

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092325AL\
 Data File : FC069827.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2025 12:02
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Sep 23 12:38:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 23 12:38:37 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)	11.661	3997190	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.095	3447033	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.401	2691320	20.000 ug/ml
2) T n-Decane (C10)	4.472	2813927	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.066	3132652	20.000 ug/ml
4) T n-Dodecane (C12)	6.495	2974748	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.124	3116315	20.000 ug/ml
6) T n-Tetradecane (C14)	8.292	3166933	20.000 ug/ml
7) T n-Hexadecane (C16)	9.895	3540428	20.000 ug/ml
8) T n-Octadecane (C18)	11.339	3856654	20.000 ug/ml
10) T n-Eicosane (C20)	12.649	3923913	20.000 ug/ml
11) T n-Heneicosane (C21)	13.262	3945724	20.000 ug/ml
13) T n-Docosane (C22)	13.849	3991937	20.000 ug/ml
14) T n-Tetracosane (C24)	14.953	4075708	20.000 ug/ml
15) T n-Hexacosane (C26)	15.975	4049330	20.000 ug/ml
16) T n-Octacosane (C28)	16.925	3954788	20.000 ug/ml
17) T n-Tricontane (C30)	17.814	3912238	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.647	3615771	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.430	3125338	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.171	2488192	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.931	2066589	20.000 ug/ml
22) T n-Tetracontane (C40)	21.893	1810790	20.000 ug/ml

(f)=RT Delta > 1/2 Window

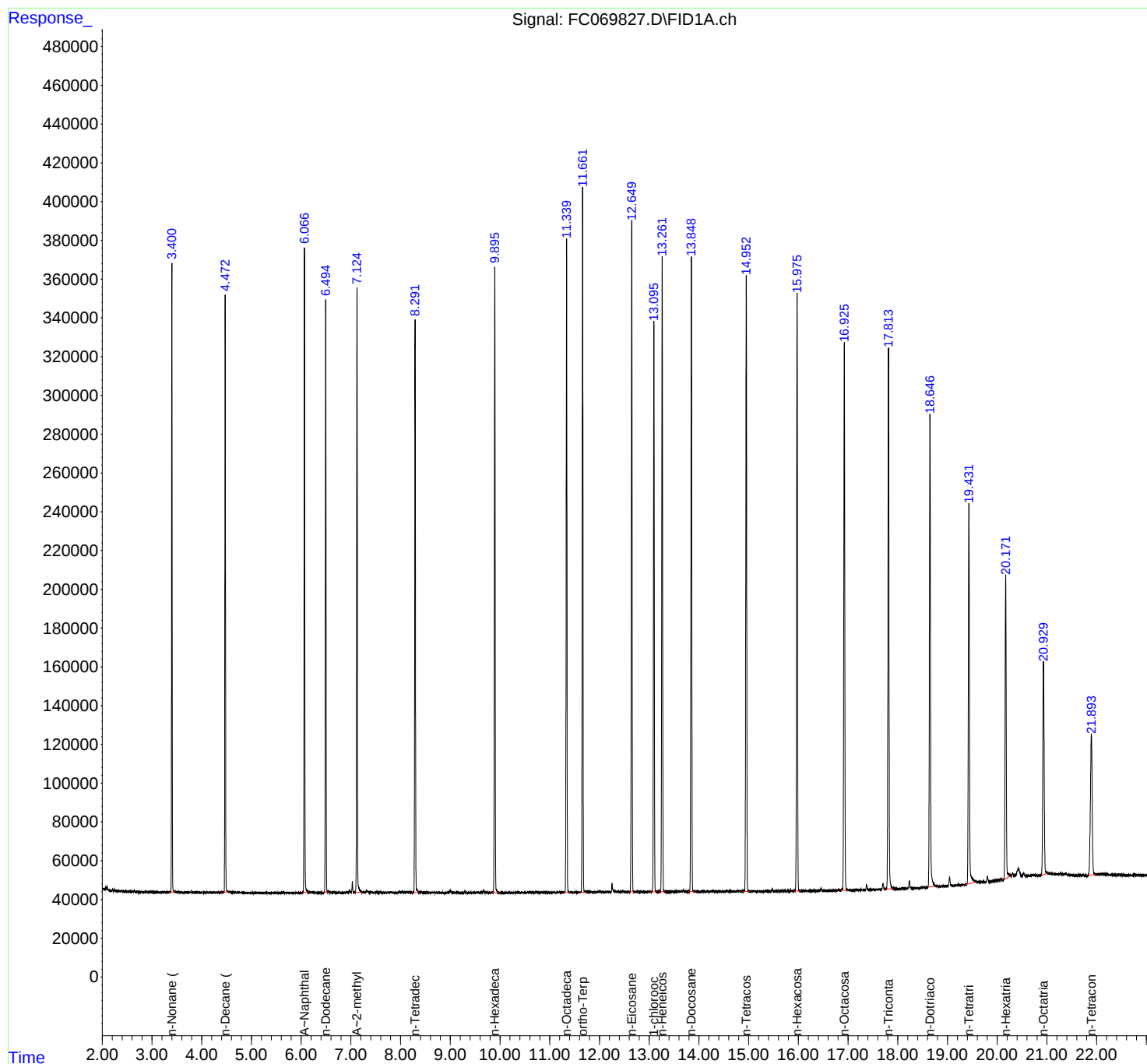
(m)=manual int.

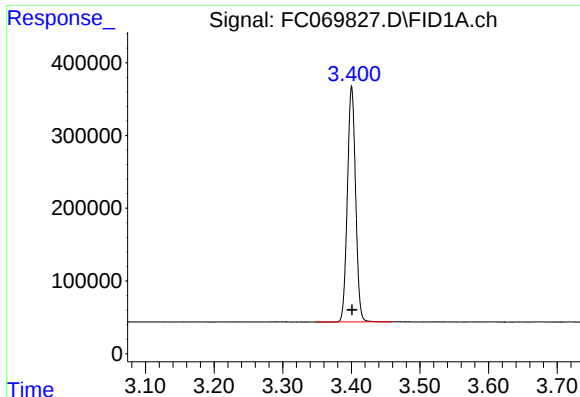
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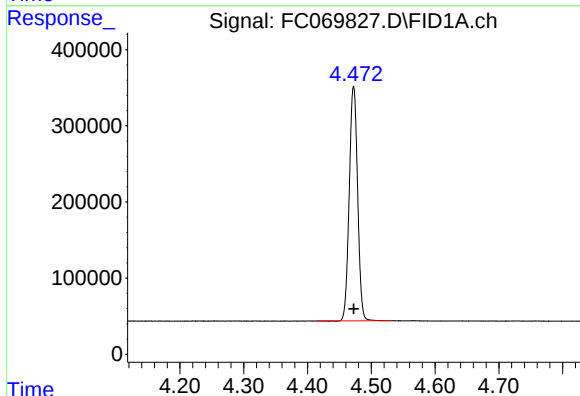




#1 n-Nonane (C9)

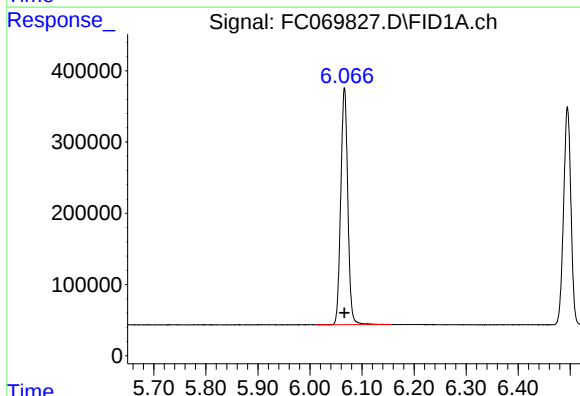
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 2691320
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



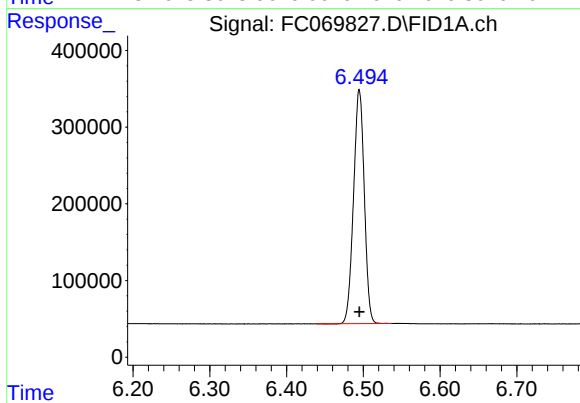
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 2813927
Conc: 20.00 ug/ml



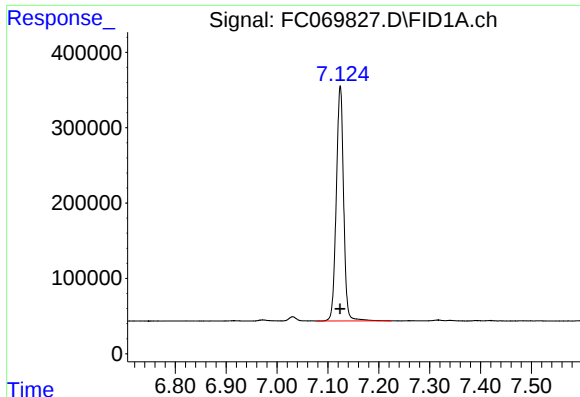
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 3132652
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

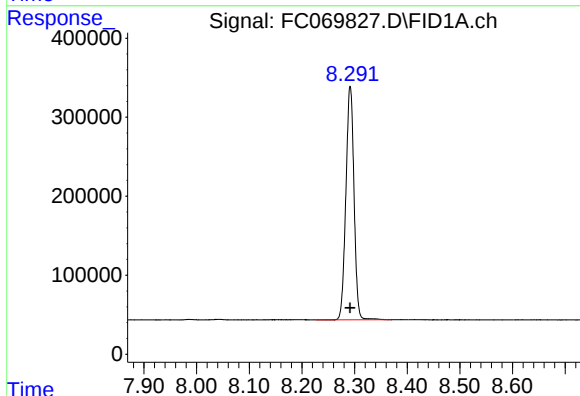
R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 2974748
Conc: 20.00 ug/ml



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

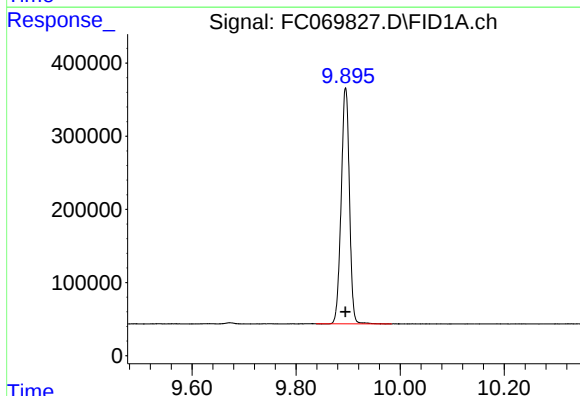
R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 3116315
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



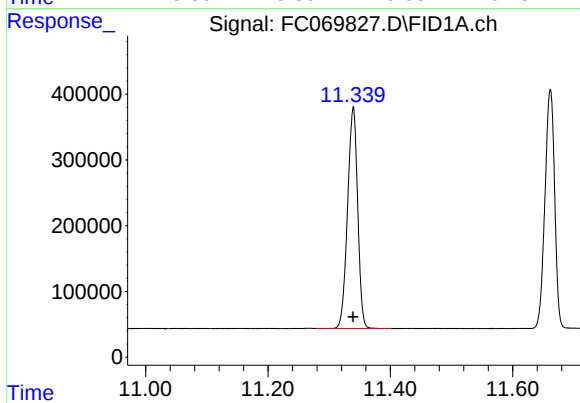
#6 n-Tetradecane (C14)

R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 3166933
Conc: 20.00 ug/ml



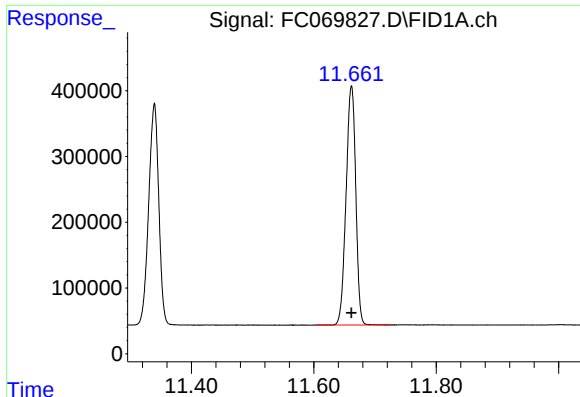
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: 0.000 min
Response: 3540428
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

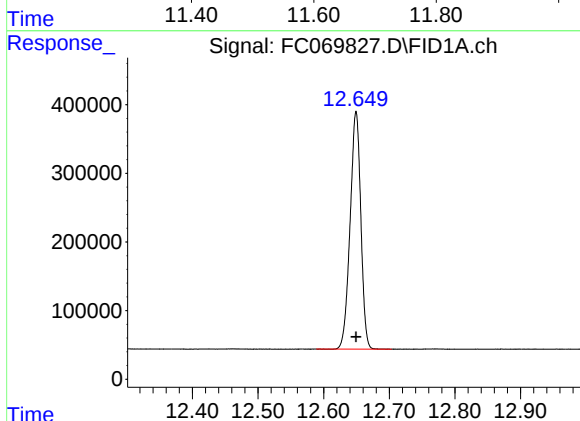
R.T.: 11.339 min
Delta R.T.: 0.000 min
Response: 3856654
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

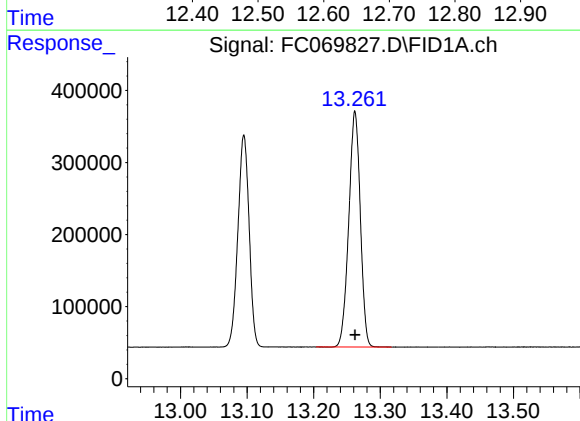
R.T.: 11.661 min
Delta R.T.: 0.000 min
Response: 3997190
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



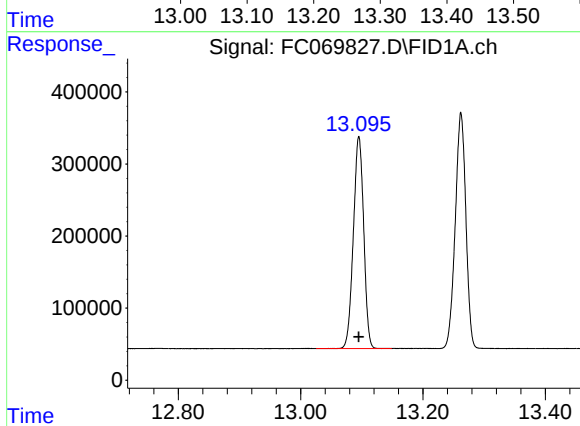
#10 n-Eicosane (C20)

R.T.: 12.649 min
Delta R.T.: 0.000 min
Response: 3923913
Conc: 20.00 ug/ml



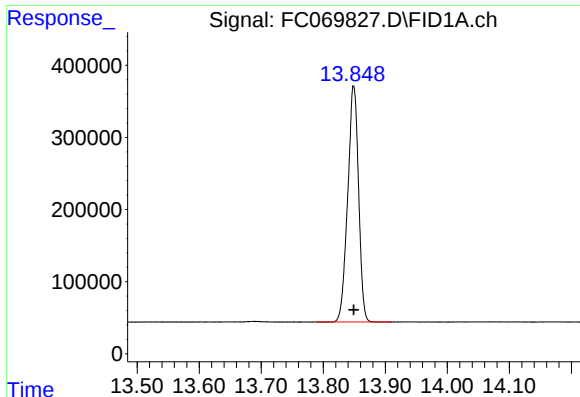
#11 n-Heneicosane (C21)

R.T.: 13.262 min
Delta R.T.: 0.000 min
Response: 3945724
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

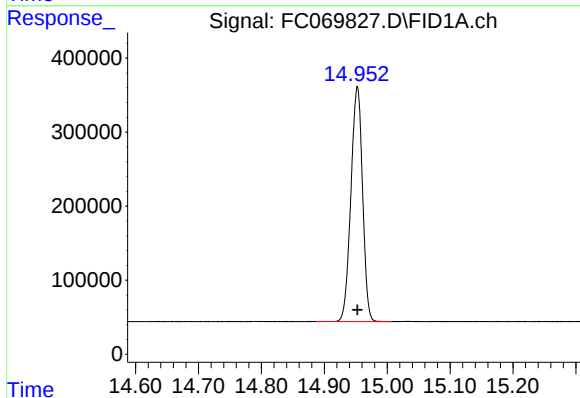
R.T.: 13.095 min
Delta R.T.: 0.000 min
Response: 3447033
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

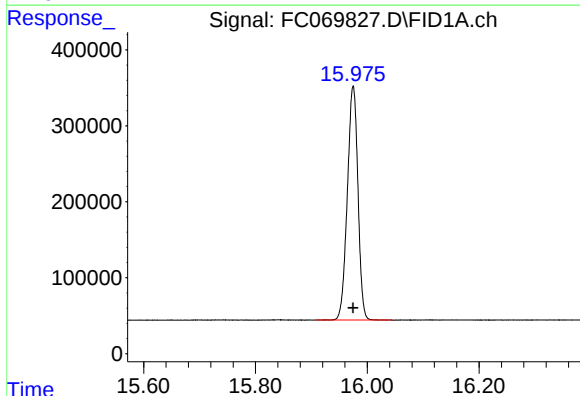
R.T.: 13.849 min
Delta R.T.: 0.000 min
Response: 3991937
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



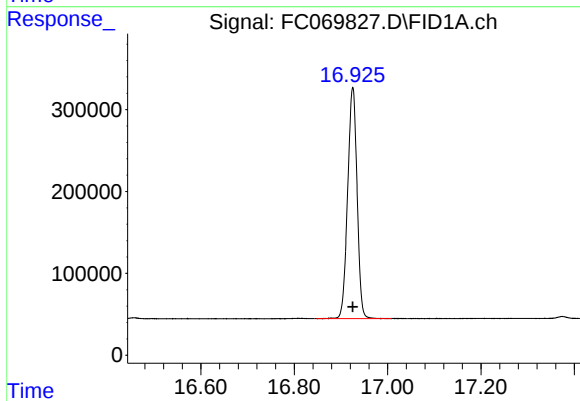
#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: 0.000 min
Response: 4075708
Conc: 20.00 ug/ml



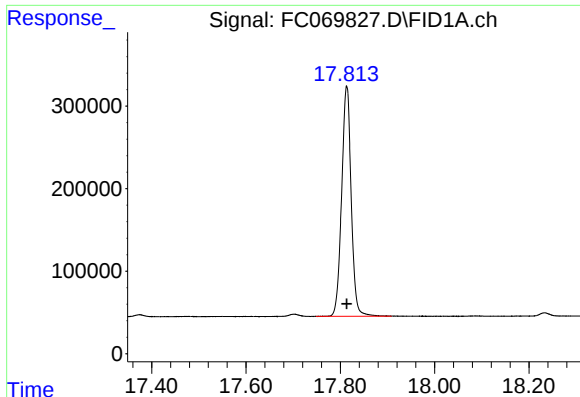
#15 n-Hexacosane (C26)

R.T.: 15.975 min
Delta R.T.: 0.000 min
Response: 4049330
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

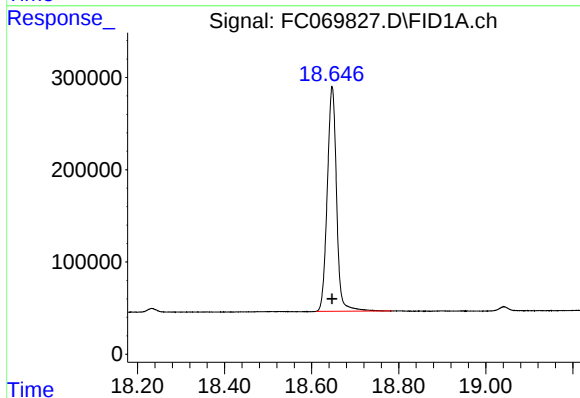
R.T.: 16.925 min
Delta R.T.: 0.000 min
Response: 3954788
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

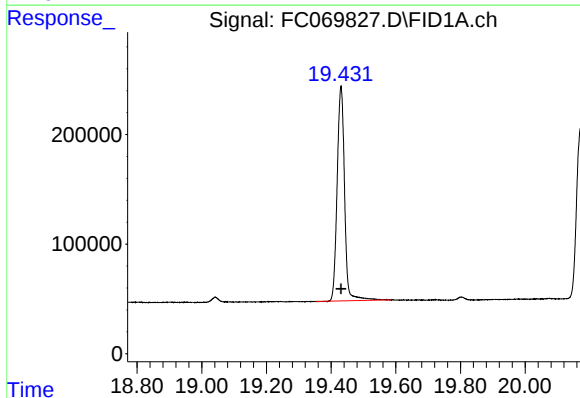
R.T.: 17.814 min
Delta R.T.: 0.000 min
Response: 3912238
Conc: 20.00 ug/ml

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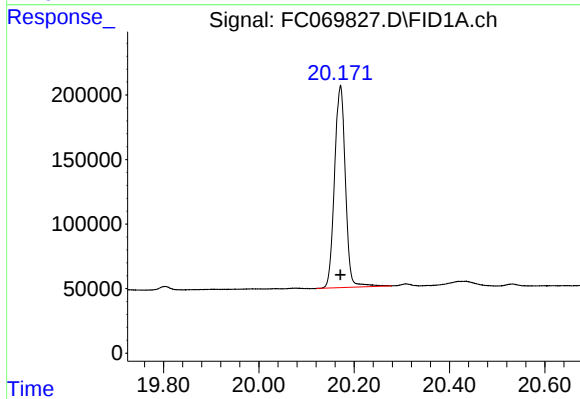
#18 n-Dotriacontane (C32)

R.T.: 18.647 min
Delta R.T.: 0.000 min
Response: 3615771
Conc: 20.00 ug/ml



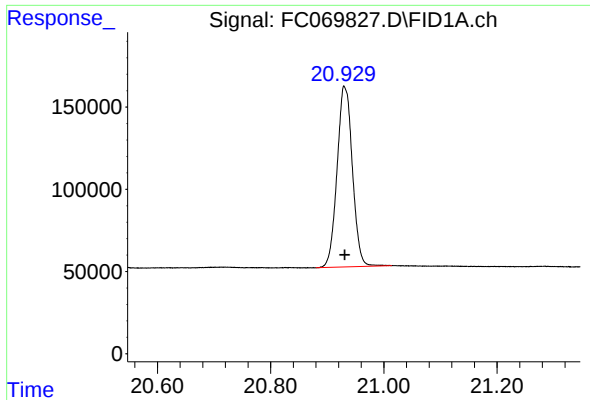
#19 n-Tetratriacontane (C34)

R.T.: 19.430 min
Delta R.T.: 0.000 min
Response: 3125338
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

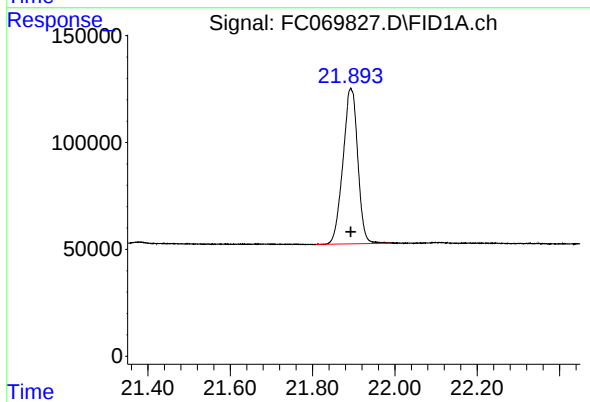
R.T.: 20.171 min
Delta R.T.: 0.000 min
Response: 2488192
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.931 min
Delta R.T.: 0.000 min
Response: 2066589
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.893 min
Delta R.T.: 0.000 min
Response: 1810790
Conc: 20.00 ug/ml