

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071523AL\
 Data File : FE043241.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jul 2023 21:38
 Operator : YP\AJ
 Sample : 03619-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 15 01:31:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.926	46790424	261.302 ug/ml
Spiked Amount 50.000		Recovery =	522.60%
12) S 1-chlorooctadecane (S...	13.368	38869224	295.819 ug/ml
Spiked Amount 50.000		Recovery =	591.64%
Target Compounds			
6) T n-Tetradecane (C14)	8.534	1344087	8.498 ug/ml
7) T n-Hexadecane (C16)	10.152	7661376	47.341 ug/ml
8) T n-Octadecane (C18)	11.582	9885055	60.638 ug/ml
10) T n-Eicosane (C20)	12.884	13757952	88.551 ug/ml
11) T n-Heneicosane (C21)	13.529	9264848	61.153 ug/ml
13) T n-Docosane (C22)	14.093	7615276	50.955 ug/ml
14) T n-Tetracosane (C24)	15.204	3873594	26.376 ug/ml
15) T n-Hexacosane (C26)	16.225	331028	2.324 ug/ml
16) T n-Octacosane (C28)	17.191	592274	4.209 ug/ml
17) T n-Tricontane (C30)	18.055	159452	1.082 ug/ml
18) T n-Dotriacontane (C32)	18.908	515919	3.482 ug/ml
19) T n-Tetratriacontane (C34)	19.653	426146	2.953 ug/ml
20) T n-Hexatriacontane (C36)	20.415	87657	0.596 ug/ml
21) T n-Octatriacontane (C38)	21.193	252323	1.769 ug/ml
22) T n-Tetracontane (C40)	22.049	348109	2.359 ug/ml

(f)=RT Delta > 1/2 Window

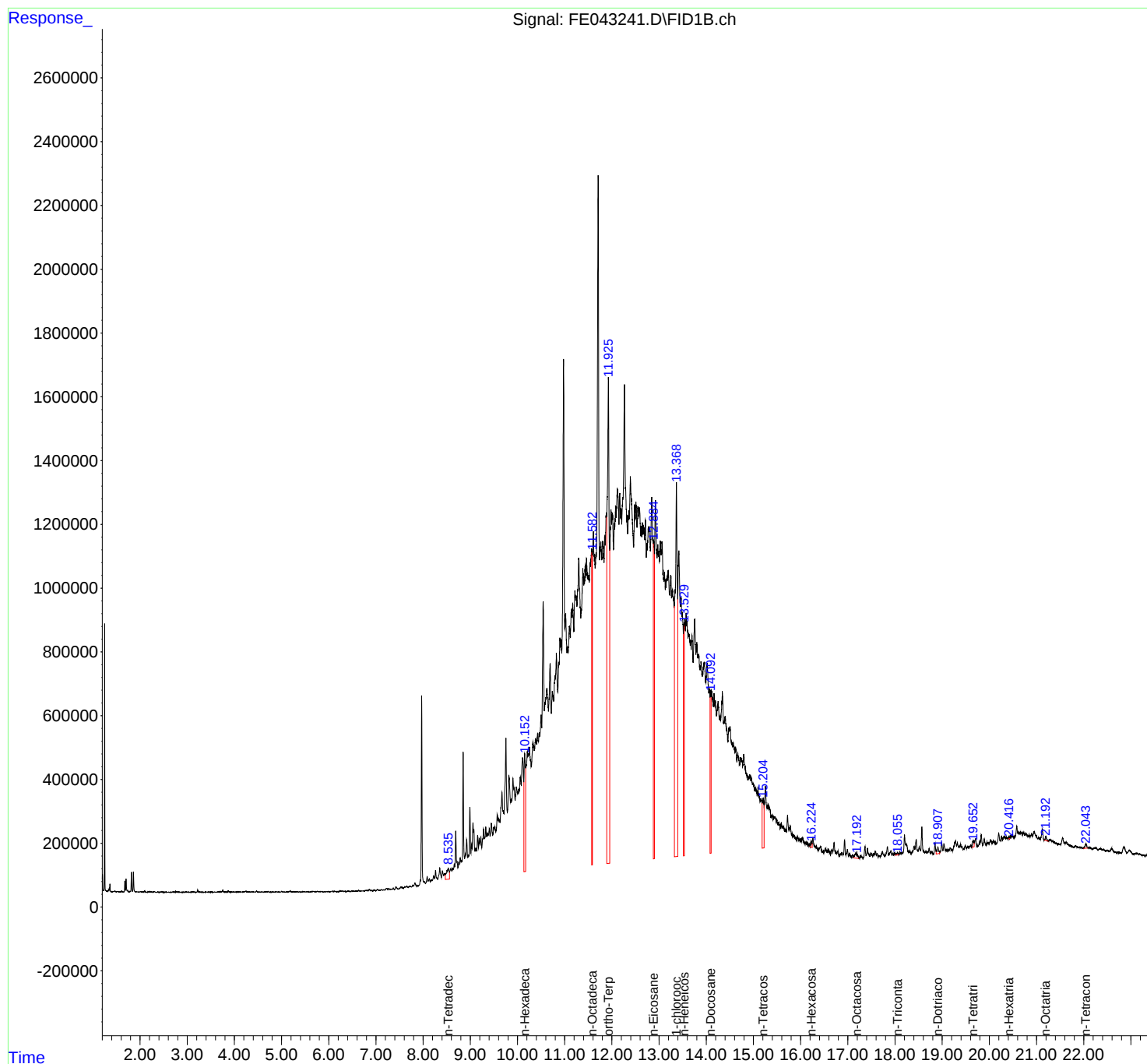
(m)=manual int.

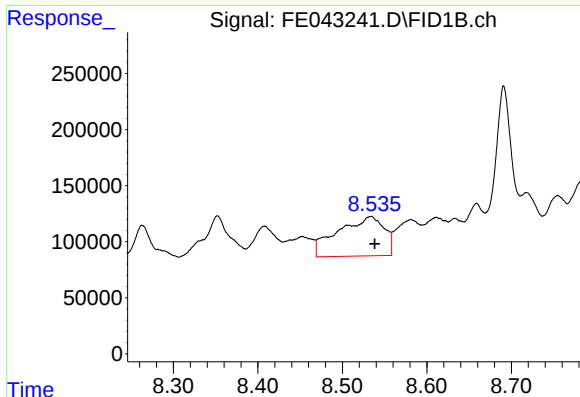
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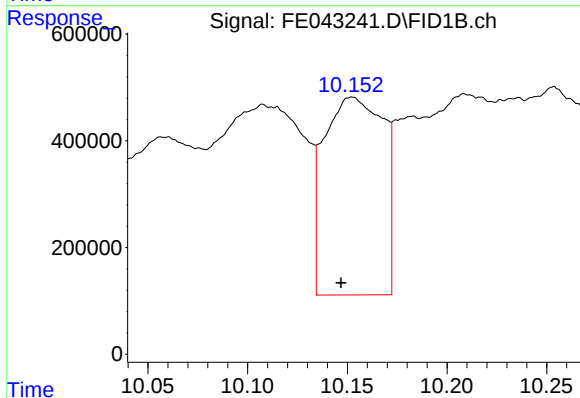




#6 n-Tetradecane (C14)

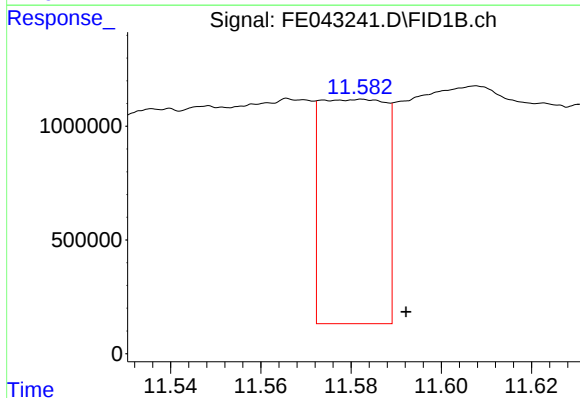
R.T.: 8.534 min
Delta R.T.: -0.005 min
Response: 1344087
Conc: 8.50 ug/ml

Instrument :
FID_E
ClientSampleId :



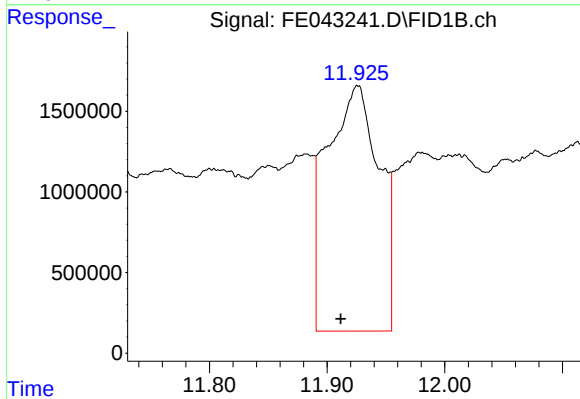
#7 n-Hexadecane (C16)

R.T.: 10.152 min
Delta R.T.: 0.005 min
Response: 7661376
Conc: 47.34 ug/ml



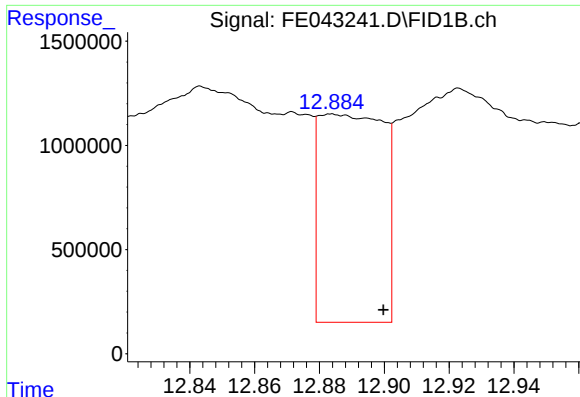
#8 n-Octadecane (C18)

R.T.: 11.582 min
Delta R.T.: -0.010 min
Response: 9885055
Conc: 60.64 ug/ml



#9 ortho-Terphenyl (SURR)

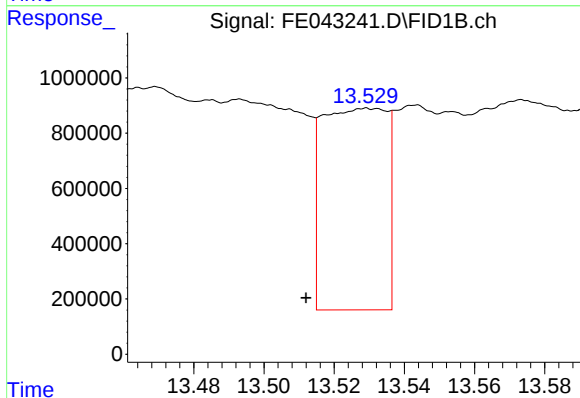
R.T.: 11.926 min
Delta R.T.: 0.015 min
Response: 46790424
Conc: 261.30 ug/ml



#10 n-Eicosane (C20)

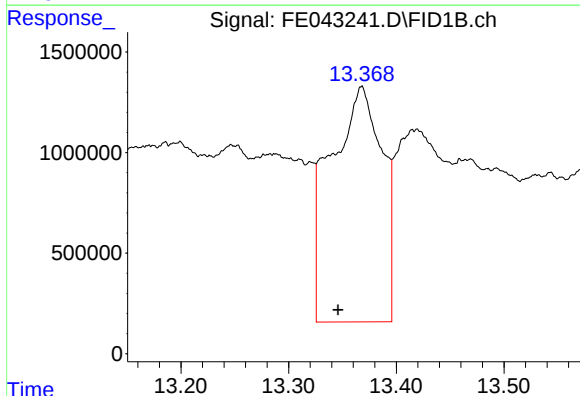
R.T.: 12.884 min
Delta R.T.: -0.016 min
Response: 13757952
Conc: 88.55 ug/ml

Instrument :
FID_E
ClientSampleId :



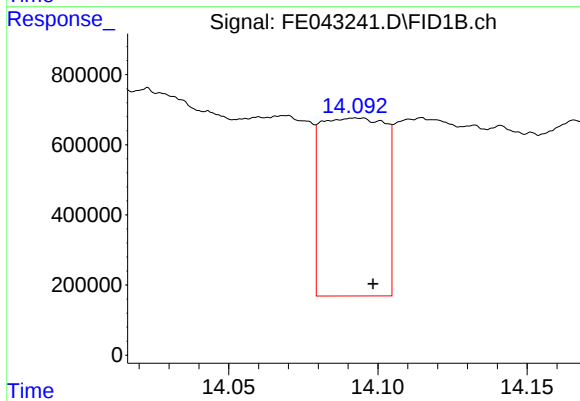
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: 0.017 min
Response: 9264848
Conc: 61.15 ug/ml



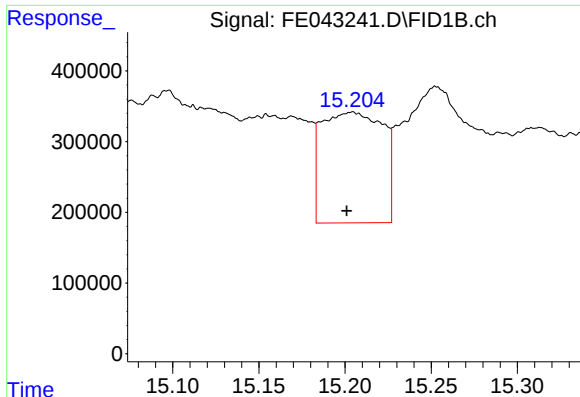
#12 1-chlorooctadecane (SURR)

R.T.: 13.368 min
Delta R.T.: 0.022 min
Response: 38869224
Conc: 295.82 ug/ml



#13 n-Docosane (C22)

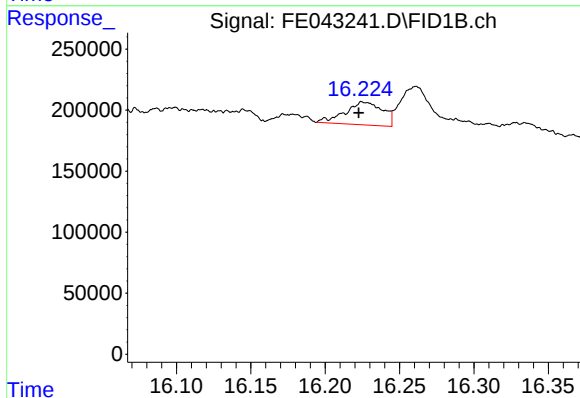
R.T.: 14.093 min
Delta R.T.: -0.005 min
Response: 7615276
Conc: 50.96 ug/ml



#14 n-Tetracosane (C24)

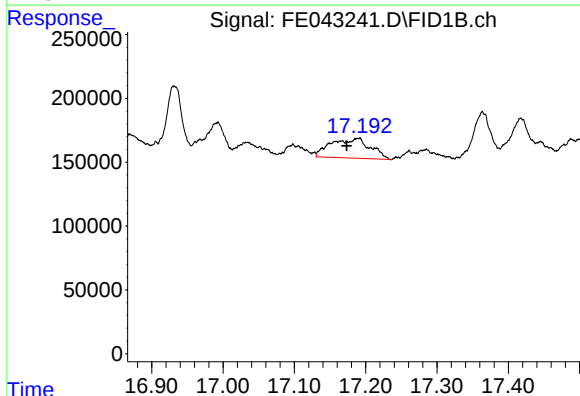
R.T.: 15.204 min
Delta R.T.: 0.003 min
Response: 3873594
Conc: 26.38 ug/ml

Instrument :
FID_E
ClientSampleId :



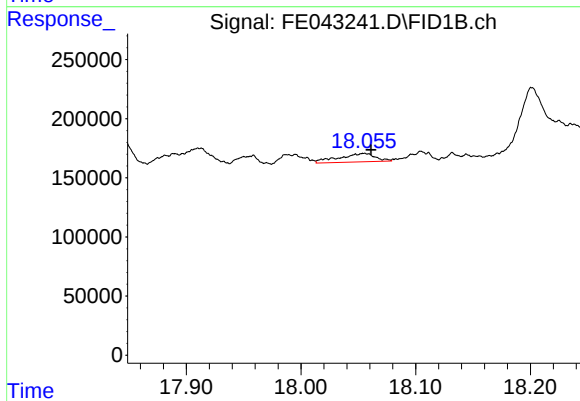
#15 n-Hexacosane (C26)

R.T.: 16.225 min
Delta R.T.: 0.003 min
Response: 331028
Conc: 2.32 ug/ml



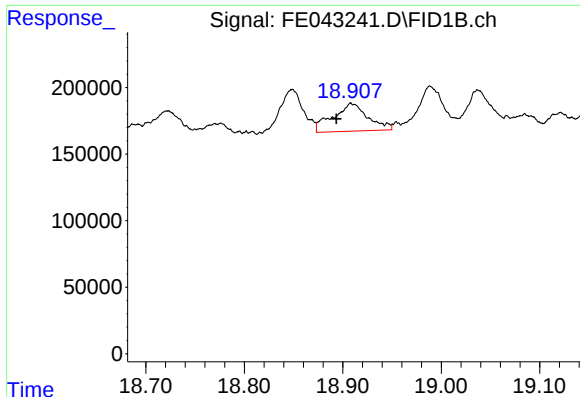
#16 n-Octacosane (C28)

R.T.: 17.191 min
Delta R.T.: 0.018 min
Response: 592274
Conc: 4.21 ug/ml



#17 n-Tricontane (C30)

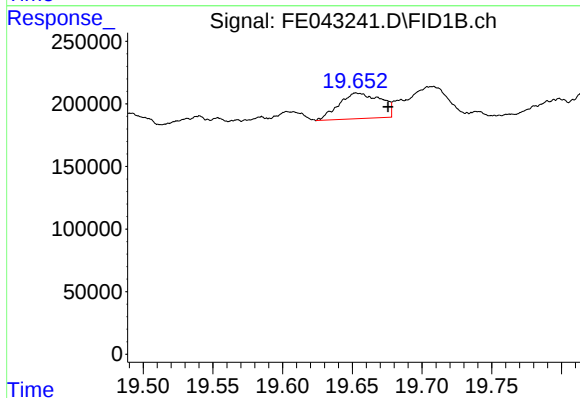
R.T.: 18.055 min
Delta R.T.: -0.006 min
Response: 159452
Conc: 1.08 ug/ml



#18 n-Dotriacontane (C32)

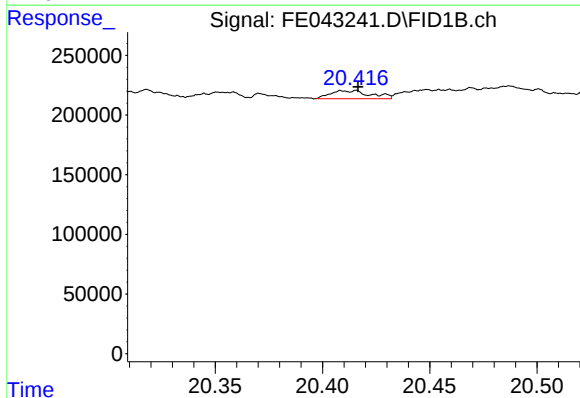
R.T.: 18.908 min
Delta R.T.: 0.015 min
Response: 515919
Conc: 3.48 ug/ml

Instrument :
FID_E
ClientSampleId :



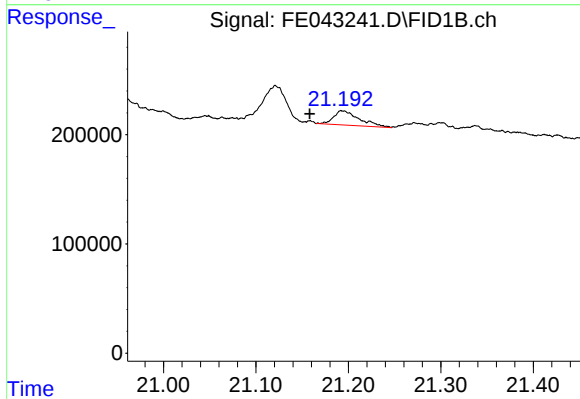
#19 n-Tetratriacontane (C34)

R.T.: 19.653 min
Delta R.T.: -0.023 min
Response: 426146
Conc: 2.95 ug/ml



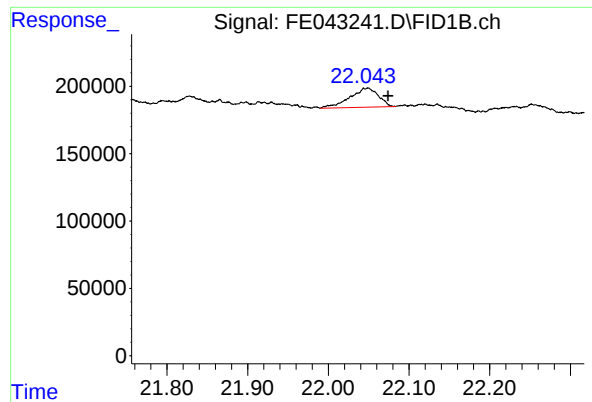
#20 n-Hexatriacontane (C36)

R.T.: 20.415 min
Delta R.T.: -0.001 min
Response: 87657
Conc: 0.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.193 min
Delta R.T.: 0.034 min
Response: 252323
Conc: 1.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.049 min
Delta R.T.: -0.025 min
Response: 348109
Conc: 2.36 ug/ml

Instrument :

FID_E

ClientSampleId :