

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042825AL\
 Data File : FC068712.D
 Signal(s) : FID1A.ch
 Acq On : 28 Apr 2025 22:02
 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 29 03:09:34 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)	11.717	2360088	18.534 ug/ml
Spiked Amount 50.000		Recovery =	37.07%
12) S 1-chlorooctadecane (S...	13.150	1683571	18.124 ug/ml
Spiked Amount 50.000		Recovery =	36.25%
Target Compounds			
1) T n-Nonane (C9)	3.446	2031737	19.291 ug/ml
2) T n-Decane (C10)	4.522	2025379	19.223 ug/ml
3) T A~Naphthalene (C11.7)	6.120	2240447	19.238 ug/ml
4) T n-Dodecane (C12)	6.548	1989541	18.919 ug/ml
5) T A~2-methylnaphthalene...	7.179	2201587	19.062 ug/ml
6) T n-Tetradecane (C14)	8.346	1907529	18.555 ug/ml
7) T n-Hexadecane (C16)	9.948	1862646	18.290 ug/ml
8) T n-Octadecane (C18)	11.393	1830756	18.192 ug/ml
10) T n-Eicosane (C20)	12.704	1778227	18.079 ug/ml
11) T n-Heneicosane (C21)	13.317	1763533	18.096 ug/ml
13) T n-Docosane (C22)	13.904	1750369	18.121 ug/ml
14) T n-Tetracosane (C24)	15.008	1745317	18.336 ug/ml
15) T n-Hexacosane (C26)	16.030	1741854	18.648 ug/ml
16) T n-Octacosane (C28)	16.982	1757356	19.194 ug/ml
17) T n-Tricontane (C30)	17.871	1837580	19.988 ug/ml
18) T n-Dotriacontane (C32)	18.706	1881025	20.506 ug/ml
19) T n-Tetratriacontane (C34)	19.489	1859398	20.813 ug/ml
20) T n-Hexatriacontane (C36)	20.232	1898024	21.188 ug/ml
21) T n-Octatriacontane (C38)	21.008	1895295	21.437 ug/ml
22) T n-Tetracontane (C40)	21.989	1904400	21.566 ug/ml

(f)=RT Delta > 1/2 Window

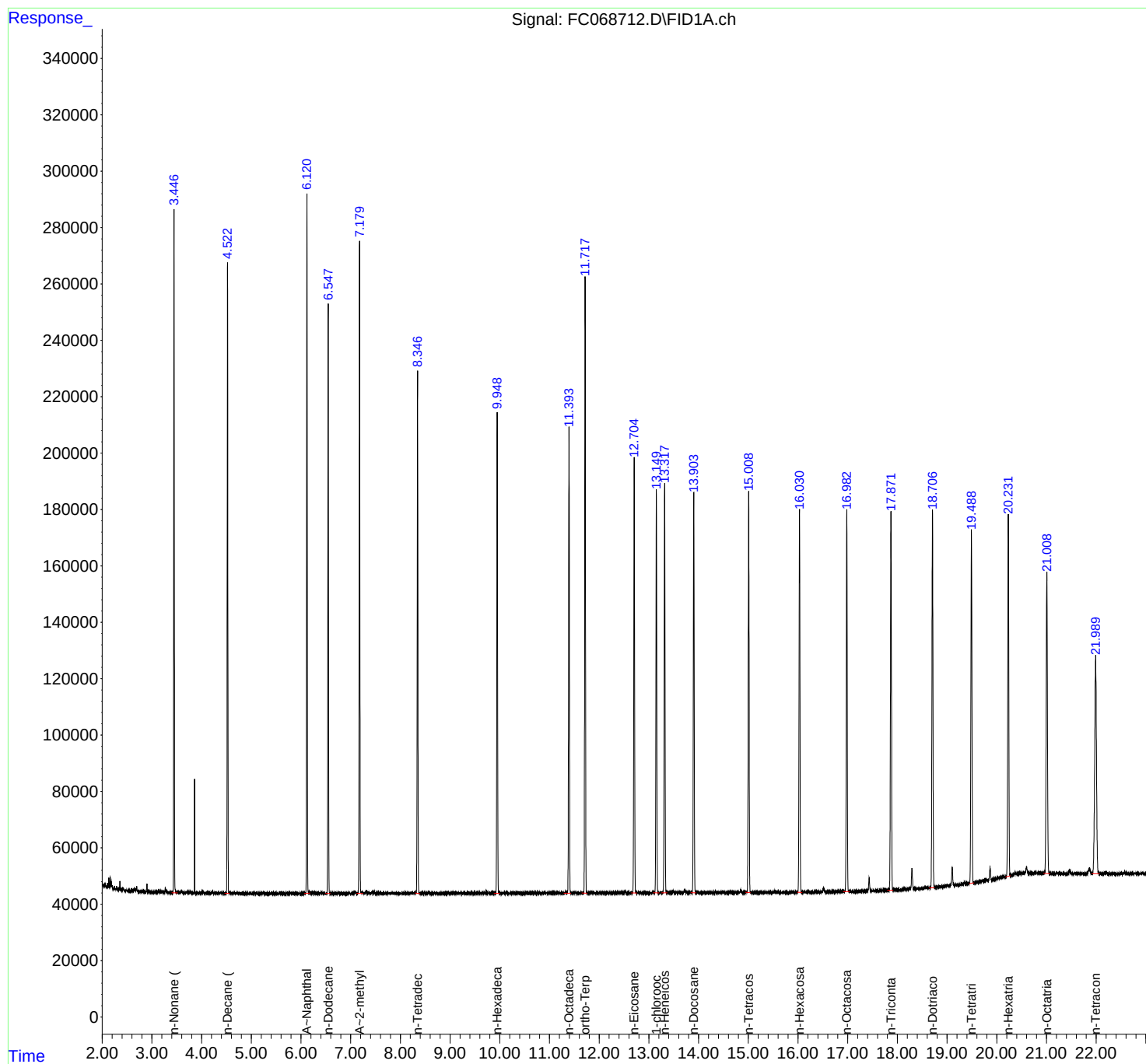
(m)=manual int.

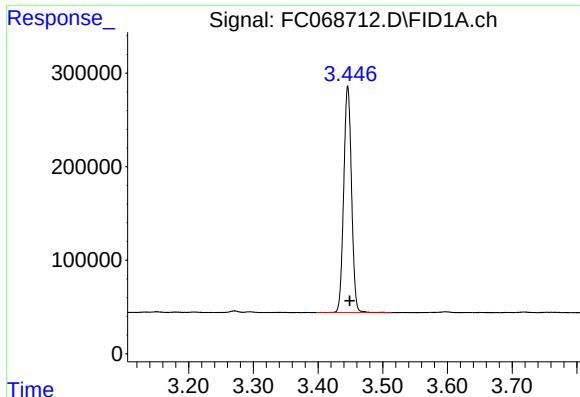
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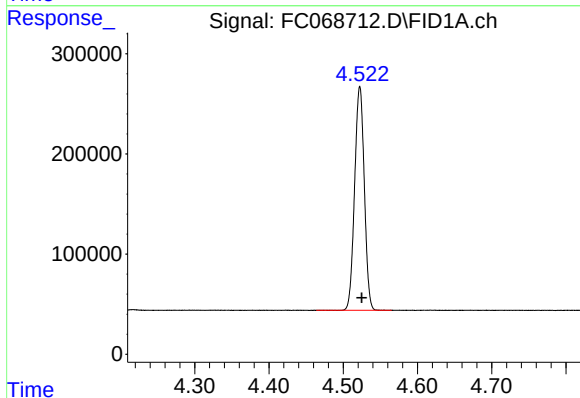




#1 n-Nonane (C9)

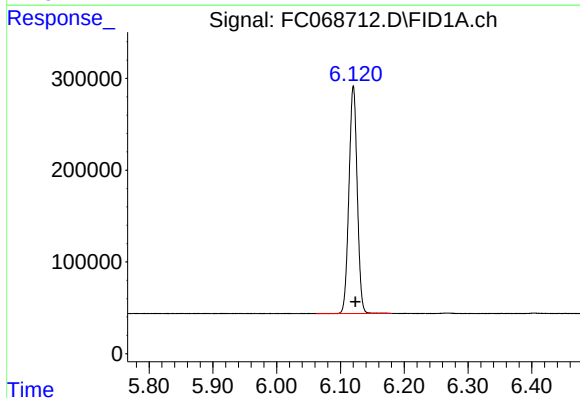
R.T.: 3.446 min
Delta R.T.: -0.003 min
Response: 2031737
Conc: 19.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



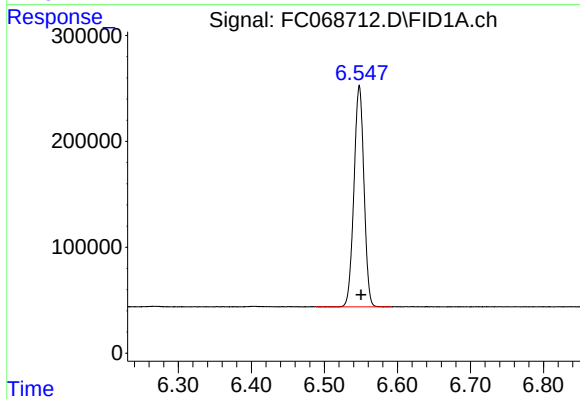
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 2025379
Conc: 19.22 ug/ml



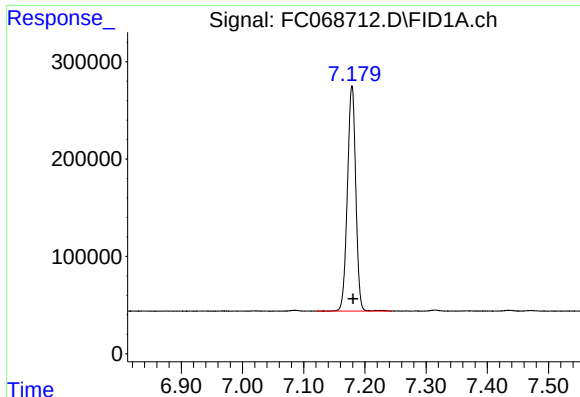
#3 A~Naphthalene (C11.7)

R.T.: 6.120 min
Delta R.T.: -0.003 min
Response: 2240447
Conc: 19.24 ug/ml



#4 n-Dodecane (C12)

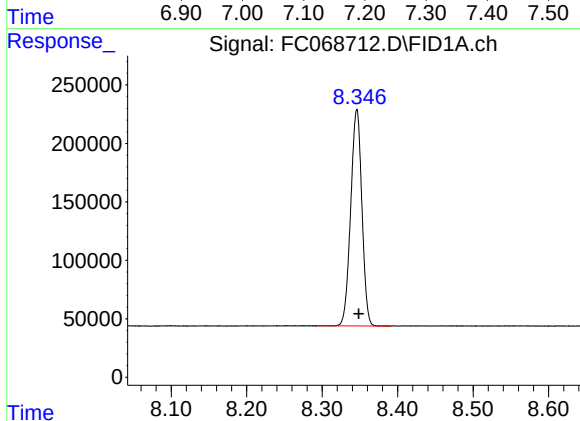
R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 1989541
Conc: 18.92 ug/ml



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

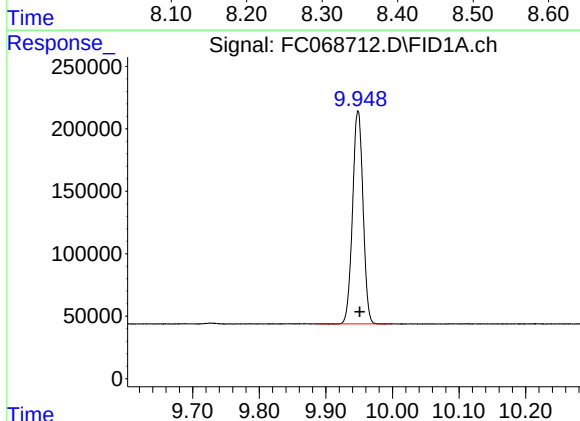
R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 2201587
Conc: 19.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



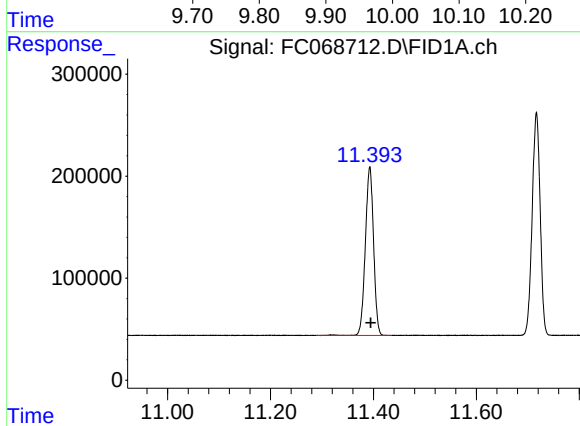
#6 n-Tetradecane (C14)

R.T.: 8.346 min
Delta R.T.: -0.003 min
Response: 1907529
Conc: 18.55 ug/ml



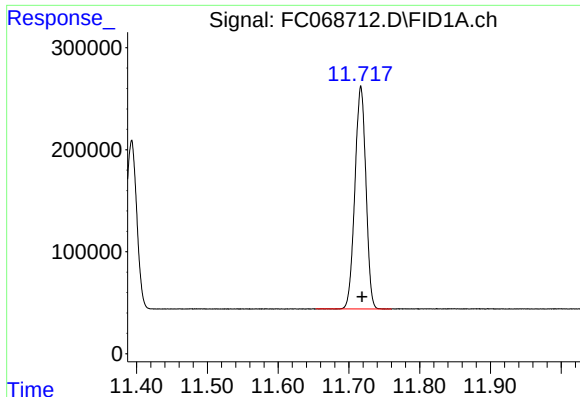
#7 n-Hexadecane (C16)

R.T.: 9.948 min
Delta R.T.: -0.003 min
Response: 1862646
Conc: 18.29 ug/ml



#8 n-Octadecane (C18)

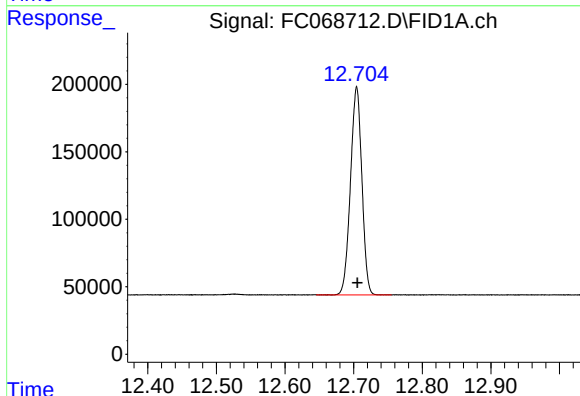
R.T.: 11.393 min
Delta R.T.: -0.002 min
Response: 1830756
Conc: 18.19 ug/ml



#9 ortho-Terphenyl (SURR)

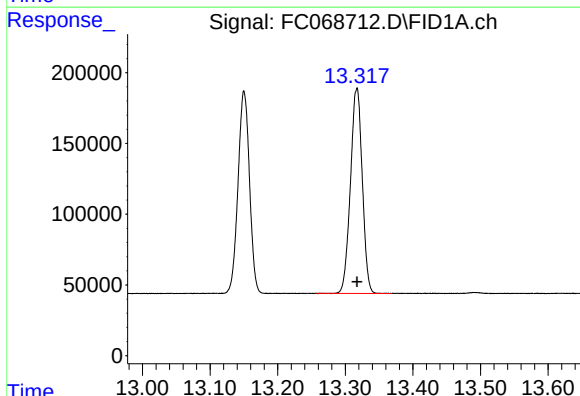
R.T.: 11.717 min
Delta R.T.: -0.002 min
Response: 2360088
Conc: 18.53 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



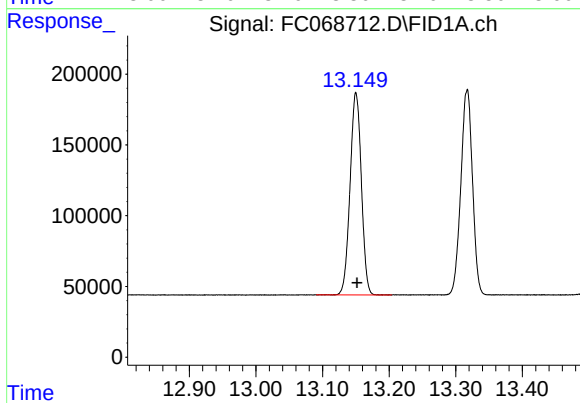
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: -0.001 min
Response: 1778227
Conc: 18.08 ug/ml



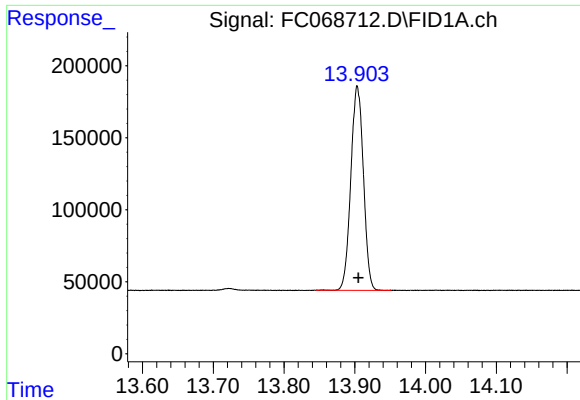
#11 n-Heneicosane (C21)

R.T.: 13.317 min
Delta R.T.: 0.000 min
Response: 1763533
Conc: 18.10 ug/ml



#12 1-chlorooctadecane (SURR)

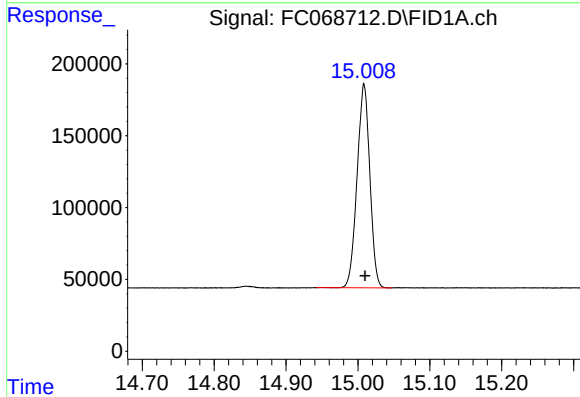
R.T.: 13.150 min
Delta R.T.: -0.002 min
Response: 1683571
Conc: 18.12 ug/ml



#13 n-Docosane (C22)

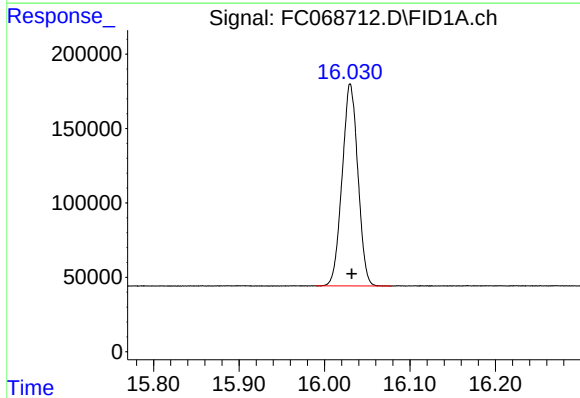
R.T.: 13.904 min
Delta R.T.: -0.001 min
Response: 1750369
Conc: 18.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



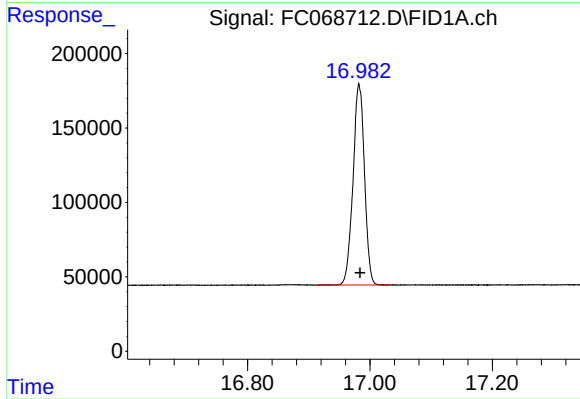
#14 n-Tetracosane (C24)

R.T.: 15.008 min
Delta R.T.: -0.002 min
Response: 1745317
Conc: 18.34 ug/ml



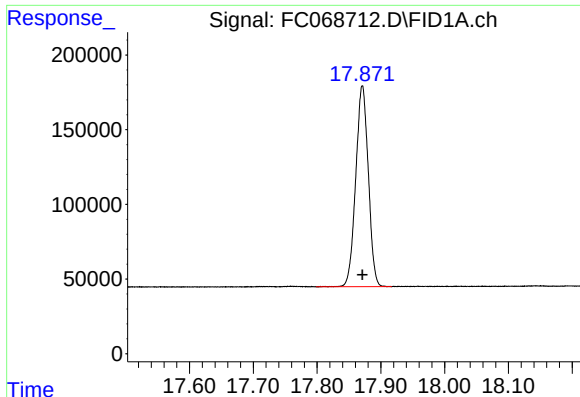
#15 n-Hexacosane (C26)

R.T.: 16.030 min
Delta R.T.: -0.002 min
Response: 1741854
Conc: 18.65 ug/ml



#16 n-Octacosane (C28)

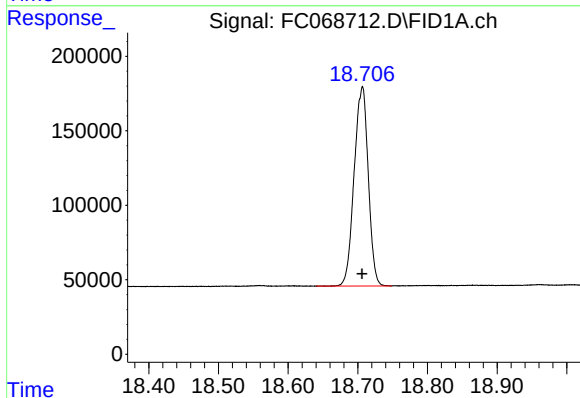
R.T.: 16.982 min
Delta R.T.: -0.001 min
Response: 1757356
Conc: 19.19 ug/ml



#17 n-Tricontane (C30)

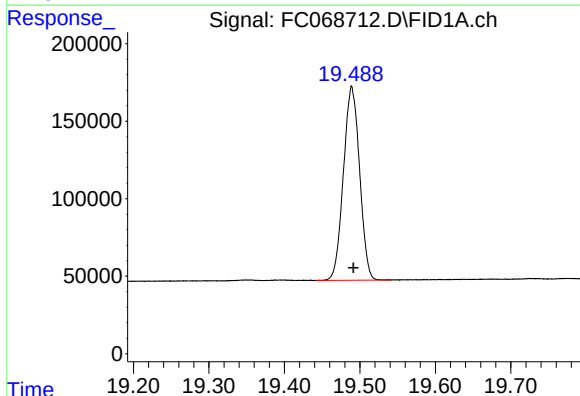
R.T.: 17.871 min
Delta R.T.: 0.000 min
Response: 1837580
Conc: 19.99 ug/ml

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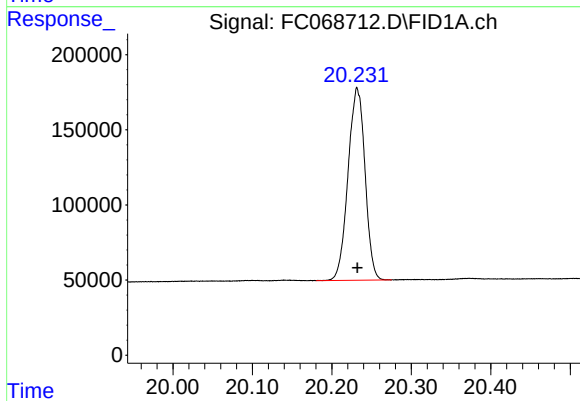
#18 n-Dotriacontane (C32)

R.T.: 18.706 min
Delta R.T.: 0.000 min
Response: 1881025
Conc: 20.51 ug/ml



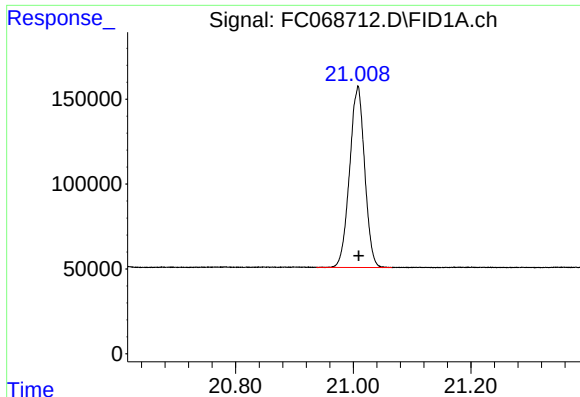
#19 n-Tetratriacontane (C34)

R.T.: 19.489 min
Delta R.T.: -0.002 min
Response: 1859398
Conc: 20.81 ug/ml



#20 n-Hexatriacontane (C36)

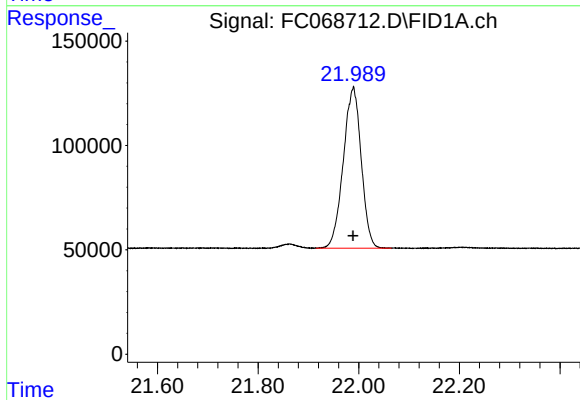
R.T.: 20.232 min
Delta R.T.: 0.000 min
Response: 1898024
Conc: 21.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.008 min
Delta R.T.: -0.002 min
Response: 1895295
Conc: 21.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.989 min
Delta R.T.: 0.000 min
Response: 1904400
Conc: 21.57 ug/ml