

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080725AL\
 Data File : FC069597.D
 Signal(s) : FID1A.ch
 Acq On : 07 Aug 2025 10:08
 Operator : YP/AJ
 Sample : Q2780-06DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-1-EPHDL

Integration File: autoint1.e
 Quant Time: Aug 08 02:23:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 14:14:17 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)	11.667	2267045	15.196 ug/ml
Spiked Amount 50.000		Recovery =	30.39%
12) S 1-chlorooctadecane (S...	13.104	1813539	16.634 ug/ml
Spiked Amount 50.000		Recovery =	33.27%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.068	122913	0.792 ug/ml
5) T A~2-methylnaphthalene...	7.127	111928	0.760 ug/ml
6) T n-Tetradecane (C14)	8.295	52944	0.371 ug/ml
7) T n-Hexadecane (C16)	9.900	108630	0.754 ug/ml
8) T n-Octadecane (C18)	11.343	47117	0.333 ug/ml
10) T n-Eicosane (C20)	12.661	139189	1.057 ug/ml
11) T n-Heneicosane (C21)	13.267	90457	0.709 ug/ml
13) T n-Docosane (C22)	13.857	102508	0.821 ug/ml
14) T n-Tetracosane (C24)	14.945	487497	4.040 ug/ml
15) T n-Hexacosane (C26)	15.982	133021	1.151 ug/ml
16) T n-Octacosane (C28)	16.939	236600	2.111 ug/ml
17) T n-Tricontane (C30)	17.824	165464	1.445 ug/ml
18) T n-Dotriacontane (C32)	18.653	60138	0.541 ug/ml
19) T n-Tetratriacontane (C34)	19.440	90984	0.894 ug/ml
21) T n-Octatriacontane (C38)	20.948	63588	0.790 ug/ml

(f)=RT Delta > 1/2 Window

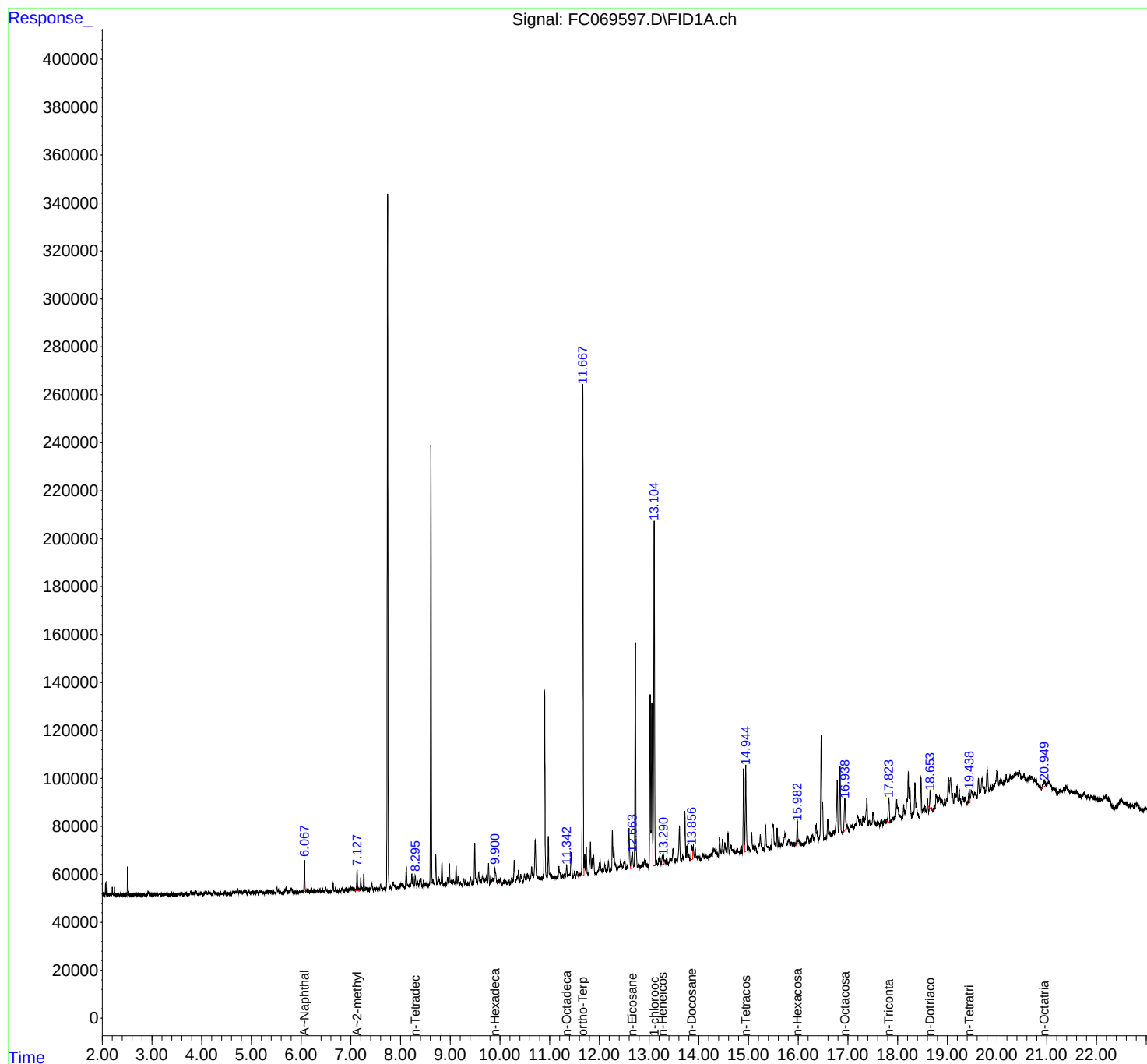
(m)=manual int.

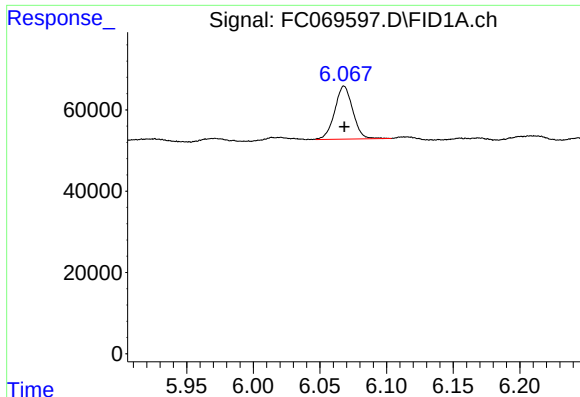
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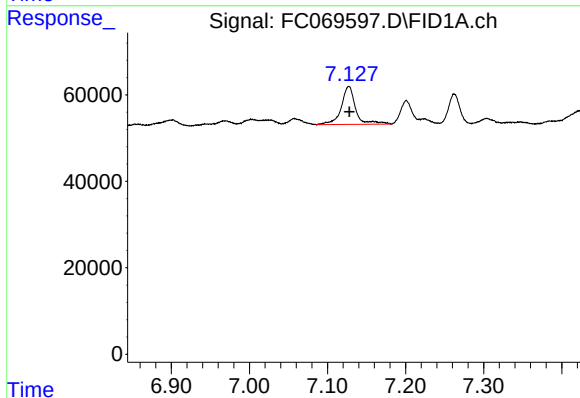




#3 A~Naphthalene (C11.7)

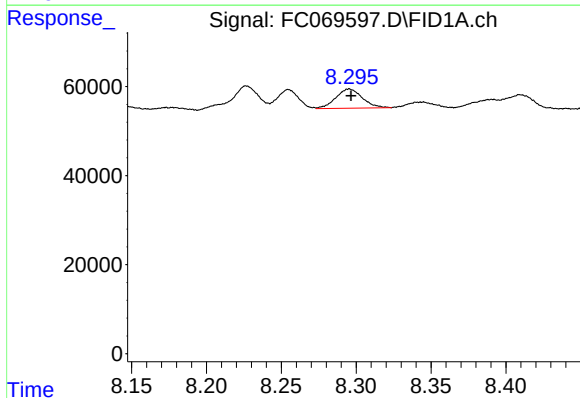
R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 122913
Conc: 0.79 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-1-EPHDL



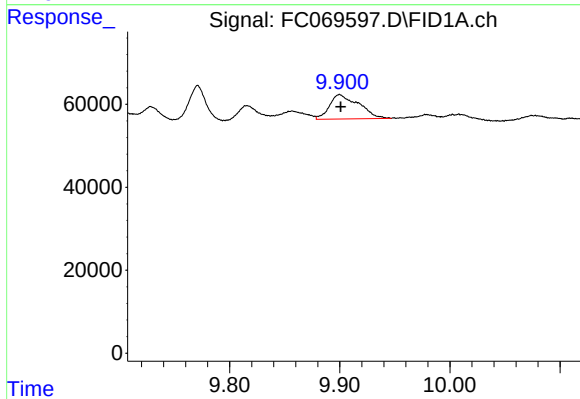
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: 0.000 min
Response: 111928
Conc: 0.76 ug/ml



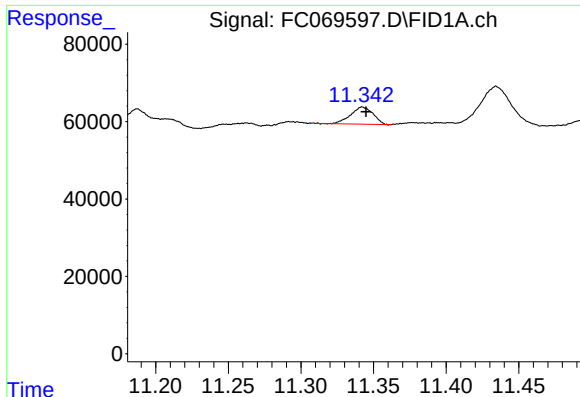
#6 n-Tetradecane (C14)

R.T.: 8.295 min
Delta R.T.: -0.001 min
Response: 52944
Conc: 0.37 ug/ml



#7 n-Hexadecane (C16)

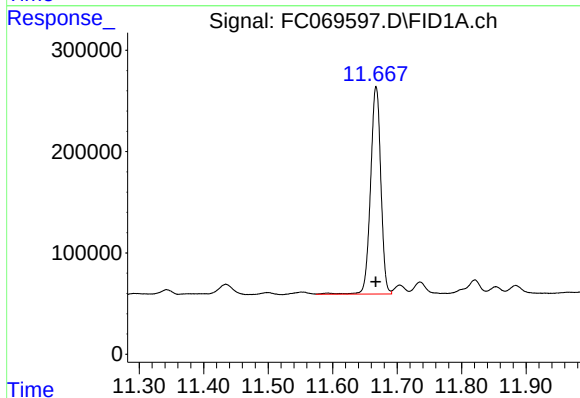
R.T.: 9.900 min
Delta R.T.: 0.000 min
Response: 108630
Conc: 0.75 ug/ml



#8 n-Octadecane (C18)

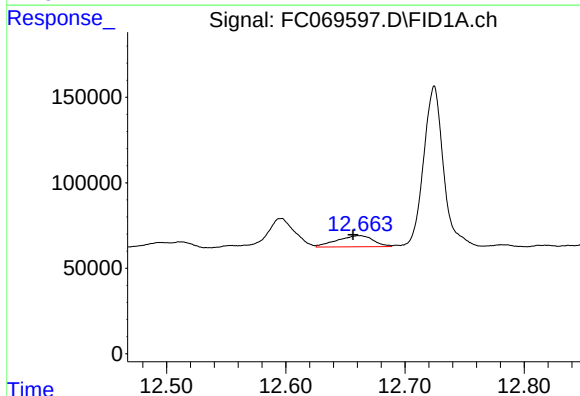
R.T.: 11.343 min
Delta R.T.: -0.002 min
Response: 47117
Conc: 0.33 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-1-EPHDL



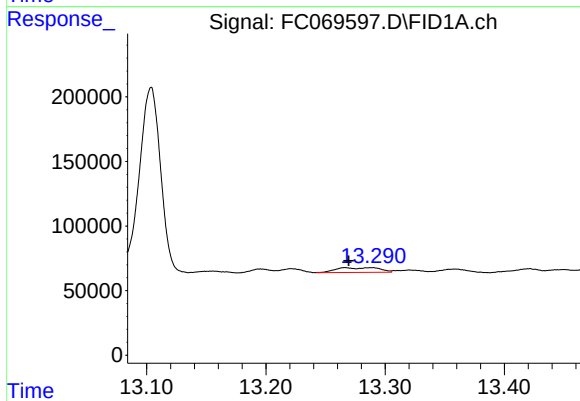
#9 ortho-Terphenyl (SURR)

R.T.: 11.667 min
Delta R.T.: 0.000 min
Response: 2267045
Conc: 15.20 ug/ml



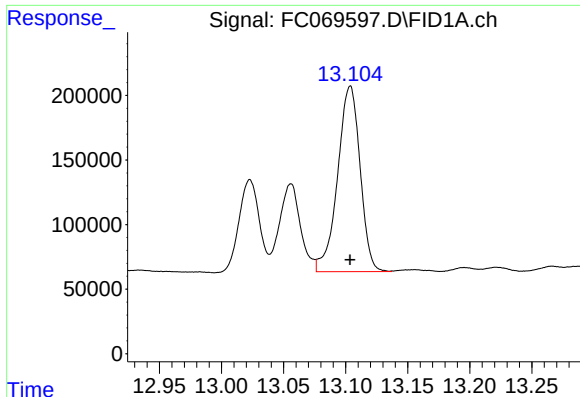
#10 n-Eicosane (C20)

R.T.: 12.661 min
Delta R.T.: 0.005 min
Response: 139189
Conc: 1.06 ug/ml



#11 n-Heneicosane (C21)

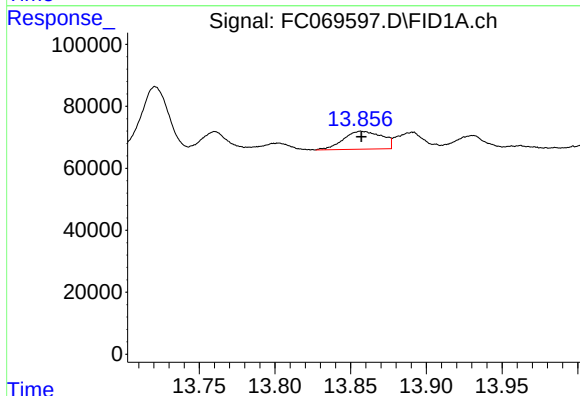
R.T.: 13.267 min
Delta R.T.: -0.003 min
Response: 90457
Conc: 0.71 ug/ml



#12 1-chlorooctadecane (SURR)

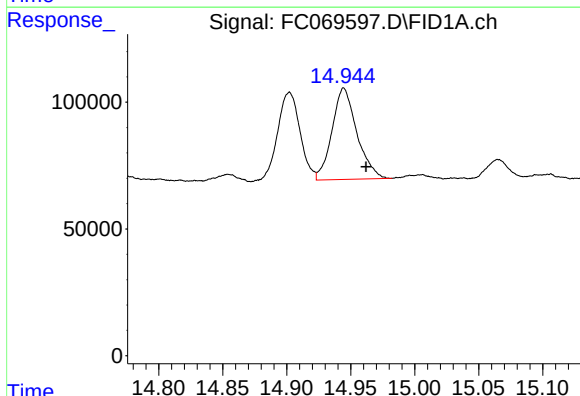
R.T.: 13.104 min
Delta R.T.: 0.000 min
Response: 1813539
Conc: 16.63 ug/ml

Instrument :
FID_C
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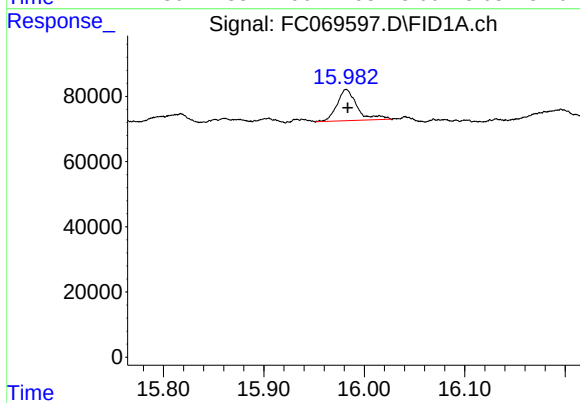
#13 n-Docosane (C22)

R.T.: 13.857 min
Delta R.T.: 0.000 min
Response: 102508
Conc: 0.82 ug/ml



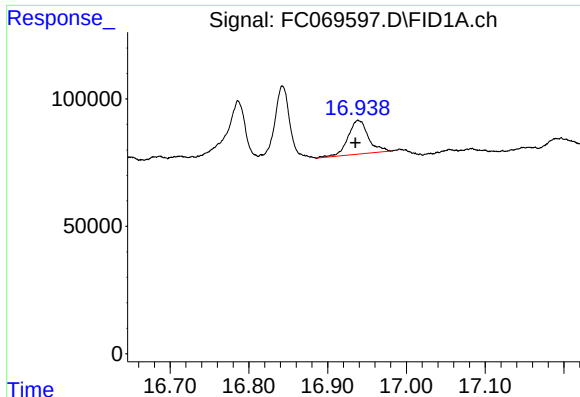
#14 n-Tetracosane (C24)

R.T.: 14.945 min
Delta R.T.: -0.017 min
Response: 487497
Conc: 4.04 ug/ml



#15 n-Hexacosane (C26)

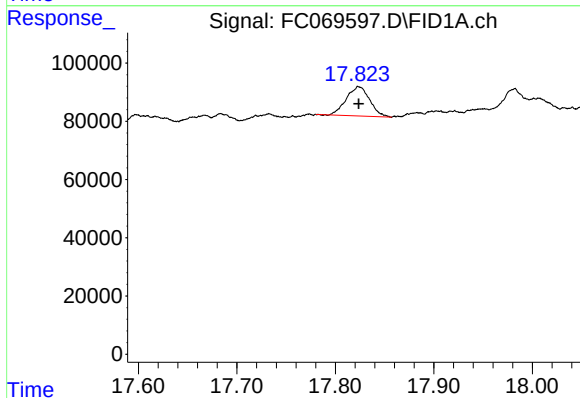
R.T.: 15.982 min
Delta R.T.: -0.001 min
Response: 133021
Conc: 1.15 ug/ml



#16 n-Octacosane (C28)

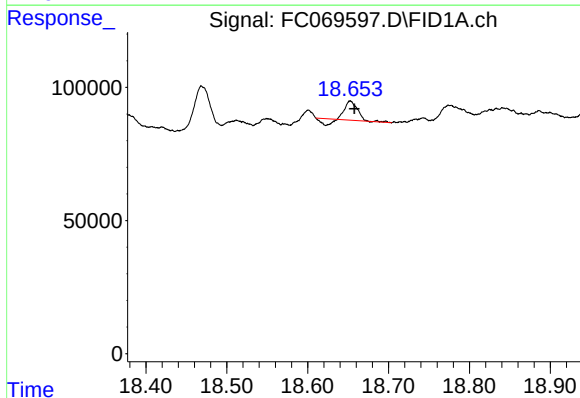
R.T.: 16.939 min
Delta R.T.: 0.004 min
Response: 236600
Conc: 2.11 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-1-EPHDL



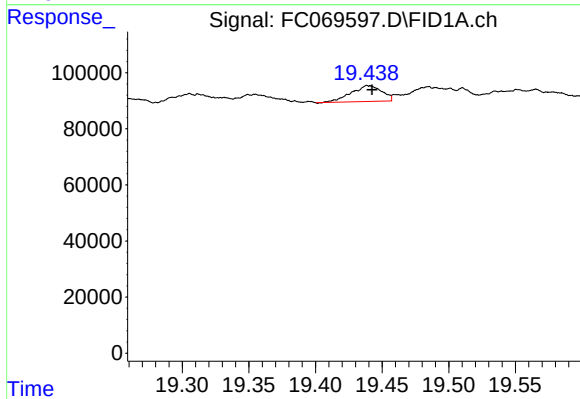
#17 n-Tricontane (C30)

R.T.: 17.824 min
Delta R.T.: 0.000 min
Response: 165464
Conc: 1.45 ug/ml



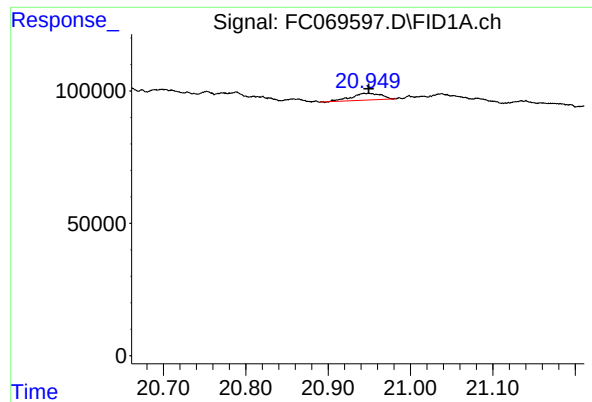
#18 n-Dotriacontane (C32)

R.T.: 18.653 min
Delta R.T.: -0.005 min
Response: 60138
Conc: 0.54 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.440 min
Delta R.T.: -0.002 min
Response: 90984
Conc: 0.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.948 min
Delta R.T.: 0.000 min
Response: 63588
Conc: 0.79 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-1-EPHDL