

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080425AL\
 Data File : FC069577.D
 Signal(s) : FID1A.ch
 Acq On : 04 Aug 2025 12:58
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 05 01:21:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:14:17 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)	11.671	2573626	17.251 ug/ml
Spiked Amount 50.000		Recovery =	34.50%
12) S 1-chlorooctadecane (S...	13.107	1937737	17.774 ug/ml
Spiked Amount 50.000		Recovery =	35.55%
Target Compounds			
1) T n-Nonane (C9)	3.402	2420899	16.992 ug/ml
2) T n-Decane (C10)	4.474	2474038	17.018 ug/ml
3) T A~Naphthalene (C11.7)	6.071	2672003	17.221 ug/ml
4) T n-Dodecane (C12)	6.500	2499330	17.097 ug/ml
5) T A~2-methylnaphthalene...	7.131	2554789	17.347 ug/ml
6) T n-Tetradecane (C14)	8.299	2452098	17.182 ug/ml
7) T n-Hexadecane (C16)	9.904	2493140	17.294 ug/ml
8) T n-Octadecane (C18)	11.349	2454299	17.356 ug/ml
10) T n-Eicosane (C20)	12.661	2290852	17.391 ug/ml
11) T n-Heneicosane (C21)	13.273	2217665	17.388 ug/ml
13) T n-Docosane (C22)	13.861	2171485	17.383 ug/ml
14) T n-Tetracosane (C24)	14.966	2092090	17.337 ug/ml
15) T n-Hexacosane (C26)	15.988	1994400	17.260 ug/ml
16) T n-Octacosane (C28)	16.939	1894008	16.897 ug/ml
17) T n-Tricontane (C30)	17.829	1863604	16.277 ug/ml
18) T n-Dotriacontane (C32)	18.663	1775109	15.980 ug/ml
19) T n-Tetratriacontane (C34)	19.448	1648602	16.191 ug/ml
20) T n-Hexatriacontane (C36)	20.189	1468168	16.466 ug/ml
21) T n-Octatriacontane (C38)	20.953	1395466	17.347 ug/ml
22) T n-Tetracontane (C40)	21.921	1298502	17.341 ug/ml

(f)=RT Delta > 1/2 Window

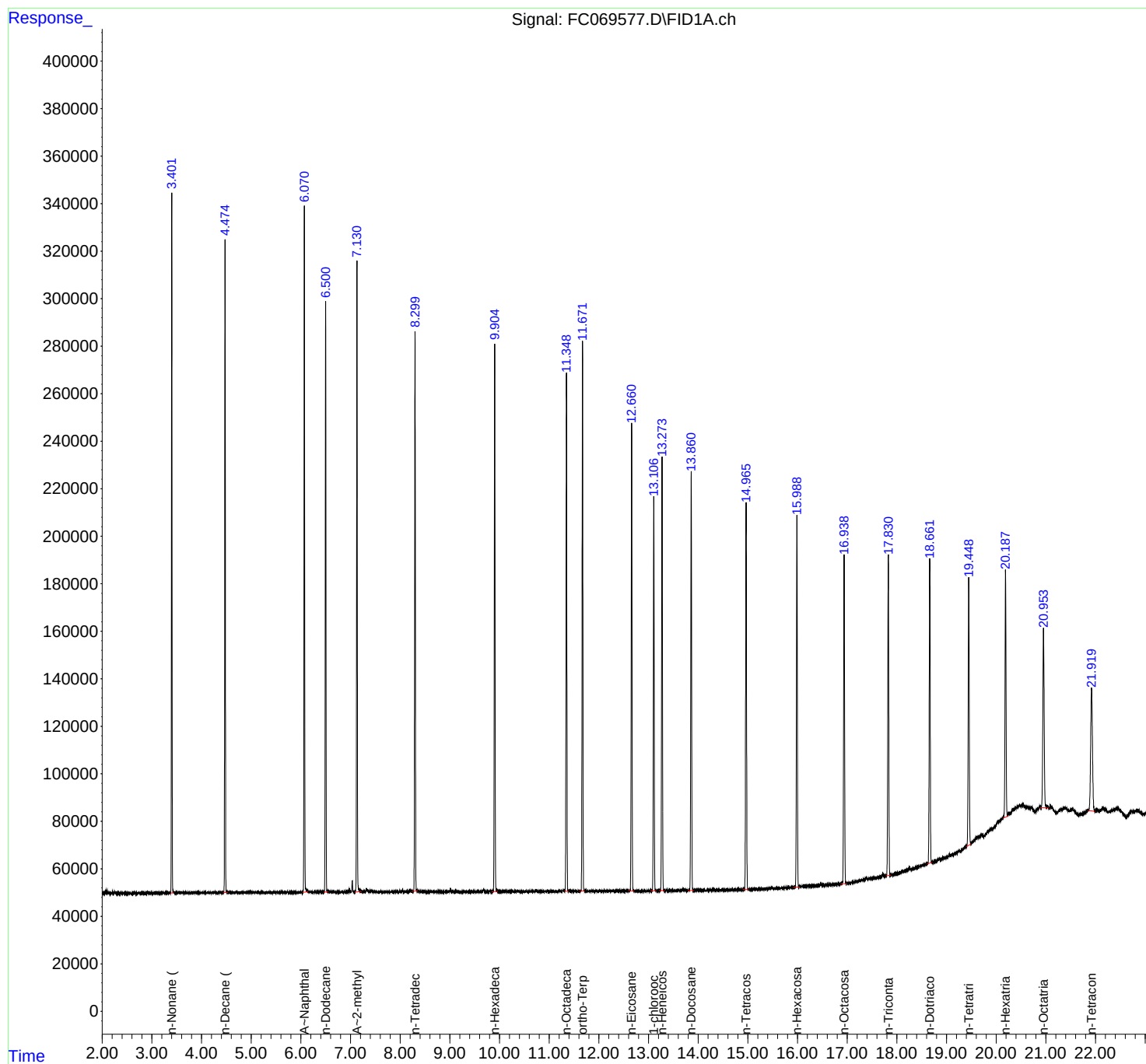
(m)=manual int.

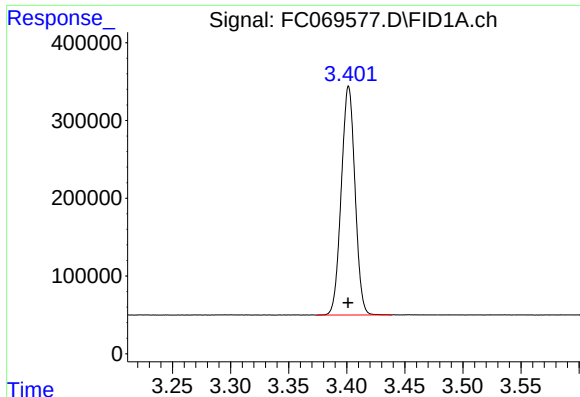
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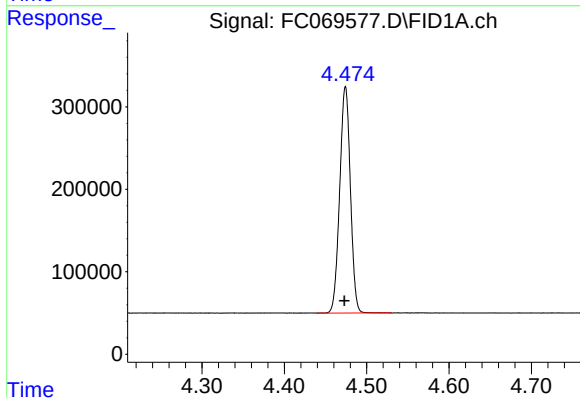




#1 n-Nonane (C9)

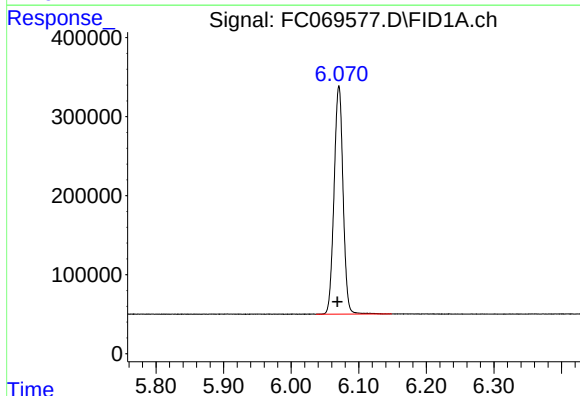
R.T.: 3.402 min
Delta R.T.: 0.000 min
Response: 2420899
Conc: 16.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



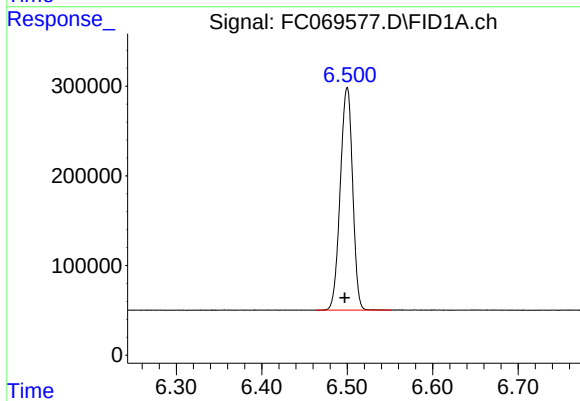
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: 0.001 min
Response: 2474038
Conc: 17.02 ug/ml



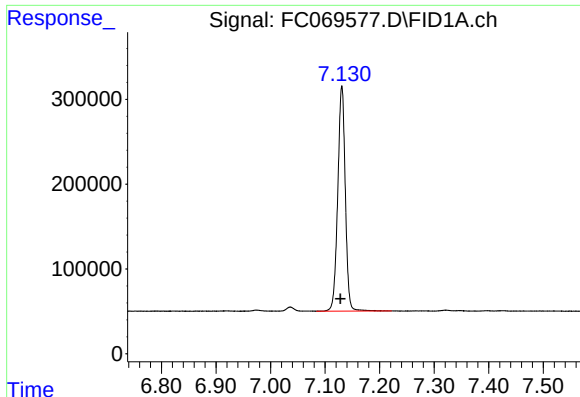
#3 A~Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: 0.002 min
Response: 2672003
Conc: 17.22 ug/ml



#4 n-Dodecane (C12)

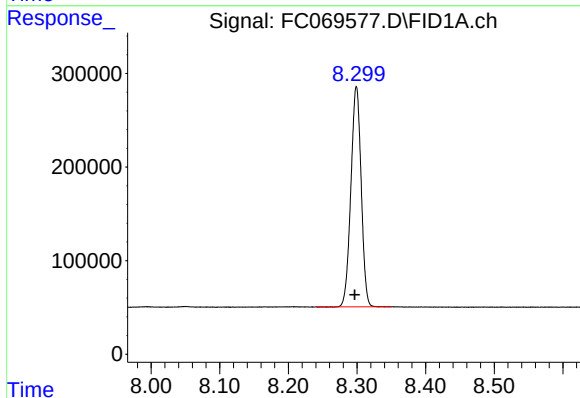
R.T.: 6.500 min
Delta R.T.: 0.003 min
Response: 2499330
Conc: 17.10 ug/ml



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

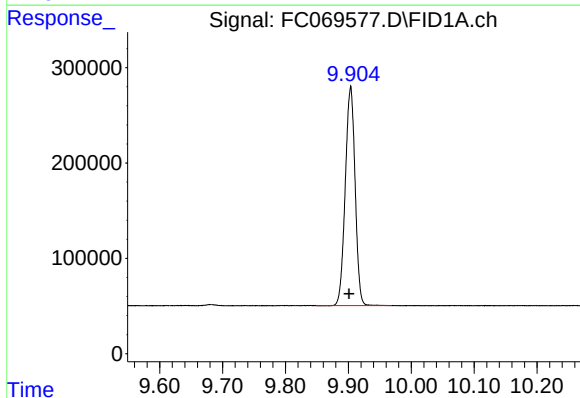
R.T.: 7.131 min
Delta R.T.: 0.003 min
Response: 2554789
Conc: 17.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



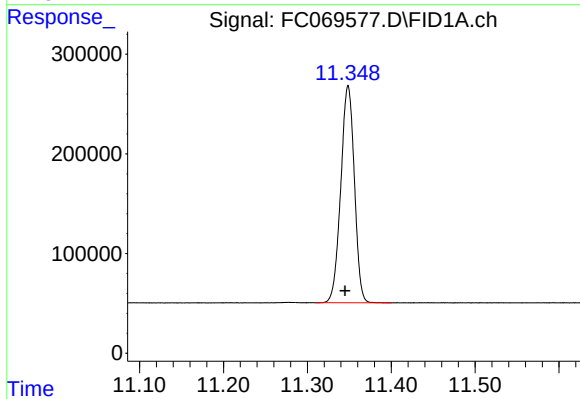
#6 n-Tetradecane (C14)

R.T.: 8.299 min
Delta R.T.: 0.003 min
Response: 2452098
Conc: 17.18 ug/ml



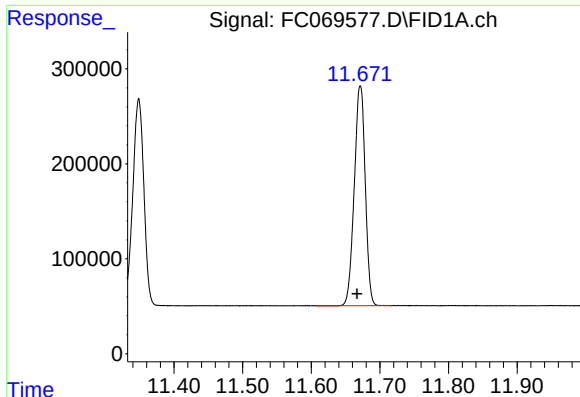
#7 n-Hexadecane (C16)

R.T.: 9.904 min
Delta R.T.: 0.003 min
Response: 2493140
Conc: 17.29 ug/ml



#8 n-Octadecane (C18)

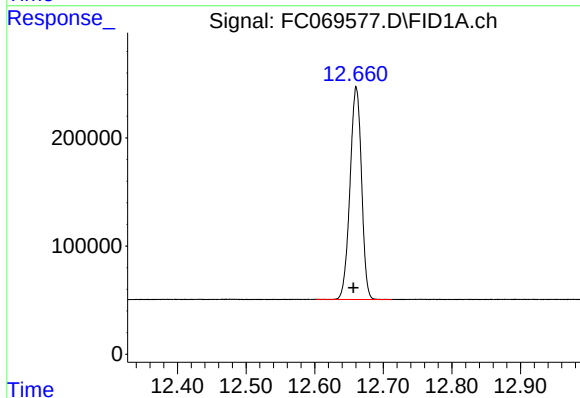
R.T.: 11.349 min
Delta R.T.: 0.004 min
Response: 2454299
Conc: 17.36 ug/ml



#9 ortho-Terphenyl (SURR)

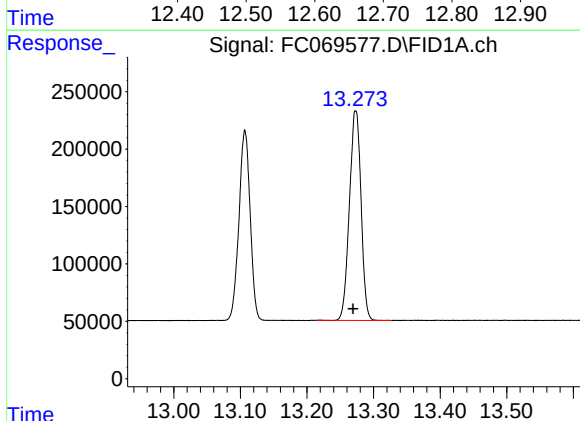
R.T.: 11.671 min
Delta R.T.: 0.004 min
Response: 2573626
Conc: 17.25 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



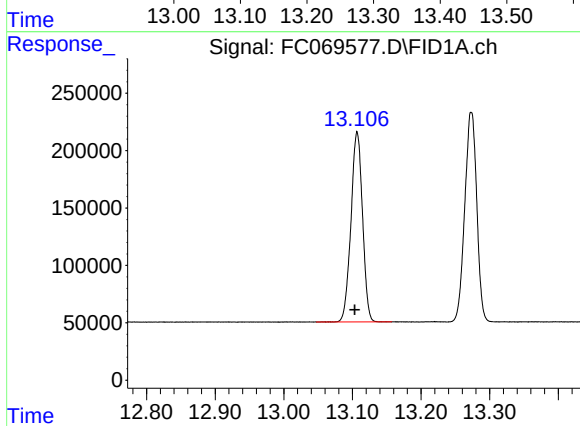
#10 n-Eicosane (C20)

R.T.: 12.661 min
Delta R.T.: 0.004 min
Response: 2290852
Conc: 17.39 ug/ml



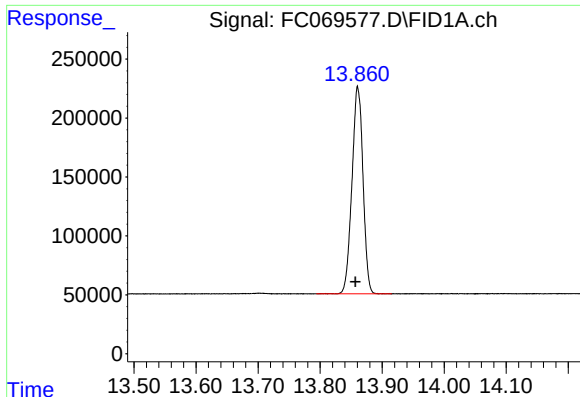
#11 n-Heneicosane (C21)

R.T.: 13.273 min
Delta R.T.: 0.004 min
Response: 2217665
Conc: 17.39 ug/ml



#12 1-chlorooctadecane (SURR)

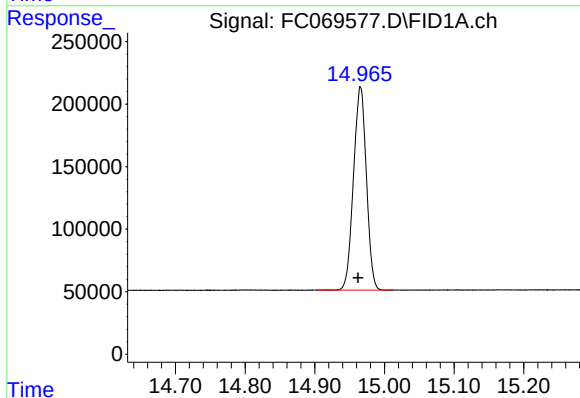
R.T.: 13.107 min
Delta R.T.: 0.003 min
Response: 1937737
Conc: 17.77 ug/ml



#13 n-Docosane (C22)

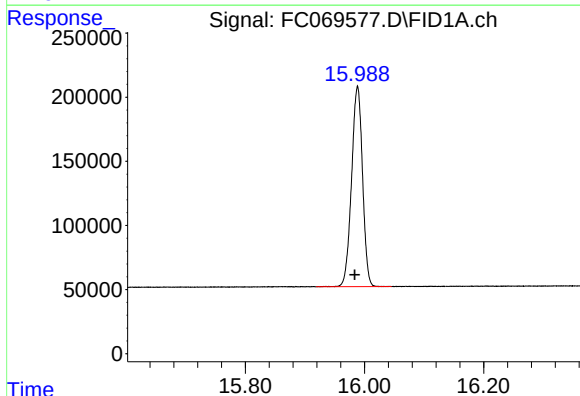
R.T.: 13.861 min
Delta R.T.: 0.004 min
Response: 2171485
Conc: 17.38 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



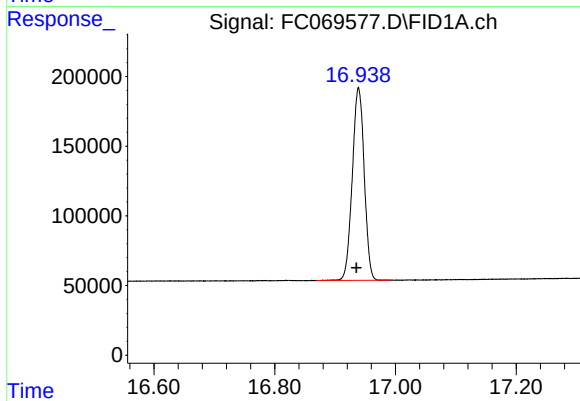
#14 n-Tetracosane (C24)

R.T.: 14.966 min
Delta R.T.: 0.003 min
Response: 2092090
Conc: 17.34 ug/ml



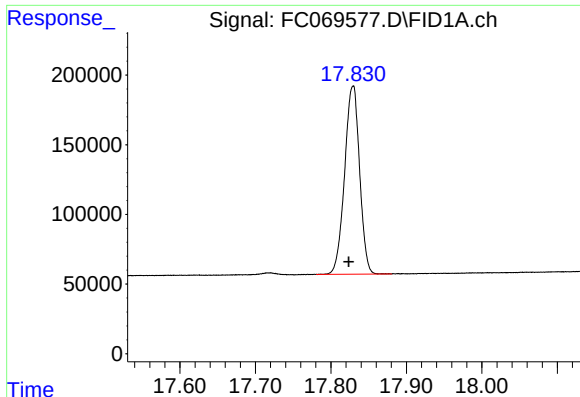
#15 n-Hexacosane (C26)

R.T.: 15.988 min
Delta R.T.: 0.005 min
Response: 1994400
Conc: 17.26 ug/ml



#16 n-Octacosane (C28)

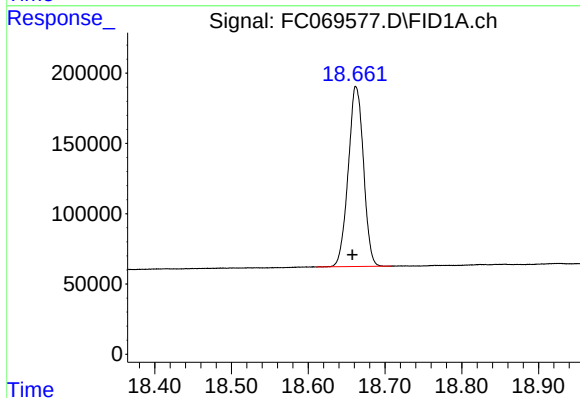
R.T.: 16.939 min
Delta R.T.: 0.004 min
Response: 1894008
Conc: 16.90 ug/ml



#17 n-Tricontane (C30)

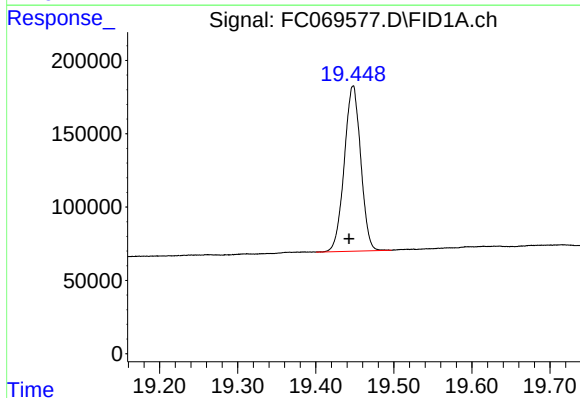
R.T.: 17.829 min
Delta R.T.: 0.005 min
Response: 1863604
Conc: 16.28 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



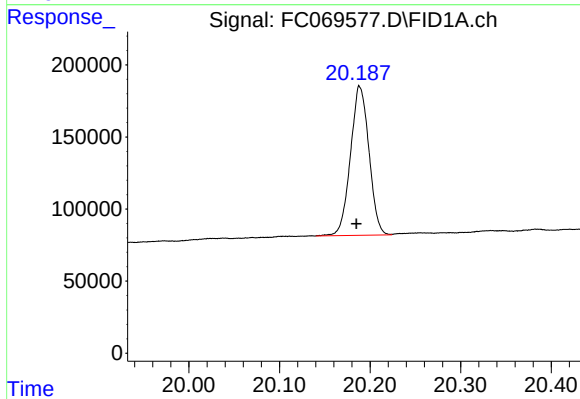
#18 n-Dotriacontane (C32)

R.T.: 18.663 min
Delta R.T.: 0.005 min
Response: 1775109
Conc: 15.98 ug/ml



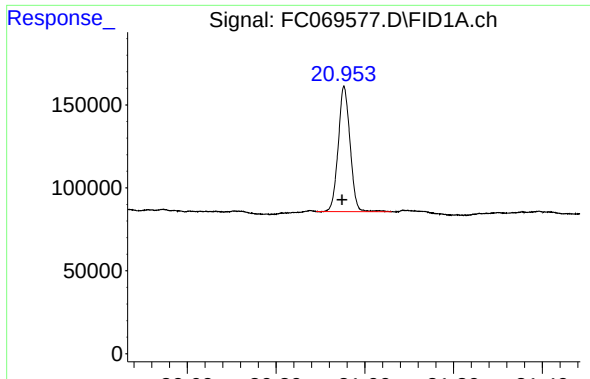
#19 n-Tetratriacontane (C34)

R.T.: 19.448 min
Delta R.T.: 0.005 min
Response: 1648602
Conc: 16.19 ug/ml



#20 n-Hexatriacontane (C36)

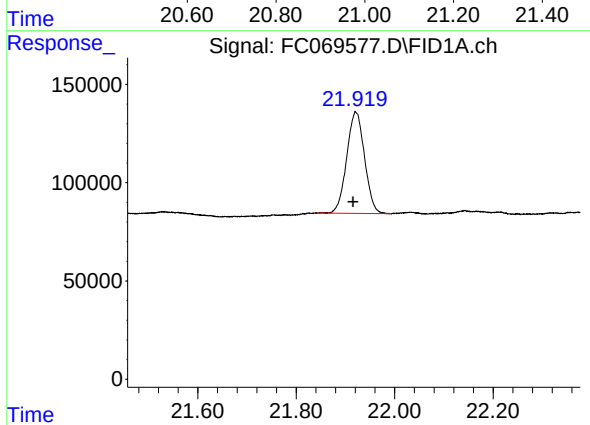
R.T.: 20.189 min
Delta R.T.: 0.004 min
Response: 1468168
Conc: 16.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.953 min
Delta R.T.: 0.004 min
Response: 1395466
Conc: 17.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.921 min
Delta R.T.: 0.006 min
Response: 1298502
Conc: 17.34 ug/ml