

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092425AL\
 Data File : FG016627.D
 Signal(s) : FID1A.ch
 Acq On : 24 Sep 2025 13:59
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Sep 24 15:30:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 15:28:33 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)	12.067	13543350	98.222 ug/ml
Spiked Amount 50.000		Recovery =	196.44%
12) S 1-chlorooctadecane (S...	13.510	10679746	97.914 ug/ml
Spiked Amount 50.000		Recovery =	195.83%
Target Compounds			
1) T n-Nonane (C9)	3.384	10831691	98.804 ug/ml
2) T n-Decane (C10)	4.645	11074745	98.852 ug/ml
3) T A~Naphthalene (C11.7)	6.364	12217150	100.002 ug/ml
4) T n-Dodecane (C12)	6.827	11308660	99.129 ug/ml
5) T A~2-methylnaphthalene...	7.468	11928750	101.040 ug/ml
6) T n-Tetradecane (C14)	8.667	11393903	98.805 ug/ml
7) T n-Hexadecane (C16)	10.287	11954366	98.459 ug/ml
8) T n-Octadecane (C18)	11.742	12330072	97.799 ug/ml
10) T n-Eicosane (C20)	13.060	12125534	97.502 ug/ml
11) T n-Heneicosane (C21)	13.678	12050420	97.545 ug/ml
13) T n-Docosane (C22)	14.267	12089669	97.342 ug/ml
14) T n-Tetracosane (C24)	15.379	12192647	96.995 ug/ml
15) T n-Hexacosane (C26)	16.407	12034734	96.916 ug/ml
16) T n-Octacosane (C28)	17.363	11733153	96.263 ug/ml
17) T n-Tricontane (C30)	18.257	11608655	94.399 ug/ml
18) T n-Dotriacontane (C32)	19.093	10857998	92.722 ug/ml
19) T n-Tetratriacontane (C34)	19.881	9726422	93.535 ug/ml
20) T n-Hexatriacontane (C36)	20.625	8339055	95.487 ug/ml
21) T n-Octatriacontane (C38)	21.406	7536794	97.606 ug/ml
22) T n-Tetracontane (C40)	22.399	7095087	98.397 ug/ml

(f)=RT Delta > 1/2 Window

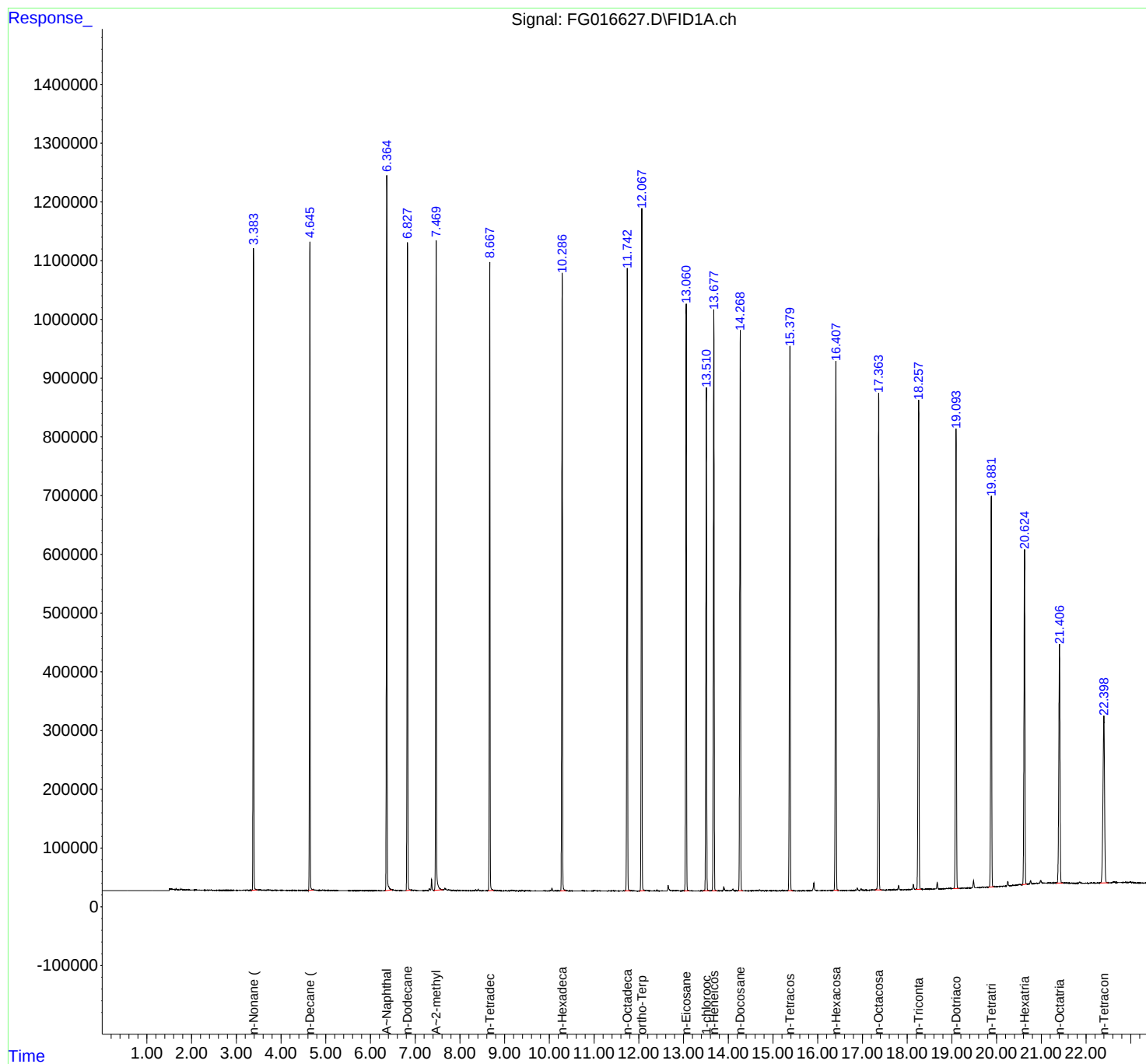
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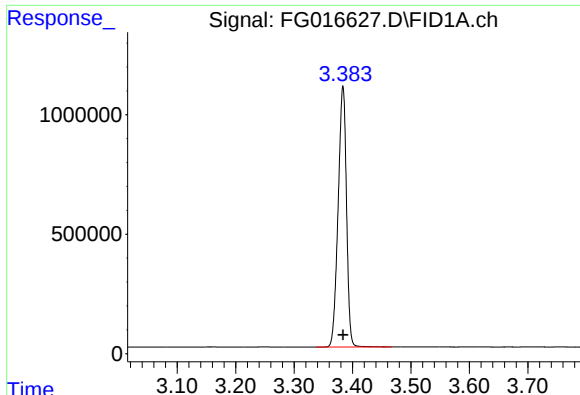
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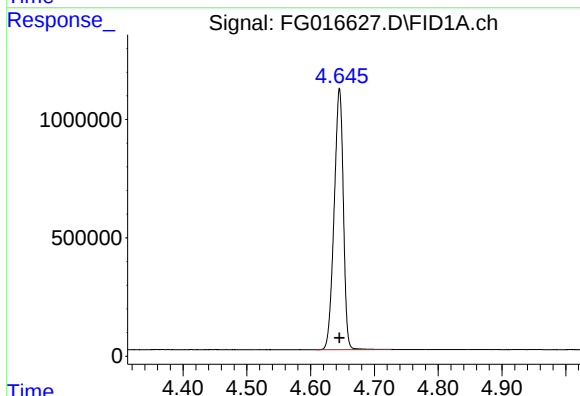




#1 n-Nonane (C9)

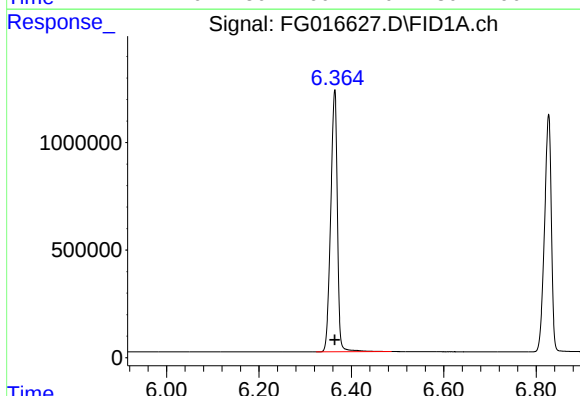
R.T.: 3.384 min
Delta R.T.: 0.000 min
Response: 10831691
Conc: 98.80 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



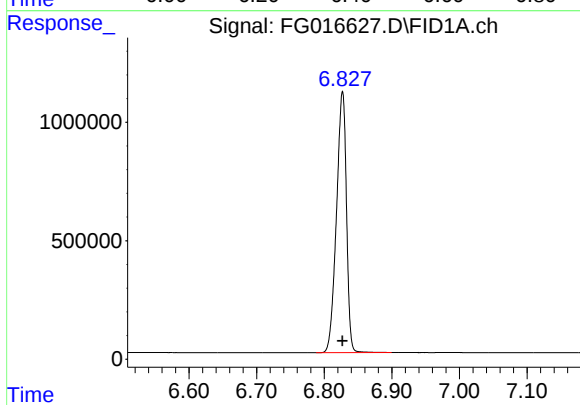
#2 n-Decane (C10)

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 11074745
Conc: 98.85 ug/ml



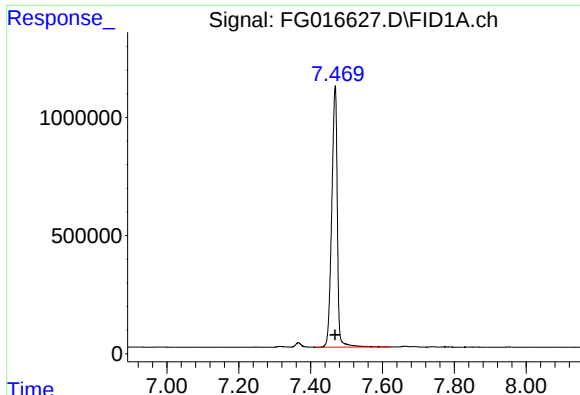
#3 A~Naphthalene (C11.7)

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 12217150
Conc: 100.00 ug/ml



#4 n-Dodecane (C12)

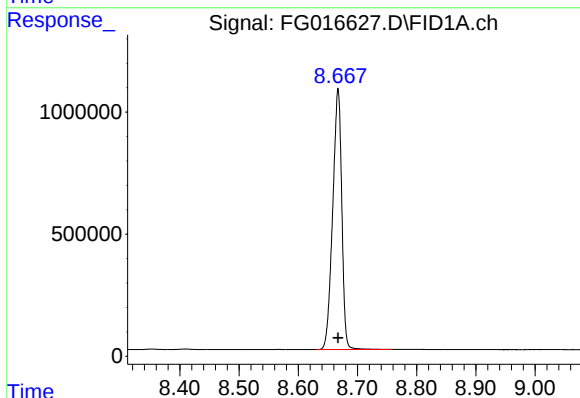
R.T.: 6.827 min
Delta R.T.: 0.000 min
Response: 11308660
Conc: 99.13 ug/ml



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

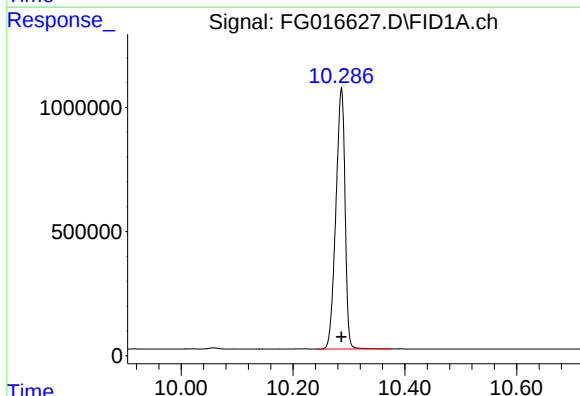
R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 11928750
Conc: 101.04 ug/ml

Instrument :
FID_G
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100 PPM ALIPHATIC HC STD1



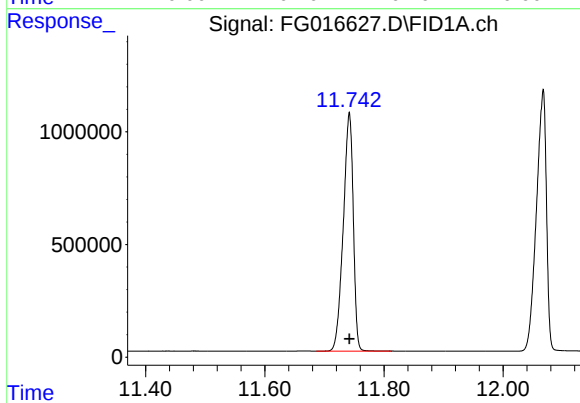
#6 n-Tetradecane (C14)

R.T.: 8.667 min
Delta R.T.: 0.000 min
Response: 11393903
Conc: 98.81 ug/ml



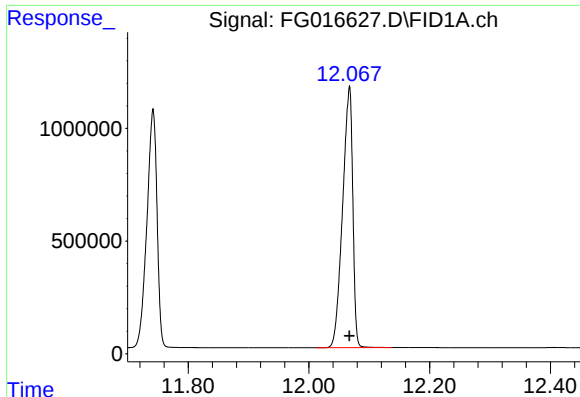
#7 n-Hexadecane (C16)

R.T.: 10.287 min
Delta R.T.: 0.000 min
Response: 11954366
Conc: 98.46 ug/ml



#8 n-Octadecane (C18)

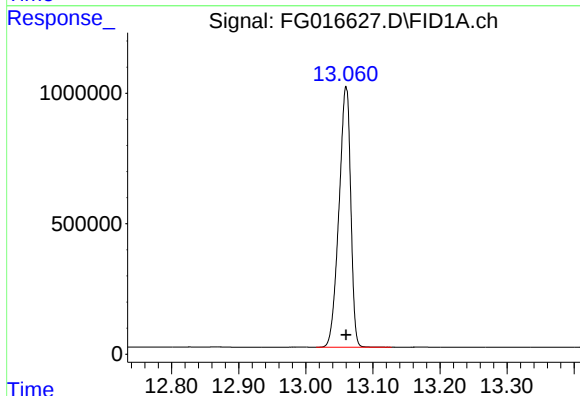
R.T.: 11.742 min
Delta R.T.: 0.000 min
Response: 12330072
Conc: 97.80 ug/ml



#9 ortho-Terphenyl (SURR)

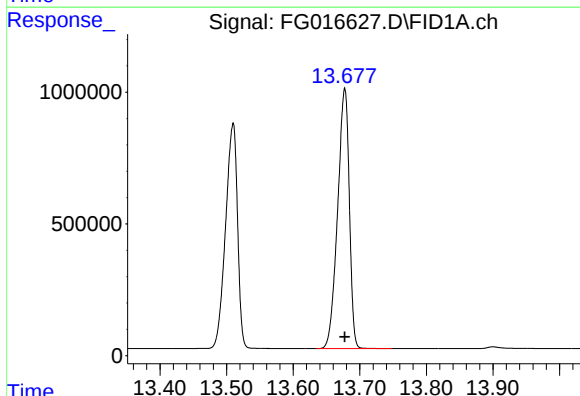
R.T.: 12.067 min
Delta R.T.: 0.000 min
Response: 13543350
Conc: 98.22 ug/ml

Instrument :
FID_G
ClientSampleId :
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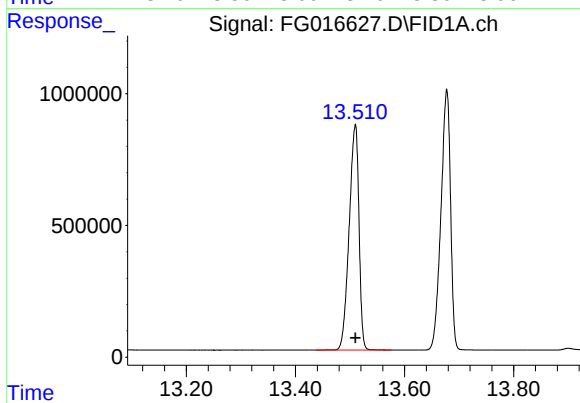
#10 n-Eicosane (C20)

R.T.: 13.060 min
Delta R.T.: 0.000 min
Response: 12125534
Conc: 97.50 ug/ml



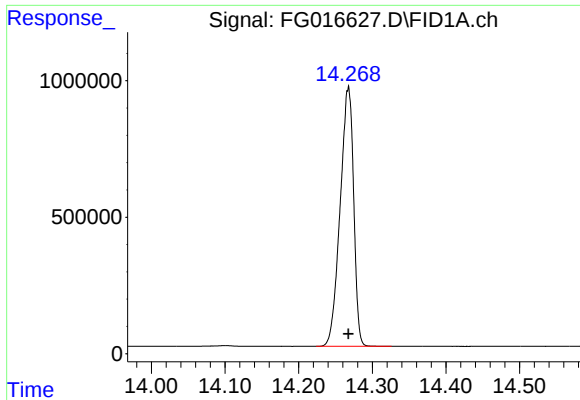
#11 n-Heneicosane (C21)

R.T.: 13.678 min
Delta R.T.: 0.000 min
Response: 12050420
Conc: 97.54 ug/ml



#12 1-chlorooctadecane (SURR)

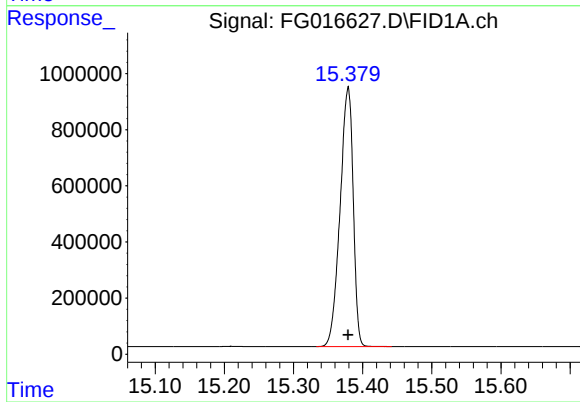
R.T.: 13.510 min
Delta R.T.: 0.000 min
Response: 10679746
Conc: 97.91 ug/ml



#13 n-Docosane (C22)

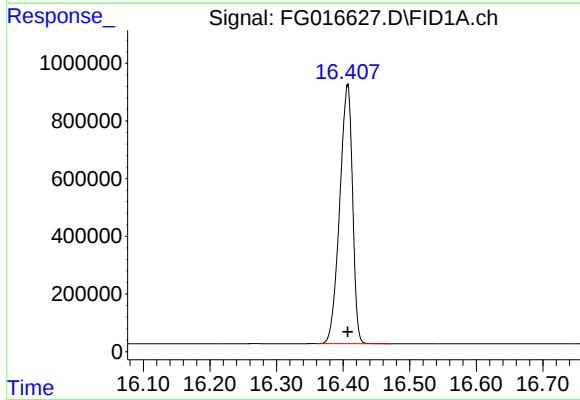
R.T.: 14.267 min
Delta R.T.: 0.000 min
Response: 12089669
Conc: 97.34 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



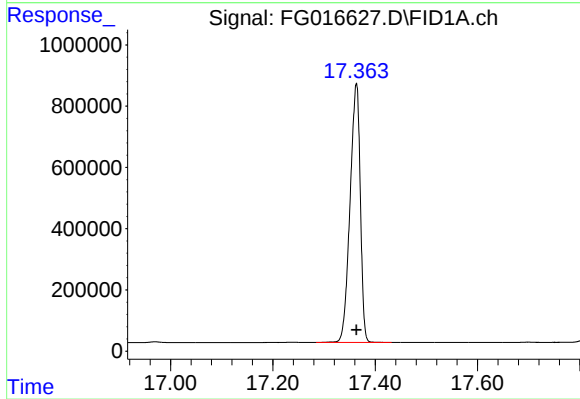
#14 n-Tetracosane (C24)

R.T.: 15.379 min
Delta R.T.: 0.000 min
Response: 12192647
Conc: 96.99 ug/ml



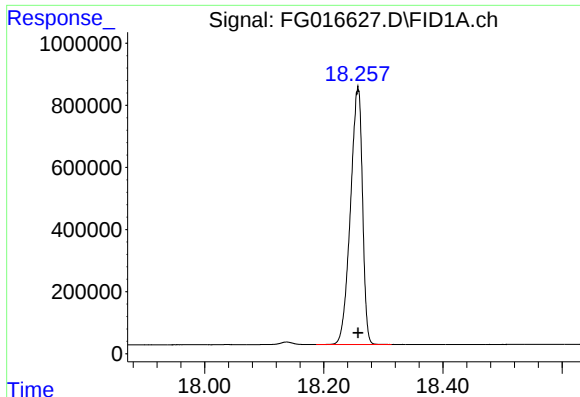
#15 n-Hexacosane (C26)

R.T.: 16.407 min
Delta R.T.: 0.000 min
Response: 12034734
Conc: 96.92 ug/ml



#16 n-Octacosane (C28)

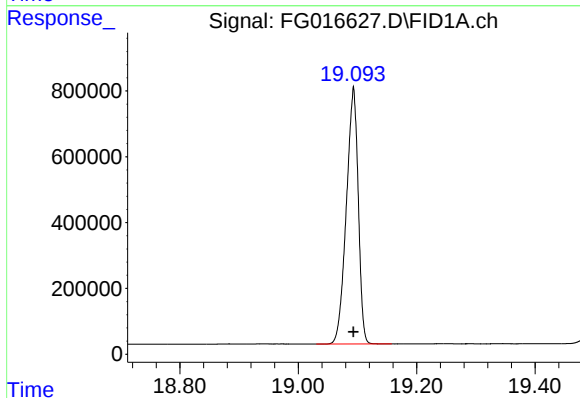
R.T.: 17.363 min
Delta R.T.: 0.000 min
Response: 11733153
Conc: 96.26 ug/ml



#17 n-Tricontane (C30)

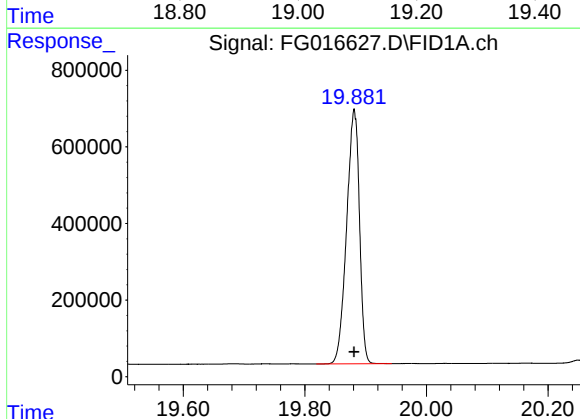
R.T.: 18.257 min
Delta R.T.: 0.000 min
Response: 11608655
Conc: 94.40 ug/ml

Instrument :
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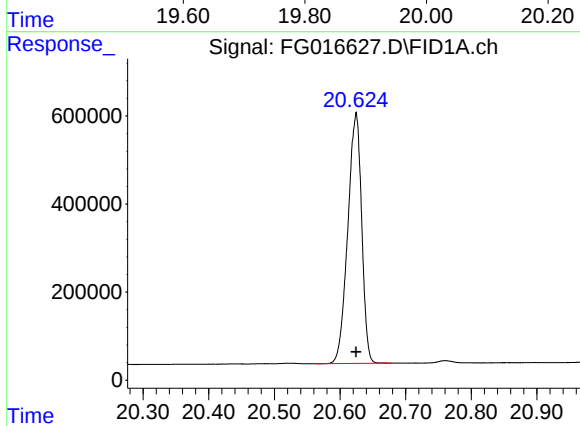
#18 n-Dotriacontane (C32)

R.T.: 19.093 min
Delta R.T.: 0.000 min
Response: 10857998
Conc: 92.72 ug/ml



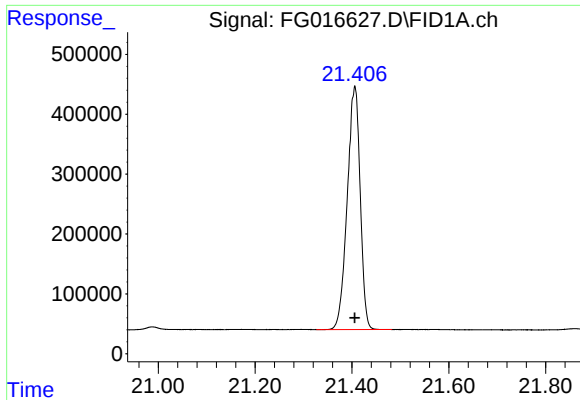
#19 n-Tetratriacontane (C34)

R.T.: 19.881 min
Delta R.T.: 0.000 min
Response: 9726422
Conc: 93.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.625 min
Delta R.T.: 0.000 min
Response: 8339055
Conc: 95.49 ug/ml



#21 n-Octatriacontane (C38)

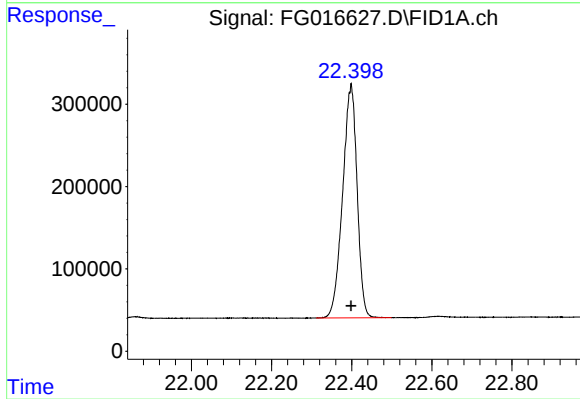
R.T.: 21.406 min
Delta R.T.: 0.000 min
Response: 7536794
Conc: 97.61 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.399 min
Delta R.T.: 0.000 min
Response: 7095087
Conc: 98.40 ug/ml