

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102723AL\
 Data File : FE045072.D
 Signal(s) : FID1B.ch
 Acq On : 27 Oct 2023 19:22
 Operator : YP\AJ
 Sample : 05090-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 28 00:46:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.902	11811139	58.919 ug/ml
Spiked Amount 50.000		Recovery =	117.84%
12) S 1-chlorooctadecane (S...	13.344	7876968	53.228 ug/ml
Spiked Amount 50.000		Recovery =	106.46%
Target Compounds			
5) T A~2-methylnaphthalene...	7.334	87063	0.483 ug/ml
6) T n-Tetradecane (C14)	8.526	100346	0.585 ug/ml
7) T n-Hexadecane (C16)	10.137	678069	3.878 ug/ml
8) T n-Octadecane (C18)	11.584	4707433	26.990 ug/ml
10) T n-Eicosane (C20)	12.897	3063321	18.340 ug/ml
11) T n-Heneicosane (C21)	13.510	2441038	14.975 ug/ml
13) T n-Docosane (C22)	14.096	1448682	9.057 ug/ml
14) T n-Tetracosane (C24)	15.197	128090	0.825 ug/ml
15) T n-Hexacosane (C26)	16.220	68177	0.454 ug/ml
16) T n-Octacosane (C28)	17.171	116329	0.792 ug/ml
17) T n-Tricontane (C30)	18.061	255567	1.718 ug/ml
18) T n-Dotriacontane (C32)	18.892	270050	1.799 ug/ml
19) T n-Tetratriacontane (C34)	19.691	112531	0.756 ug/ml
20) T n-Hexatriacontane (C36)	20.431	71700	0.466 ug/ml
22) T n-Tetracontane (C40)	22.086	260538	1.559 ug/ml

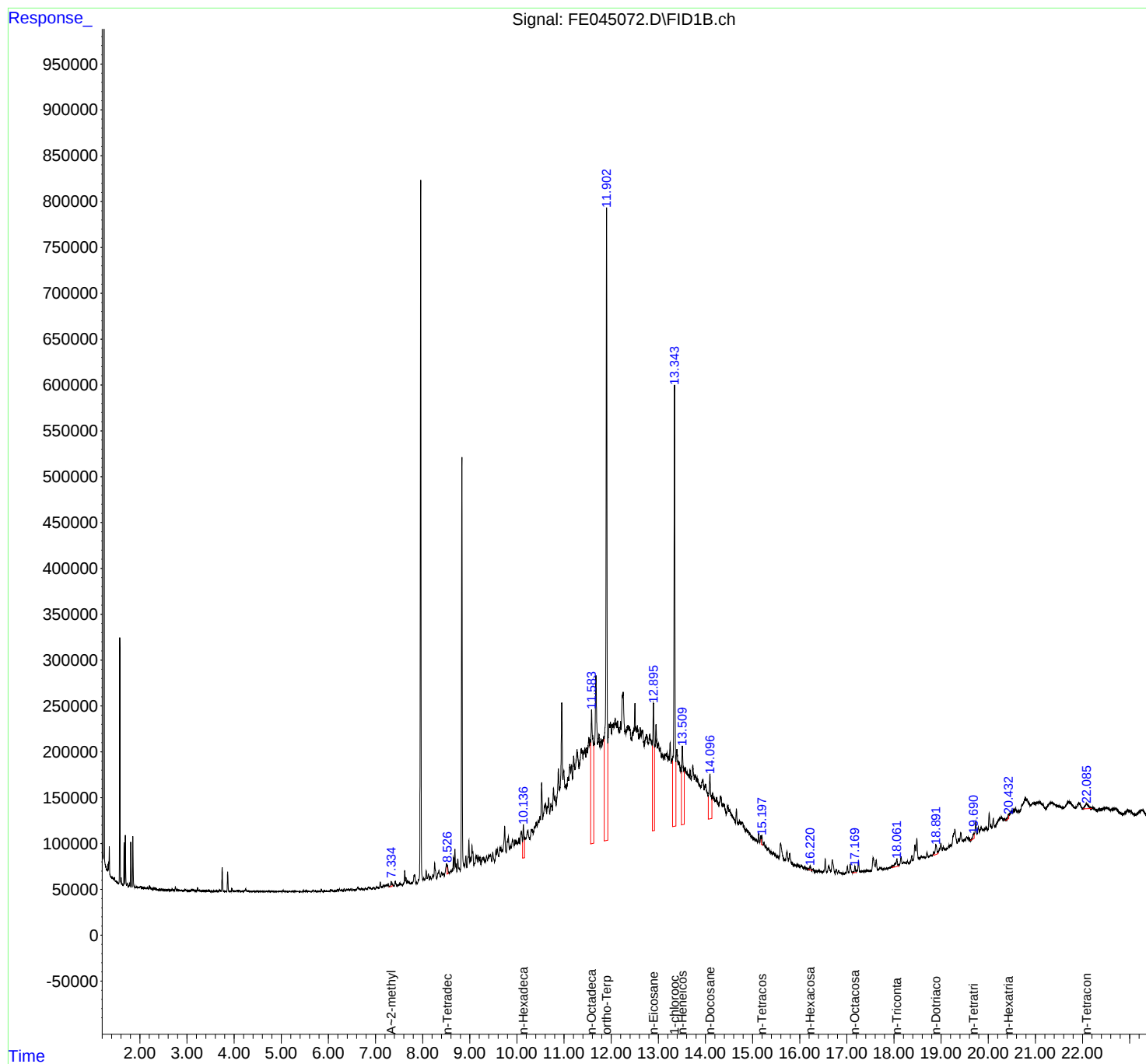
(f)=RT Delta > 1/2 Window

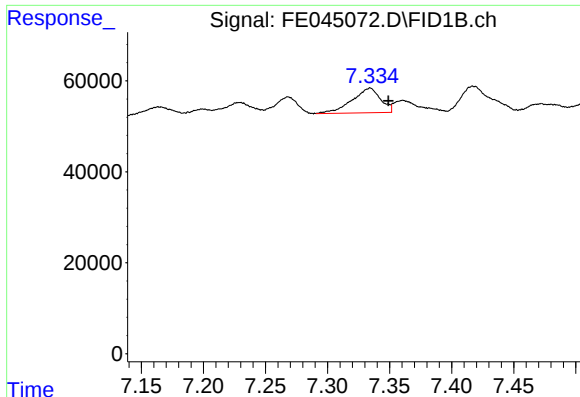
(m)=manual int.

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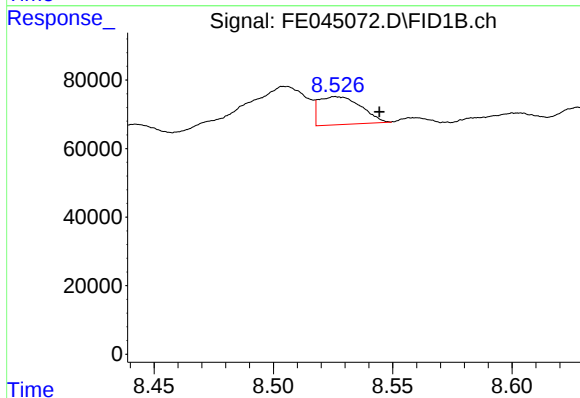
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





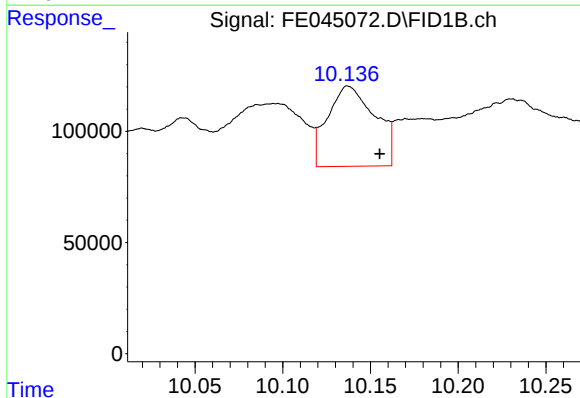
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.334 min
Delta R.T.: -0.015 min
Response: 87063
Conc: 0.48 ug/ml



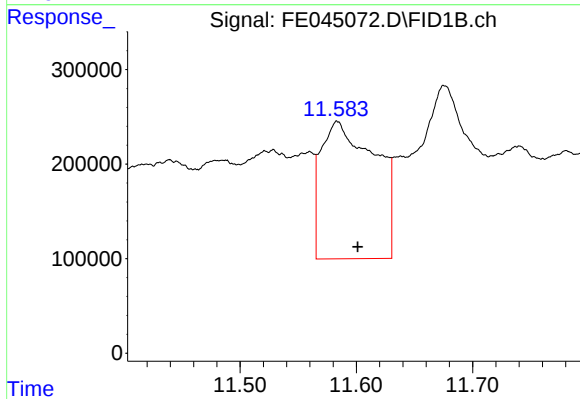
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.018 min
Response: 100346
Conc: 0.59 ug/ml



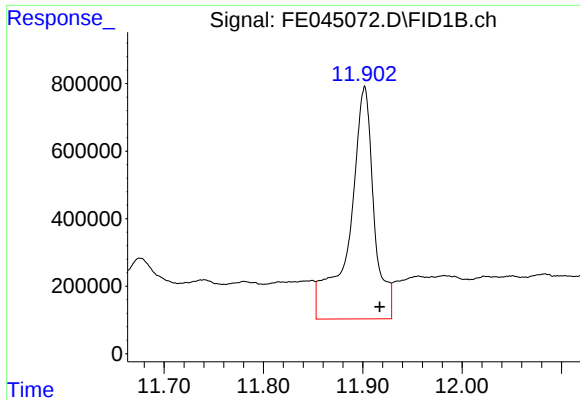
#7 n-Hexadecane (C16)

R.T.: 10.137 min
Delta R.T.: -0.018 min
Response: 678069
Conc: 3.88 ug/ml



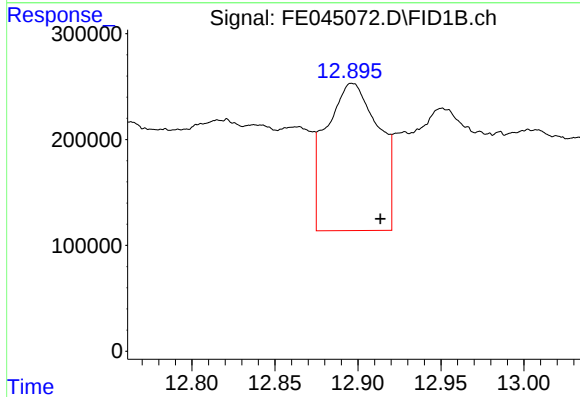
#8 n-Octadecane (C18)

R.T.: 11.584 min
Delta R.T.: -0.018 min
Response: 4707433
Conc: 26.99 ug/ml



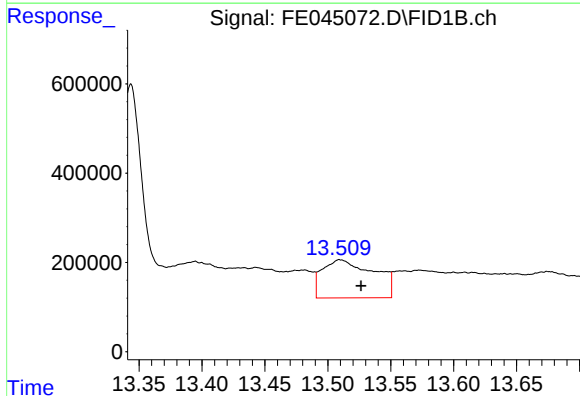
#9 ortho-Terphenyl (SURR)

R.T.: 11.902 min
Delta R.T.: -0.015 min
Response: 11811139
Conc: 58.92 ug/ml



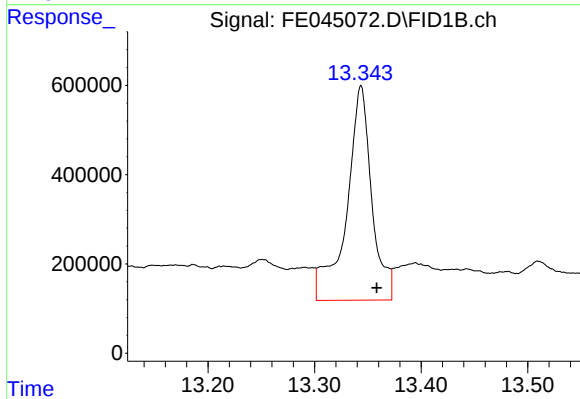
#10 n-Eicosane (C20)

R.T.: 12.897 min
Delta R.T.: -0.017 min
Response: 3063321
Conc: 18.34 ug/ml



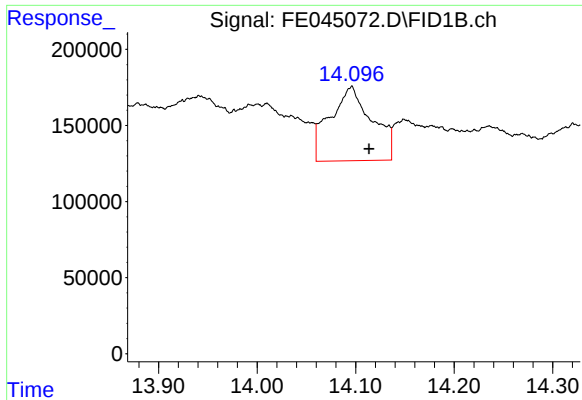
#11 n-Heneicosane (C21)

R.T.: 13.510 min
Delta R.T.: -0.017 min
Response: 2441038
Conc: 14.97 ug/ml



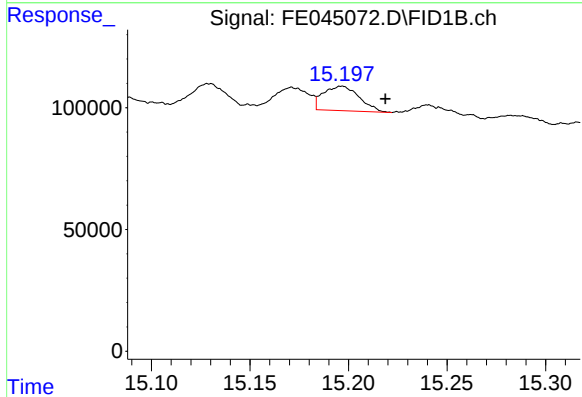
#12 1-chlorooctadecane (SURR)

R.T.: 13.344 min
Delta R.T.: -0.015 min
Response: 7876968
Conc: 53.23 ug/ml



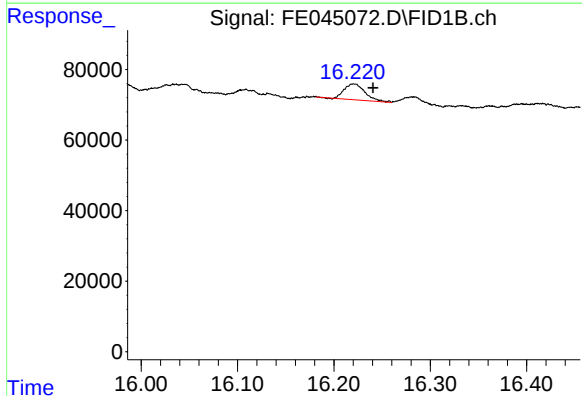
#13 n-Docosane (C22)

R.T.: 14.096 min
Delta R.T.: -0.018 min
Response: 1448682
Conc: 9.06 ug/ml



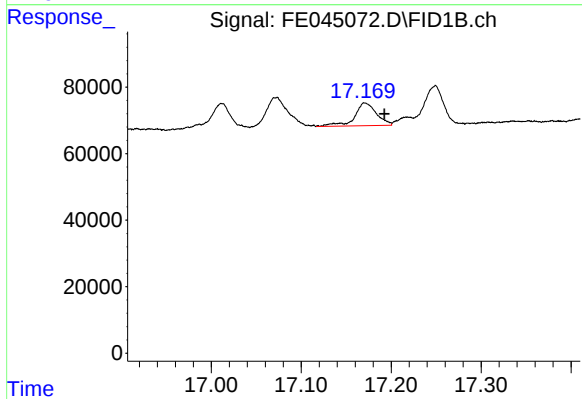
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.022 min
Response: 128090
Conc: 0.83 ug/ml



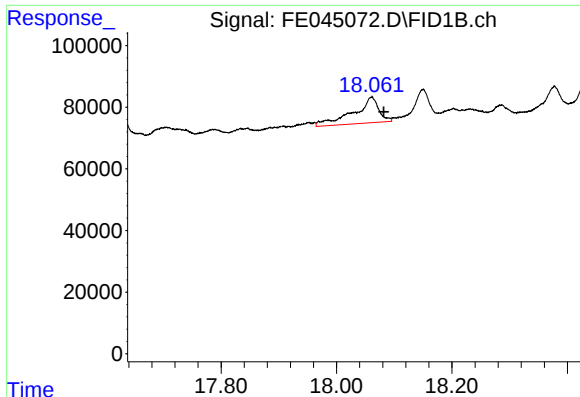
#15 n-Hexacosane (C26)

R.T.: 16.220 min
Delta R.T.: -0.020 min
Response: 68177
Conc: 0.45 ug/ml



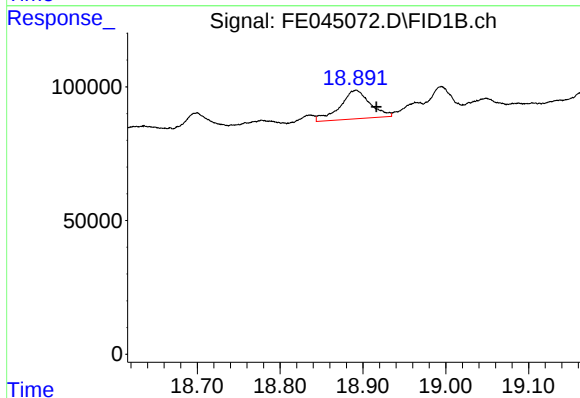
#16 n-Octacosane (C28)

R.T.: 17.171 min
Delta R.T.: -0.022 min
Response: 116329
Conc: 0.79 ug/ml



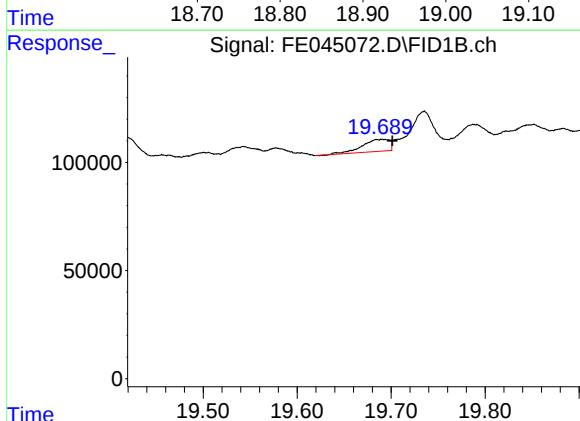
#17 n-Tricontane (C30)

R.T.: 18.061 min
Delta R.T.: -0.021 min
Response: 255567
Conc: 1.72 ug/ml



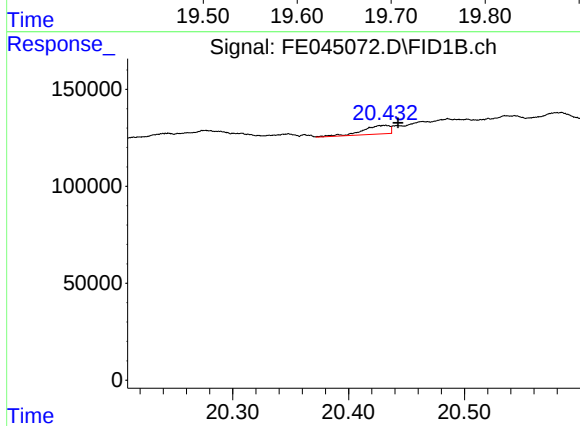
#18 n-Dotriacontane (C32)

R.T.: 18.892 min
Delta R.T.: -0.024 min
Response: 270050
Conc: 1.80 ug/ml



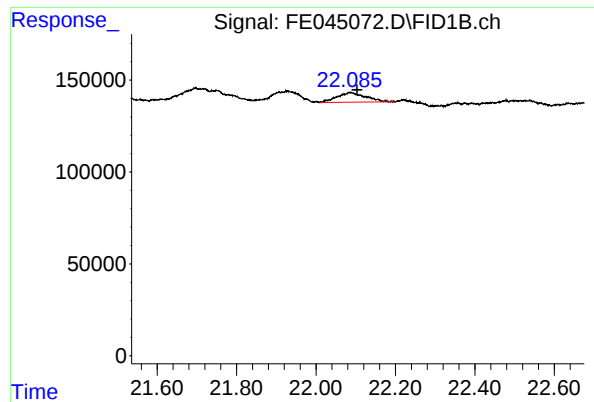
#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: -0.011 min
Response: 112531
Conc: 0.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.431 min
Delta R.T.: -0.011 min
Response: 71700
Conc: 0.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.086 min
Delta R.T.: -0.017 min
Response: 260538
Conc: 1.56 ug/ml