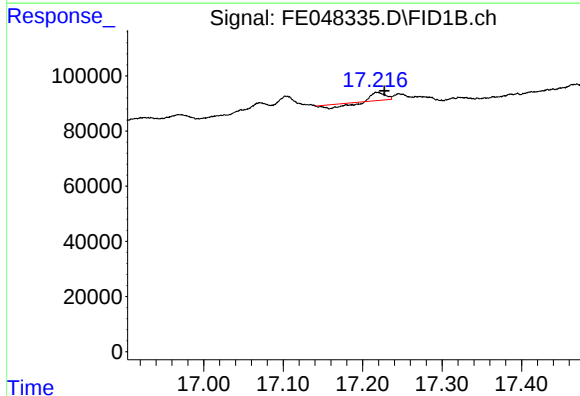
R.T.: 14.147 min
Delta R.T.: -0.008 min
Response: 99158
Conc: 0.75 ug/ml

Instrument :
FID_E
ClientSampleId :



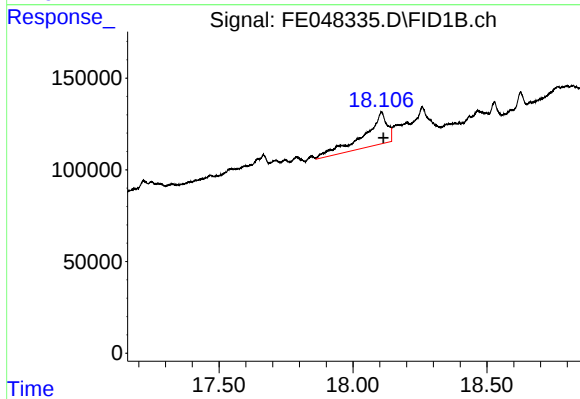
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.012 min
Response: 57879
Conc: 0.43 ug/ml



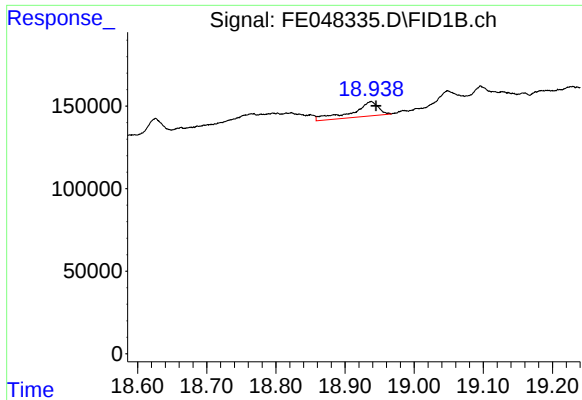
#16 n-Octacosane (C28)

R.T.: 17.218 min
Delta R.T.: -0.009 min
Response: 9179
Conc: 0.07 ug/ml



#17 n-Tricontane (C30)

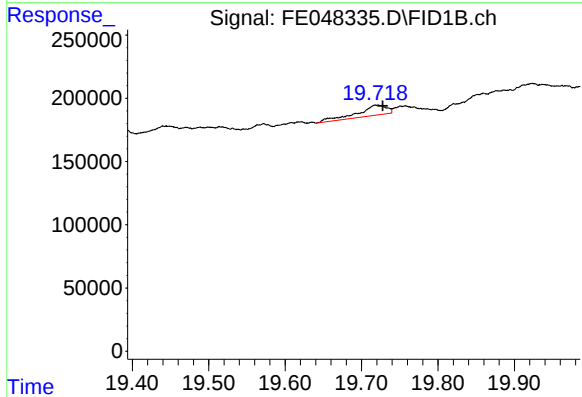
R.T.: 18.106 min
Delta R.T.: -0.007 min
Response: 1058118
Conc: 7.67 ug/ml



#18 n-Dotriacontane (C32)

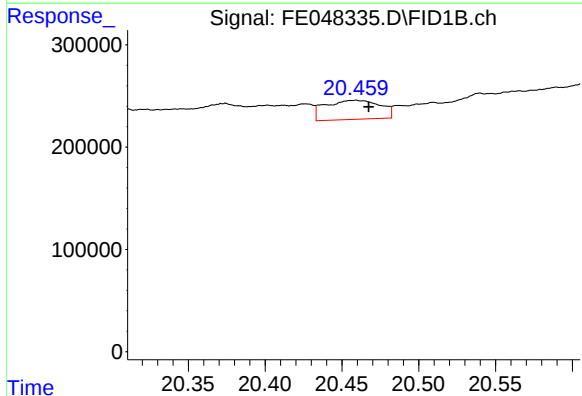
R.T.: 18.938 min
Delta R.T.: -0.007 min
Response: 227552
Conc: 1.65 ug/ml

Instrument :
FID_E
ClientSampleId :



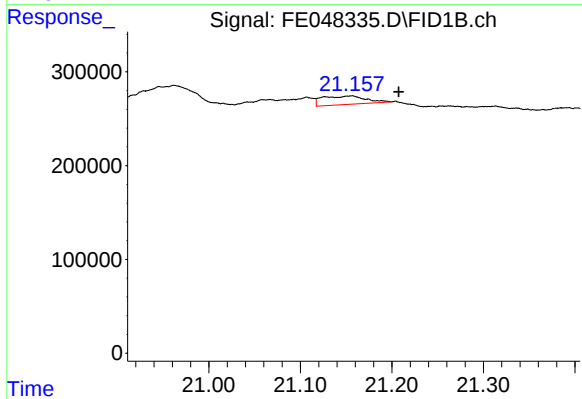
#19 n-Tetratriacontane (C34)

R.T.: 19.721 min
Delta R.T.: -0.007 min
Response: 214785
Conc: 1.58 ug/ml



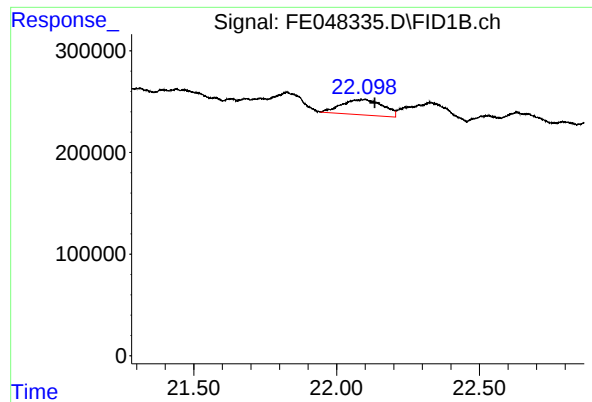
#20 n-Hexatriacontane (C36)

R.T.: 20.459 min
Delta R.T.: -0.008 min
Response: 464982
Conc: 3.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.156 min
Delta R.T.: -0.051 min
Response: 299822
Conc: 2.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.086 min
Delta R.T.: -0.048 min
Response: 1528013
Conc: 10.97 ug/ml

Instrument :

FID_E

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