

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062325AL\
 Data File : FC069249.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jun 2025 18:01
 Operator : YP/AJ
 Sample : Q2386-01D
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SU-1-062025

Integration File: autoint1.e
 Quant Time: Jun 24 01:26:33 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)	11.700	5228164	30.263 ug/ml
Spiked Amount 50.000		Recovery =	60.53%
12) S 1-chlorooctadecane (S...	13.116	86943745	665.512 ug/ml
Spiked Amount 50.000		Recovery =	1331.02%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.076	135385	0.841 ug/ml
5) T A~2-methylnaphthalene...	7.134	810572	5.122 ug/ml
6) T n-Tetradecane (C14)	8.266	1865708	12.036 ug/ml
7) T n-Hexadecane (C16)	9.939	9622191	58.882 ug/ml
8) T n-Octadecane (C18)	11.354	260414	1.595 ug/ml
10) T n-Eicosane (C20)	12.632	8135752	53.300 ug/ml
11) T n-Heneicosane (C21)	13.261	728473	4.942 ug/ml
13) T n-Docosane (C22)	13.840	3129685	21.752 ug/ml
14) T n-Tetracosane (C24)	14.961	28656163	207.757 ug/ml
15) T n-Hexacosane (C26)	16.028	636472	4.869 ug/ml
16) T n-Octacosane (C28)	16.979	3768534	30.557 ug/ml
17) T n-Tricontane (C30)	17.821	200811	1.689 ug/ml
18) T n-Dotriacontane (C32)	18.673	251557	2.301 ug/ml
19) T n-Tetratriacontane (C34)	19.459	131387	1.361 ug/ml
21) T n-Octatriacontane (C38)	20.983	407438	5.452 ug/ml

(f)=RT Delta > 1/2 Window

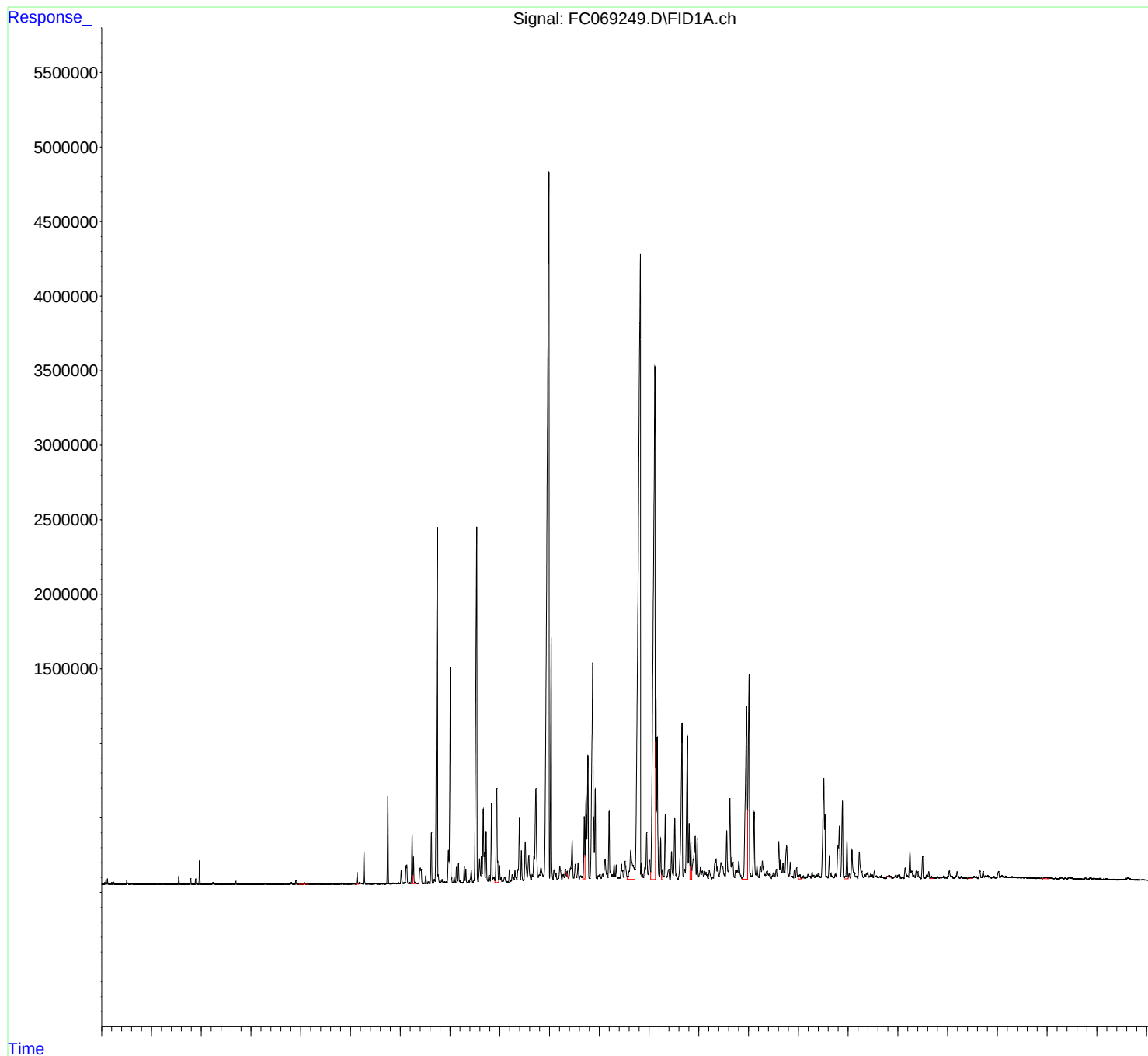
(m)=manual int.

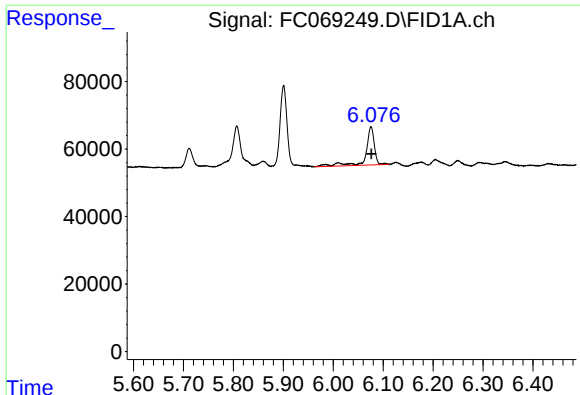
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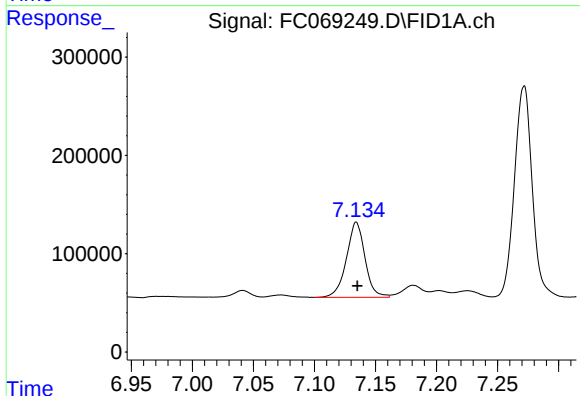




#3 A~Naphthalene (C11.7)

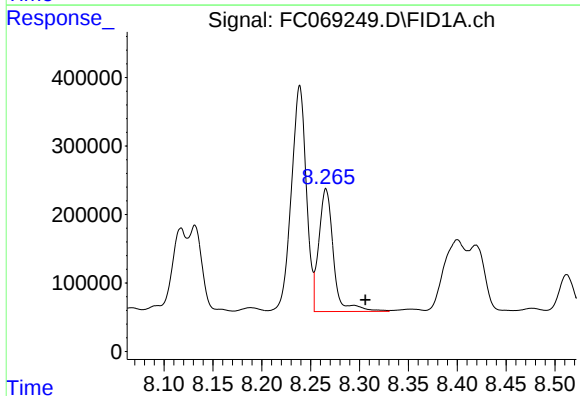
R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 135385
Conc: 0.84 ug/ml

Instrument :
FID_C
ClientSampleId :
SU-1-062025



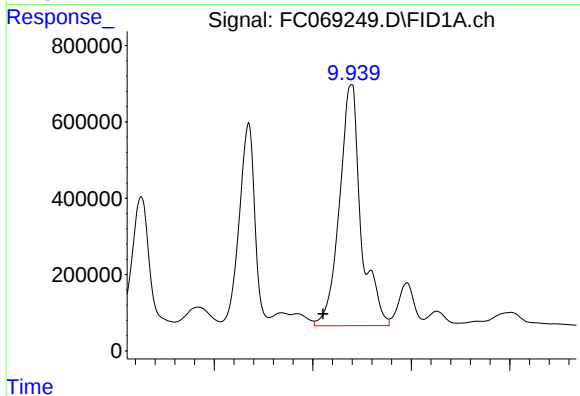
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.134 min
Delta R.T.: 0.000 min
Response: 810572
Conc: 5.12 ug/ml



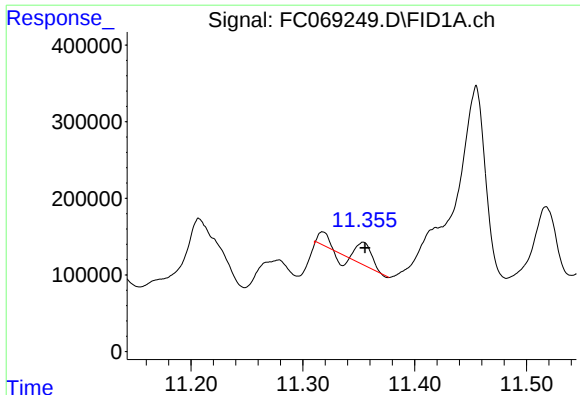
#6 n-Tetradecane (C14)

R.T.: 8.266 min
Delta R.T.: -0.040 min
Response: 1865708
Conc: 12.04 ug/ml



#7 n-Hexadecane (C16)

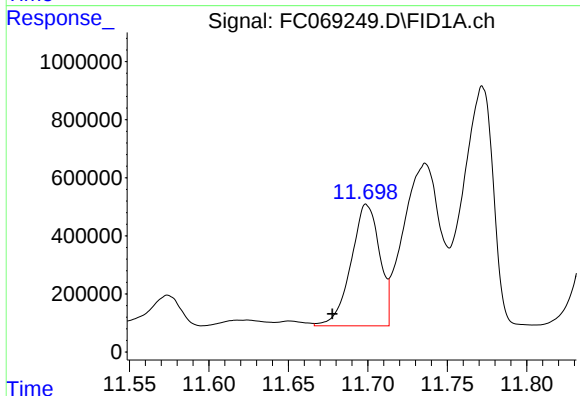
R.T.: 9.939 min
Delta R.T.: 0.028 min
Response: 9622191
Conc: 58.88 ug/ml



#8 n-Octadecane (C18)

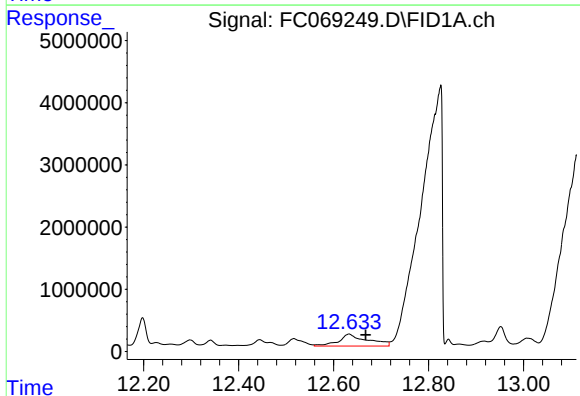
R.T.: 11.354 min
Delta R.T.: -0.002 min
Response: 260414
Conc: 1.59 ug/ml

Instrument :
FID_C
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SU-1-062025



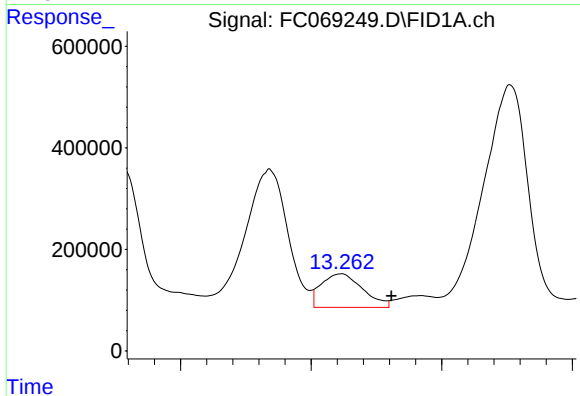
#9 ortho-Terphenyl (SURRE)

R.T.: 11.700 min
Delta R.T.: 0.022 min
Response: 5228164
Conc: 30.26 ug/ml



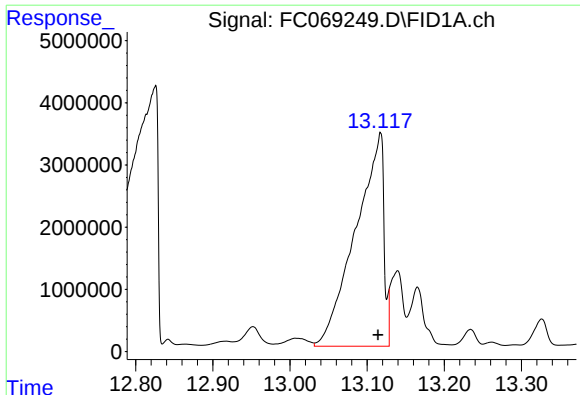
#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: -0.035 min
Response: 8135752
Conc: 53.30 ug/ml



#11 n-Heneicosane (C21)

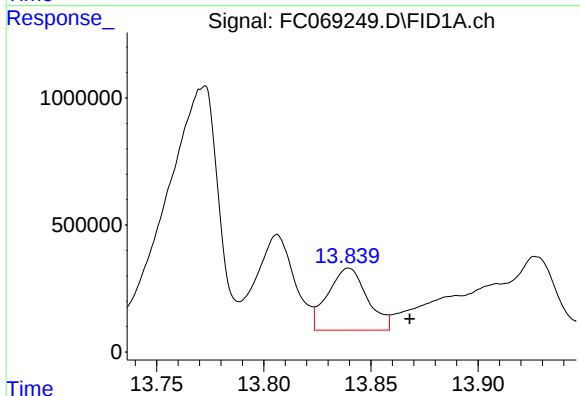
R.T.: 13.261 min
Delta R.T.: -0.019 min
Response: 728473
Conc: 4.94 ug/ml



#12 1-chlorooctadecane (SURR)

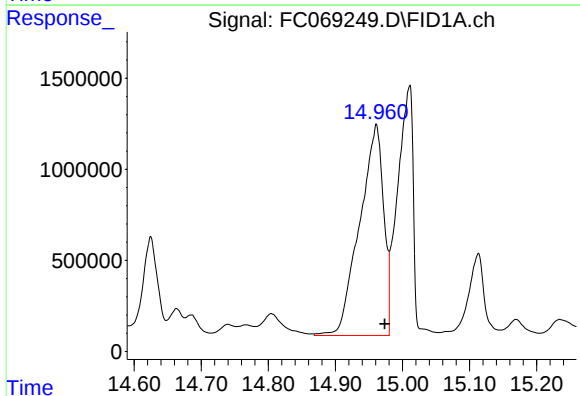
R.T.: 13.116 min
Delta R.T.: 0.001 min
Response: 86943745
Conc: 665.51 ug/ml

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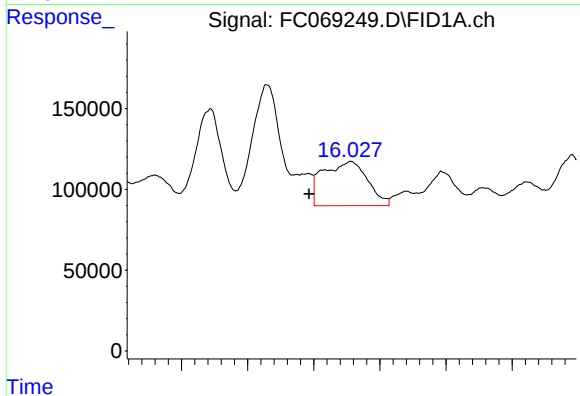
#13 n-Docosane (C22)

R.T.: 13.840 min
Delta R.T.: -0.029 min
Response: 3129685
Conc: 21.75 ug/ml



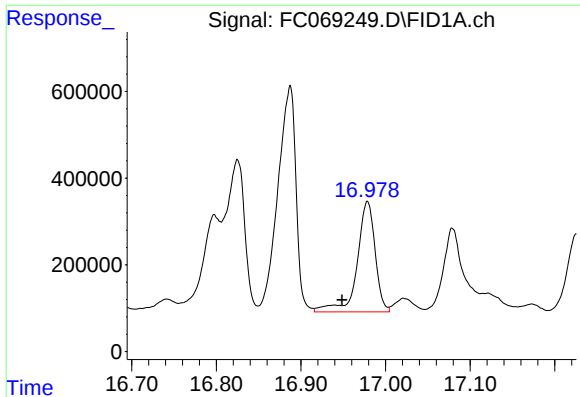
#14 n-Tetracosane (C24)

R.T.: 14.961 min
Delta R.T.: -0.013 min
Response: 28656163
Conc: 207.76 ug/ml



#15 n-Hexacosane (C26)

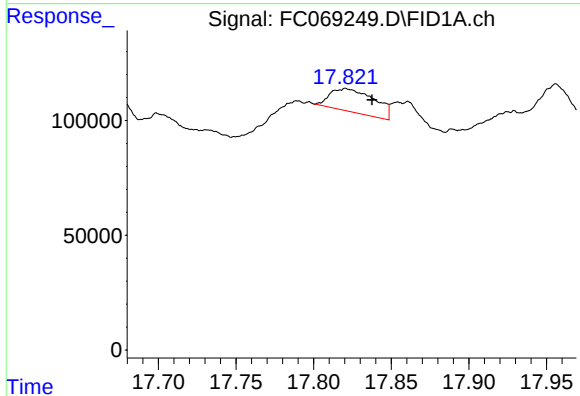
R.T.: 16.028 min
Delta R.T.: 0.031 min
Response: 636472
Conc: 4.87 ug/ml



#16 n-Octacosane (C28)

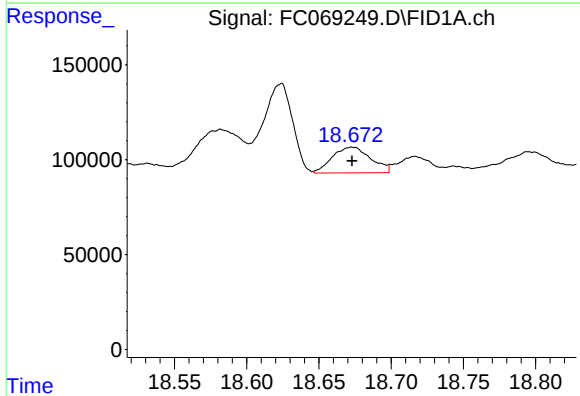
R.T.: 16.979 min
Delta R.T.: 0.030 min
Response: 3768534
Conc: 30.56 ug/ml

Instrument :
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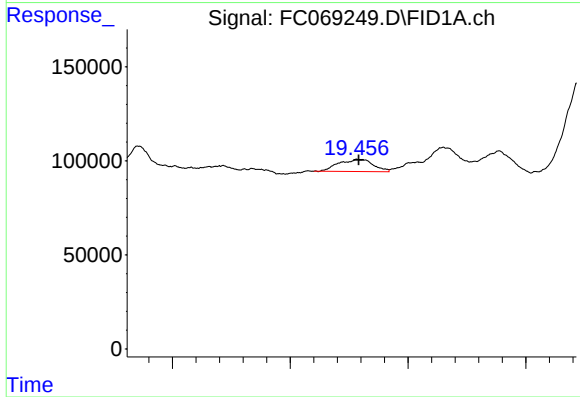
#17 n-Tricontane (C30)

R.T.: 17.821 min
Delta R.T.: -0.017 min
Response: 200811
Conc: 1.69 ug/ml



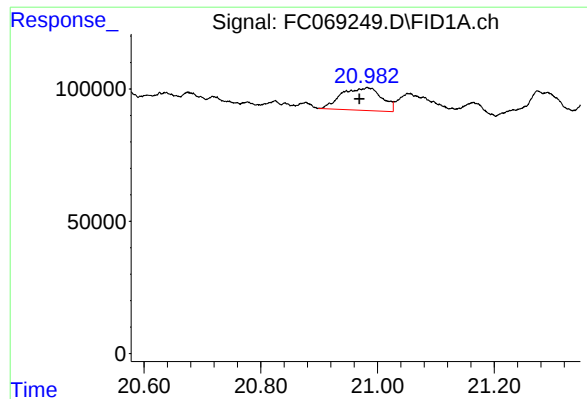
#18 n-Dotriacontane (C32)

R.T.: 18.673 min
Delta R.T.: 0.000 min
Response: 251557
Conc: 2.30 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.459 min
Delta R.T.: 0.000 min
Response: 131387
Conc: 1.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.983 min
Delta R.T.: 0.014 min
Response: 407438
Conc: 5.45 ug/ml

Instrument :
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