

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102224AL\
 Data File : FC067497.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 08:30
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 23 11:06:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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)	11.496	2591904	17.034 ug/ml
Spiked Amount 50.000		Recovery =	34.07%
12) S 1-chlorooctadecane (S...	12.935	1924189	16.999 ug/ml
Spiked Amount 50.000		Recovery =	34.00%
Target Compounds			
1) T n-Nonane (C9)	3.274	2320831	18.309 ug/ml
2) T n-Decane (C10)	4.339	2399146	18.664 ug/ml
3) T A~Naphthalene (C11.7)	5.917	2612095	18.414 ug/ml
4) T n-Dodecane (C12)	6.355	2400368	18.498 ug/ml
5) T A~2-methylnaphthalene...	6.972	2502088	18.238 ug/ml
6) T n-Tetradecane (C14)	8.147	2339988	18.168 ug/ml
7) T n-Hexadecane (C16)	9.745	2367466	17.785 ug/ml
8) T n-Octadecane (C18)	11.185	2368684	17.468 ug/ml
10) T n-Eicosane (C20)	12.492	2260374	17.312 ug/ml
11) T n-Heneicosane (C21)	13.103	2203518	17.181 ug/ml
13) T n-Docosane (C22)	13.689	2222141	17.403 ug/ml
14) T n-Tetracosane (C24)	14.789	2284137	17.860 ug/ml
15) T n-Hexacosane (C26)	15.808	2303813	18.272 ug/ml
16) T n-Octacosane (C28)	16.757	2373156	18.890 ug/ml
17) T n-Tricontane (C30)	17.643	2507932	19.468 ug/ml
18) T n-Dotriacontane (C32)	18.475	2575666	20.617 ug/ml
19) T n-Tetratriacontane (C34)	19.256	2157404	19.742 ug/ml
20) T n-Hexatriacontane (C36)	19.995	1810308	19.153 ug/ml
21) T n-Octatriacontane (C38)	20.718	1660764	18.937 ug/ml
22) T n-Tetracontane (C40)	21.604	1605263	18.655 ug/ml

(f)=RT Delta > 1/2 Window

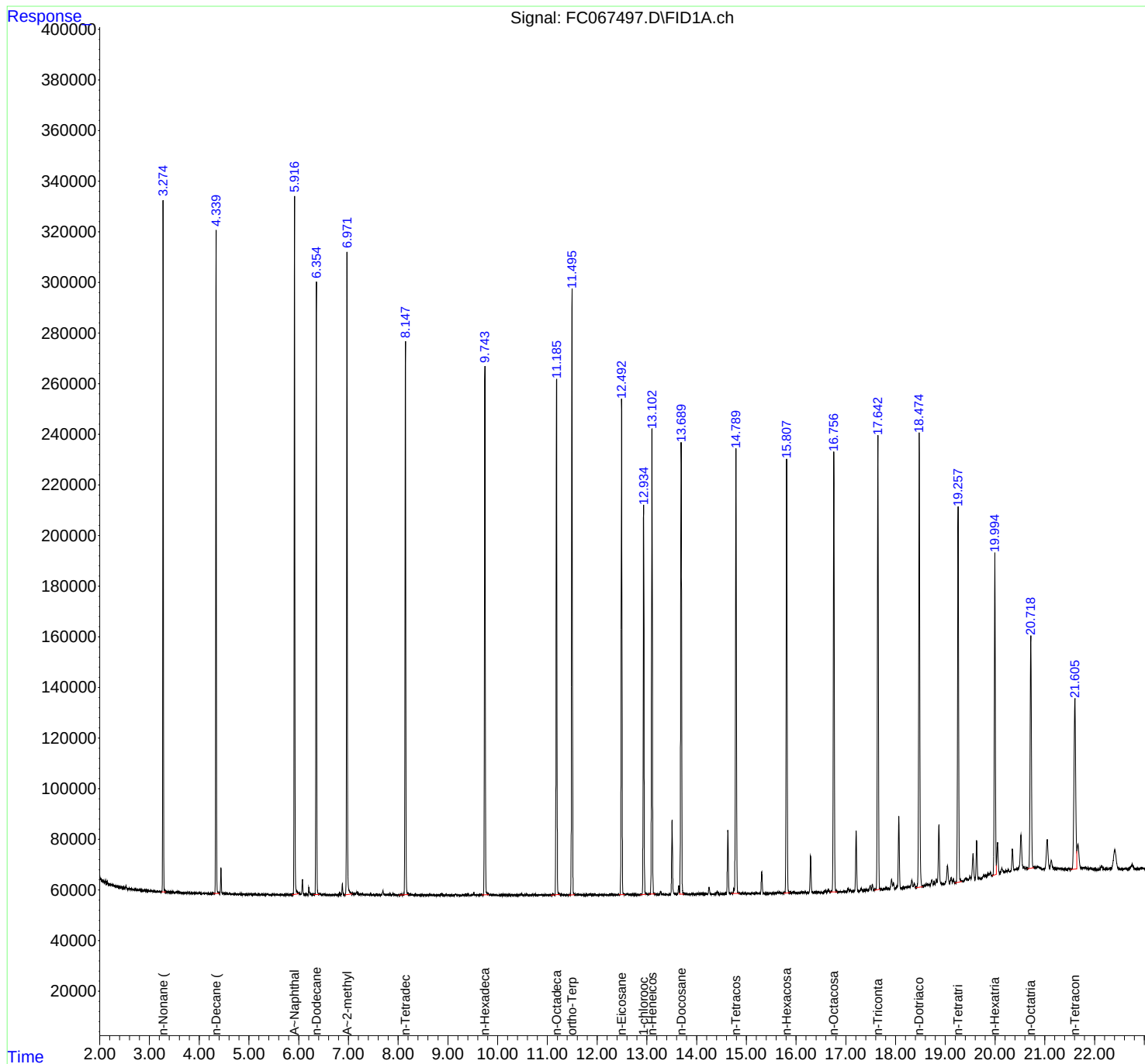
(m)=manual int.

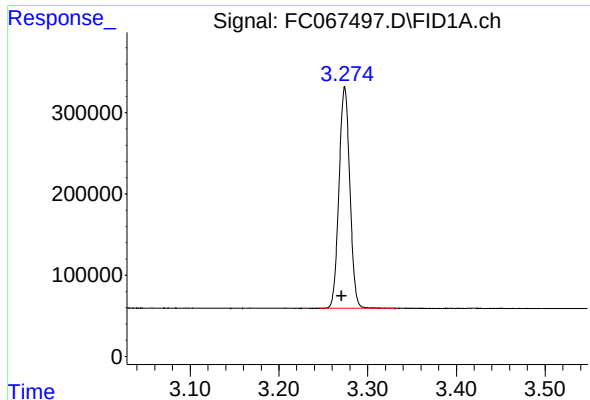
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102224AL\
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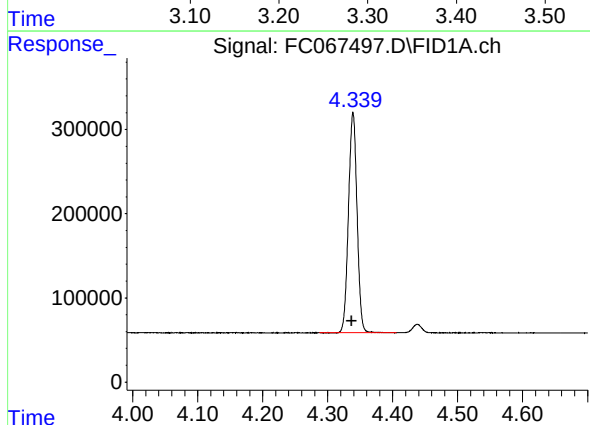




#1 n-Nonane (C9)

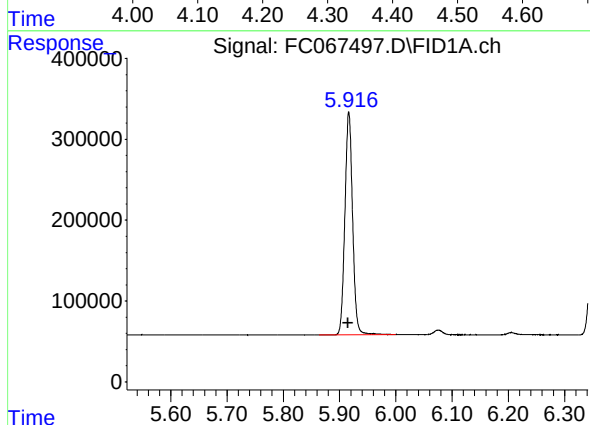
R.T.: 3.274 min
Delta R.T.: 0.003 min
Response: 2320831
Conc: 18.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



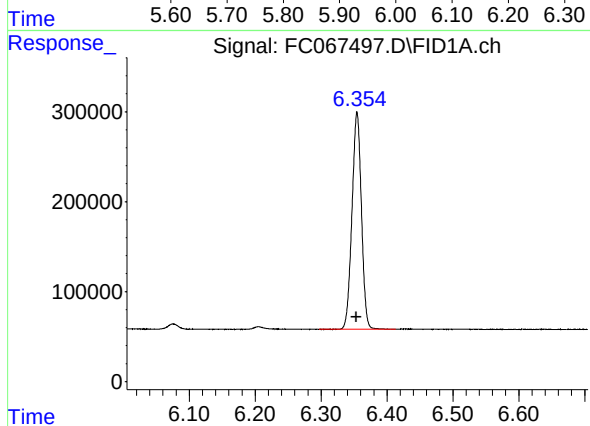
#2 n-Decane (C10)

R.T.: 4.339 min
Delta R.T.: 0.002 min
Response: 2399146
Conc: 18.66 ug/ml



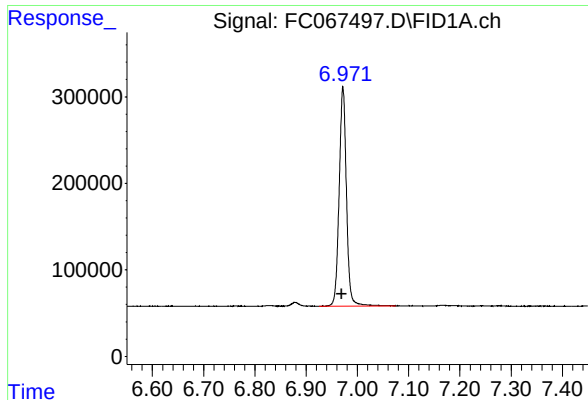
#3 A~Naphthalene (C11.7)

R.T.: 5.917 min
Delta R.T.: 0.002 min
Response: 2612095
Conc: 18.41 ug/ml



#4 n-Dodecane (C12)

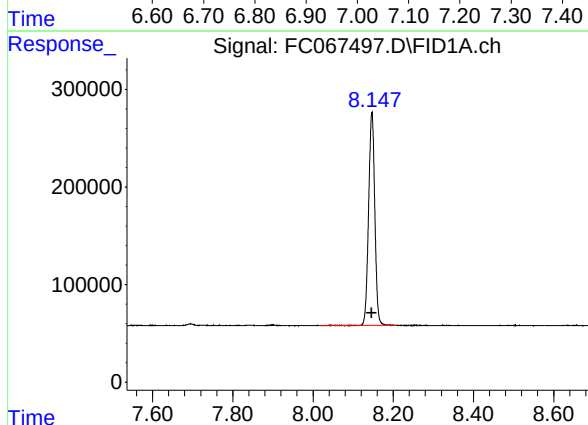
R.T.: 6.355 min
Delta R.T.: 0.001 min
Response: 2400368
Conc: 18.50 ug/ml



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

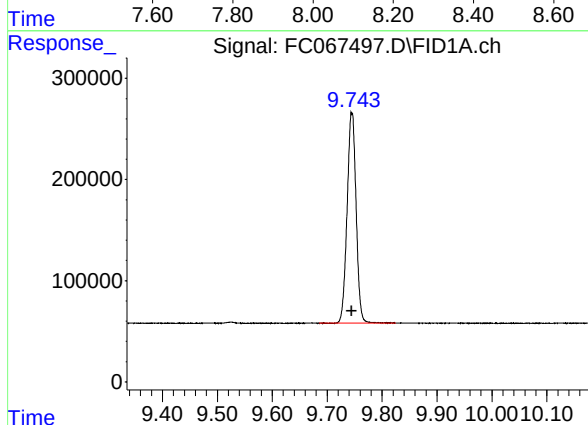
R.T.: 6.972 min
Delta R.T.: 0.002 min
Response: 2502088
Conc: 18.24 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



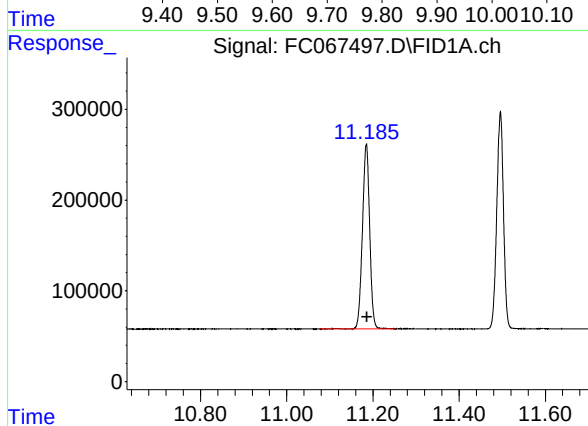
#6 n-Tetradecane (C14)

R.T.: 8.147 min
Delta R.T.: 0.000 min
Response: 2339988
Conc: 18.17 ug/ml



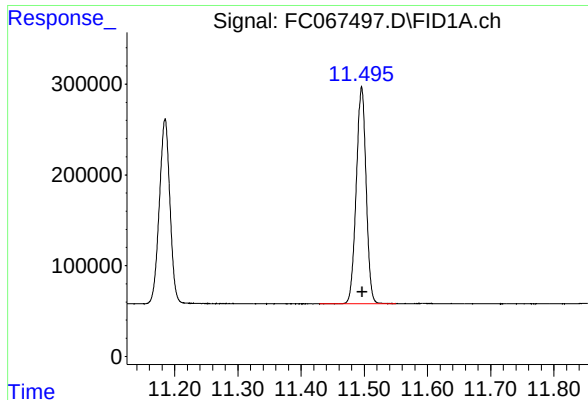
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.000 min
Response: 2367466
Conc: 17.78 ug/ml



#8 n-Octadecane (C18)

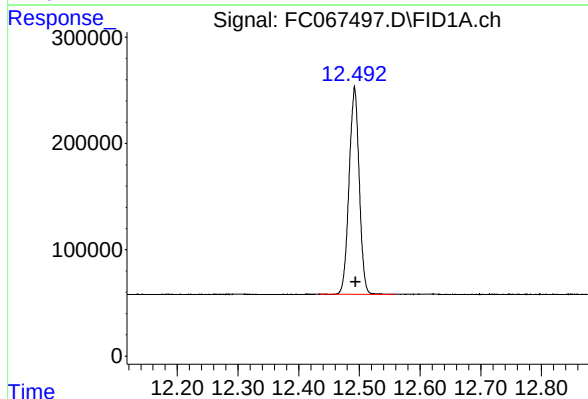
R.T.: 11.185 min
Delta R.T.: -0.002 min
Response: 2368684
Conc: 17.47 ug/ml



#9 ortho-Terphenyl (SURR)

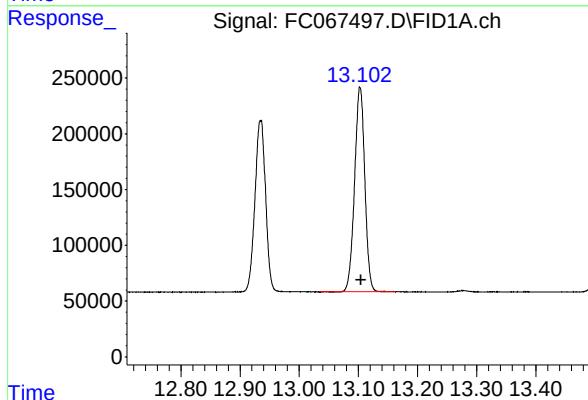
R.T.: 11.496 min
Delta R.T.: -0.001 min
Response: 2591904
Conc: 17.03 ug/ml

Instrument :
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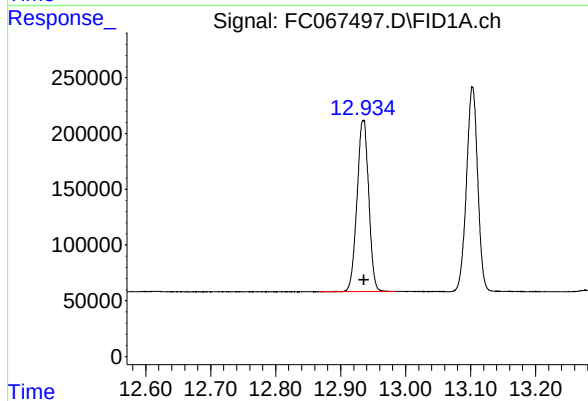
#10 n-Eicosane (C20)

R.T.: 12.492 min
Delta R.T.: -0.001 min
Response: 2260374
Conc: 17.31 ug/ml



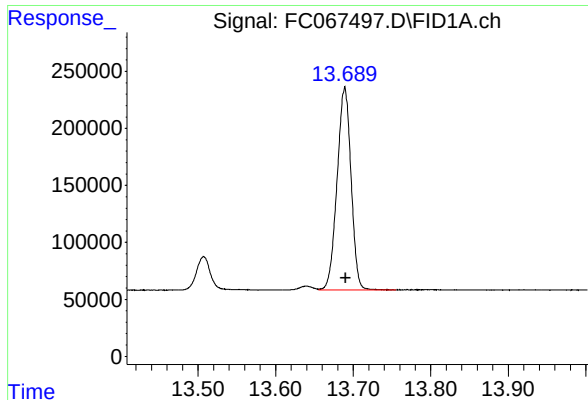
#11 n-Heneicosane (C21)

R.T.: 13.103 min
Delta R.T.: -0.002 min
Response: 2203518
Conc: 17.18 ug/ml



#12 1-chlorooctadecane (SURR)

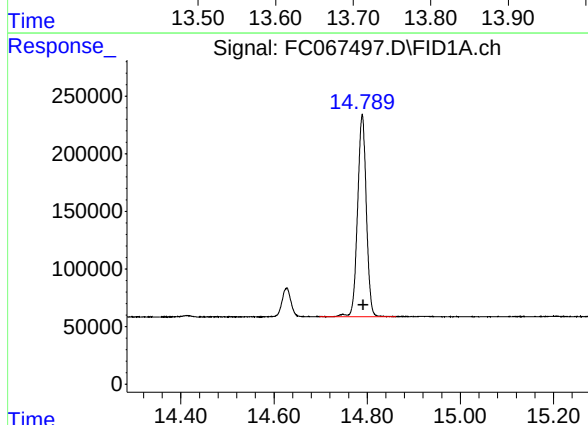
R.T.: 12.935 min
Delta R.T.: -0.001 min
Response: 1924189
Conc: 17.00 ug/ml



#13 n-Docosane (C22)

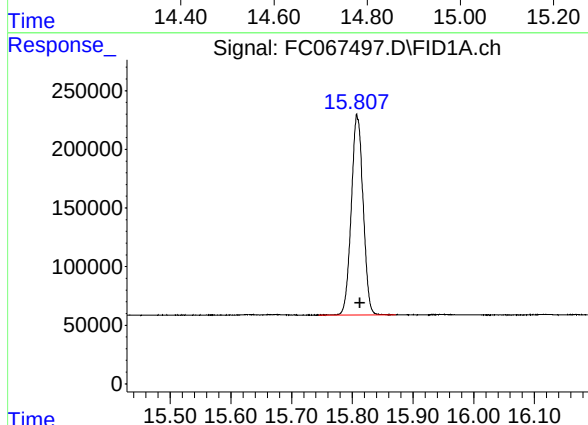
R.T.: 13.689 min
Delta R.T.: -0.001 min
Response: 2222141
Conc: 17.40 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



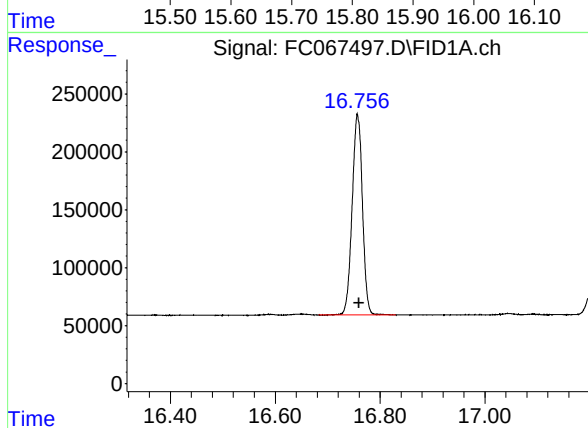
#14 n-Tetracosane (C24)

R.T.: 14.789 min
Delta R.T.: -0.003 min
Response: 2284137
Conc: 17.86 ug/ml



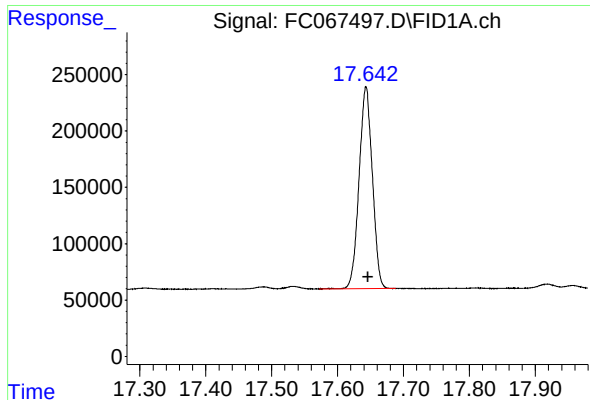
#15 n-Hexacosane (C26)

R.T.: 15.808 min
Delta R.T.: -0.004 min
Response: 2303813
Conc: 18.27 ug/ml



#16 n-Octacosane (C28)

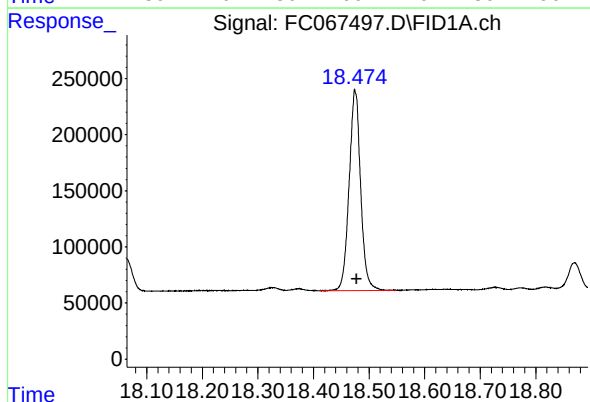
R.T.: 16.757 min
Delta R.T.: -0.003 min
Response: 2373156
Conc: 18.89 ug/ml



#17 n-Tricontane (C30)

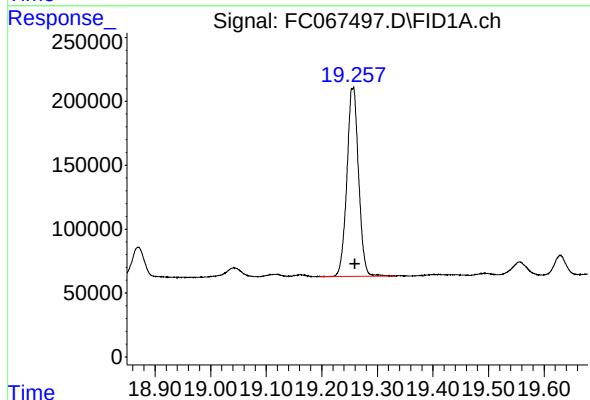
R.T.: 17.643 min
Delta R.T.: -0.003 min
Response: 2507932
Conc: 19.47 ug/ml

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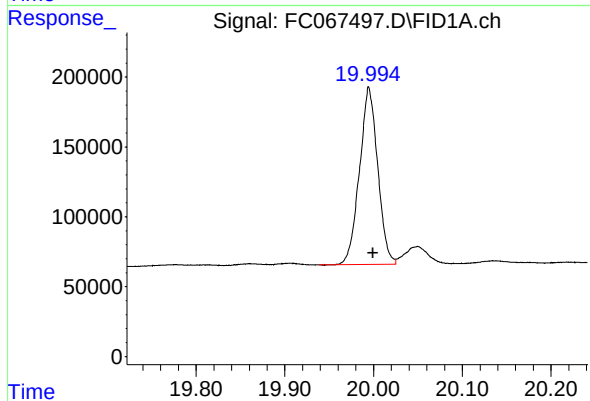
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: -0.002 min
Response: 2575666
Conc: 20.62 ug/ml



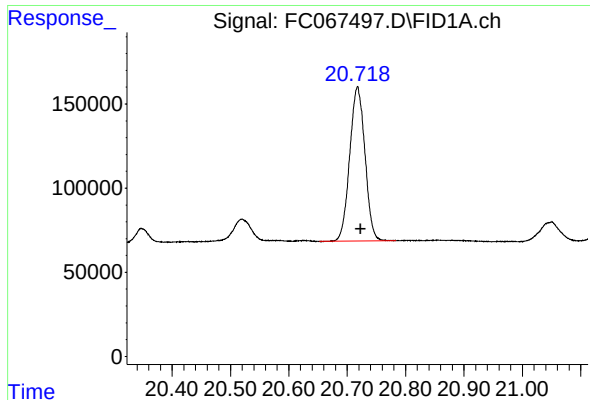
#19 n-Tetatriacontane (C34)

R.T.: 19.256 min
Delta R.T.: -0.004 min
Response: 2157404
Conc: 19.74 ug/ml



#20 n-Hexatriacontane (C36)

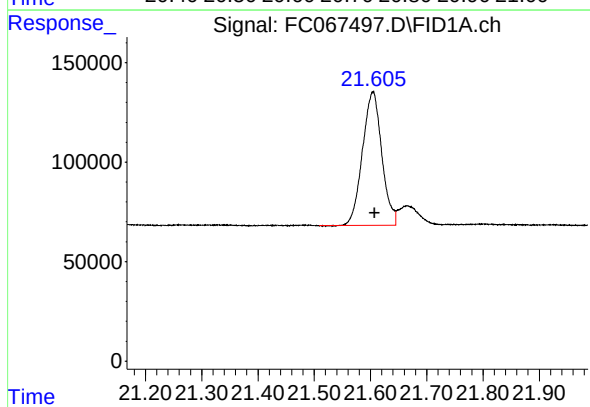
R.T.: 19.995 min
Delta R.T.: -0.004 min
Response: 1810308
Conc: 19.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.718 min
Delta R.T.: -0.005 min
Response: 1660764
Conc: 18.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.604 min
Delta R.T.: -0.003 min
Response: 1605263
Conc: 18.66 ug/ml