

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
 Data File : FC069270.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jun 2025 16:10
 Operator : YP/AJ
 Sample : Q2363-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 GCAP1

Integration File: autoint1.e
 Quant Time: Jun 25 00:40:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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)	11.679	4598725	26.619 ug/ml
Spiked Amount 50.000		Recovery =	53.24%
12) S 1-chlorooctadecane (S...	13.114	3598819	27.547 ug/ml
Spiked Amount 50.000		Recovery =	55.09%
Target Compounds			
1) T n-Nonane (C9)	3.423	338828	2.382 ug/ml
2) T n-Decane (C10)	4.469	698244	4.770 ug/ml
3) T A~Naphthalene (C11.7)	6.080	456315	2.836 ug/ml
4) T n-Dodecane (C12)	6.491	765407	5.055 ug/ml
5) T A~2-methylnaphthalene...	7.124	1561284	9.866 ug/ml
6) T n-Tetradecane (C14)	8.303	748401	4.828 ug/ml
7) T n-Hexadecane (C16)	9.911	90751	0.555 ug/ml
8) T n-Octadecane (C18)	11.353	36349	0.223 ug/ml
10) T n-Eicosane (C20)	12.666	83409	0.546 ug/ml
11) T n-Heneicosane (C21)	13.278	62728	0.426 ug/ml
13) T n-Docosane (C22)	13.899	56551	0.393 ug/ml
14) T n-Tetracosane (C24)	14.949	121422	0.880 ug/ml
16) T n-Octacosane (C28)	16.947	74719	0.606 ug/ml
17) T n-Tricontane (C30)	17.834	48601	0.409 ug/ml
18) T n-Dotriacontane (C32)	18.664	94400	0.863 ug/ml

(f)=RT Delta > 1/2 Window

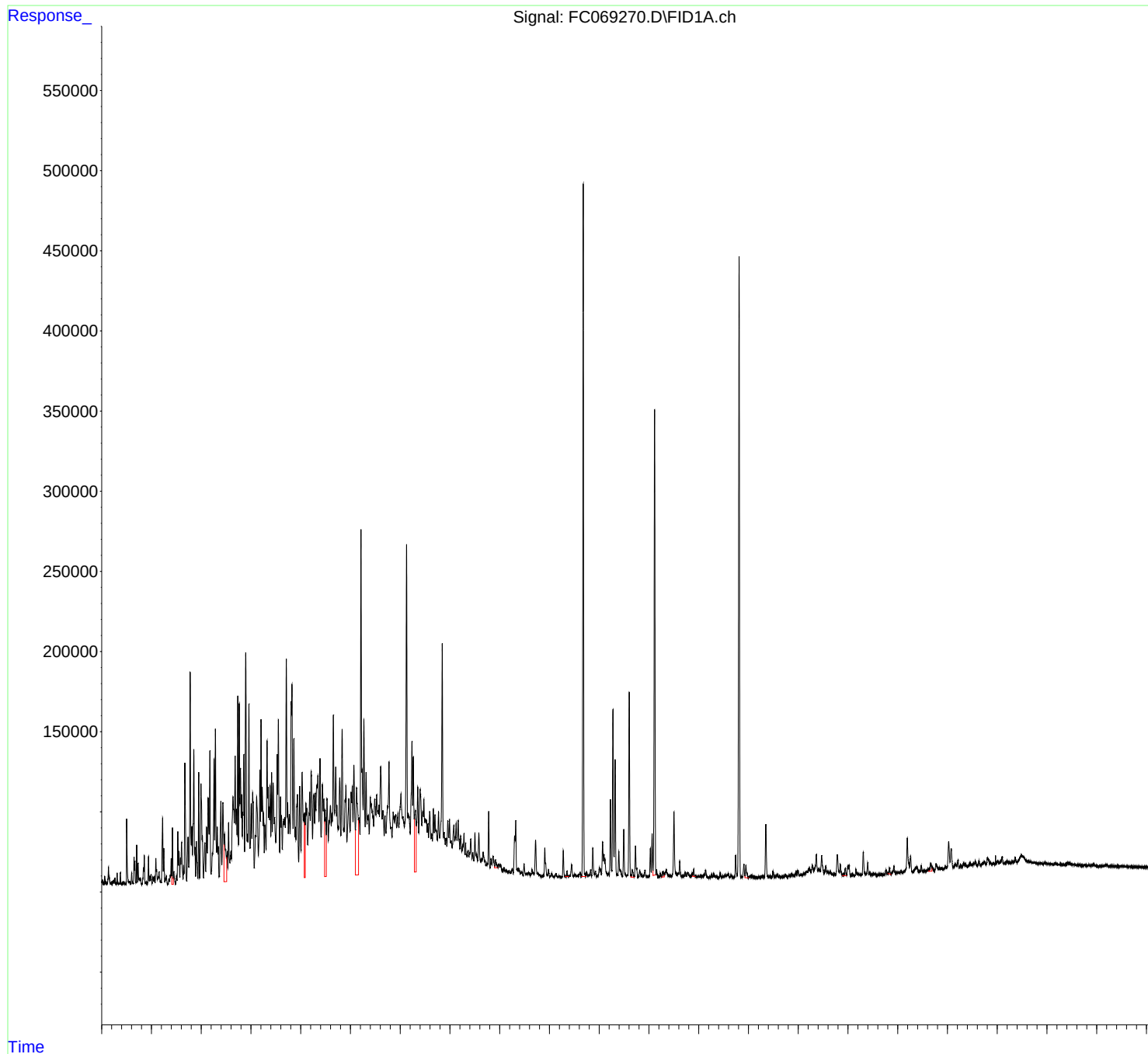
(m)=manual int.

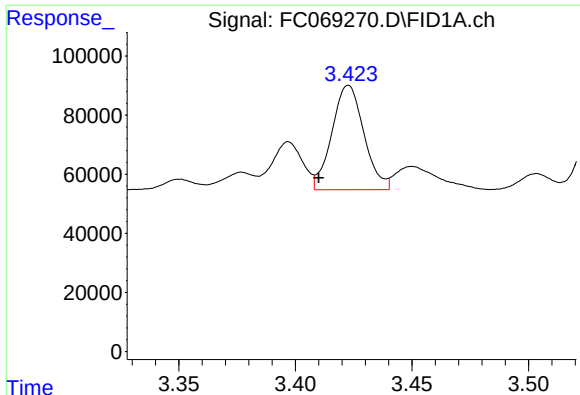
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

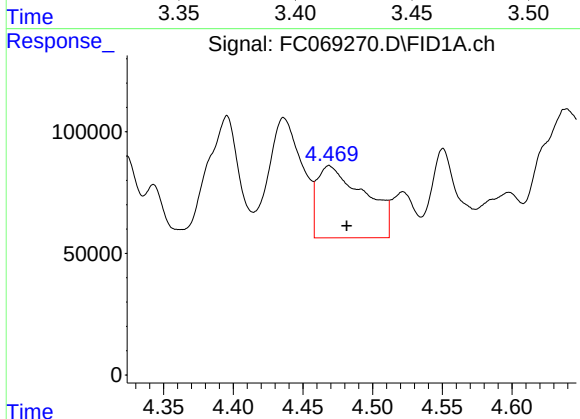




#1 n-Nonane (C9)

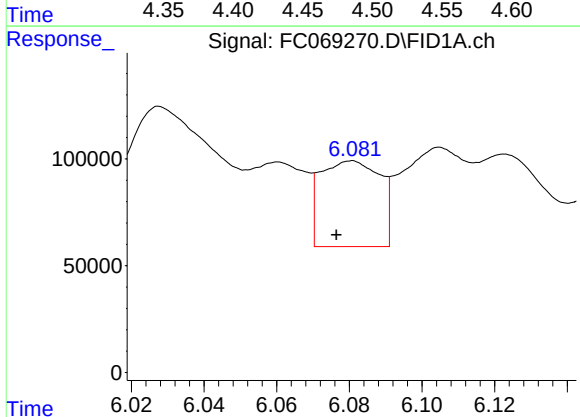
R.T.: 3.423 min
Delta R.T.: 0.013 min
Response: 338828
Conc: 2.38 ug/ml

Instrument :
FID_C
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GCAP1



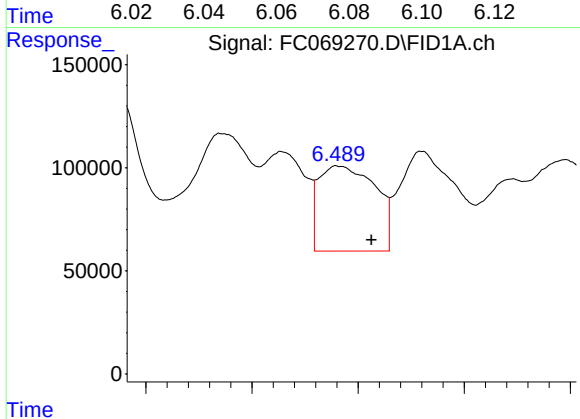
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.012 min
Response: 698244
Conc: 4.77 ug/ml



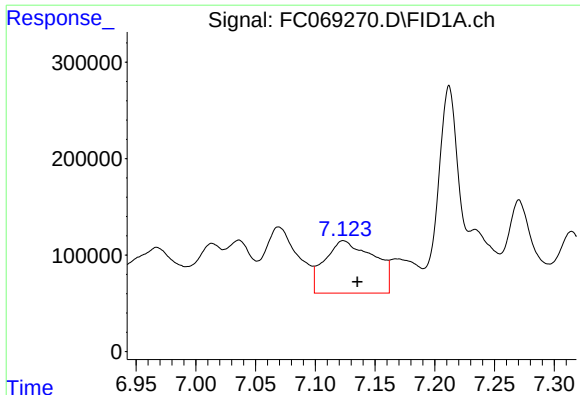
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: 0.004 min
Response: 456315
Conc: 2.84 ug/ml



#4 n-Dodecane (C12)

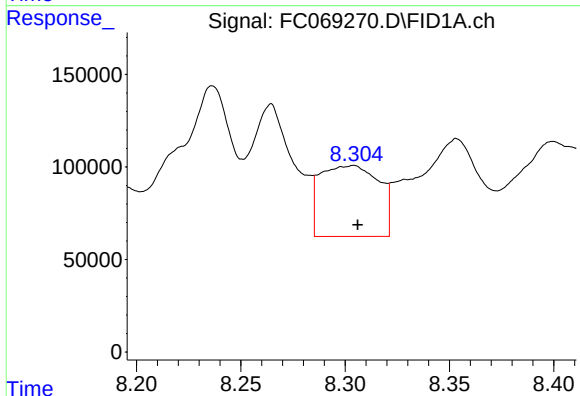
R.T.: 6.491 min
Delta R.T.: -0.015 min
Response: 765407
Conc: 5.05 ug/ml



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

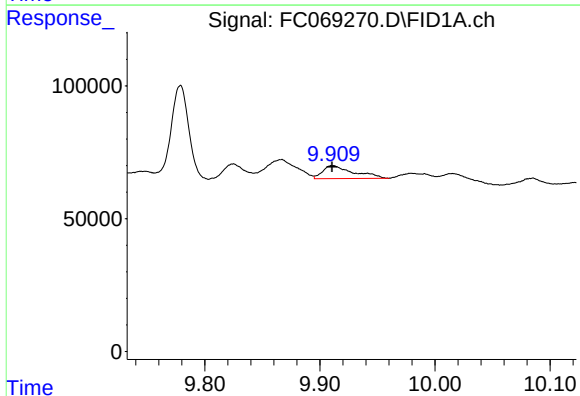
R.T.: 7.124 min
Delta R.T.: -0.012 min
Response: 1561284
Conc: 9.87 ug/ml

Instrument :
FID_C
ClientSampleId :
GCAP1



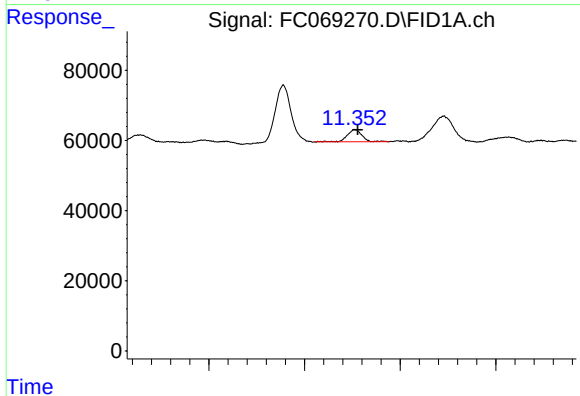
#6 n-Tetradecane (C14)

R.T.: 8.303 min
Delta R.T.: -0.003 min
Response: 748401
Conc: 4.83 ug/ml



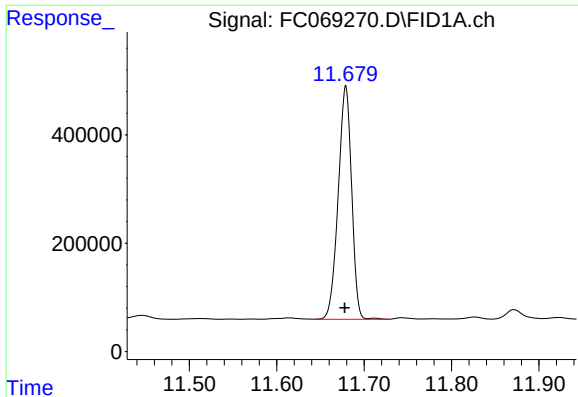
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: 0.000 min
Response: 90751
Conc: 0.56 ug/ml



#8 n-Octadecane (C18)

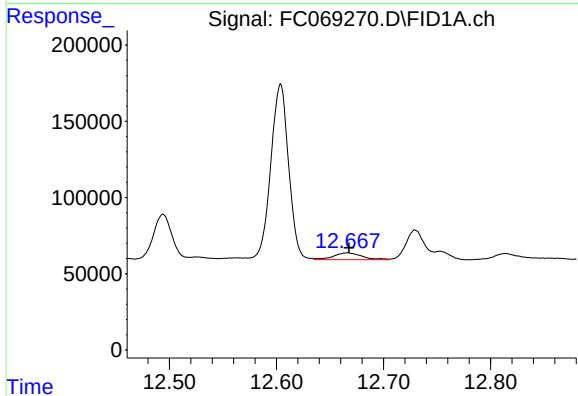
R.T.: 11.353 min
Delta R.T.: -0.003 min
Response: 36349
Conc: 0.22 ug/ml



#9 ortho-Terphenyl (SURR)

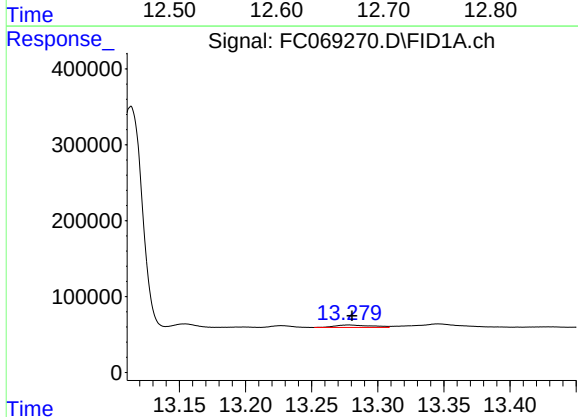
R.T.: 11.679 min
Delta R.T.: 0.001 min
Response: 4598725
Conc: 26.62 ug/ml

Instrument :
FID_C
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GCAP1



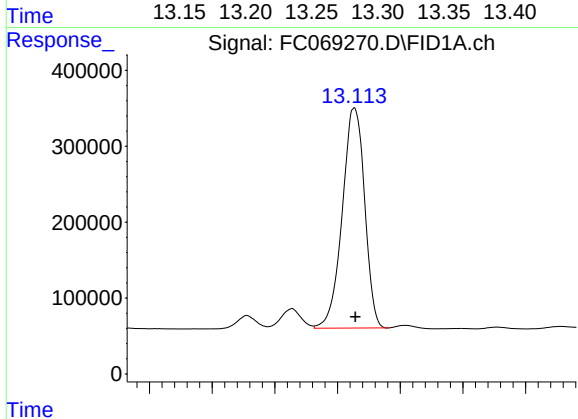
#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: -0.001 min
Response: 83409
Conc: 0.55 ug/ml



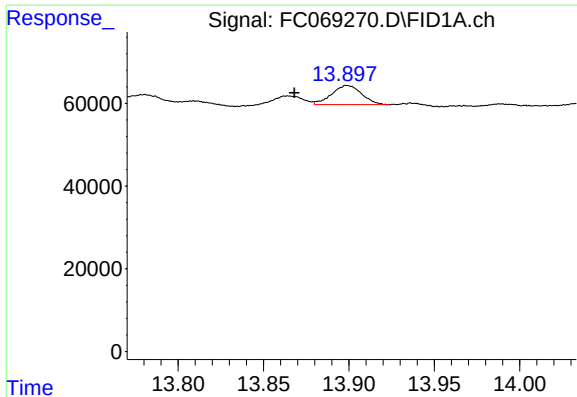
#11 n-Heneicosane (C21)

R.T.: 13.278 min
Delta R.T.: -0.003 min
Response: 62728
Conc: 0.43 ug/ml



#12 1-chlorooctadecane (SURR)

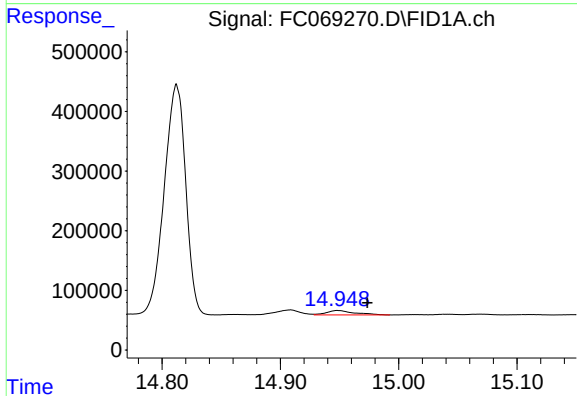
R.T.: 13.114 min
Delta R.T.: 0.000 min
Response: 3598819
Conc: 27.55 ug/ml



#13 n-Docosane (C22)

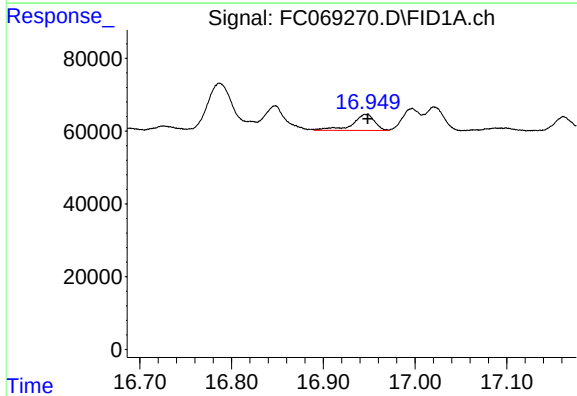
R.T.: 13.899 min
Delta R.T.: 0.031 min
Response: 56551
Conc: 0.39 ug/ml

Instrument :
FID_C
ClientSampleId :
GCAP1



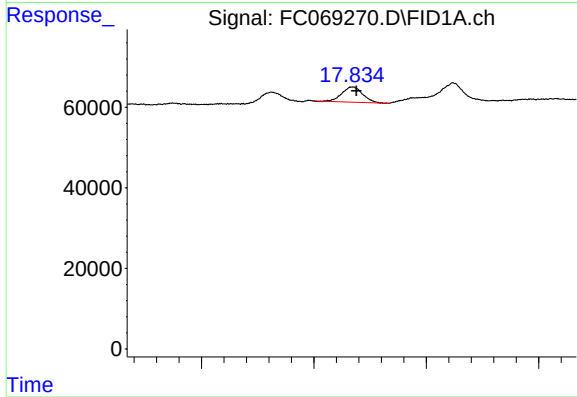
#14 n-Tetracosane (C24)

R.T.: 14.949 min
Delta R.T.: -0.025 min
Response: 121422
Conc: 0.88 ug/ml



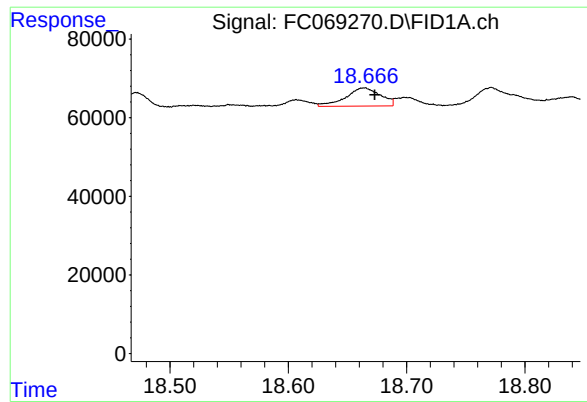
#16 n-Octacosane (C28)

R.T.: 16.947 min
Delta R.T.: -0.002 min
Response: 74719
Conc: 0.61 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.834 min
Delta R.T.: -0.003 min
Response: 48601
Conc: 0.41 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.664 min
Delta R.T.: -0.009 min
Response: 94400
Conc: 0.86 ug/ml

Instrument :
FID_C
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GCAP1