

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072924AL\
 Data File : FG013974.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jul 2024 13:29
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jul 30 03:59:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 03:59:07 2024
 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)	11.858	6622648	49.054 ug/ml
Spiked Amount 50.000		Recovery =	98.11%
12) S 1-chlorooctadecane (S...	13.303	4974068	49.402 ug/ml
Spiked Amount 50.000		Recovery =	98.80%
Target Compounds			
1) T n-Nonane (C9)	3.226	6306461	48.596 ug/ml
2) T n-Decane (C10)	4.479	6436210	48.673 ug/ml
3) T A~Naphthalene (C11.7)	6.183	6780599	49.404 ug/ml
4) T n-Dodecane (C12)	6.652	6433441	48.741 ug/ml
5) T A~2-methylnaphthalene...	7.283	6475067	49.798 ug/ml
6) T n-Tetradecane (C14)	8.485	6309527	48.863 ug/ml
7) T n-Hexadecane (C16)	10.097	6417327	48.986 ug/ml
8) T n-Octadecane (C18)	11.545	6403818	49.085 ug/ml
10) T n-Eicosane (C20)	12.859	6054212	49.044 ug/ml
11) T n-Heneicosane (C21)	13.473	5914480	48.992 ug/ml
13) T n-Docosane (C22)	14.061	5852466	49.017 ug/ml
14) T n-Tetracosane (C24)	15.167	5767777	48.906 ug/ml
15) T n-Hexacosane (C26)	16.192	5643253	48.783 ug/ml
16) T n-Octacosane (C28)	17.145	5524920	48.717 ug/ml
17) T n-Tricontane (C30)	18.035	5571475	48.275 ug/ml
18) T n-Dotriacontane (C32)	18.870	5480356	48.104 ug/ml
19) T n-Tetratriacontane (C34)	19.656	5381789	47.448 ug/ml
20) T n-Hexatriacontane (C36)	20.398	5363223	48.052 ug/ml
21) T n-Octatriacontane (C38)	21.134	5505099	48.006 ug/ml
22) T n-Tetracontane (C40)	22.044	5508757	47.640 ug/ml

(f)=RT Delta > 1/2 Window

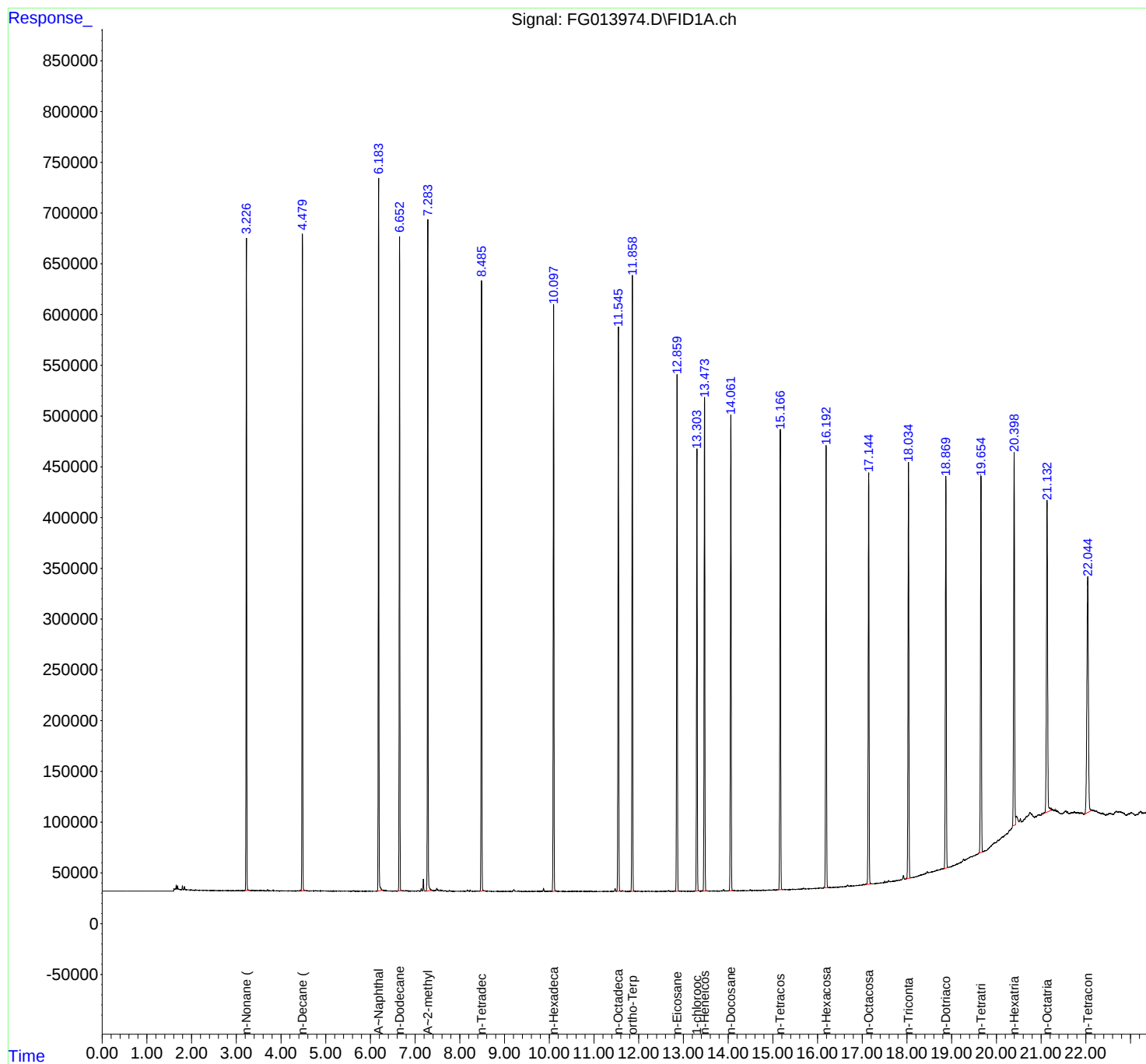
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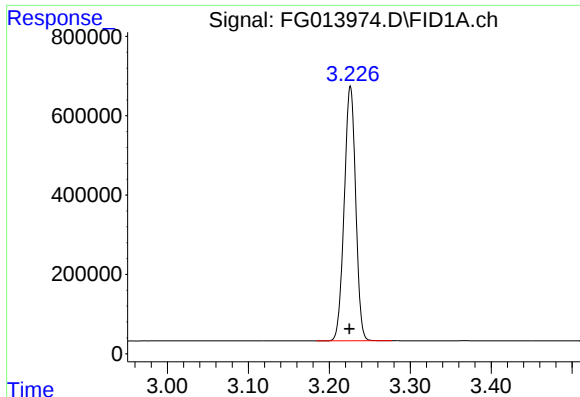
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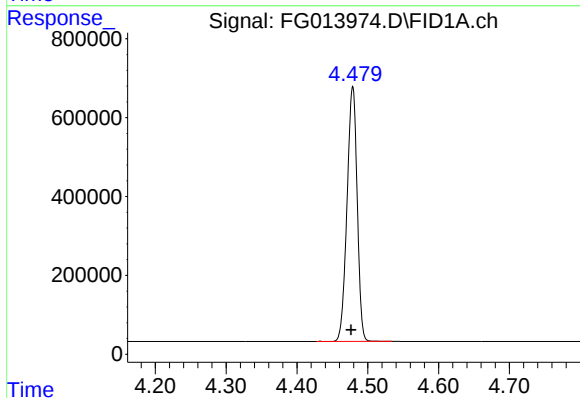




#1 n-Nonane (C9)

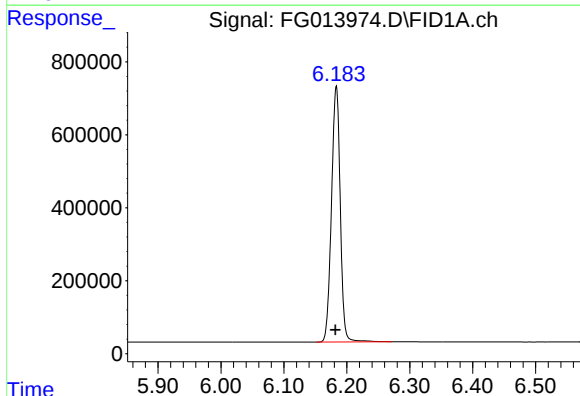
R.T.: 3.226 min
Delta R.T.: 0.001 min
Response: 6306461
Conc: 48.60 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



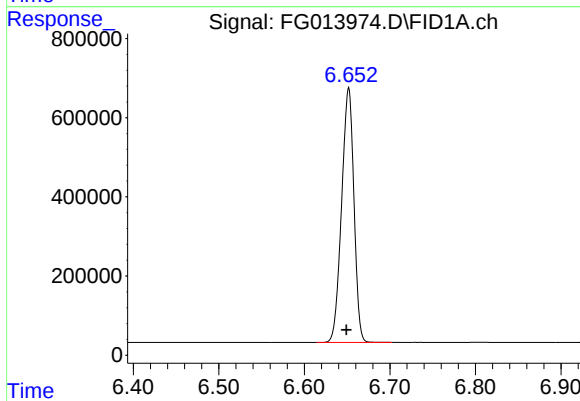
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: 0.002 min
Response: 6436210
Conc: 48.67 ug/ml



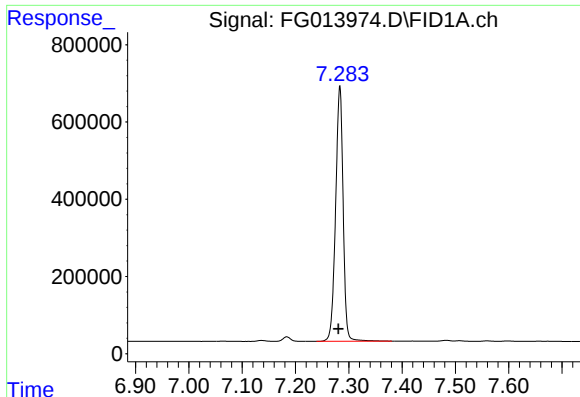
#3 A~Naphthalene (C11.7)

R.T.: 6.183 min
Delta R.T.: 0.002 min
Response: 6780599
Conc: 49.40 ug/ml



#4 n-Dodecane (C12)

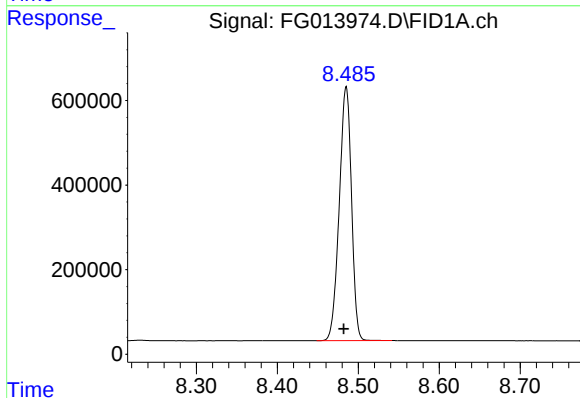
R.T.: 6.652 min
Delta R.T.: 0.003 min
Response: 6433441
Conc: 48.74 ug/ml



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

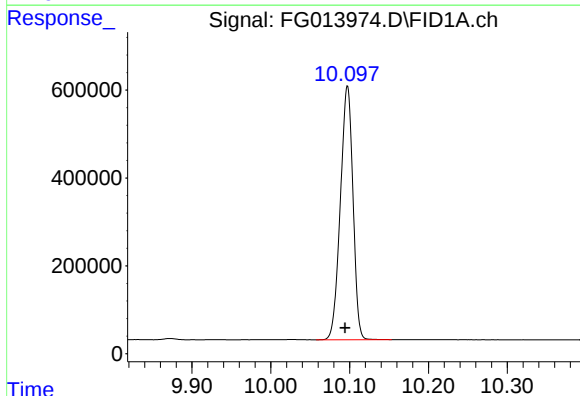
R.T.: 7.283 min
Delta R.T.: 0.003 min
Response: 6475067
Conc: 49.80 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



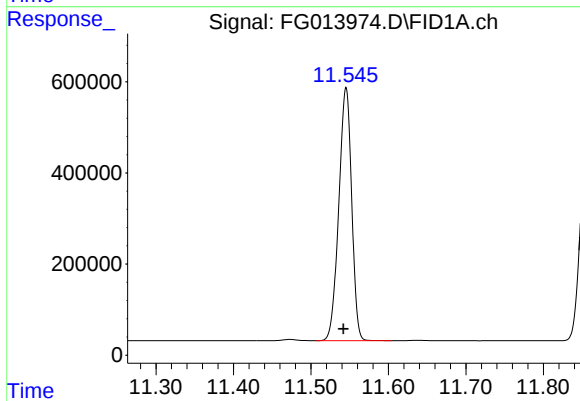
#6 n-Tetradecane (C14)

R.T.: 8.485 min
Delta R.T.: 0.003 min
Response: 6309527
Conc: 48.86 ug/ml



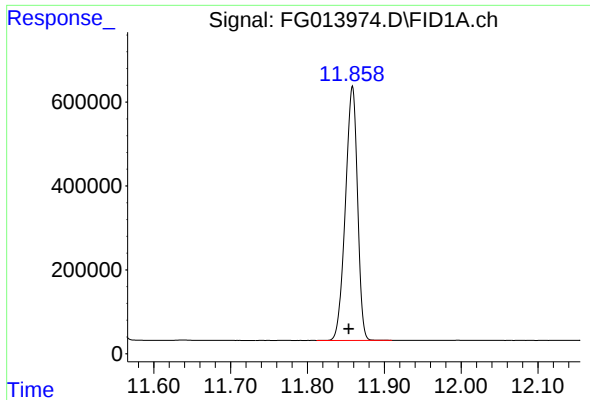
#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: 0.003 min
Response: 6417327
Conc: 48.99 ug/ml



#8 n-Octadecane (C18)

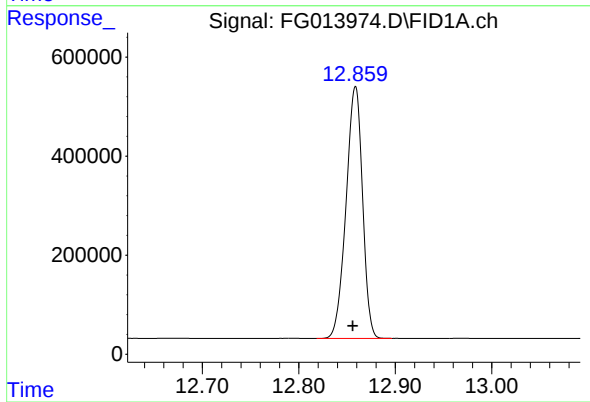
R.T.: 11.545 min
Delta R.T.: 0.003 min
Response: 6403818
Conc: 49.08 ug/ml



#9 ortho-Terphenyl (SURR)

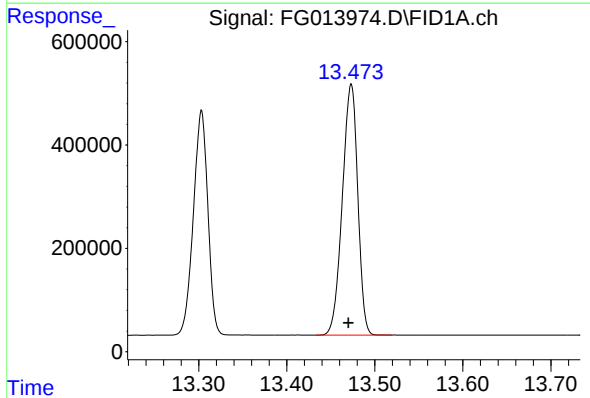
R.T.: 11.858 min
Delta R.T.: 0.005 min
Response: 6622648
Conc: 49.05 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



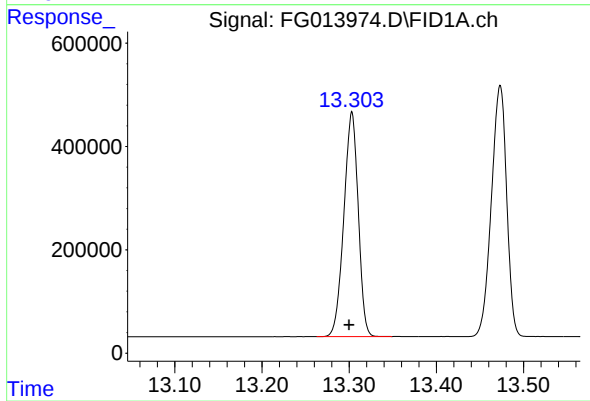
#10 n-Eicosane (C20)

R.T.: 12.859 min
Delta R.T.: 0.003 min
Response: 6054212
Conc: 49.04 ug/ml



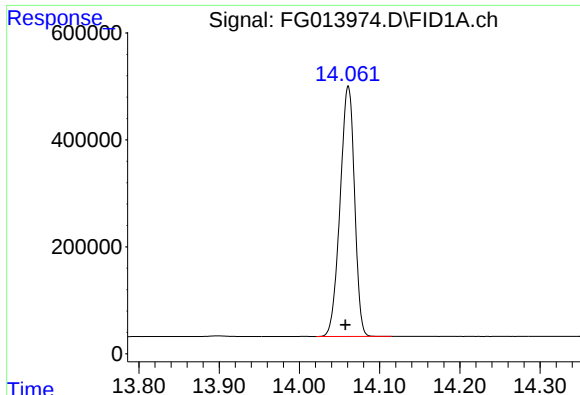
#11 n-Heneicosane (C21)

R.T.: 13.473 min
Delta R.T.: 0.003 min
Response: 5914480
Conc: 48.99 ug/ml



#12 1-chlorooctadecane (SURR)

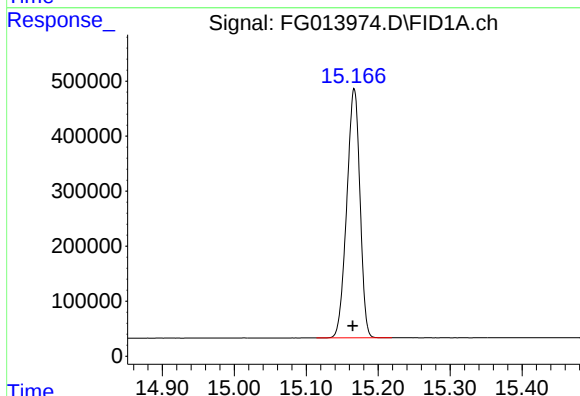
R.T.: 13.303 min
Delta R.T.: 0.003 min
Response: 4974068
Conc: 49.40 ug/ml



#13 n-Docosane (C22)

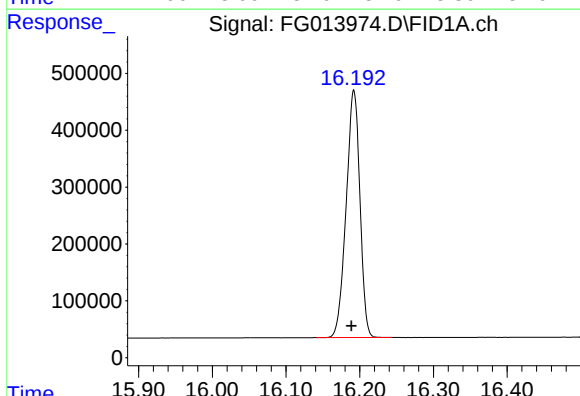
R.T.: 14.061 min
Delta R.T.: 0.004 min
Response: 5852466
Conc: 49.02 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



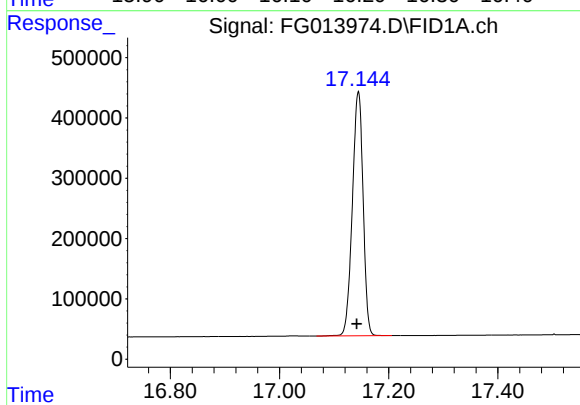
#14 n-Tetracosane (C24)

R.T.: 15.167 min
Delta R.T.: 0.002 min
Response: 5767777
Conc: 48.91 ug/ml



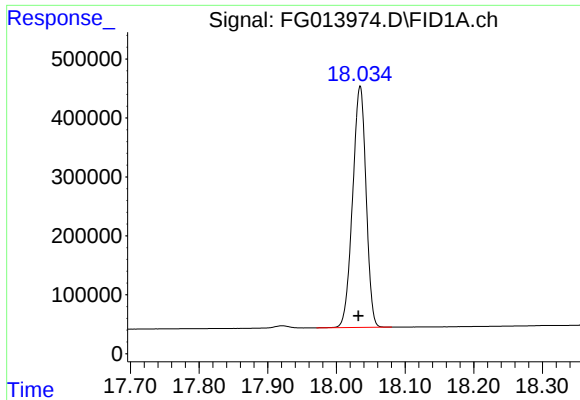
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: 0.003 min
Response: 5643253
Conc: 48.78 ug/ml



#16 n-Octacosane (C28)

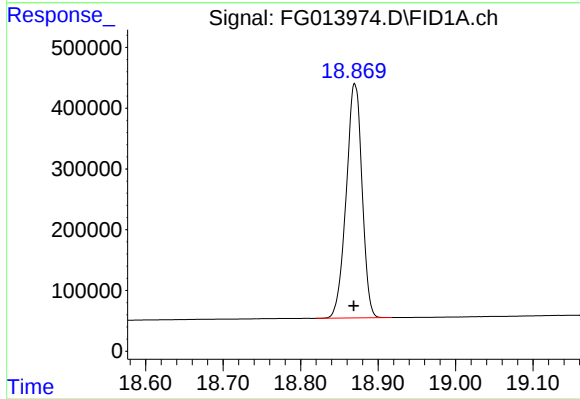
R.T.: 17.145 min
Delta R.T.: 0.003 min
Response: 5524920
Conc: 48.72 ug/ml



#17 n-Tricontane (C30)

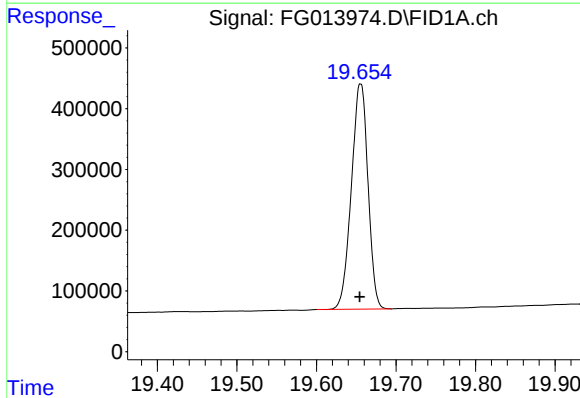
R.T.: 18.035 min
Delta R.T.: 0.003 min
Response: 5571475
Conc: 48.27 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



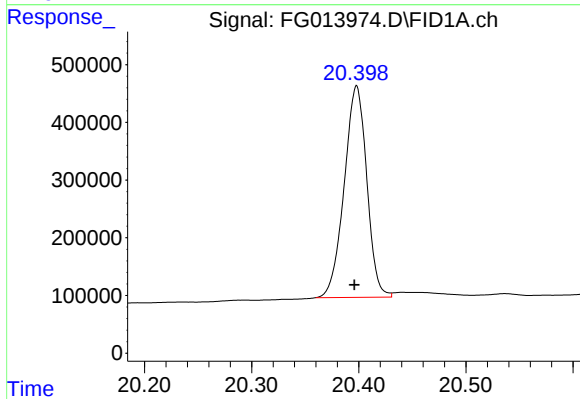
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: 0.001 min
Response: 5480356
Conc: 48.10 ug/ml



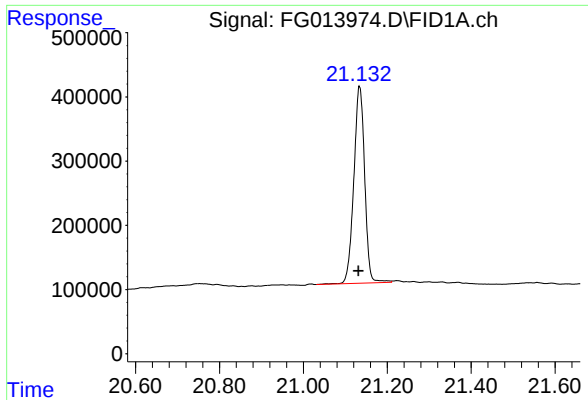
#19 n-Tetratriacontane (C34)

R.T.: 19.656 min
Delta R.T.: 0.001 min
Response: 5381789
Conc: 47.45 ug/ml



#20 n-Hexatriacontane (C36)

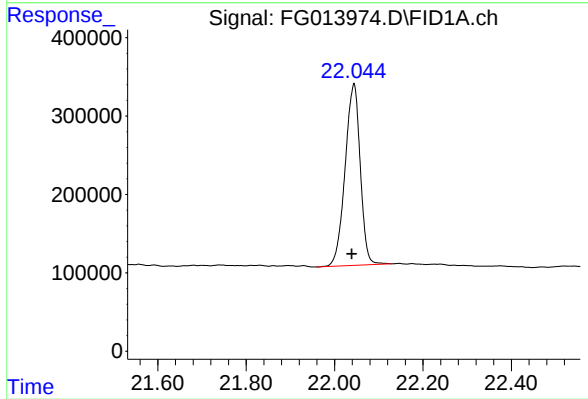
R.T.: 20.398 min
Delta R.T.: 0.002 min
Response: 5363223
Conc: 48.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.134 min
Delta R.T.: 0.003 min
Response: 5505099
Conc: 48.01 ug/ml

Instrument :
FID_G
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50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.044 min
Delta R.T.: 0.006 min
Response: 5508757
Conc: 47.64 ug/ml