

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121024AL\
 Data File : FG014945.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 10:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Dec 10 11:20:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 11:20:07 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)	11.944	2833250	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.384	2052678	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.316	2569690	20.000 ug/ml
2) T n-Decane (C10)	4.567	2619724	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.271	2766668	20.000 ug/ml
4) T n-Dodecane (C12)	6.737	2640306	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.369	2619556	20.000 ug/ml
6) T n-Tetradecane (C14)	8.568	2606376	20.000 ug/ml
7) T n-Hexadecane (C16)	10.180	2662514	20.000 ug/ml
8) T n-Octadecane (C18)	11.626	2659967	20.000 ug/ml
10) T n-Eicosane (C20)	12.939	2514179	20.000 ug/ml
11) T n-Heneicosane (C21)	13.553	2457423	20.000 ug/ml
13) T n-Docosane (C22)	14.140	2424705	20.000 ug/ml
14) T n-Tetracosane (C24)	15.244	2375949	20.000 ug/ml
15) T n-Hexacosane (C26)	16.266	2296427	20.000 ug/ml
16) T n-Octacosane (C28)	17.216	2225035	20.000 ug/ml
17) T n-Tricontane (C30)	18.106	2235891	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.939	2139545	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.723	1873526	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.463	1622011	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.209	1534182	20.000 ug/ml
22) T n-Tetracontane (C40)	22.144	1444265	20.000 ug/ml

(f)=RT Delta > 1/2 Window

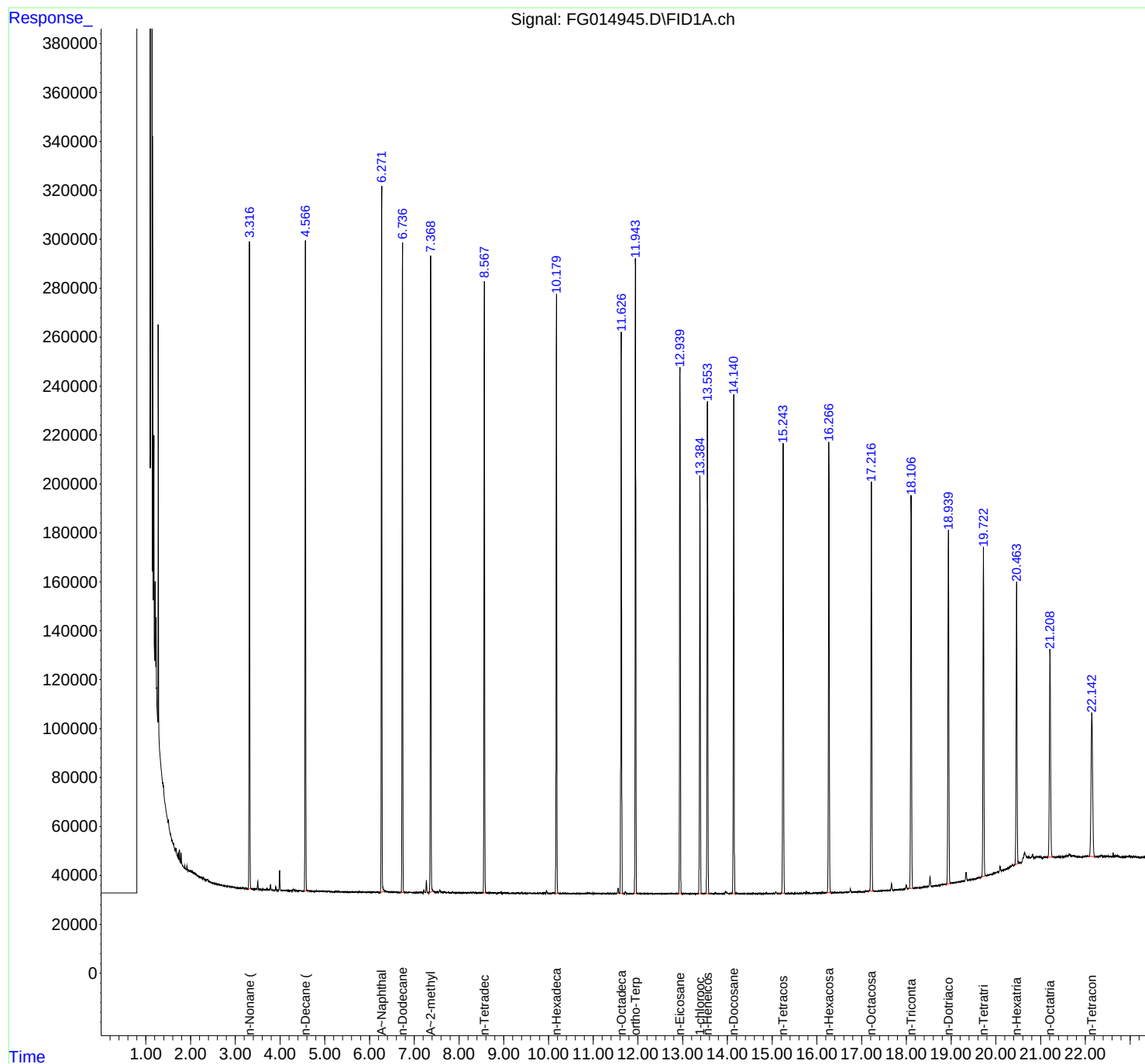
(m)=manual int.

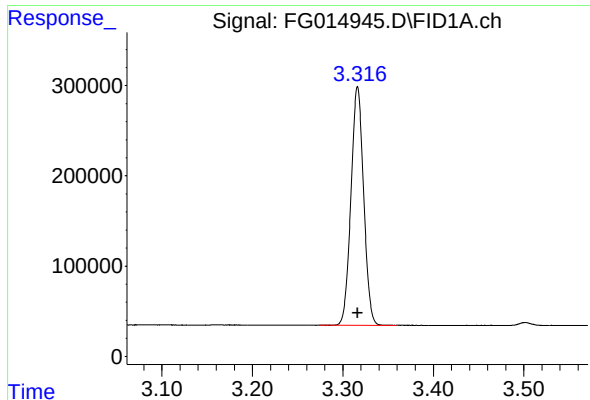
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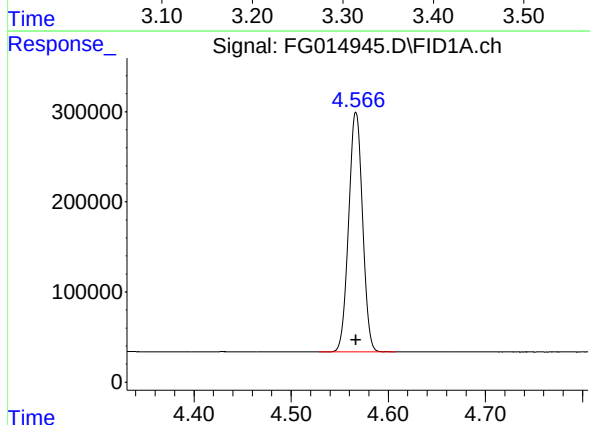




#1 n-Nonane (C9)

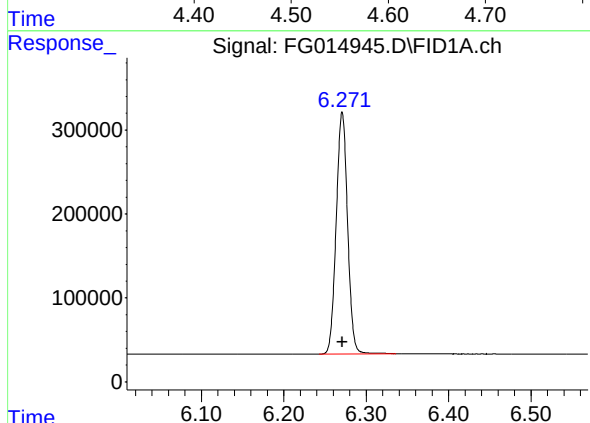
R.T.: 3.316 min
Delta R.T.: 0.000 min
Response: 2569690
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



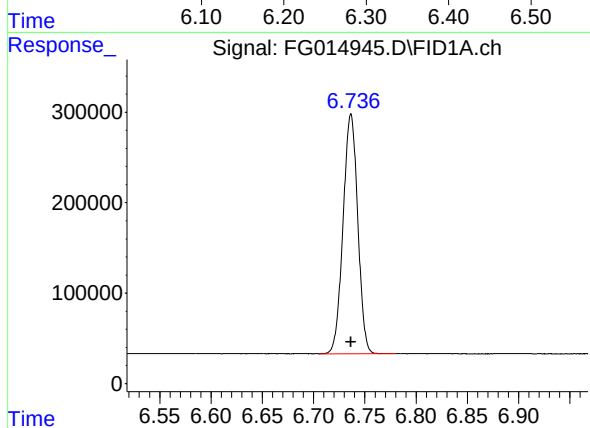
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 2619724
Conc: 20.00 ug/ml



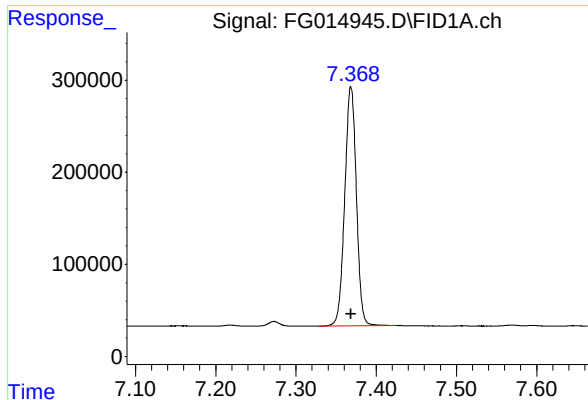
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 2766668
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

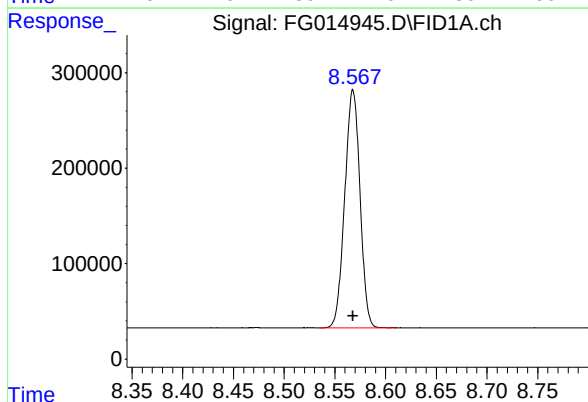
R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 2640306
Conc: 20.00 ug/ml



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

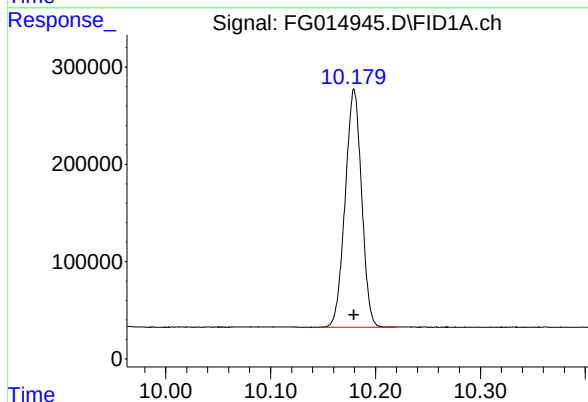
R.T.: 7.369 min
Delta R.T.: 0.000 min
Response: 2619556
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



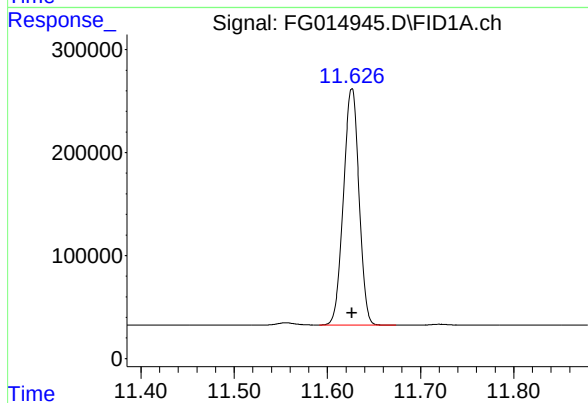
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 2606376
Conc: 20.00 ug/ml



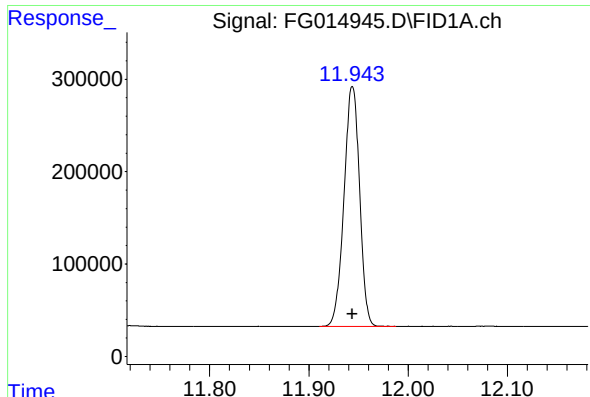
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: 0.000 min
Response: 2662514
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

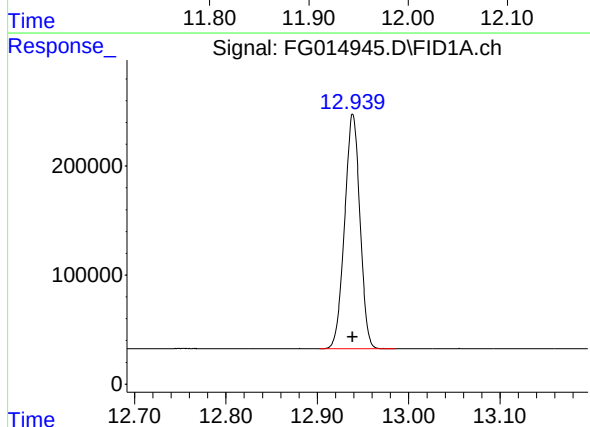
R.T.: 11.626 min
Delta R.T.: 0.000 min
Response: 2659967
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

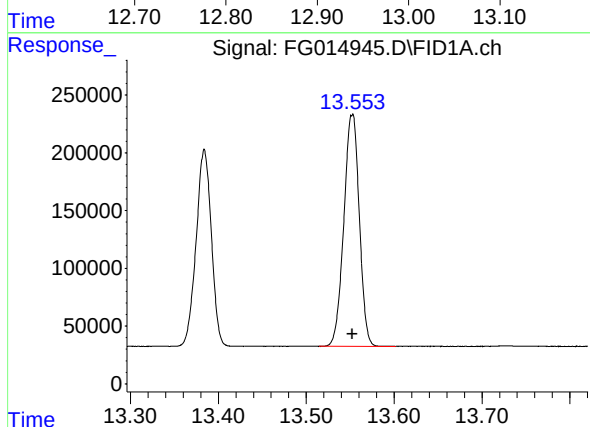
R.T.: 11.944 min
Delta R.T.: 0.000 min
Response: 2833250
Conc: 20.00 ug/ml

Instrument :
FID_G
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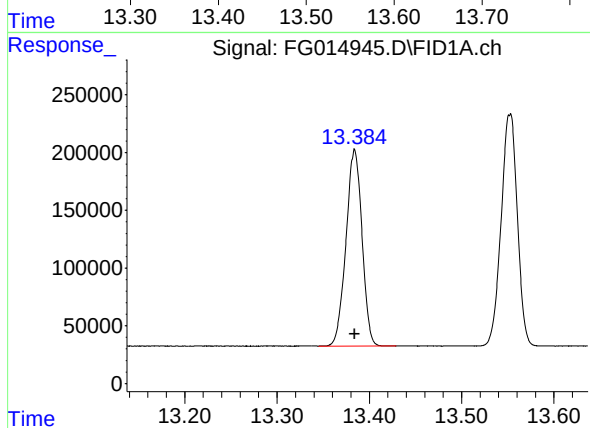
#10 n-Eicosane (C20)

R.T.: 12.939 min
Delta R.T.: 0.000 min
Response: 2514179
Conc: 20.00 ug/ml



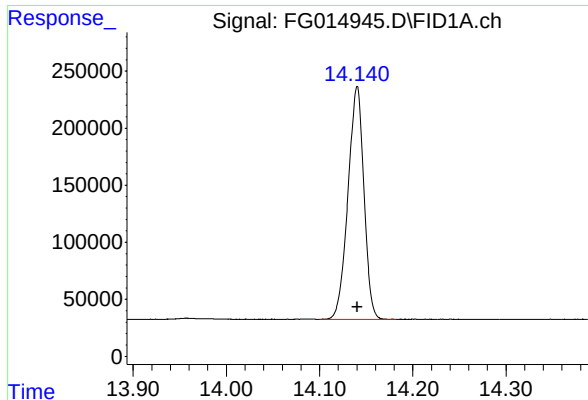
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: 0.000 min
Response: 2457423
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

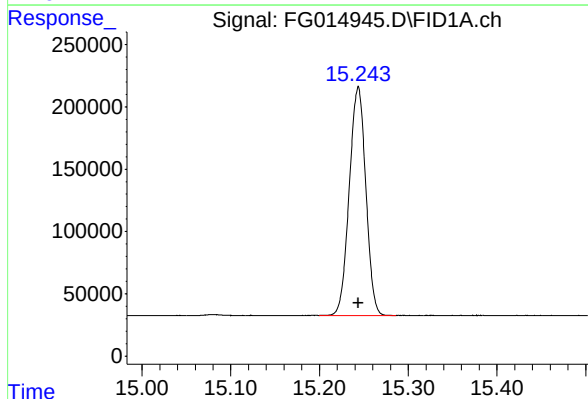
R.T.: 13.384 min
Delta R.T.: 0.000 min
Response: 2052678
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

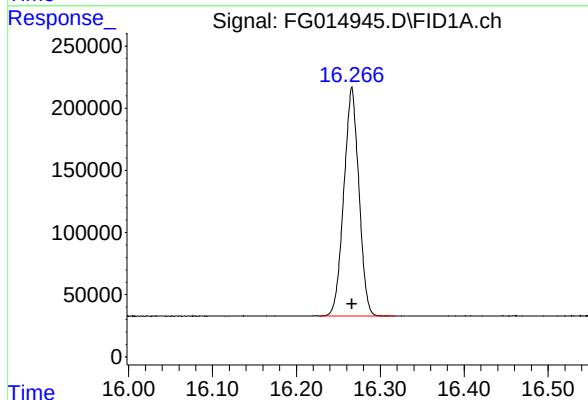
R.T.: 14.140 min
Delta R.T.: 0.000 min
Response: 2424705
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



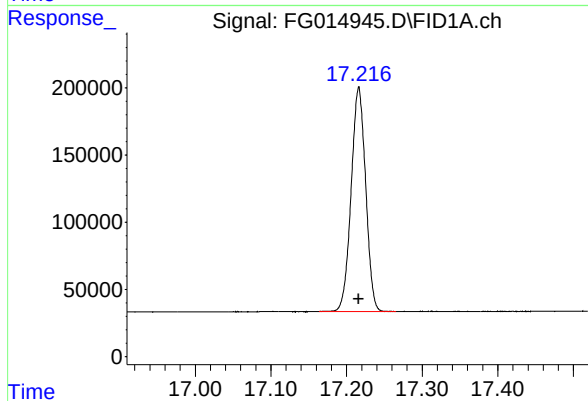
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: 0.000 min
Response: 2375949
Conc: 20.00 ug/ml



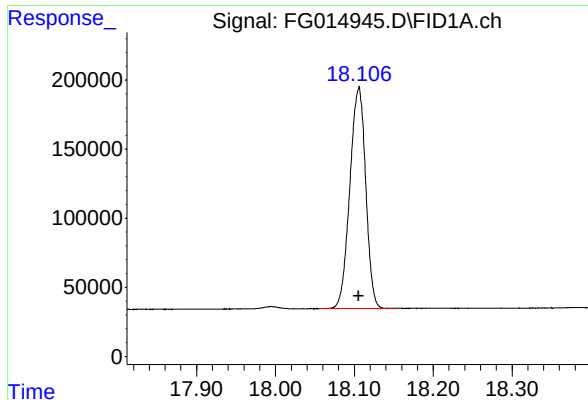
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: 0.000 min
Response: 2296427
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

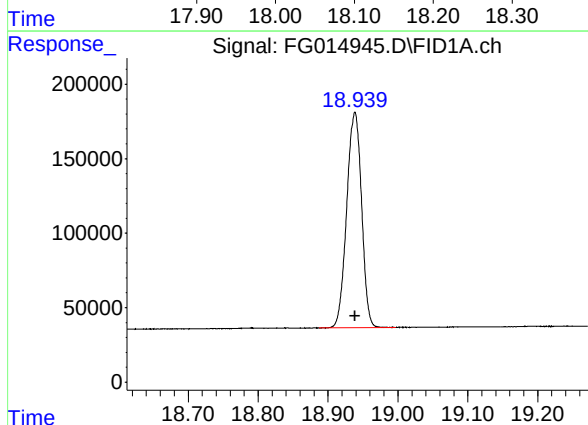
R.T.: 17.216 min
Delta R.T.: 0.000 min
Response: 2225035
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

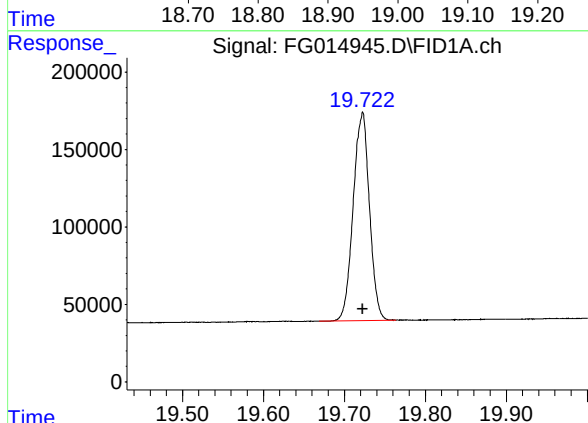
R.T.: 18.106 min
Delta R.T.: 0.000 min
Response: 2235891
Conc: 20.00 ug/ml

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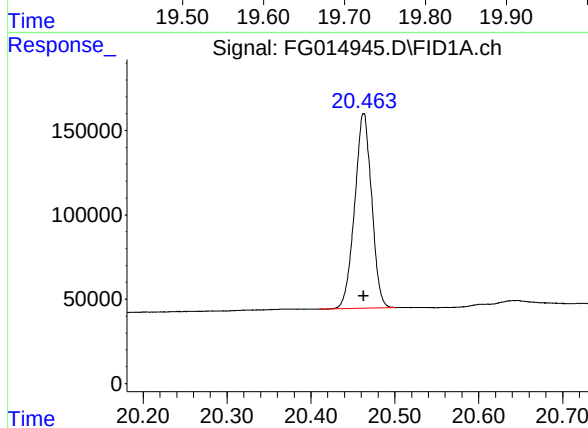
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: 0.000 min
Response: 2139545
Conc: 20.00 ug/ml



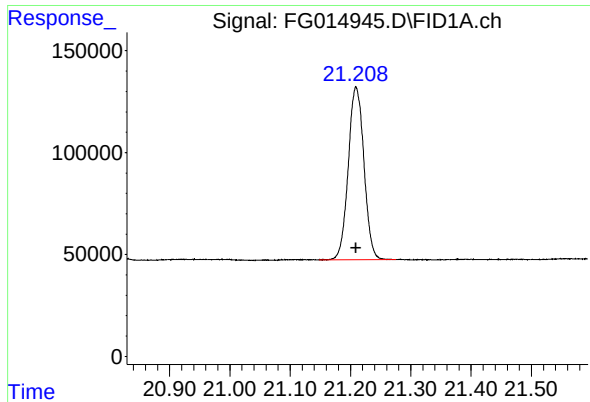
#19 n-Tetratriacontane (C34)

R.T.: 19.723 min
Delta R.T.: 0.000 min
Response: 1873526
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

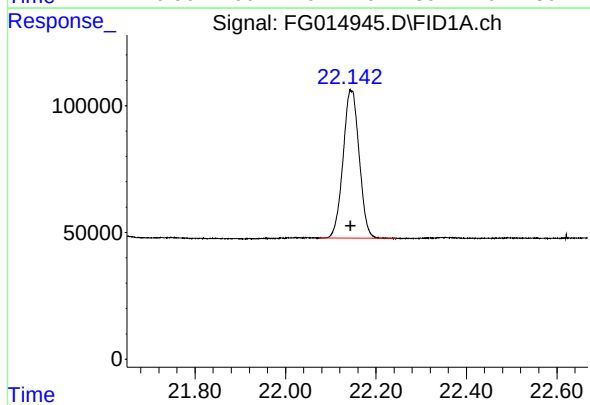
R.T.: 20.463 min
Delta R.T.: 0.000 min
Response: 1622011
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: 0.000 min
Response: 1534182
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.144 min
Delta R.T.: 0.000 min
Response: 1444265
Conc: 20.00 ug/ml