

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041725AL\
 Data File : FC068627.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 19:40
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 18 02:54:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.718	2318046	18.204 ug/ml
Spiked Amount 50.000		Recovery =	36.41%
12) S 1-chlorooctadecane (S...	13.151	1718379	18.498 ug/ml
Spiked Amount 50.000		Recovery =	37.00%
Target Compounds			
1) T n-Nonane (C9)	3.445	2050073	19.465 ug/ml
2) T n-Decane (C10)	4.522	2095549	19.889 ug/ml
3) T A~Naphthalene (C11.7)	6.121	2310956	19.843 ug/ml
4) T n-Dodecane (C12)	6.548	2081049	19.789 ug/ml
5) T A~2-methylnaphthalene...	7.179	2218904	19.212 ug/ml
6) T n-Tetradecane (C14)	8.346	2029306	19.740 ug/ml
7) T n-Hexadecane (C16)	9.949	2060834	20.236 ug/ml
8) T n-Octadecane (C18)	11.394	2054315	20.414 ug/ml
10) T n-Eicosane (C20)	12.704	1964806	19.976 ug/ml
11) T n-Heneicosane (C21)	13.318	1930031	19.804 ug/ml
13) T n-Docosane (C22)	13.904	1917958	19.856 ug/ml
14) T n-Tetracosane (C24)	15.009	1917535	20.145 ug/ml
15) T n-Hexacosane (C26)	16.032	1897242	20.312 ug/ml
16) T n-Octacosane (C28)	16.982	1897955	20.730 ug/ml
17) T n-Tricontane (C30)	17.872	1982025	21.560 ug/ml
18) T n-Dotriacontane (C32)	18.706	1954892	21.312 ug/ml
19) T n-Tetratriacontane (C34)	19.491	1812344	20.286 ug/ml
20) T n-Hexatriacontane (C36)	20.233	1606933	17.939 ug/ml
21) T n-Octatriacontane (C38)	21.011	1487414	16.824 ug/ml
22) T n-Tetracontane (C40)	21.990	1459535	16.528 ug/ml

(f)=RT Delta > 1/2 Window

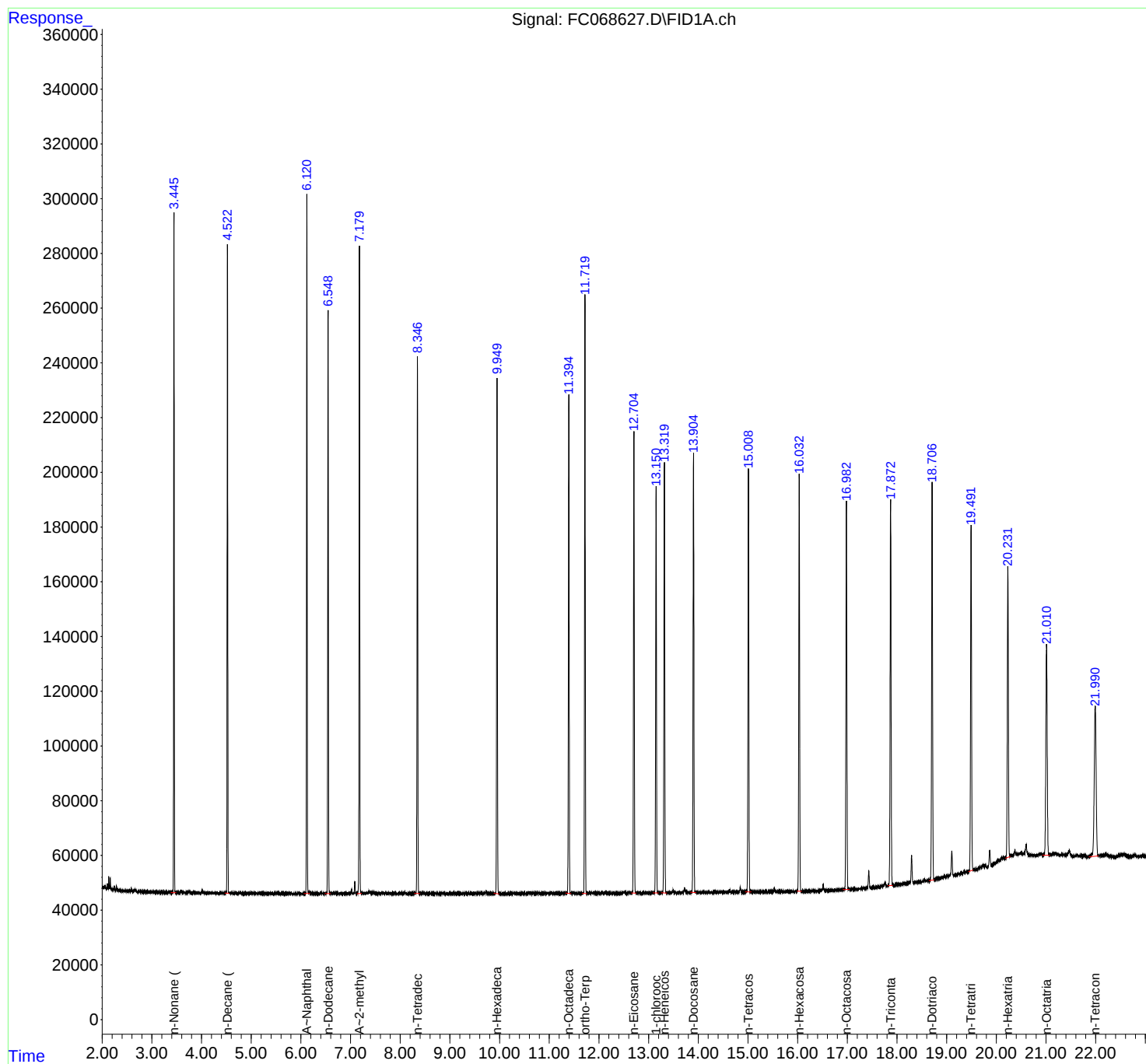
(m)=manual int.

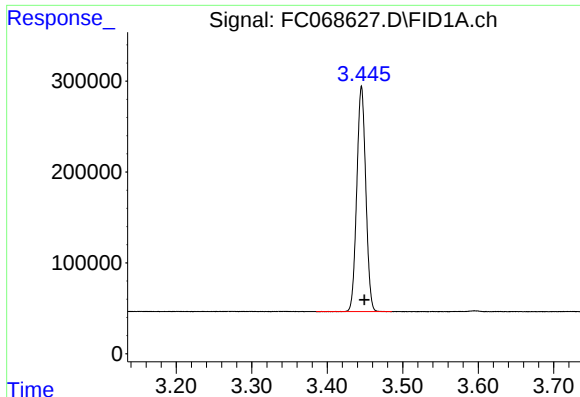
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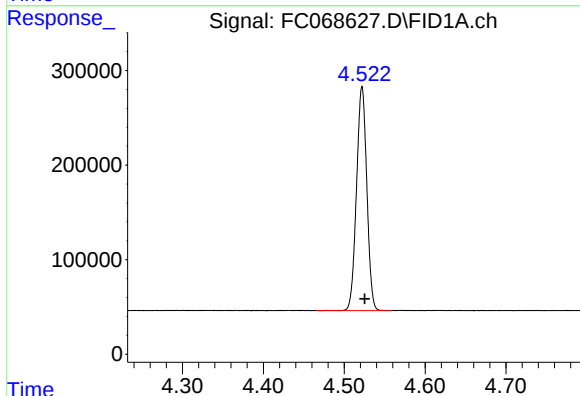




#1 n-Nonane (C9)

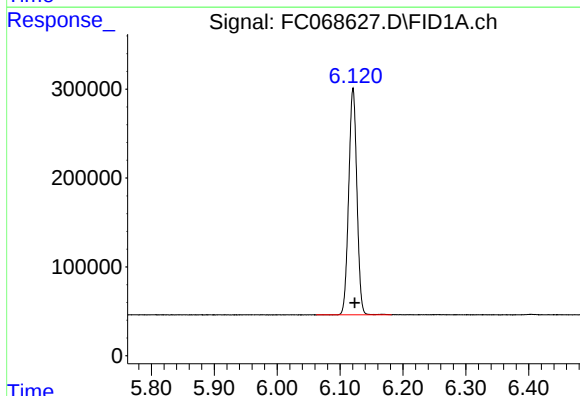
R.T.: 3.445 min
Delta R.T.: -0.004 min
Response: 2050073
Conc: 19.46 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



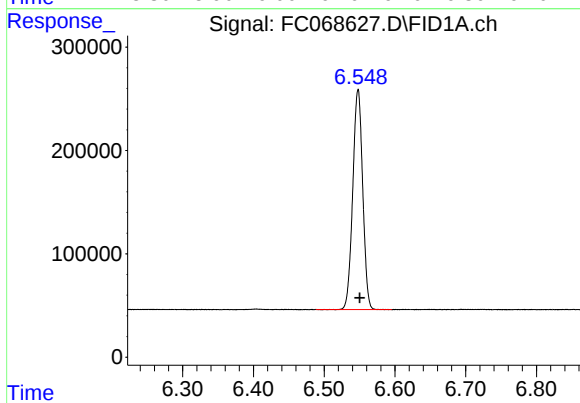
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 2095549
Conc: 19.89 ug/ml



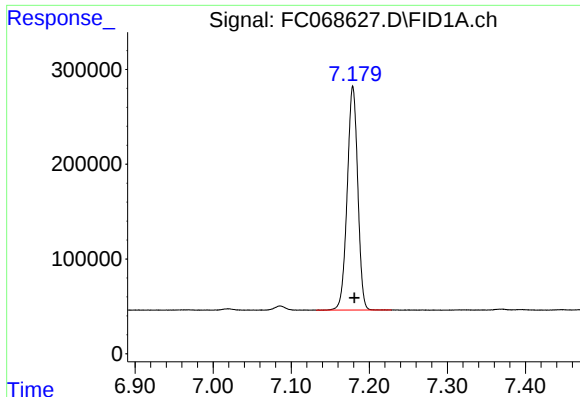
#3 A~Naphthalene (C11.7)

R.T.: 6.121 min
Delta R.T.: -0.003 min
Response: 2310956
Conc: 19.84 ug/ml



#4 n-Dodecane (C12)

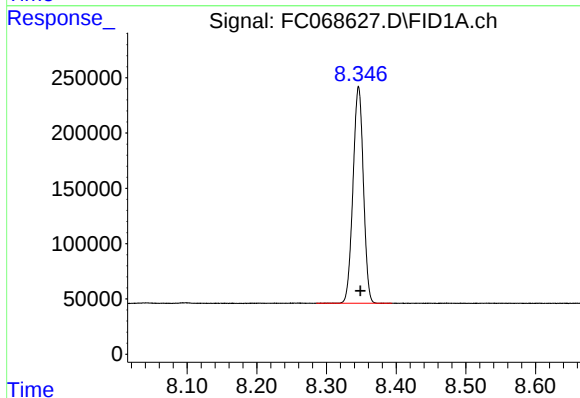
R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 2081049
Conc: 19.79 ug/ml



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

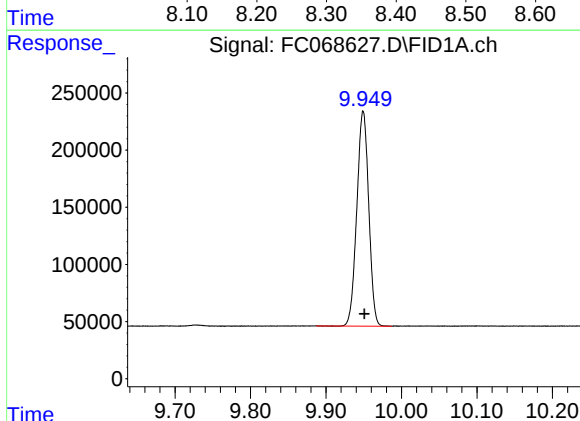
R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 2218904
Conc: 19.21 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



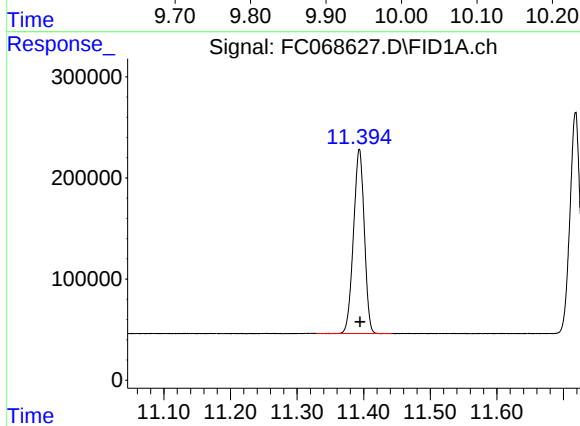
#6 n-Tetradecane (C14)

R.T.: 8.346 min
Delta R.T.: -0.002 min
Response: 2029306
Conc: 19.74 ug/ml



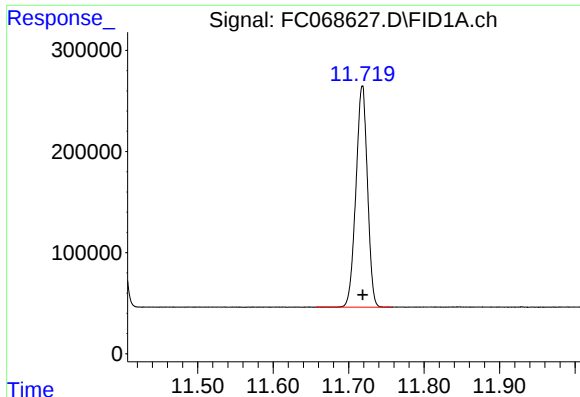
#7 n-Hexadecane (C16)

R.T.: 9.949 min
Delta R.T.: -0.002 min
Response: 2060834
Conc: 20.24 ug/ml



#8 n-Octadecane (C18)

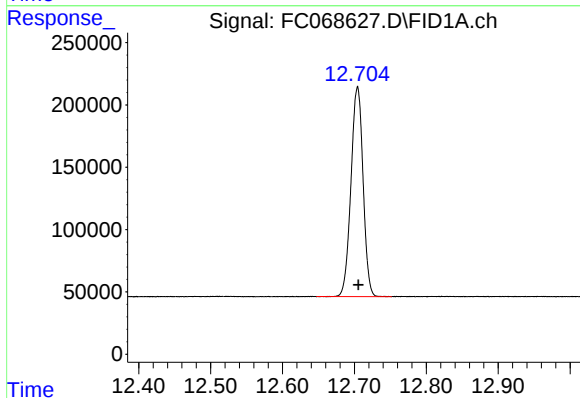
R.T.: 11.394 min
Delta R.T.: -0.001 min
Response: 2054315
Conc: 20.41 ug/ml



#9 ortho-Terphenyl (SURR)

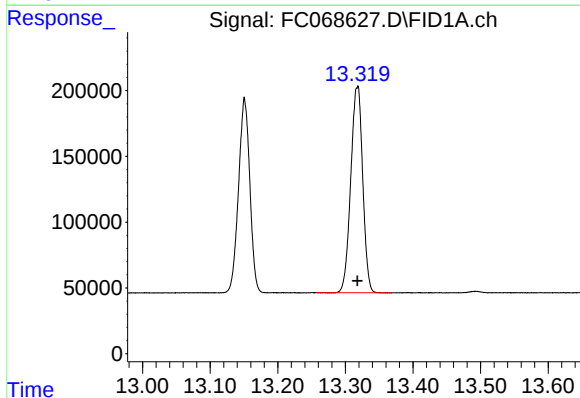
R.T.: 11.718 min
Delta R.T.: 0.000 min
Response: 2318046
Conc: 18.20 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



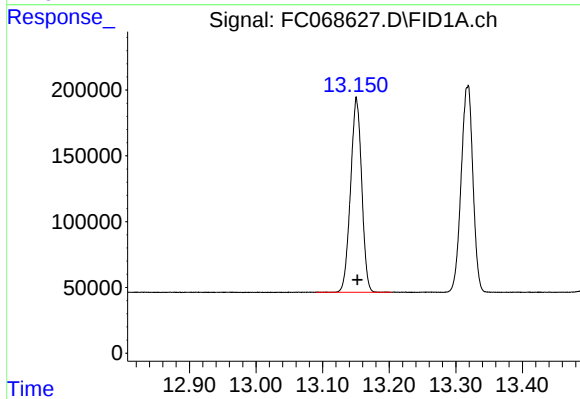
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: -0.001 min
Response: 1964806
Conc: 19.98 ug/ml



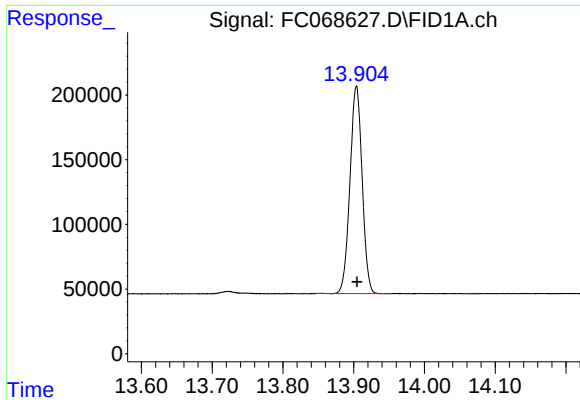
#11 n-Heneicosane (C21)

R.T.: 13.318 min
Delta R.T.: 0.000 min
Response: 1930031
Conc: 19.80 ug/ml



#12 1-chlorooctadecane (SURR)

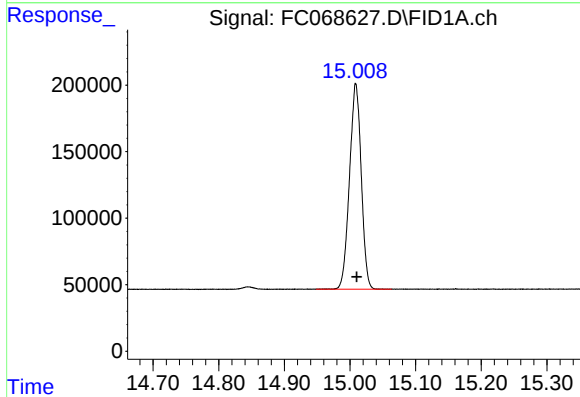
R.T.: 13.151 min
Delta R.T.: -0.001 min
Response: 1718379
Conc: 18.50 ug/ml



#13 n-Docosane (C22)

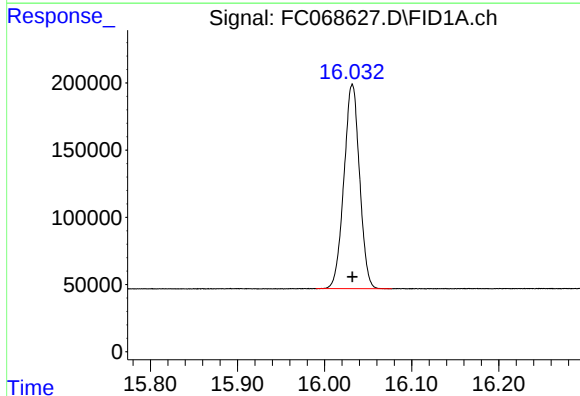
R.T.: 13.904 min
Delta R.T.: -0.001 min
Response: 1917958
Conc: 19.86 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



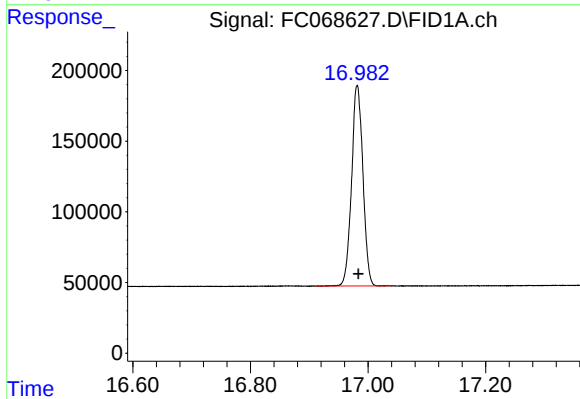
#14 n-Tetracosane (C24)

R.T.: 15.009 min
Delta R.T.: -0.001 min
Response: 1917535
Conc: 20.15 ug/ml



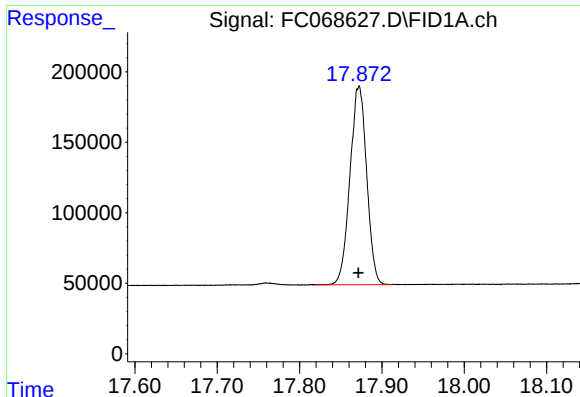
#15 n-Hexacosane (C26)

R.T.: 16.032 min
Delta R.T.: 0.000 min
Response: 1897242
Conc: 20.31 ug/ml



#16 n-Octacosane (C28)

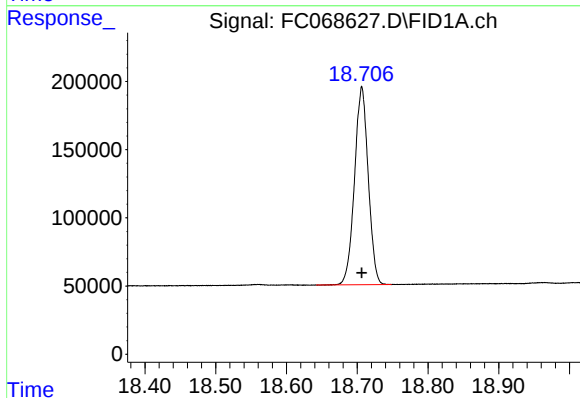
R.T.: 16.982 min
Delta R.T.: -0.002 min
Response: 1897955
Conc: 20.73 ug/ml



#17 n-Tricontane (C30)

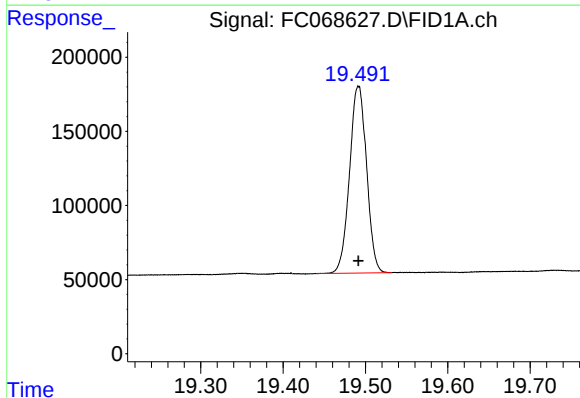
R.T.: 17.872 min
Delta R.T.: 0.000 min
Response: 1982025
Conc: 21.56 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



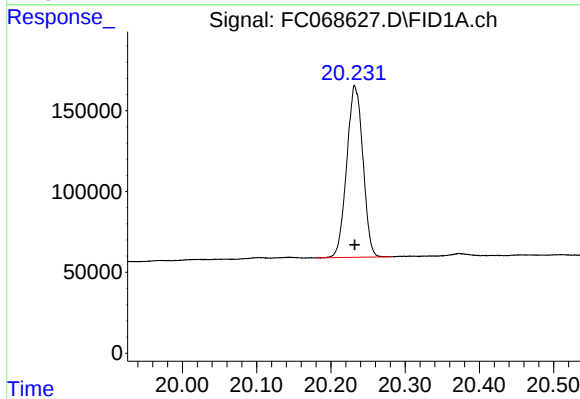
#18 n-Dotriacontane (C32)

R.T.: 18.706 min
Delta R.T.: 0.000 min
Response: 1954892
Conc: 21.31 ug/ml



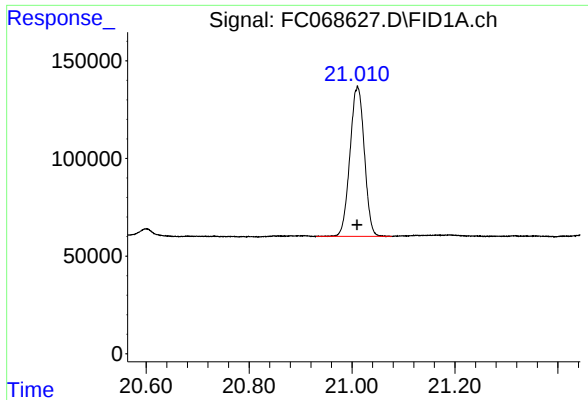
#19 n-Tetratriacontane (C34)

R.T.: 19.491 min
Delta R.T.: 0.000 min
Response: 1812344
Conc: 20.29 ug/ml



#20 n-Hexatriacontane (C36)

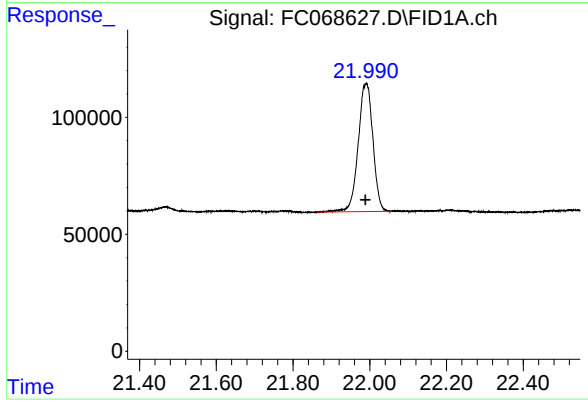
R.T.: 20.233 min
Delta R.T.: 0.000 min
Response: 1606933
Conc: 17.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.011 min
Delta R.T.: 0.001 min
Response: 1487414
Conc: 16.82 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.990 min
Delta R.T.: 0.002 min
Response: 1459535
Conc: 16.53 ug/ml