

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091024AL\
 Data File : FC067075.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2024 12:23
 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: sample.E
 Quant Time: Sep 11 02:49:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:43:38 2024
 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)	11.506	2644557	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.945	1847113	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.275	2518413	20.000 ug/ml
2) T n-Decane (C10)	4.342	2559718	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.922	2712130	20.000 ug/ml
4) T n-Dodecane (C12)	6.359	2545138	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.978	2554054	20.000 ug/ml
6) T n-Tetradecane (C14)	8.154	2457775	20.000 ug/ml
7) T n-Hexadecane (C16)	9.753	2455602	20.000 ug/ml
8) T n-Octadecane (C18)	11.194	2435841	20.000 ug/ml
10) T n-Eicosane (C20)	12.502	2281912	20.000 ug/ml
11) T n-Heneicosane (C21)	13.113	2223261	20.000 ug/ml
13) T n-Docosane (C22)	13.699	2196378	20.000 ug/ml
14) T n-Tetracosane (C24)	14.801	2165662	20.000 ug/ml
15) T n-Hexacosane (C26)	15.821	2128845	20.000 ug/ml
16) T n-Octacosane (C28)	16.770	2085395	20.000 ug/ml
17) T n-Tricontane (C30)	17.658	2112411	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.488	2025348	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.271	1793460	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.009	1544239	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.736	1476624	20.000 ug/ml
22) T n-Tetracontane (C40)	21.627	1365040	20.000 ug/ml

(f)=RT Delta > 1/2 Window

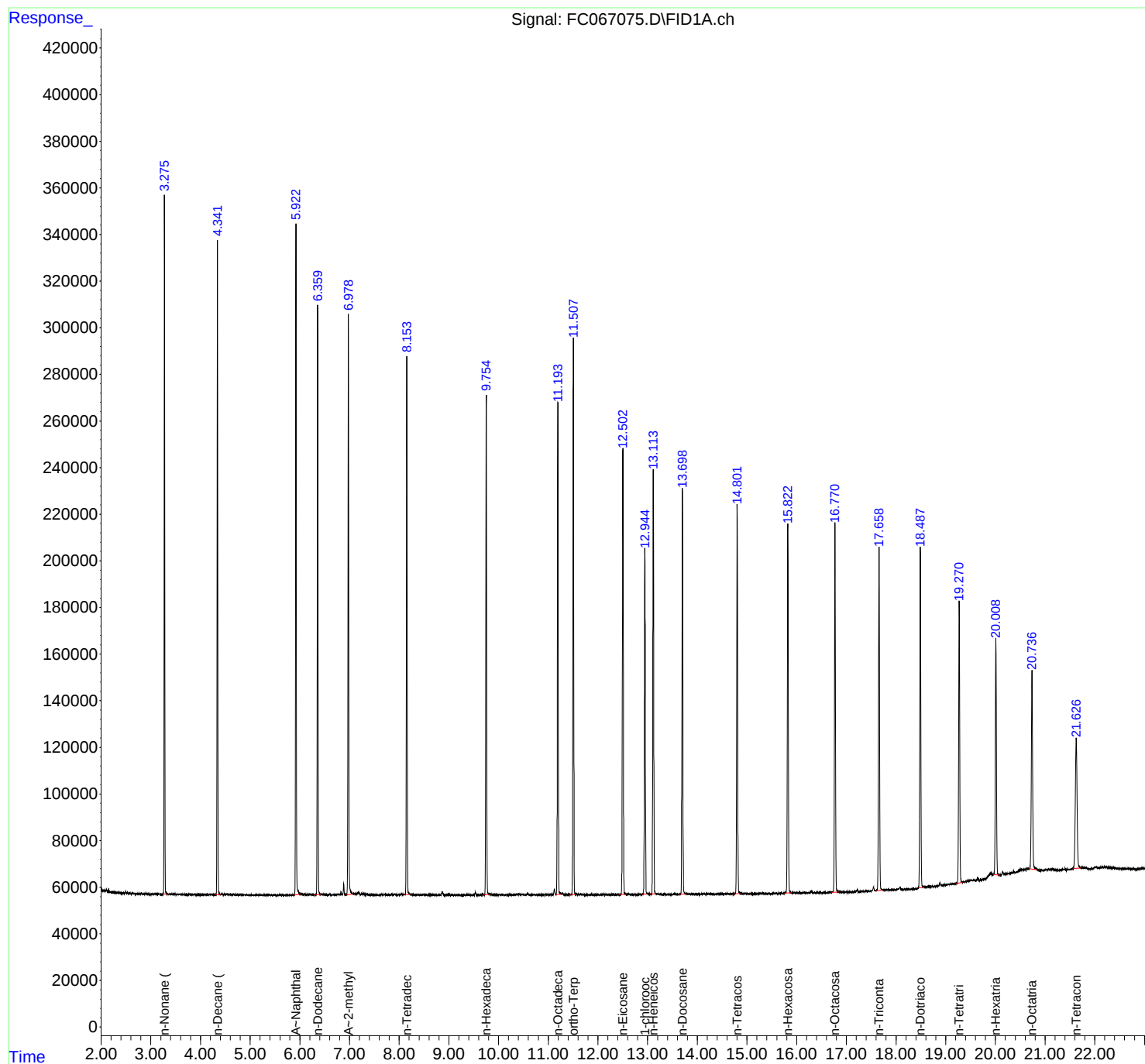
(m)=manual int.

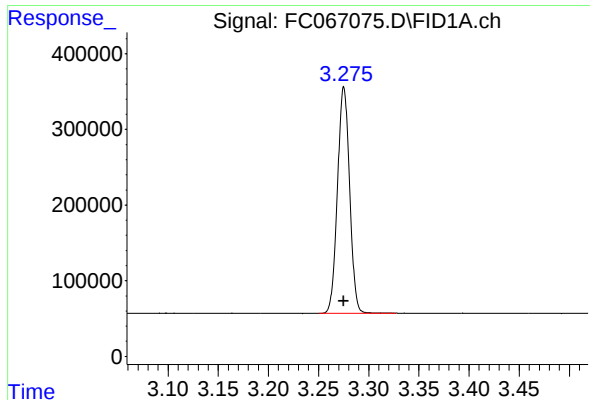
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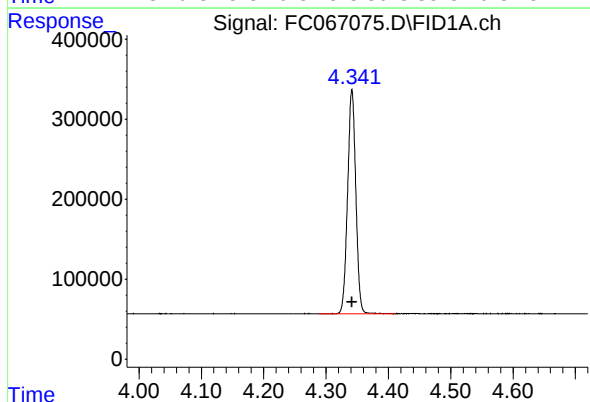




#1 n-Nonane (C9)

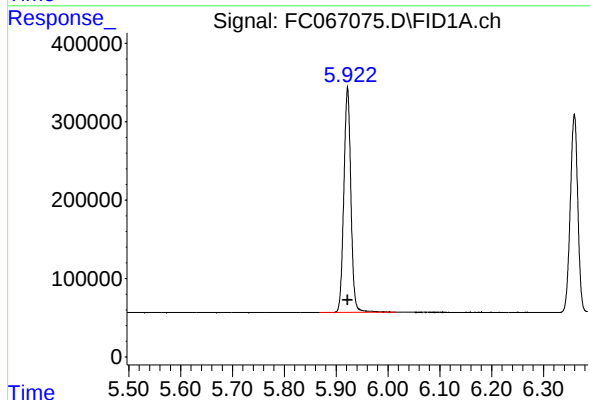
R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 2518413
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



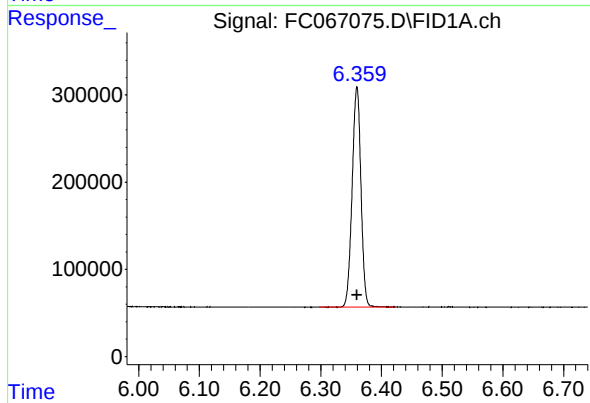
#2 n-Decane (C10)

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 2559718
Conc: 20.00 ug/ml



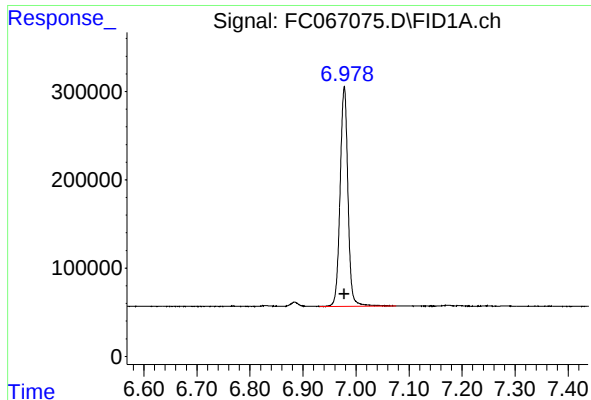
#3 A~Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 2712130
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

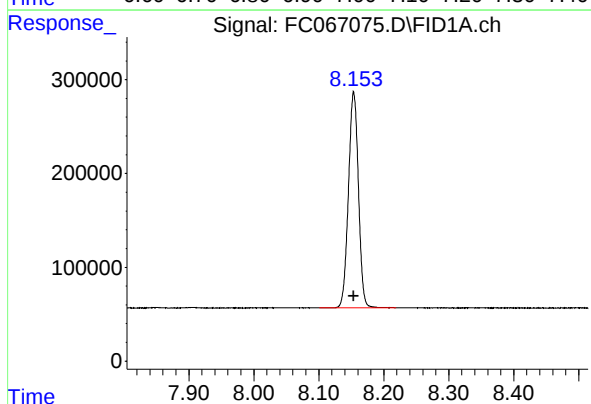
R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 2545138
Conc: 20.00 ug/ml



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

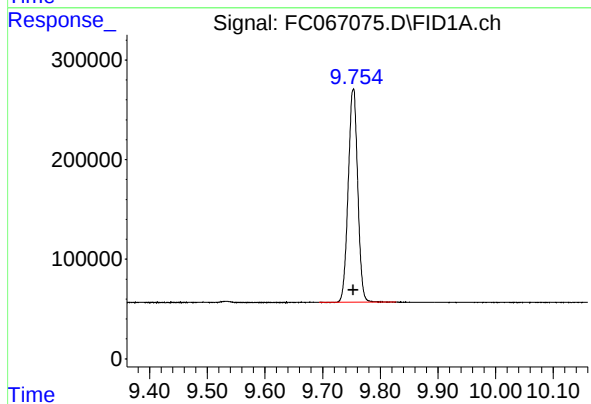
R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 2554054
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



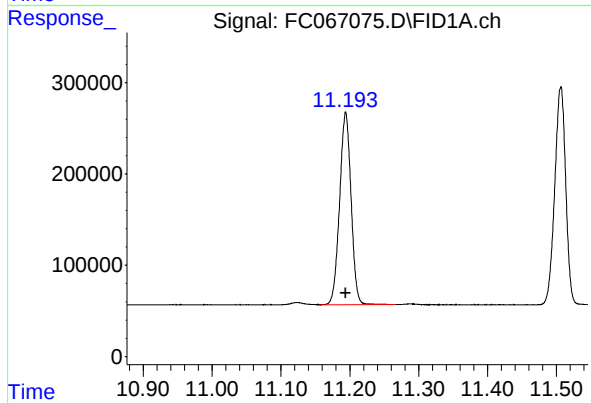
#6 n-Tetradecane (C14)

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 2457775
Conc: 20.00 ug/ml



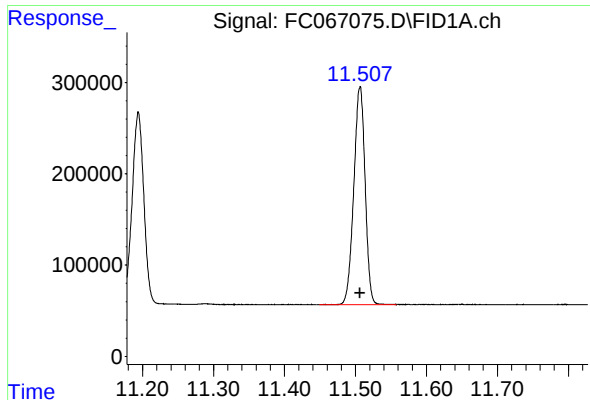
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: 0.000 min
Response: 2455602
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

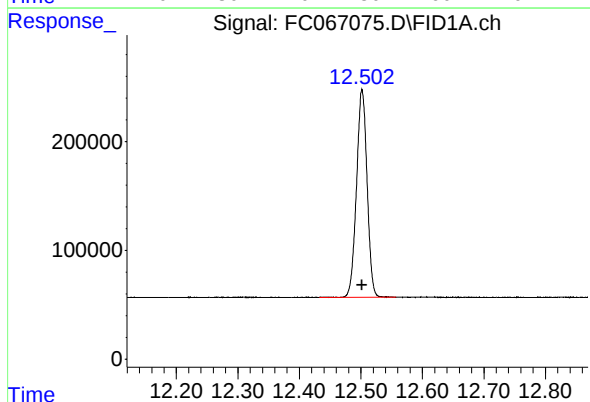
R.T.: 11.194 min
Delta R.T.: 0.000 min
Response: 2435841
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

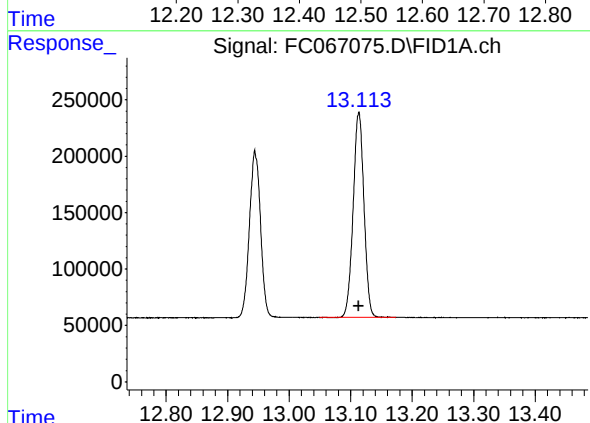
R.T.: 11.506 min
Delta R.T.: 0.000 min
Response: 2644557
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



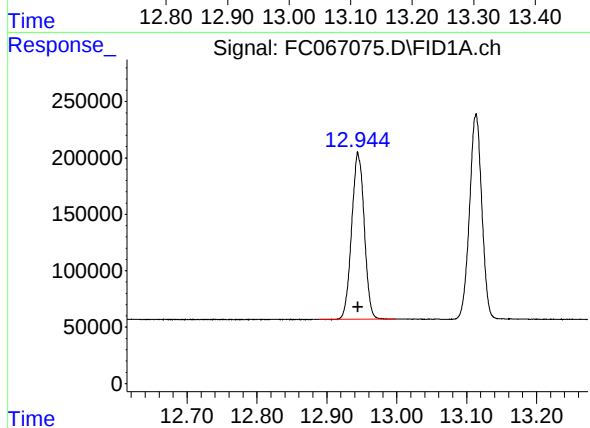
#10 n-Eicosane (C20)

R.T.: 12.502 min
Delta R.T.: 0.000 min
Response: 2281912
Conc: 20.00 ug/ml



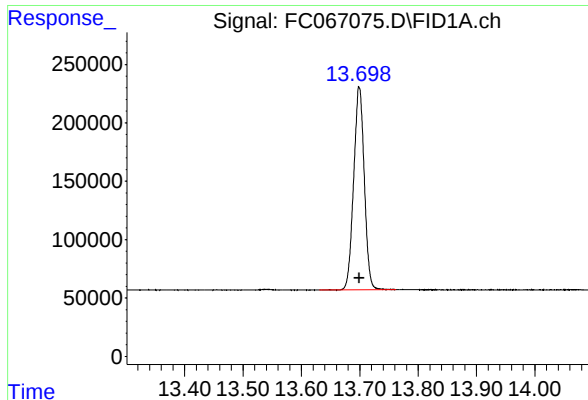
#11 n-Heneicosane (C21)

R.T.: 13.113 min
Delta R.T.: 0.000 min
Response: 2223261
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

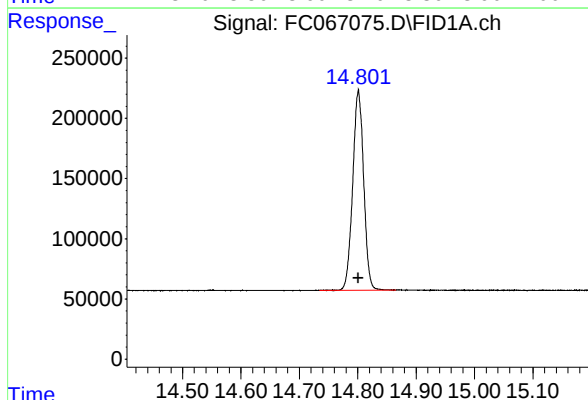
R.T.: 12.945 min
Delta R.T.: 0.000 min
Response: 1847113
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

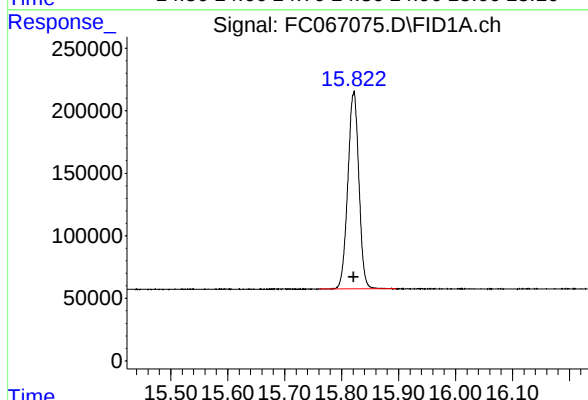
R.T.: 13.699 min
Delta R.T.: 0.000 min
Response: 2196378
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



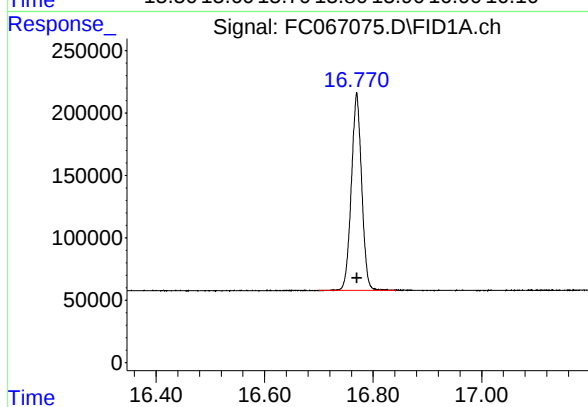
#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: 0.000 min
Response: 2165662
Conc: 20.00 ug/ml



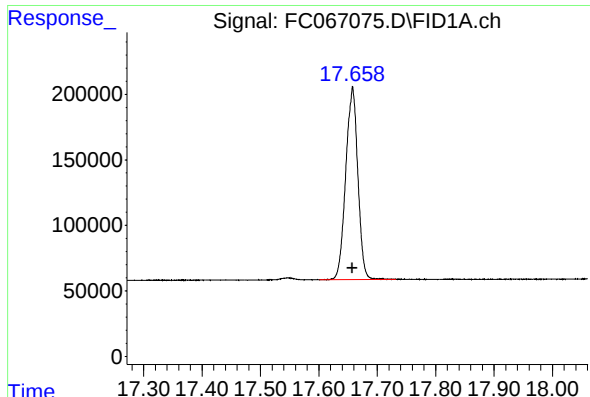
#15 n-Hexacosane (C26)

R.T.: 15.821 min
Delta R.T.: 0.000 min
Response: 2128845
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

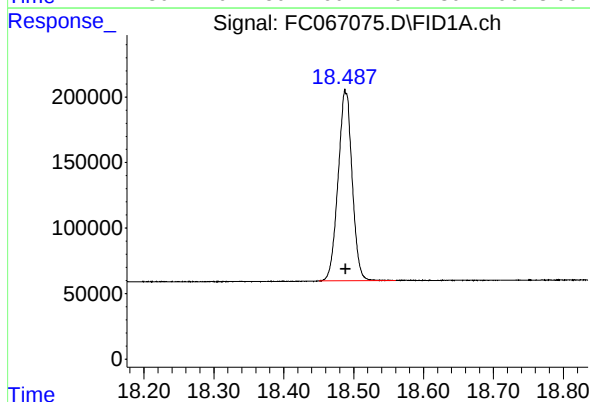
R.T.: 16.770 min
Delta R.T.: 0.000 min
Response: 2085395
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

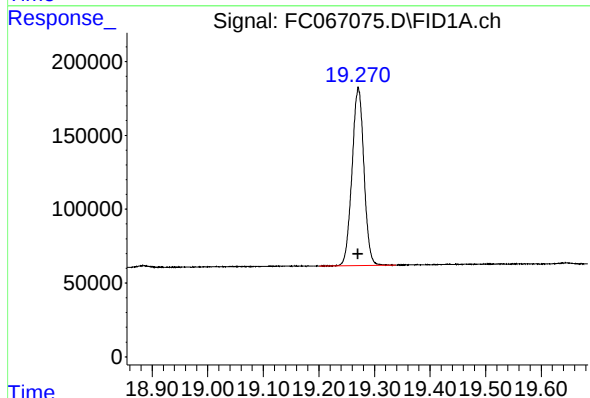
R.T.: 17.658 min
Delta R.T.: 0.000 min
Response: 2112411
Conc: 20.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD3



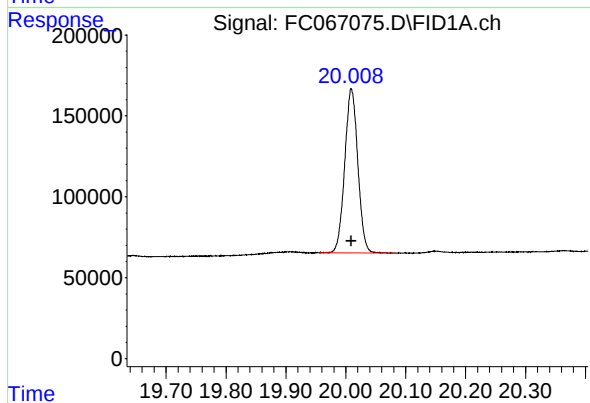
#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: 0.000 min
Response: 2025348
Conc: 20.00 ug/ml



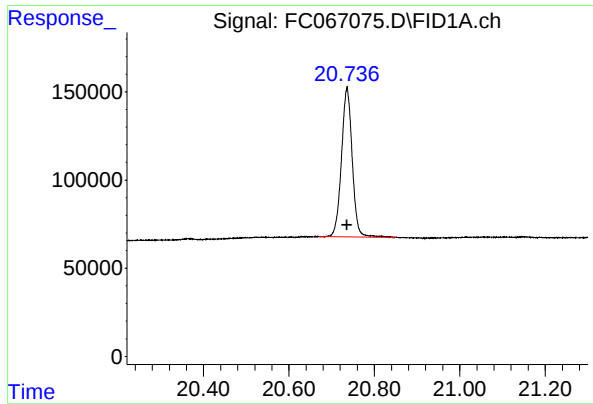
#19 n-Tetatriacontane (C34)

R.T.: 19.271 min
Delta R.T.: 0.000 min
Response: 1793460
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

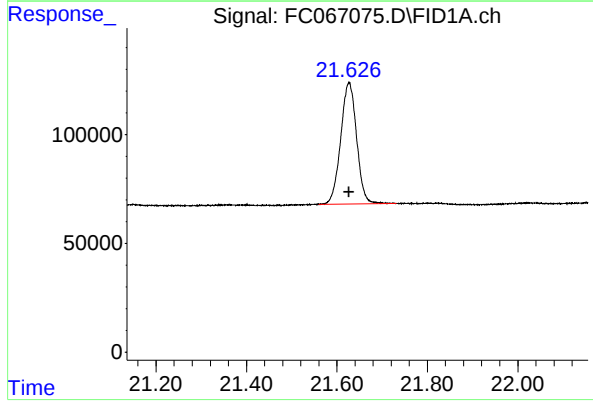
R.T.: 20.009 min
Delta R.T.: 0.000 min
Response: 1544239
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.736 min
Delta R.T.: 0.000 min
Response: 1476624
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.627 min
Delta R.T.: 0.000 min
Response: 1365040
Conc: 20.00 ug/ml