

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
 Data File : FC069756.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 10:12
 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: Aug 27 11:08:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 11:07:55 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)	11.660	2559018	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.096	1894959	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.397	2499891	20.000 ug/ml
2) T n-Decane (C10)	4.468	2539667	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.062	2682868	20.000 ug/ml
4) T n-Dodecane (C12)	6.492	2550934	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.121	2544260	20.000 ug/ml
6) T n-Tetradecane (C14)	8.290	2530351	20.000 ug/ml
7) T n-Hexadecane (C16)	9.894	2558594	20.000 ug/ml
8) T n-Octadecane (C18)	11.338	2478487	20.000 ug/ml
10) T n-Eicosane (C20)	12.649	2293897	20.000 ug/ml
11) T n-Heneicosane (C21)	13.264	2210322	20.000 ug/ml
13) T n-Docosane (C22)	13.850	2156093	20.000 ug/ml
14) T n-Tetracosane (C24)	14.955	2070490	20.000 ug/ml
15) T n-Hexacosane (C26)	15.977	1979860	20.000 ug/ml
16) T n-Octacosane (C28)	16.928	1901206	20.000 ug/ml
17) T n-Tricontane (C30)	17.817	1890511	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.652	1822762	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.436	1694111	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.178	1503803	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.942	1392489	20.000 ug/ml
22) T n-Tetracontane (C40)	21.903	1320571	20.000 ug/ml

(f)=RT Delta > 1/2 Window

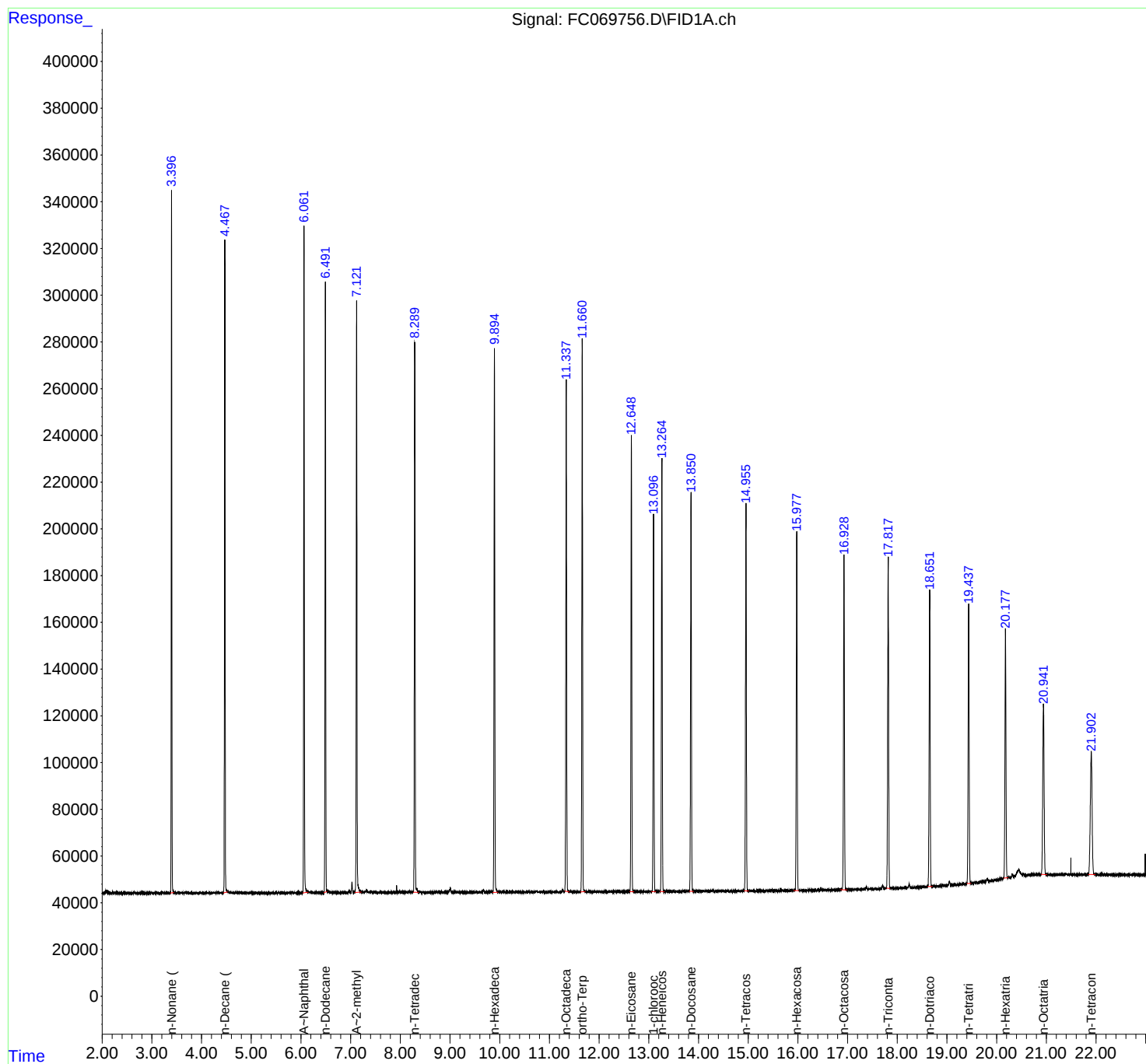
(m)=manual int.

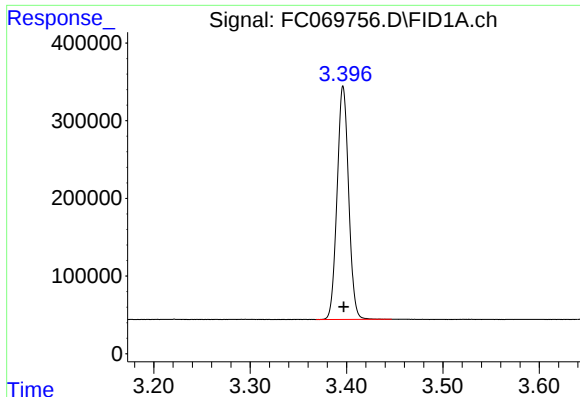
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
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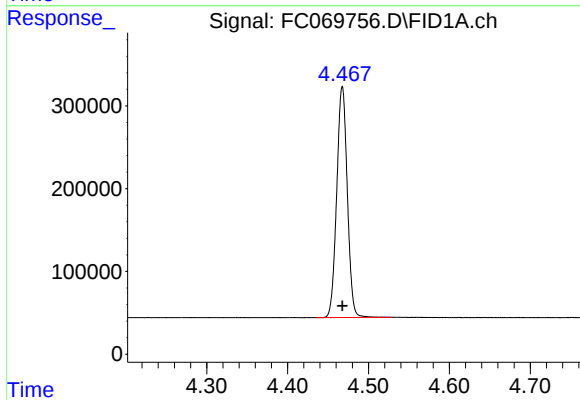




#1 n-Nonane (C9)

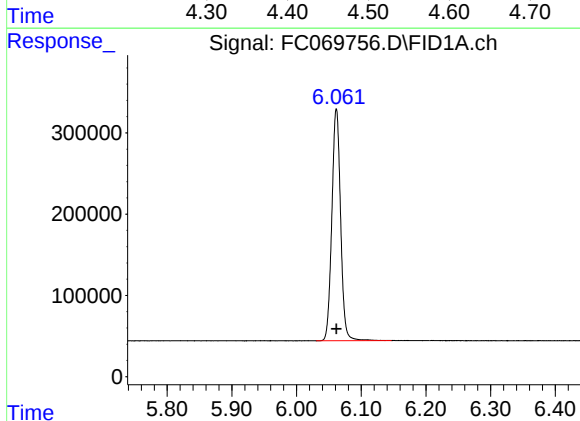
R.T.: 3.397 min
Delta R.T.: 0.000 min
Response: 2499891
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



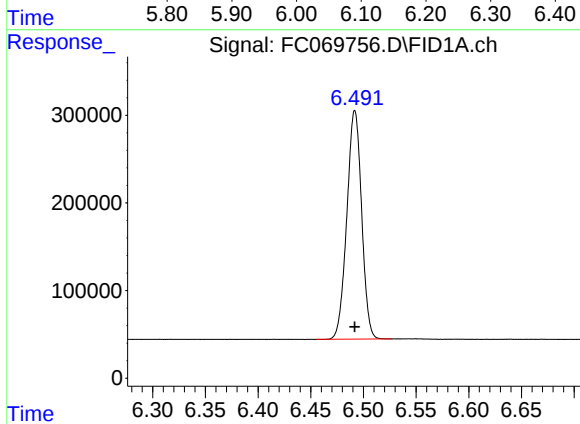
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 2539667
Conc: 20.00 ug/ml



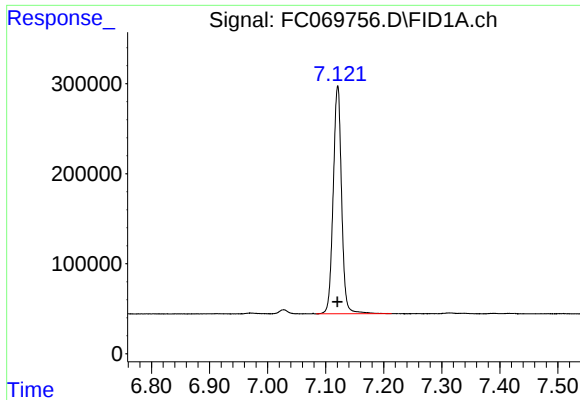
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 2682868
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

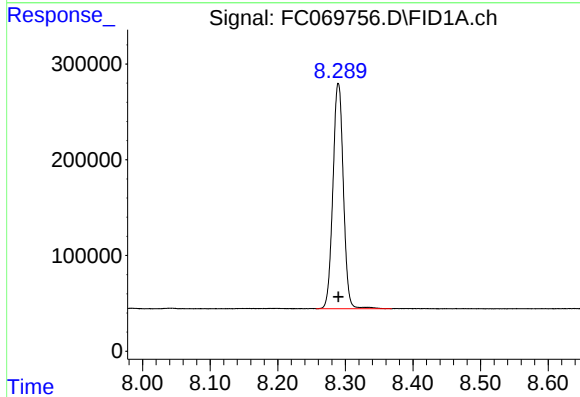
R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 2550934
Conc: 20.00 ug/ml



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

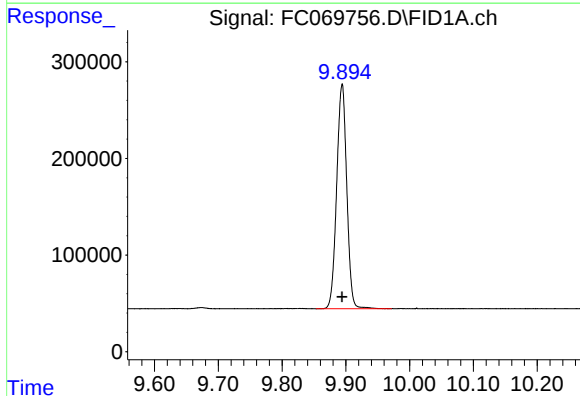
R.T.: 7.121 min
Delta R.T.: 0.000 min
Response: 2544260
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



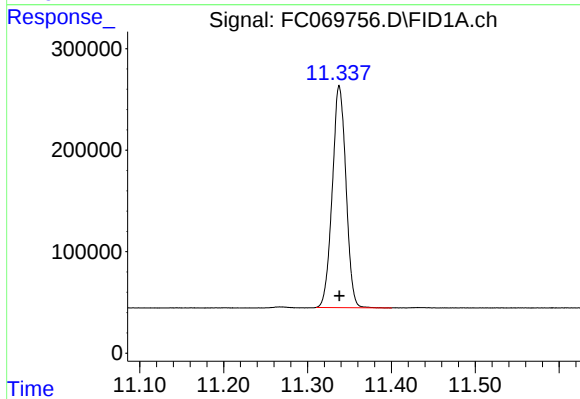
#6 n-Tetradecane (C14)

R.T.: 8.290 min
Delta R.T.: 0.000 min
Response: 2530351
Conc: 20.00 ug/ml



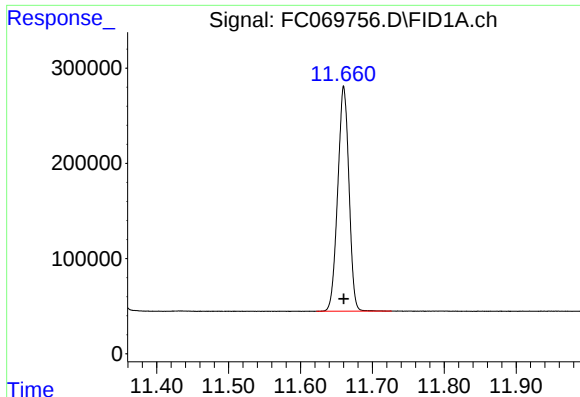
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 2558594
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

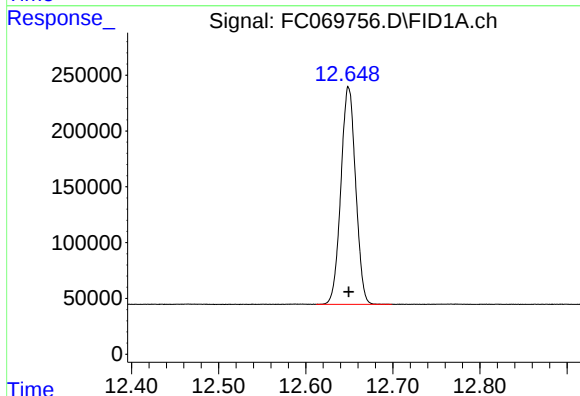
R.T.: 11.338 min
Delta R.T.: 0.000 min
Response: 2478487
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

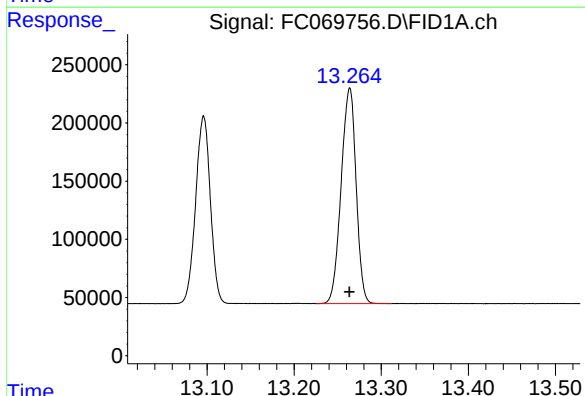
R.T.: 11.660 min
Delta R.T.: 0.000 min
Response: 2559018
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



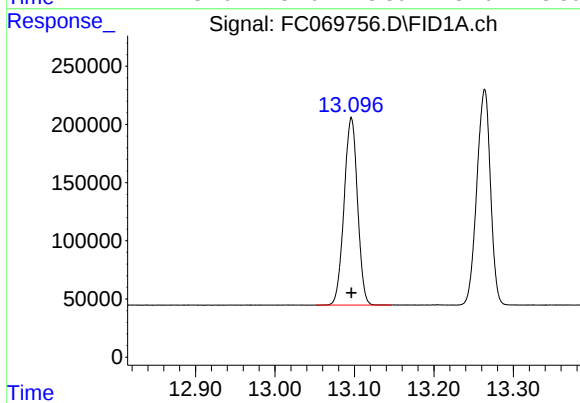
#10 n-Eicosane (C20)

R.T.: 12.649 min
Delta R.T.: 0.000 min
Response: 2293897
Conc: 20.00 ug/ml



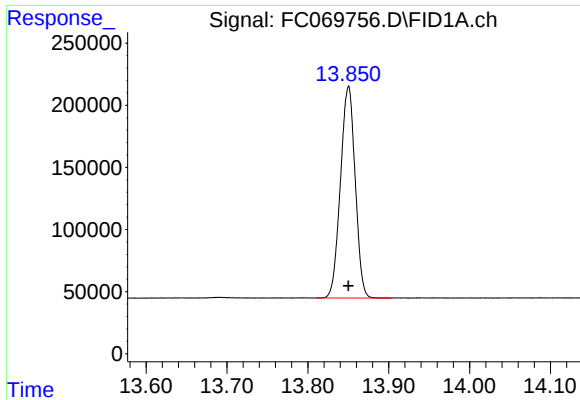
#11 n-Heneicosane (C21)

R.T.: 13.264 min
Delta R.T.: 0.000 min
Response: 2210322
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

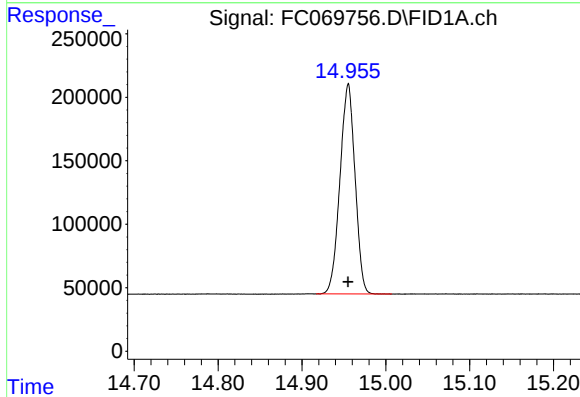
R.T.: 13.096 min
Delta R.T.: 0.000 min
Response: 1894959
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

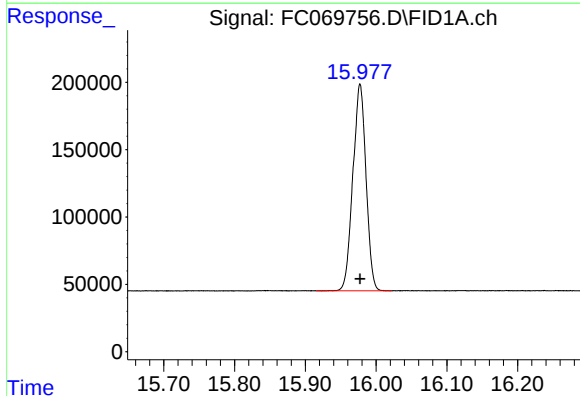
R.T.: 13.850 min
Delta R.T.: 0.000 min
Response: 2156093
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



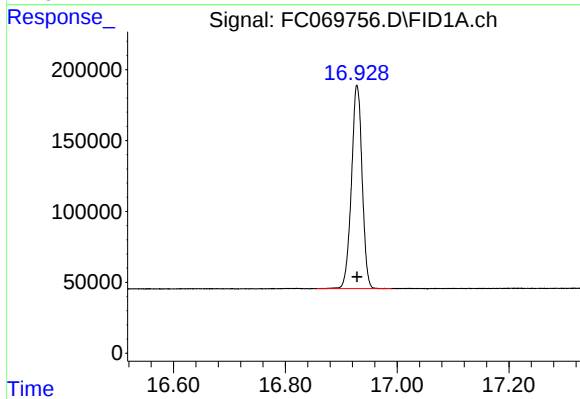
#14 n-Tetracosane (C24)

R.T.: 14.955 min
Delta R.T.: 0.000 min
Response: 2070490
Conc: 20.00 ug/ml



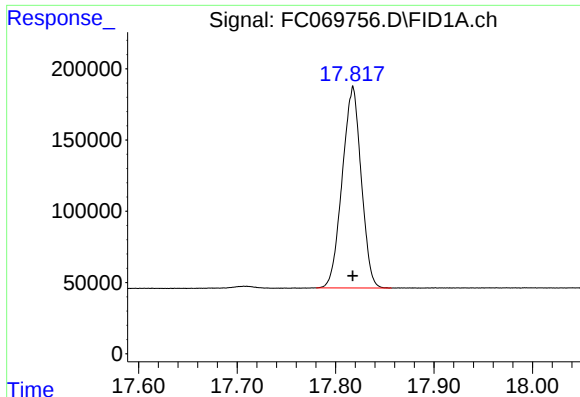
#15 n-Hexacosane (C26)

R.T.: 15.977 min
Delta R.T.: 0.000 min
Response: 1979860
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

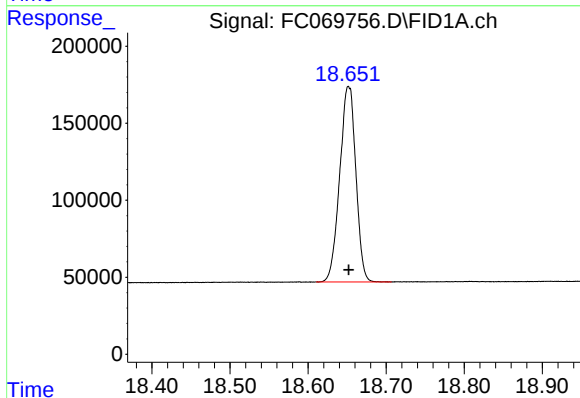
R.T.: 16.928 min
Delta R.T.: 0.000 min
Response: 1901206
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

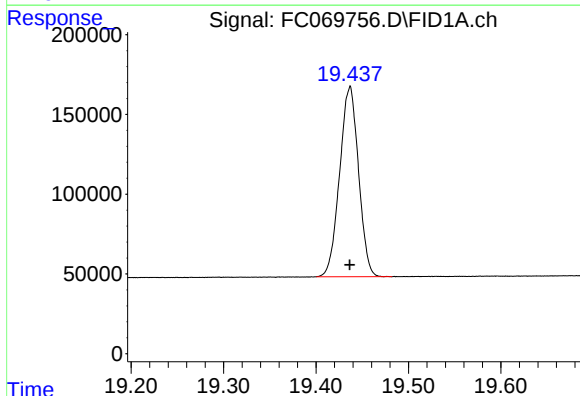
R.T.: 17.817 min
Delta R.T.: 0.000 min
Response: 1890511
Conc: 20.00 ug/ml

Instrument :
FID_C
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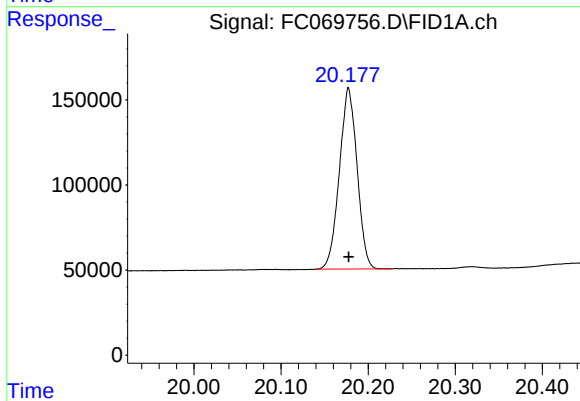
#18 n-Dotriacontane (C32)

R.T.: 18.652 min
Delta R.T.: 0.000 min
Response: 1822762
Conc: 20.00 ug/ml



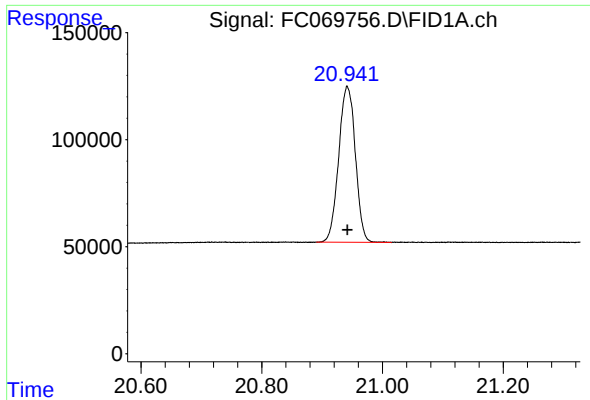
#19 n-Tetratriacontane (C34)

R.T.: 19.436 min
Delta R.T.: 0.000 min
Response: 1694111
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

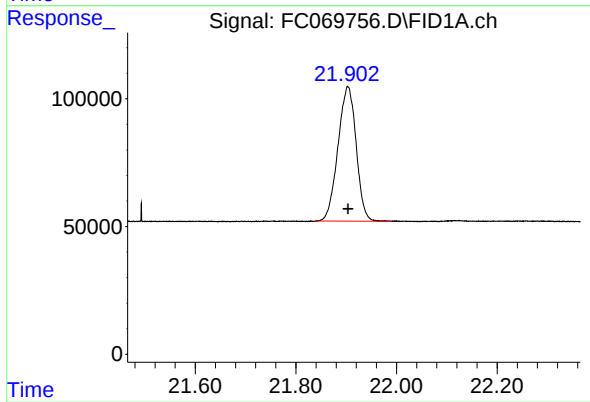
R.T.: 20.178 min
Delta R.T.: 0.000 min
Response: 1503803
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.942 min
Delta R.T.: 0.000 min
Response: 1392489
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.903 min
Delta R.T.: 0.000 min
Response: 1320571
Conc: 20.00 ug/ml