

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071423AL\
 Data File : FG012394.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jul 2023 21:38
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jul 15 01:23:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 15 01:18:50 2023
 Response via : Initial Calibration
 Integrator: ChemStation

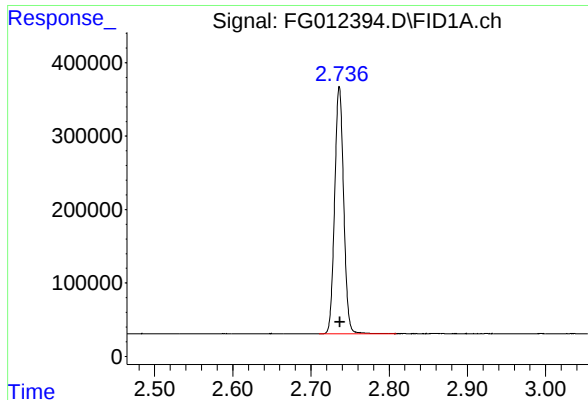
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	10.888	3363680	21.526 ug/ml
Spiked Amount 50.000		Recovery =	43.05%
12) S 1-chlorooctadecane (S...	12.327	2502831	21.595 ug/ml
Spiked Amount 50.000		Recovery =	43.19%
Target Compounds			
1) T n-Nonane (C9)	2.736	2693759	21.656 ug/ml
2) T n-Decane (C10)	3.745	2760835	21.714 ug/ml
3) T A~Naphthalene (C11.7)	5.310	3004142	21.704 ug/ml
4) T n-Dodecane (C12)	5.734	2789227	21.680 ug/ml
5) T A~2-methylnaphthalene...	6.360	2849973	21.826 ug/ml
6) T n-Tetradecane (C14)	7.527	2777965	21.753 ug/ml
7) T n-Hexadecane (C16)	9.129	2928428	21.963 ug/ml
8) T n-Octadecane (C18)	10.572	3019548	21.743 ug/ml
10) T n-Eicosane (C20)	11.883	2928456	21.661 ug/ml
11) T n-Heneicosane (C21)	12.494	2858888	21.550 ug/ml
13) T n-Docosane (C22)	13.081	2869100	21.763 ug/ml
14) T n-Tetracosane (C24)	14.185	3020494	21.506 ug/ml
15) T n-Hexacosane (C26)	15.208	2810588	22.265 ug/ml
16) T n-Octacosane (C28)	16.159	2801981	22.289 ug/ml
17) T n-Tricontane (C30)	17.047	2897720	21.929 ug/ml
18) T n-Dotriacontane (C32)	17.880	2872149	21.586 ug/ml
19) T n-Tetratriacontane (C34)	18.665	2742142	21.402 ug/ml
20) T n-Hexatriacontane (C36)	19.407	2631813	21.298 ug/ml
21) T n-Octatriacontane (C38)	20.142	2521105	21.108 ug/ml
22) T n-Tetracontane (C40)	21.050	2509866	21.660 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



#1 n-Nonane (C9)

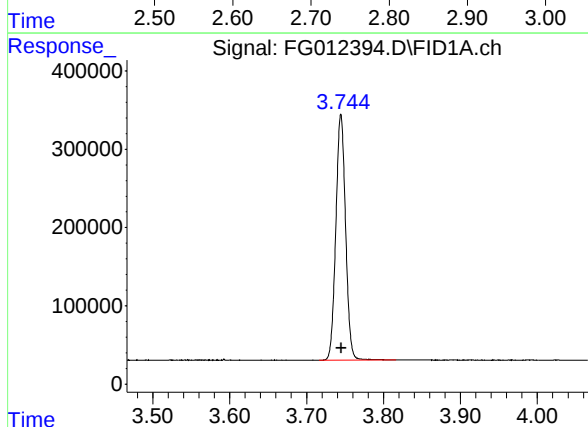
R.T.: 2.736 min
Delta R.T.: 0.000 min
Response: 2693759
Conc: 21.66 ug/ml

Instrument :

FID_G

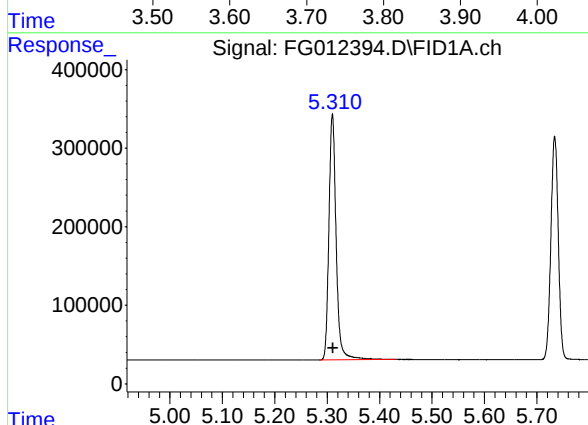
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



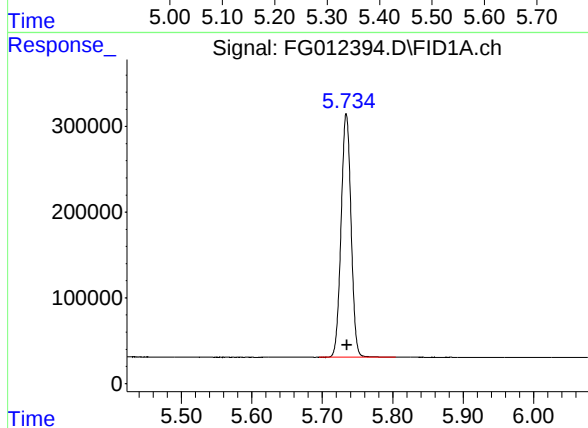
#2 n-Decane (C10)

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 2760835
Conc: 21.71 ug/ml



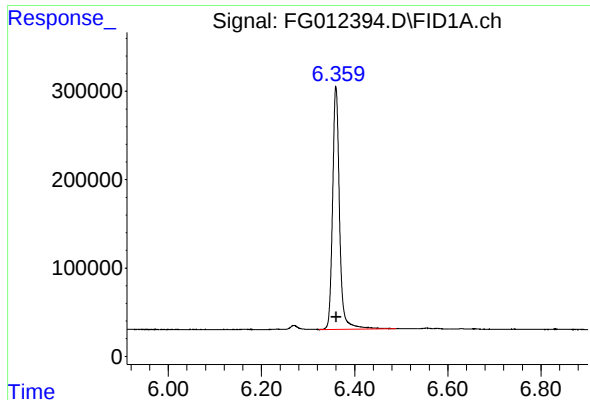
#3 A~Naphthalene (C11.7)

R.T.: 5.310 min
Delta R.T.: 0.000 min
Response: 3004142
Conc: 21.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 2789227
Conc: 21.68 ug/ml



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

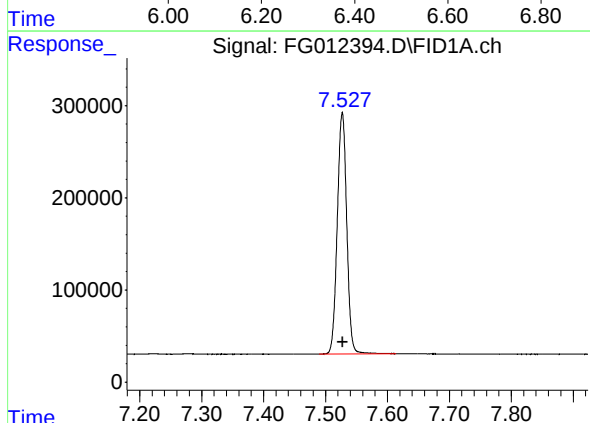
R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 2849973
Conc: 21.83 ug/ml

Instrument :

FID_G

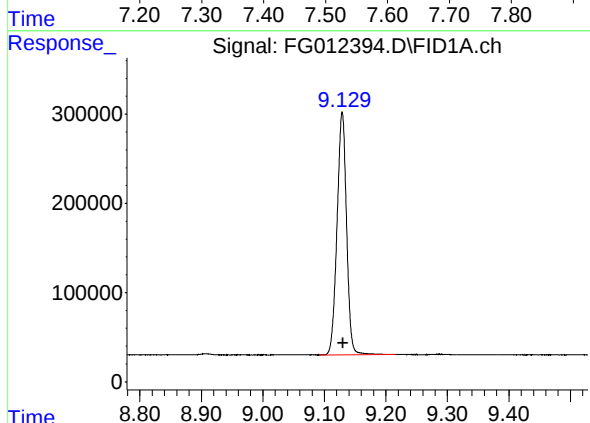
ClientSampleId :

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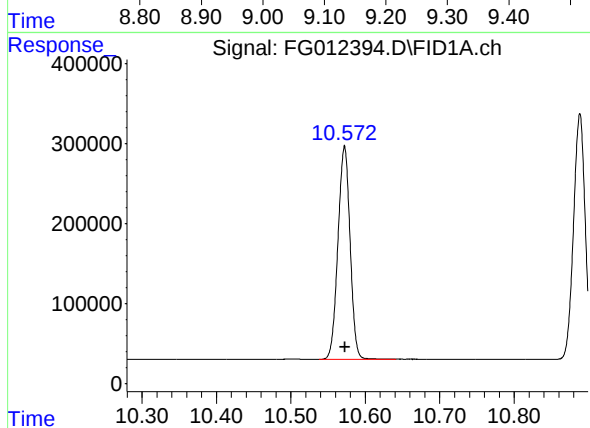
#6 n-Tetradecane (C14)

R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 2777965
Conc: 21.75 ug/ml



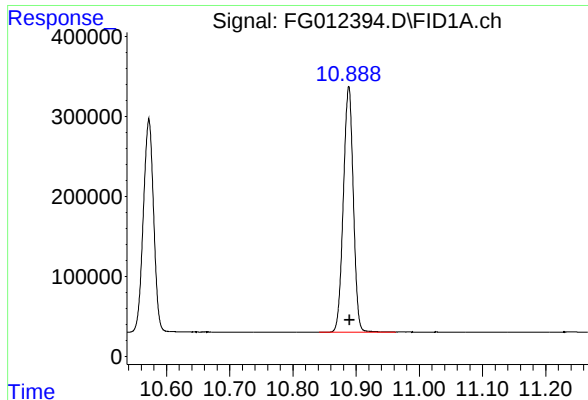
#7 n-Hexadecane (C16)

R.T.: 9.129 min
Delta R.T.: -0.001 min
Response: 2928428
Conc: 21.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.572 min
Delta R.T.: 0.000 min
Response: 3019548
Conc: 21.74 ug/ml



#9 ortho-Terphenyl (SURR)

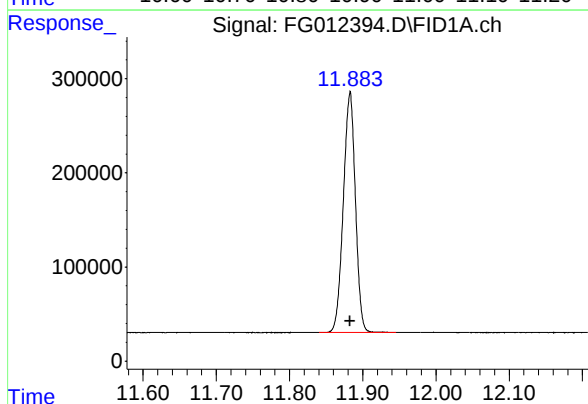
R.T.: 10.888 min
Delta R.T.: -0.001 min
Response: 3363680
Conc: 21.53 ug/ml

Instrument :

FID_G

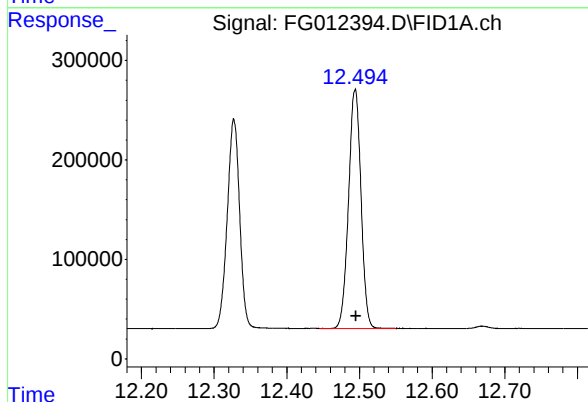
ClientSampleId :

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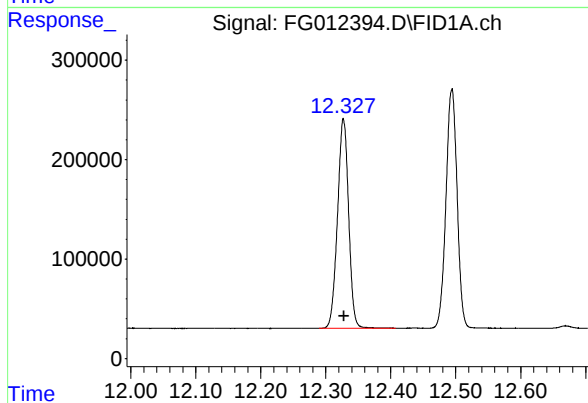
#10 n-Eicosane (C20)

R.T.: 11.883 min
Delta R.T.: 0.000 min
Response: 2928456
Conc: 21.66 ug/ml



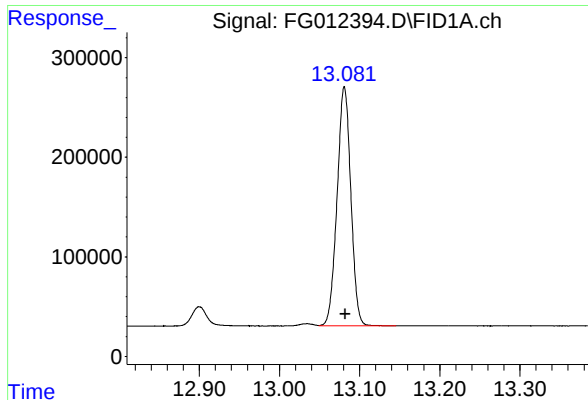
#11 n-Heneicosane (C21)

R.T.: 12.494 min
Delta R.T.: 0.000 min
Response: 2858888
Conc: 21.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.327 min
Delta R.T.: -0.001 min
Response: 2502831
Conc: 21.59 ug/ml



#13 n-Docosane (C22)

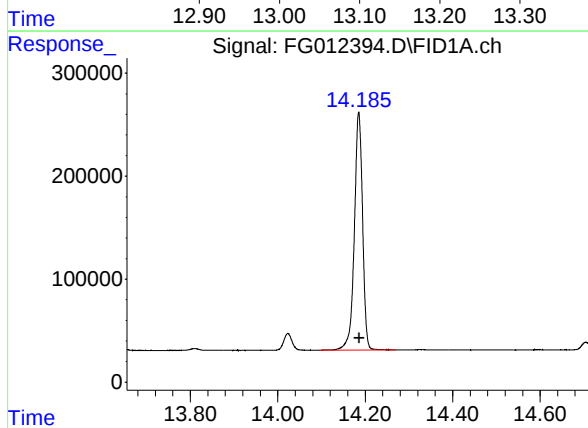
R.T.: 13.081 min
Delta R.T.: -0.001 min
Response: 2869100
Conc: 21.76 ug/ml

Instrument :

FID_G

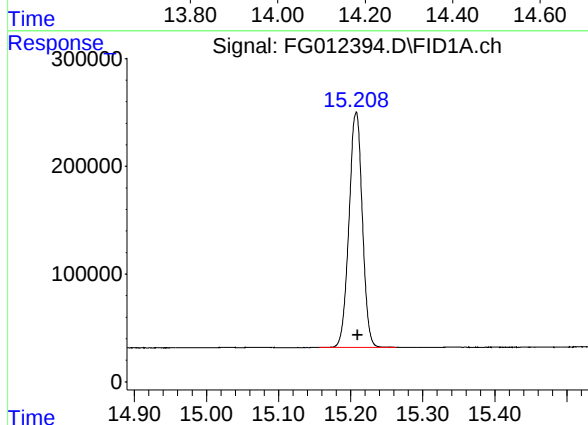
ClientSampleId :

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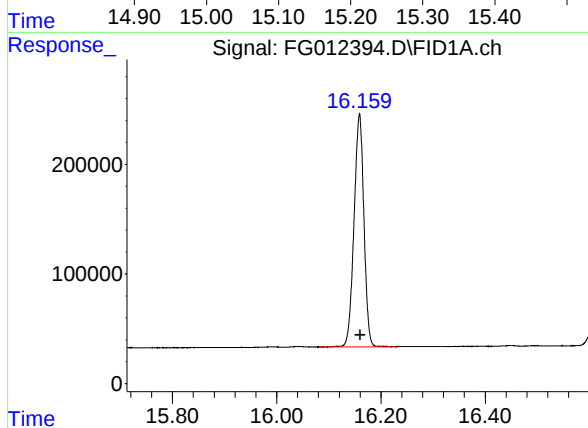
#14 n-Tetracosane (C24)

R.T.: 14.185 min
Delta R.T.: -0.002 min
Response: 3020494
Conc: 21.51 ug/ml



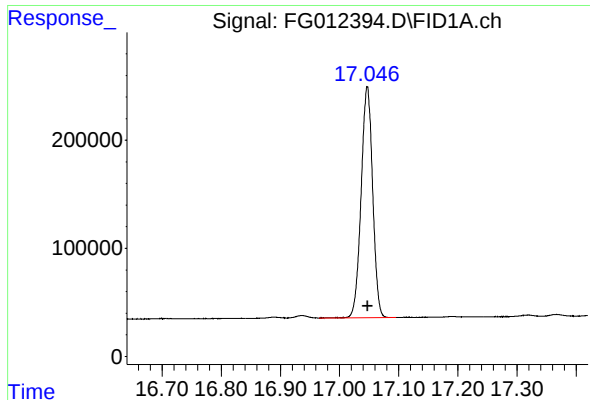
#15 n-Hexacosane (C26)

R.T.: 15.208 min
Delta R.T.: -0.002 min
Response: 2810588
Conc: 22.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.159 min
Delta R.T.: -0.001 min
Response: 2801981
Conc: 22.29 ug/ml



#17 n-Tricontane (C30)

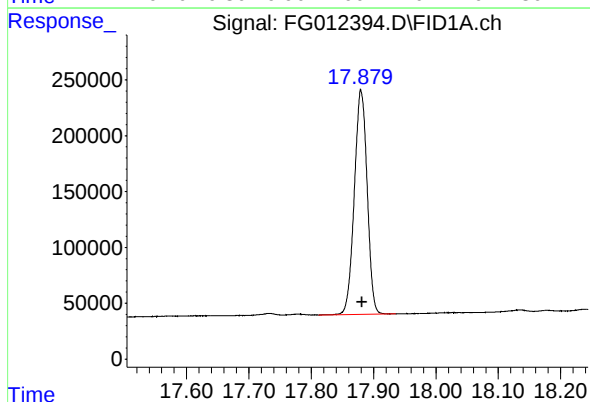
R.T.: 17.047 min
Delta R.T.: 0.000 min
Response: 2897720
Conc: 21.93 ug/ml

Instrument :

FID_G

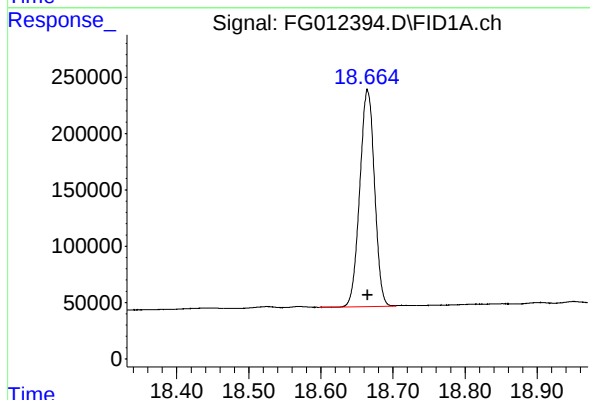
ClientSampleId :

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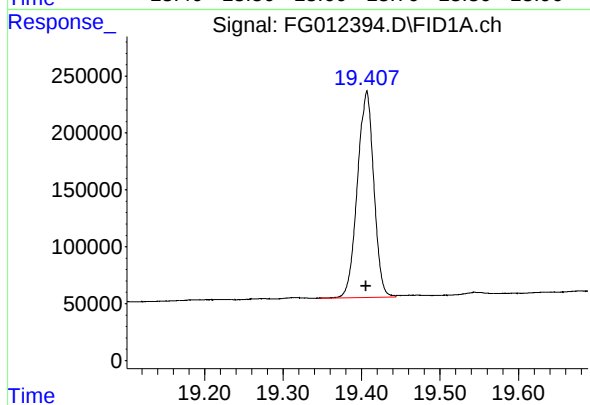
#18 n-Dotriacontane (C32)

R.T.: 17.880 min
Delta R.T.: -0.001 min
Response: 2872149
Conc: 21.59 ug/ml



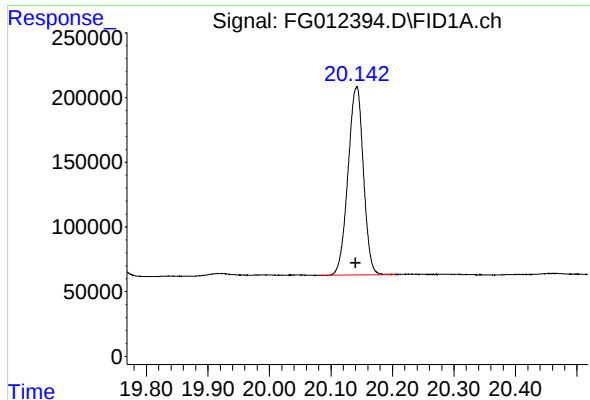
#19 n-Tetatriacontane (C34)

R.T.: 18.665 min
Delta R.T.: 0.000 min
Response: 2742142
Conc: 21.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.407 min
Delta R.T.: 0.000 min
Response: 2631813
Conc: 21.30 ug/ml



#21 n-Octatriacontane (C38)

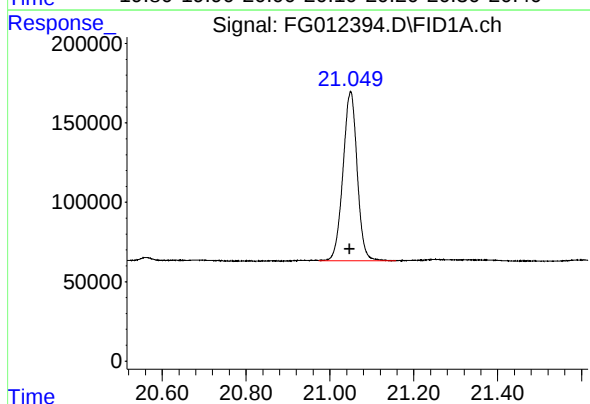
R.T.: 20.142 min
Delta R.T.: 0.002 min
Response: 2521105
Conc: 21.11 ug/ml

Instrument :

FID_G

ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.050 min
Delta R.T.: 0.002 min
Response: 2509866
Conc: 21.66 ug/ml