

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
 Data File : FC069560.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2025 12:24
 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 01 13:14:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 13:14:26 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	3038421	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.106	2224752	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.402	2927397	20.000 ug/ml
2) T n-Decane (C10)	4.474	3009770	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.070	3200665	20.000 ug/ml
4) T n-Dodecane (C12)	6.499	3028365	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.130	3039698	20.000 ug/ml
6) T n-Tetradecane (C14)	8.299	2960582	20.000 ug/ml
7) T n-Hexadecane (C16)	9.902	2981739	20.000 ug/ml
8) T n-Octadecane (C18)	11.348	2900399	20.000 ug/ml
10) T n-Eicosane (C20)	12.659	2686211	20.000 ug/ml
11) T n-Heneicosane (C21)	13.273	2595361	20.000 ug/ml
13) T n-Docosane (C22)	13.860	2543151	20.000 ug/ml
14) T n-Tetracosane (C24)	14.964	2450175	20.000 ug/ml
15) T n-Hexacosane (C26)	15.986	2347283	20.000 ug/ml
16) T n-Octacosane (C28)	16.938	2269696	20.000 ug/ml
17) T n-Tricontane (C30)	17.827	2301407	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.660	2234449	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.446	2056944	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.186	1806195	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.952	1645997	20.000 ug/ml
22) T n-Tetracontane (C40)	21.918	1549473	20.000 ug/ml

(f)=RT Delta > 1/2 Window

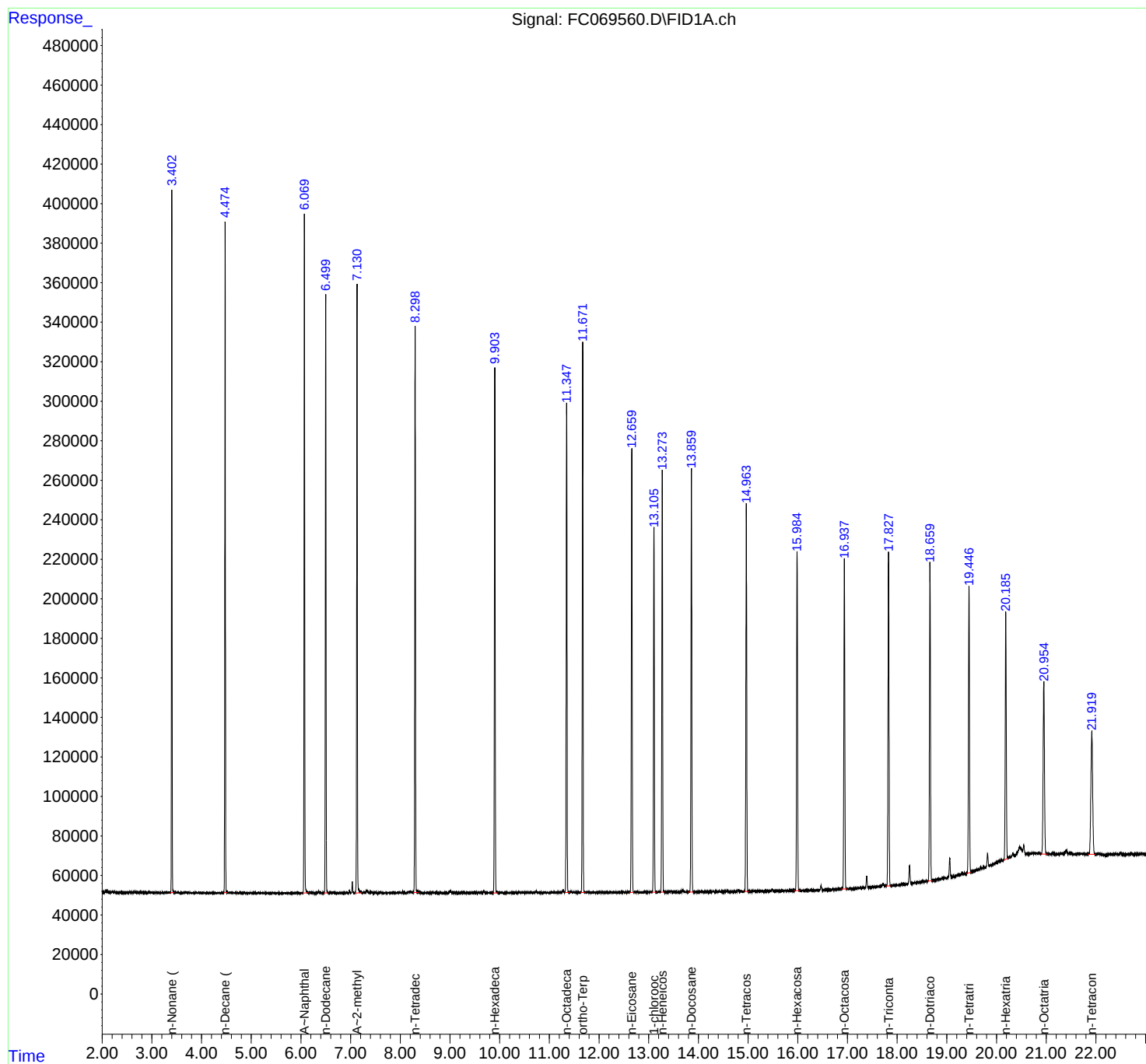
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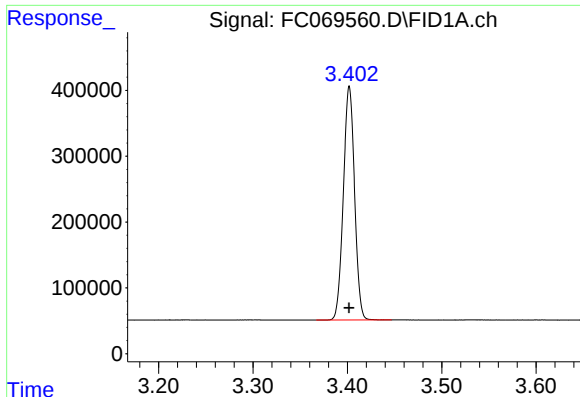
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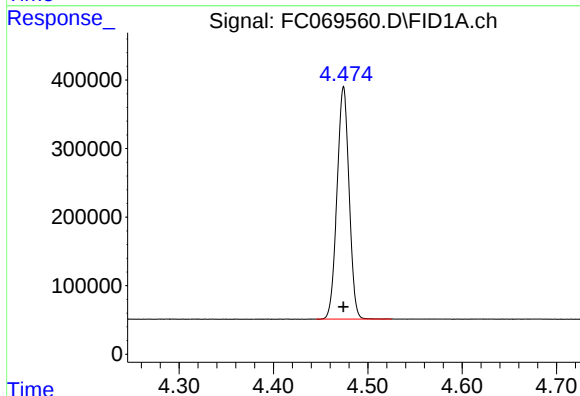




#1 n-Nonane (C9)

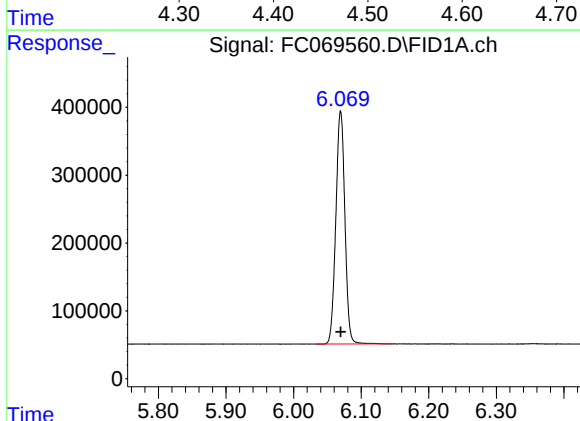
R.T.: 3.402 min
Delta R.T.: 0.000 min
Response: 2927397
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



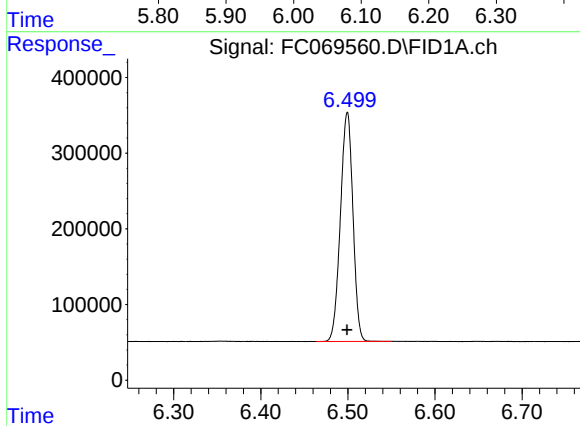
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 3009770
Conc: 20.00 ug/ml



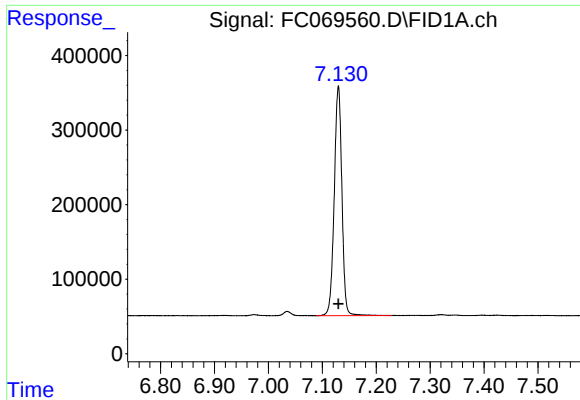
#3 A~Naphthalene (C11.7)

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 3200665
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

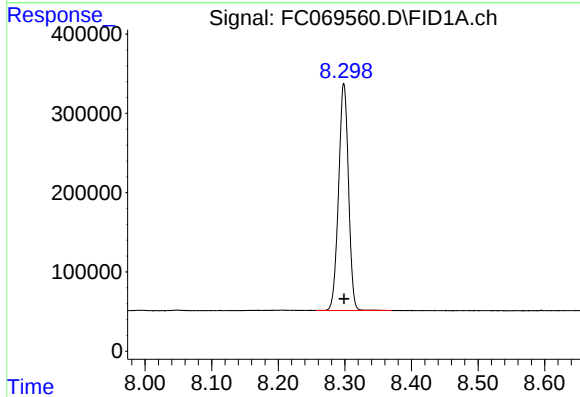
R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 3028365
Conc: 20.00 ug/ml



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

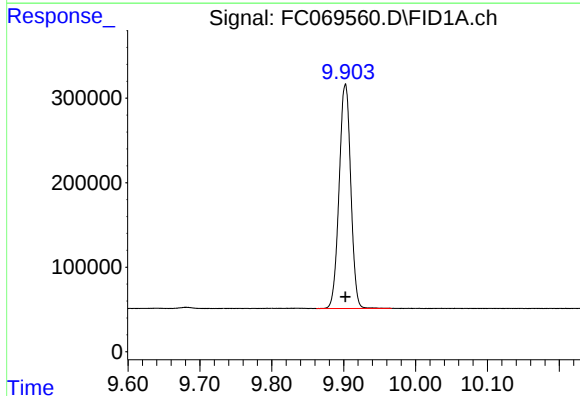
R.T.: 7.130 min
Delta R.T.: 0.000 min
Response: 3039698
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



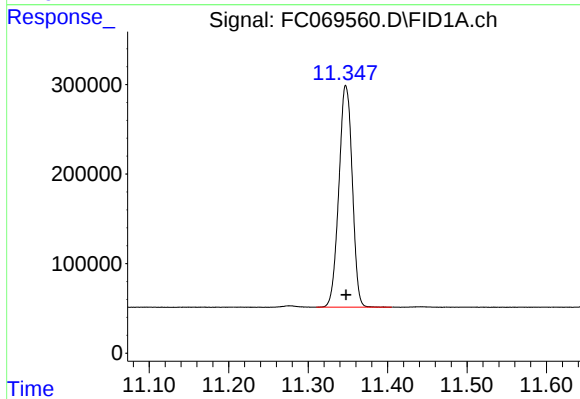
#6 n-Tetradecane (C14)

R.T.: 8.299 min
Delta R.T.: 0.000 min
Response: 2960582
Conc: 20.00 ug/ml



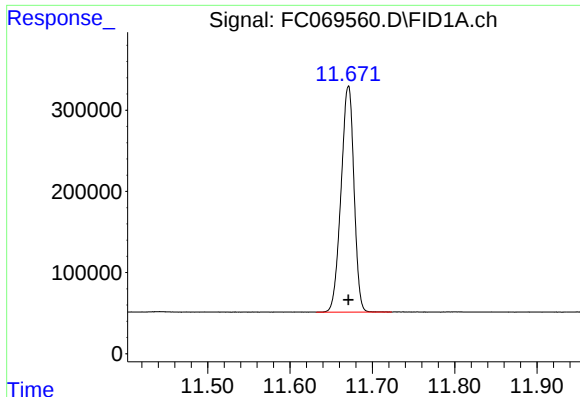
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: 0.000 min
Response: 2981739
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

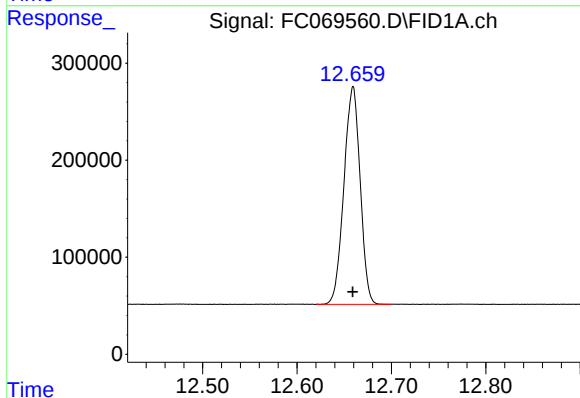
R.T.: 11.348 min
Delta R.T.: 0.000 min
Response: 2900399
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

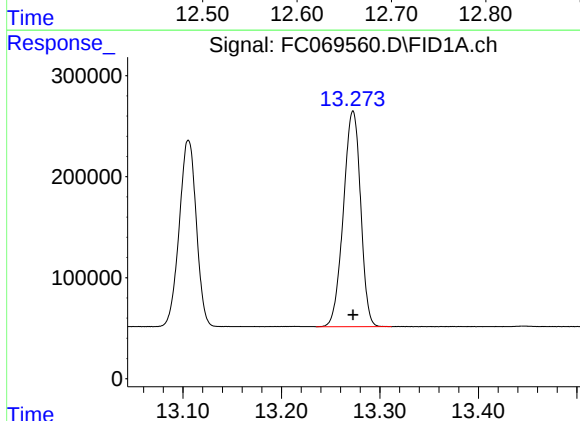
R.T.: 11.671 min
Delta R.T.: 0.000 min
Response: 3038421
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



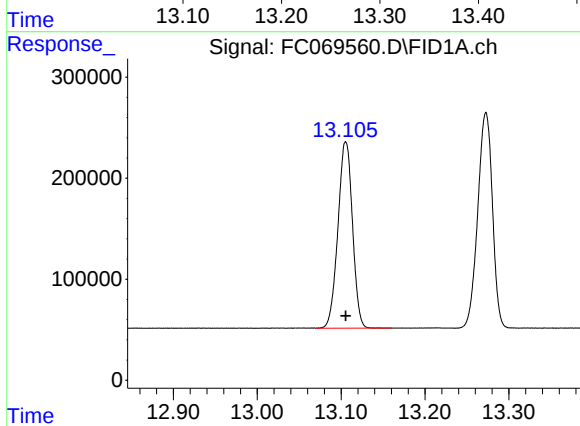
#10 n-Eicosane (C20)

R.T.: 12.659 min
Delta R.T.: 0.000 min
Response: 2686211
Conc: 20.00 ug/ml



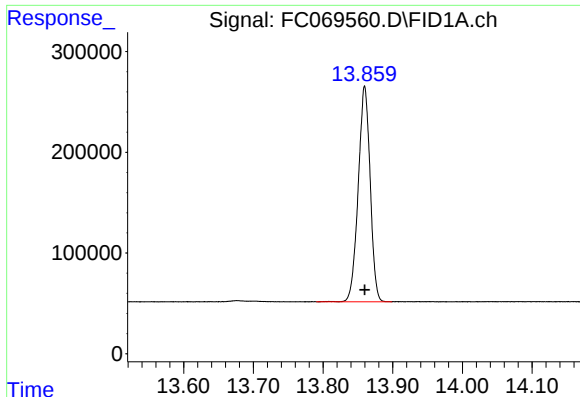
#11 n-Heneicosane (C21)

R.T.: 13.273 min
Delta R.T.: 0.000 min
Response: 2595361
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

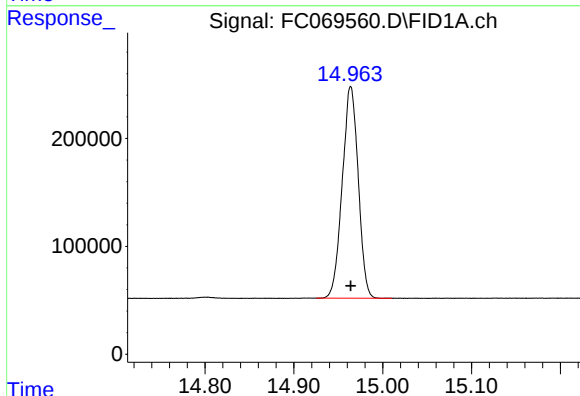
R.T.: 13.106 min
Delta R.T.: 0.000 min
Response: 2224752
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

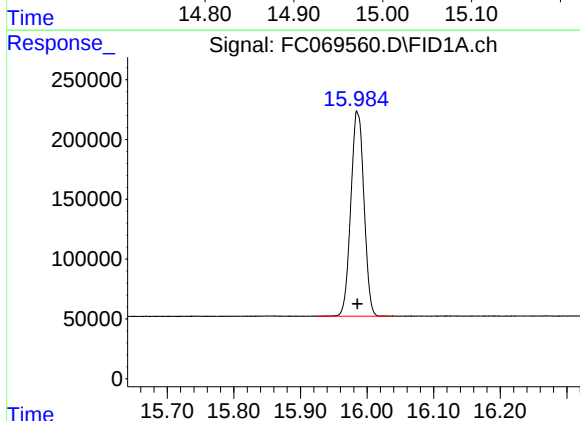
R.T.: 13.860 min
Delta R.T.: 0.000 min
Response: 2543151
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



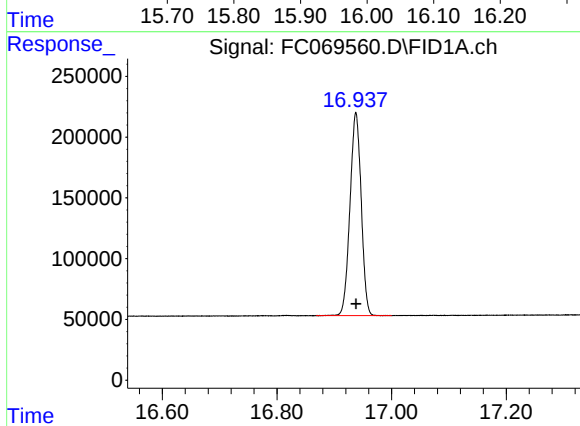
#14 n-Tetracosane (C24)

R.T.: 14.964 min
Delta R.T.: 0.000 min
Response: 2450175
Conc: 20.00 ug/ml



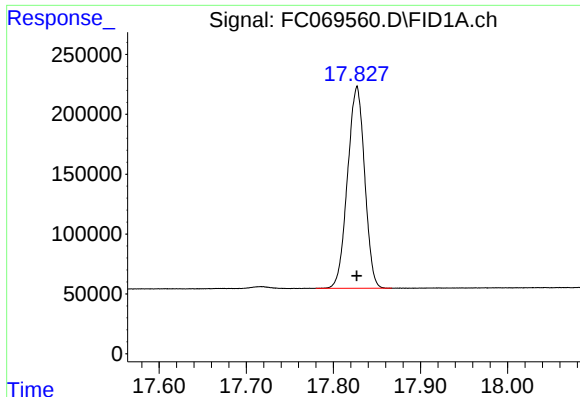
#15 n-Hexacosane (C26)

R.T.: 15.986 min
Delta R.T.: 0.000 min
Response: 2347283
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

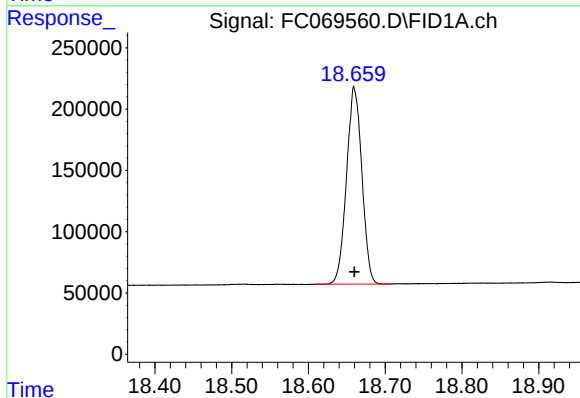
R.T.: 16.938 min
Delta R.T.: 0.000 min
Response: 2269696
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

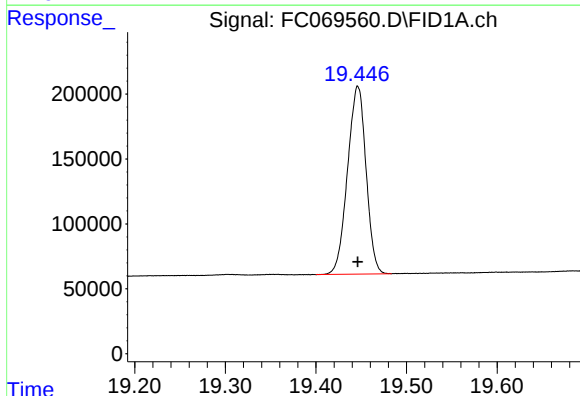
R.T.: 17.827 min
Delta R.T.: 0.000 min
Response: 2301407
Conc: 20.00 ug/ml

Instrument :
FID_C
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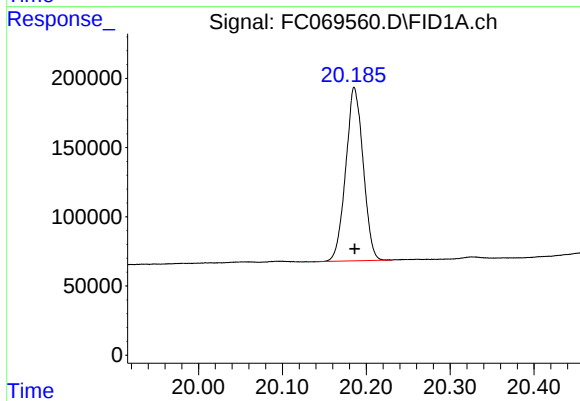
#18 n-Dotriacontane (C32)

R.T.: 18.660 min
Delta R.T.: 0.000 min
Response: 2234449
Conc: 20.00 ug/ml



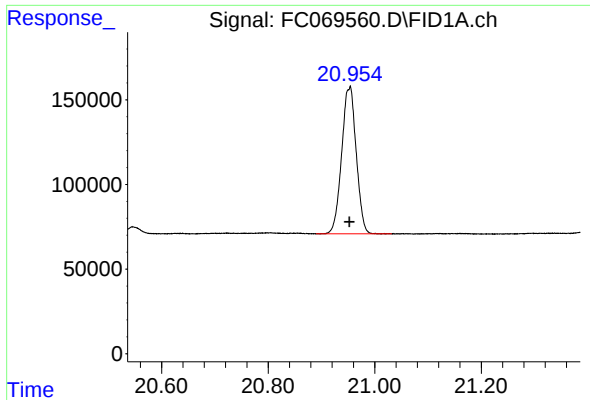
#19 n-Tetratriacontane (C34)

R.T.: 19.446 min
Delta R.T.: 0.000 min
Response: 2056944
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

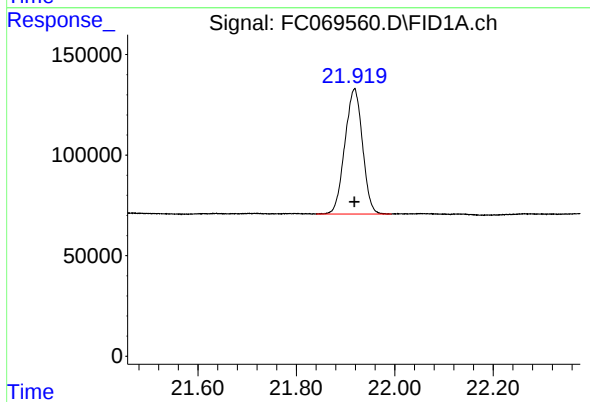
R.T.: 20.186 min
Delta R.T.: 0.000 min
Response: 1806195
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.952 min
Delta R.T.: 0.000 min
Response: 1645997
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.918 min
Delta R.T.: 0.000 min
Response: 1549473
Conc: 20.00 ug/ml