

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
 Data File : FC068380.D
 Signal(s) : FID1A.ch
 Acq On : 06 Mar 2025 10:13
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Mar 06 11:29:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 06 11:25:24 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)	11.397	7576638	49.411 ug/ml
Spiked Amount 50.000		Recovery =	98.82%
12) S 1-chlorooctadecane (S...	12.838	5553643	49.490 ug/ml
Spiked Amount 50.000		Recovery =	98.98%
Target Compounds			
1) T n-Nonane (C9)	3.201	6940243	49.579 ug/ml
2) T n-Decane (C10)	4.259	7001823	49.509 ug/ml
3) T A~Naphthalene (C11.7)	5.825	7660578	49.714 ug/ml
4) T n-Dodecane (C12)	6.268	6936294	49.380 ug/ml
5) T A~2-methylnaphthalene...	6.878	7236869	49.637 ug/ml
6) T n-Tetradecane (C14)	8.057	6700089	49.324 ug/ml
7) T n-Hexadecane (C16)	9.653	6761067	49.353 ug/ml
8) T n-Octadecane (C18)	11.092	6743951	49.399 ug/ml
10) T n-Eicosane (C20)	12.397	6436740	49.435 ug/ml
11) T n-Heneicosane (C21)	13.008	6310737	49.413 ug/ml
13) T n-Docosane (C22)	13.592	6260913	49.479 ug/ml
14) T n-Tetracosane (C24)	14.693	6297705	49.767 ug/ml
15) T n-Hexacosane (C26)	15.712	6193983	49.793 ug/ml
16) T n-Octacosane (C28)	16.661	6034161	49.495 ug/ml
17) T n-Tricontane (C30)	17.547	6153994	48.892 ug/ml
18) T n-Dotriacontane (C32)	18.379	5932451	48.466 ug/ml
19) T n-Tetratriacontane (C34)	19.161	5583854	48.934 ug/ml
20) T n-Hexatriacontane (C36)	19.900	4936360	49.005 ug/ml
21) T n-Octatriacontane (C38)	20.610	4580320	49.487 ug/ml
22) T n-Tetracontane (C40)	21.463	4345463	50.049 ug/ml

(f)=RT Delta > 1/2 Window

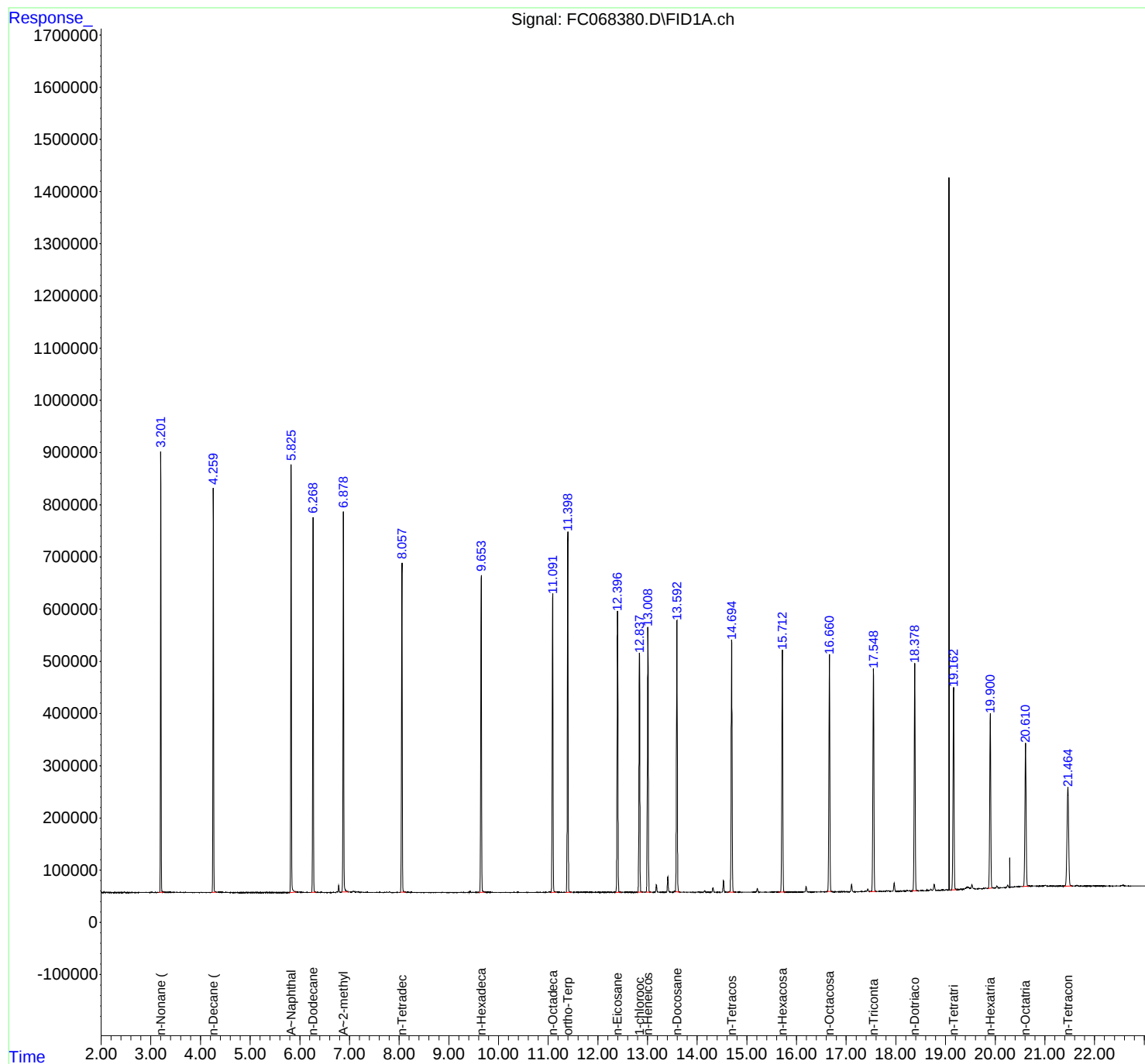
(m)=manual int.

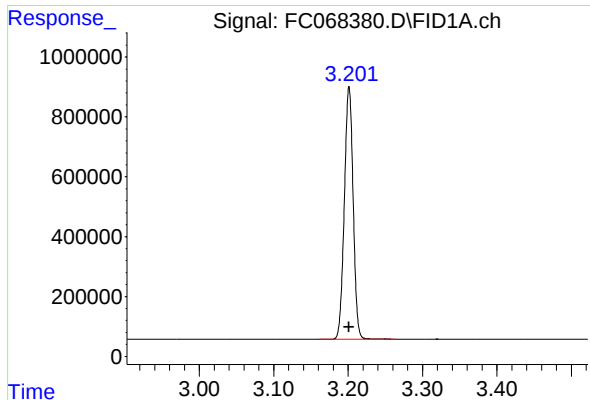
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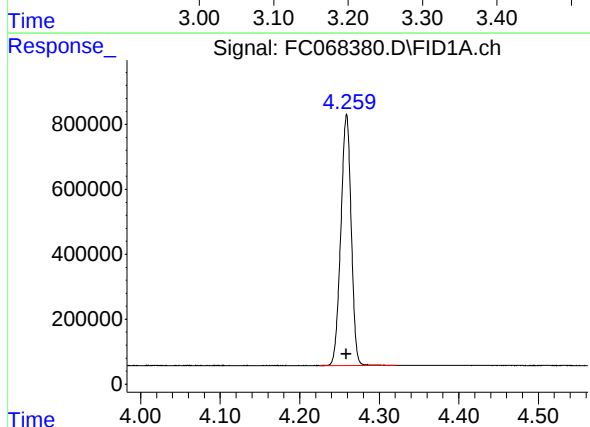




#1 n-Nonane (C9)

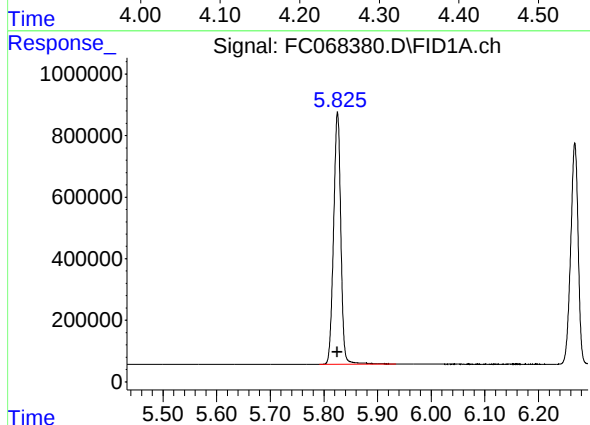
R.T.: 3.201 min
Delta R.T.: 0.000 min
Response: 6940243
Conc: 49.58 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



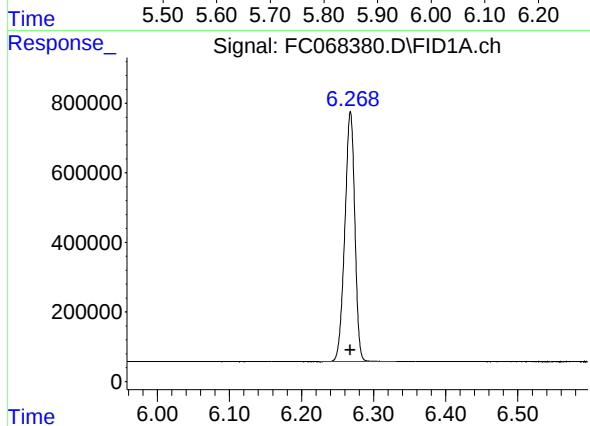
#2 n-Decane (C10)

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 7001823
Conc: 49.51 ug/ml



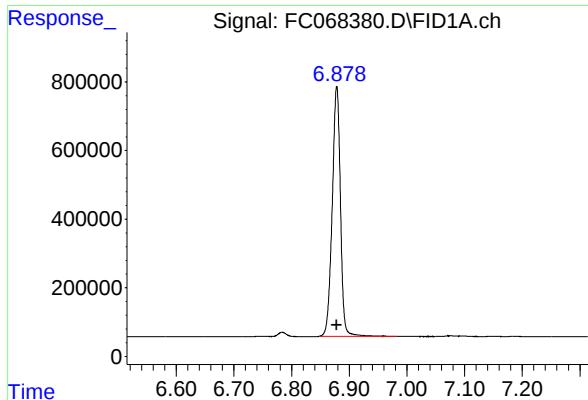
#3 A~Naphthalene (C11.7)

R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 7660578
Conc: 49.71 ug/ml



#4 n-Dodecane (C12)

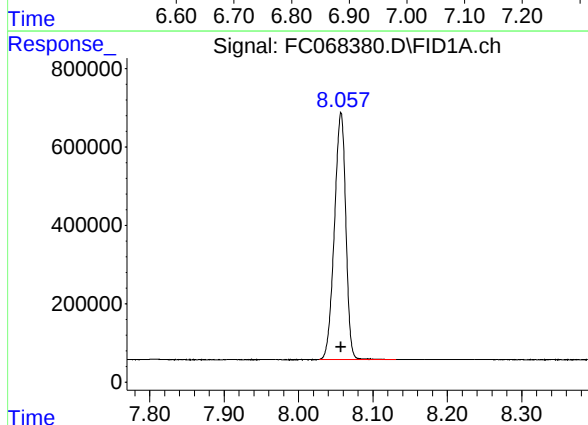
R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 6936294
Conc: 49.38 ug/ml



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

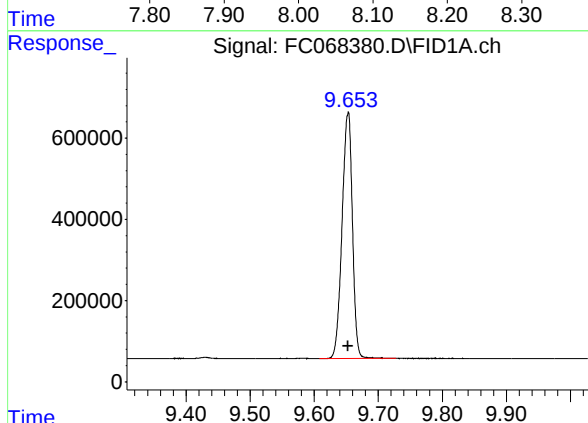
R.T.: 6.878 min
Delta R.T.: 0.000 min
Response: 7236869
Conc: 49.64 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



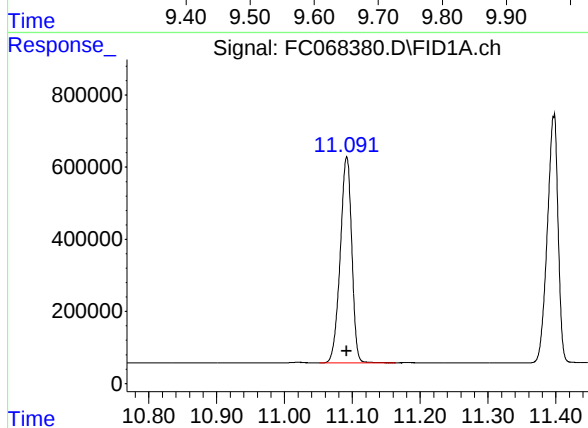
#6 n-Tetradecane (C14)

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 6700089
Conc: 49.32 ug/ml



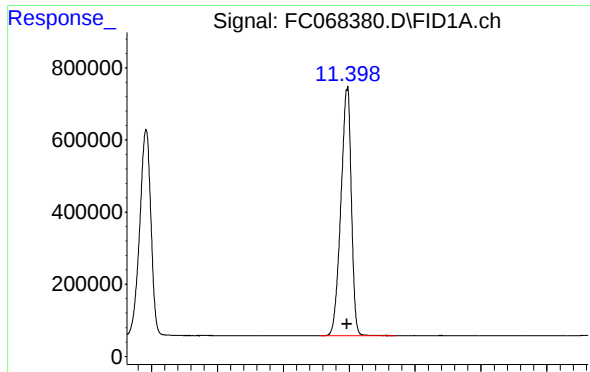
#7 n-Hexadecane (C16)

R.T.: 9.653 min
Delta R.T.: 0.000 min
Response: 6761067
Conc: 49.35 ug/ml



#8 n-Octadecane (C18)

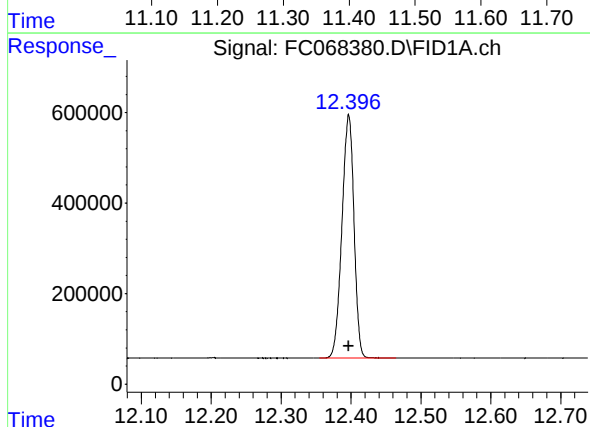
R.T.: 11.092 min
Delta R.T.: 0.000 min
Response: 6743951
Conc: 49.40 ug/ml



#9 ortho-Terphenyl (SURR)

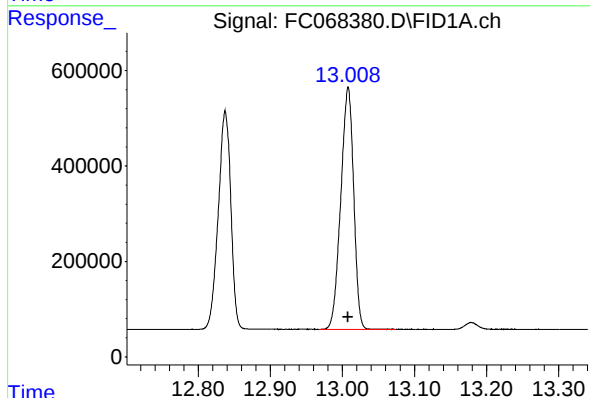
R.T.: 11.397 min
Delta R.T.: 0.000 min
Response: 7576638
Conc: 49.41 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



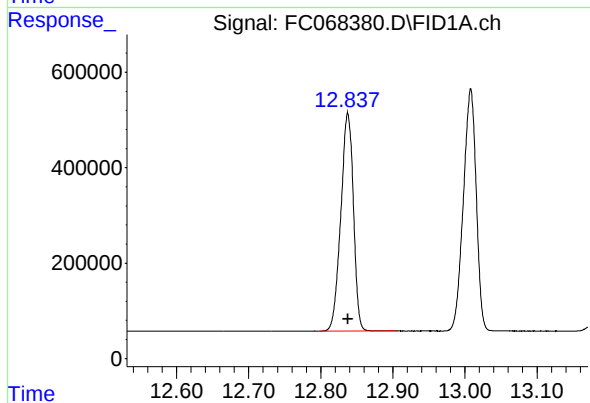
#10 n-Eicosane (C20)

R.T.: 12.397 min
Delta R.T.: 0.000 min
Response: 6436740
Conc: 49.44 ug/ml



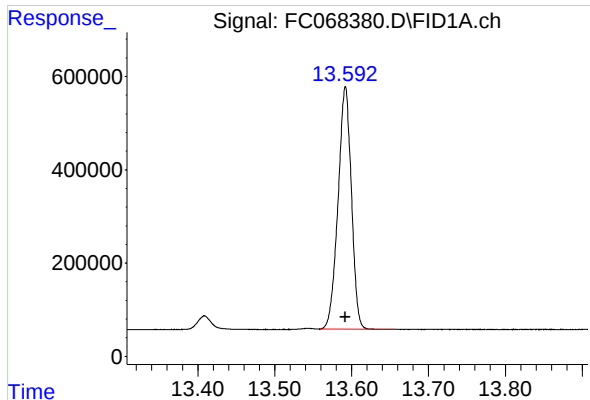
#11 n-Heneicosane (C21)

R.T.: 13.008 min
Delta R.T.: 0.000 min
Response: 6310737
Conc: 49.41 ug/ml



#12 1-chlorooctadecane (SURR)

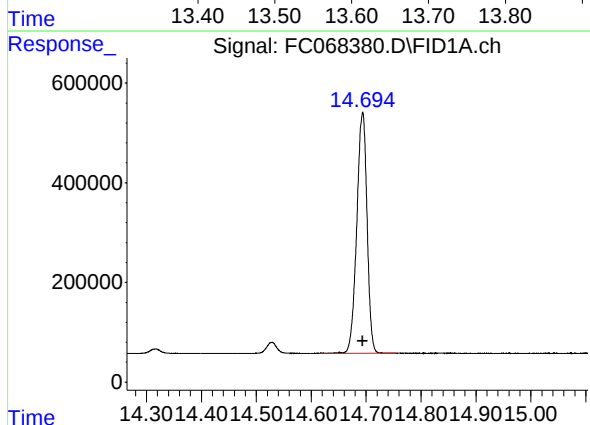
R.T.: 12.838 min
Delta R.T.: 0.000 min
Response: 5553643
Conc: 49.49 ug/ml



#13 n-Docosane (C22)

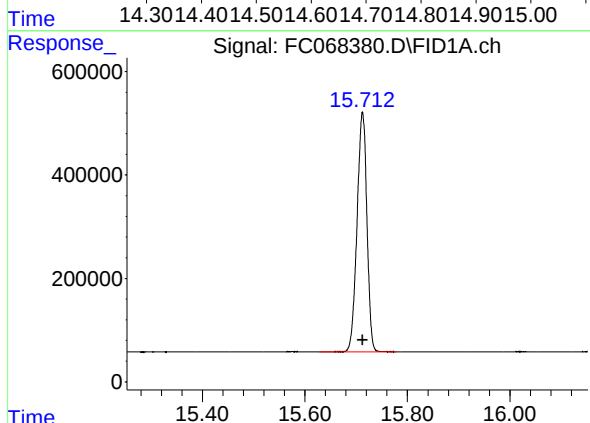
R.T.: 13.592 min
Delta R.T.: 0.000 min
Response: 6260913
Conc: 49.48 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



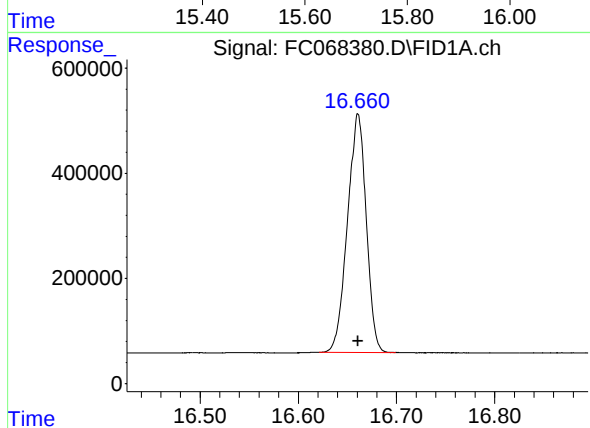
#14 n-Tetracosane (C24)

R.T.: 14.693 min
Delta R.T.: 0.000 min
Response: 6297705
Conc: 49.77 ug/ml



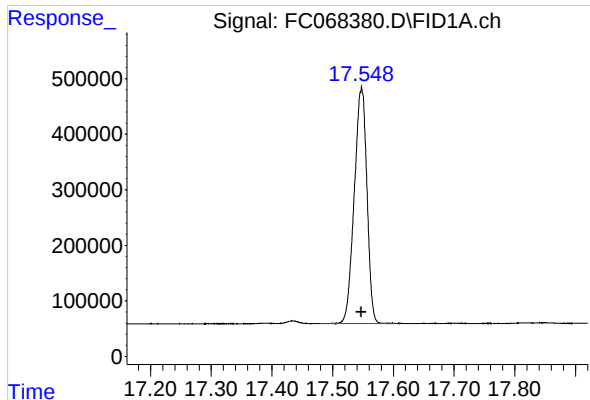
#15 n-Hexacosane (C26)

R.T.: 15.712 min
Delta R.T.: 0.000 min
Response: 6193983
Conc: 49.79 ug/ml



#16 n-Octacosane (C28)

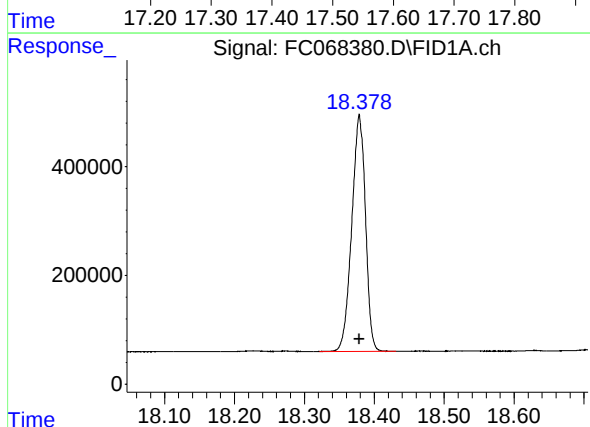
R.T.: 16.661 min
Delta R.T.: 0.000 min
Response: 6034161
Conc: 49.50 ug/ml



#17 n-Tricontane (C30)

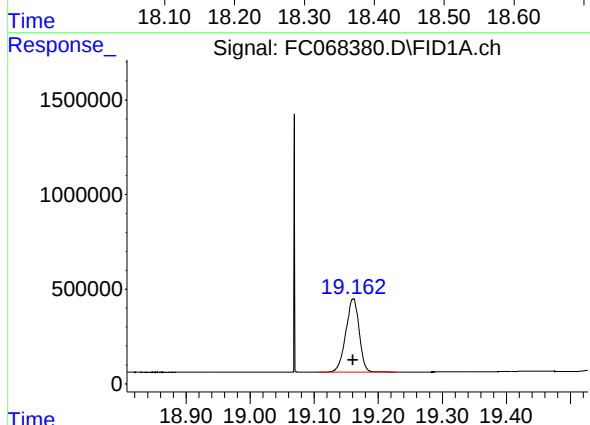
R.T.: 17.547 min
Delta R.T.: 0.000 min
Response: 6153994
Conc: 48.89 ug/ml

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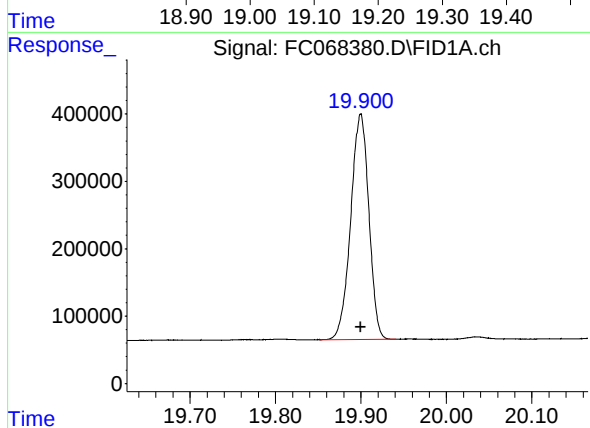
#18 n-Dotriacontane (C32)

R.T.: 18.379 min
Delta R.T.: 0.000 min
Response: 5932451
Conc: 48.47 ug/ml



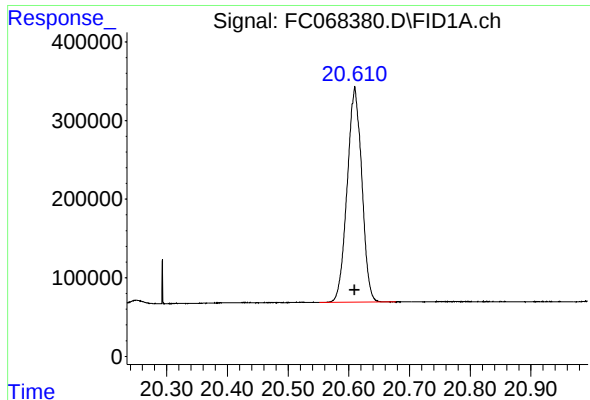
#19 n-Tetatriacontane (C34)

R.T.: 19.161 min
Delta R.T.: 0.000 min
Response: 5583854
Conc: 48.93 ug/ml



#20 n-Hexatriacontane (C36)

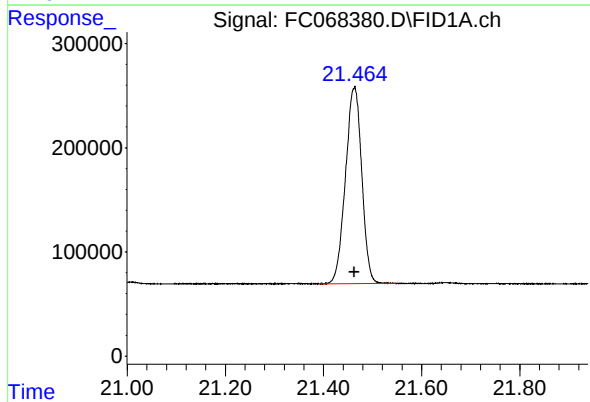
R.T.: 19.900 min
Delta R.T.: 0.000 min
Response: 4936360
Conc: 49.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.610 min
Delta R.T.: 0.000 min
Response: 4580320
Conc: 49.49 ug/ml

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FID_C
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50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.463 min
Delta R.T.: 0.000 min
Response: 4345463
Conc: 50.05 ug/ml