

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061625AL\
 Data File : FG0616102.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jun 2025 16:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 17 09:04:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:52:22 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)	12.092	2585509	20.039 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
12) S 1-chlorooctadecane (S...	13.535	2007267	19.920 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
Target Compounds			
1) T n-Nonane (C9)	3.419	2147034	19.844 ug/ml
2) T n-Decane (C10)	4.679	2188385	19.950 ug/ml
3) T A~Naphthalene (C11.7)	6.395	2393914	20.036 ug/ml
4) T n-Dodecane (C12)	6.857	2203961	20.016 ug/ml
5) T A~2-methylnaphthalene...	7.497	2337008	20.093 ug/ml
6) T n-Tetradecane (C14)	8.697	2190979	19.951 ug/ml
7) T n-Hexadecane (C16)	10.315	2273780	19.975 ug/ml
8) T n-Octadecane (C18)	11.768	2320810	19.936 ug/ml
10) T n-Eicosane (C20)	13.086	2269815	19.944 ug/ml
11) T n-Heneicosane (C21)	13.702	2255480	19.923 ug/ml
13) T n-Docosane (C22)	14.294	2265680	19.930 ug/ml
14) T n-Tetracosane (C24)	15.402	2297595	19.925 ug/ml
15) T n-Hexacosane (C26)	16.430	2296500	19.956 ug/ml
16) T n-Octacosane (C28)	17.386	2264884	19.957 ug/ml
17) T n-Tricontane (C30)	18.278	2300155	20.090 ug/ml
18) T n-Dotriacontane (C32)	19.115	2197781	20.158 ug/ml
19) T n-Tetratriacontane (C34)	19.902	1991126	20.126 ug/ml
20) T n-Hexatriacontane (C36)	20.643	1710420	20.151 ug/ml
21) T n-Octatriacontane (C38)	21.433	1523659	20.183 ug/ml
22) T n-Tetracontane (C40)	22.437	1403288	20.294 ug/ml

(f)=RT Delta > 1/2 Window

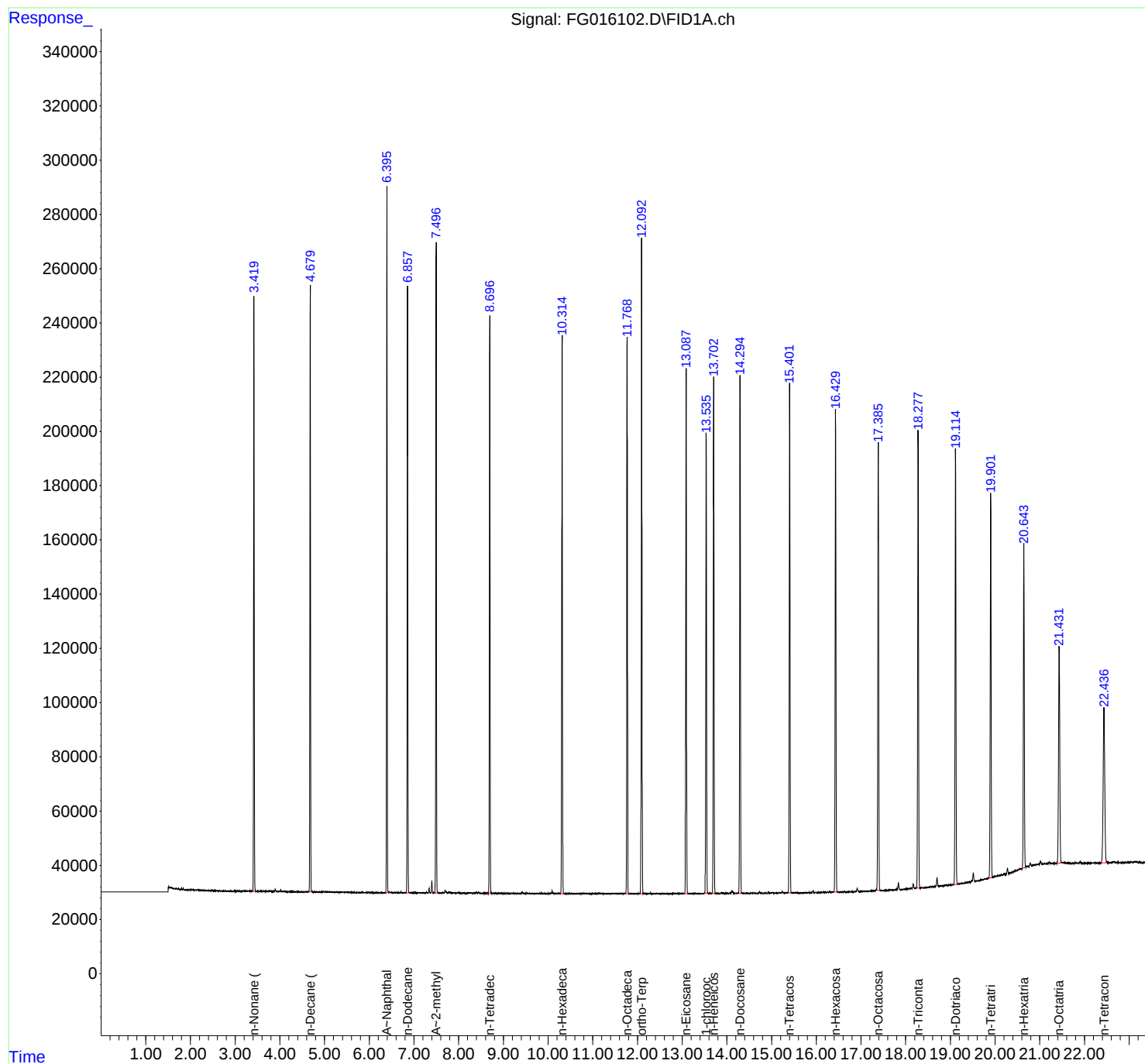
(m)=manual int.

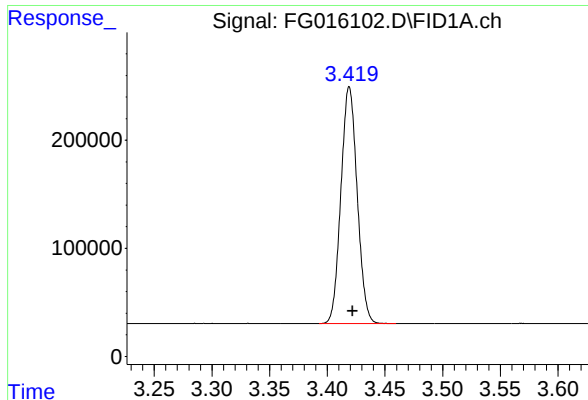
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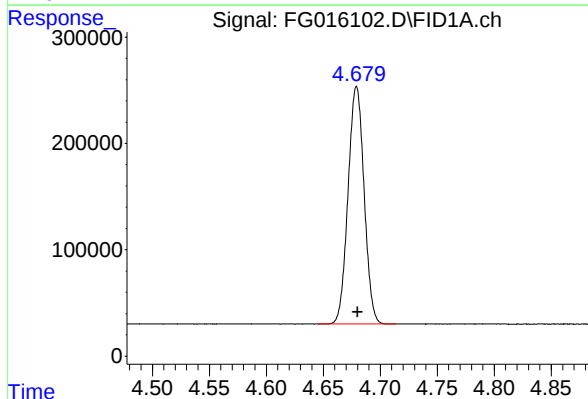




#1 n-Nonane (C9)

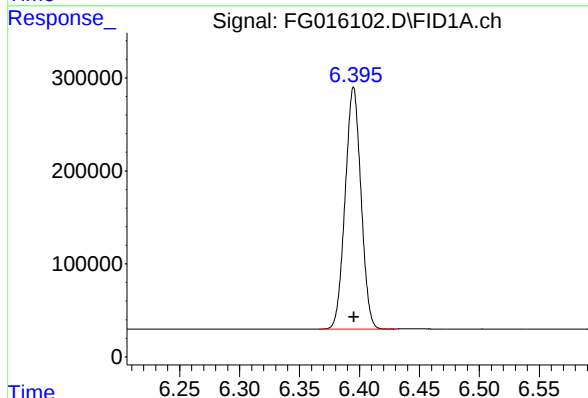
R.T.: 3.419 min
Delta R.T.: -0.003 min
Response: 2147034
Conc: 19.84 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



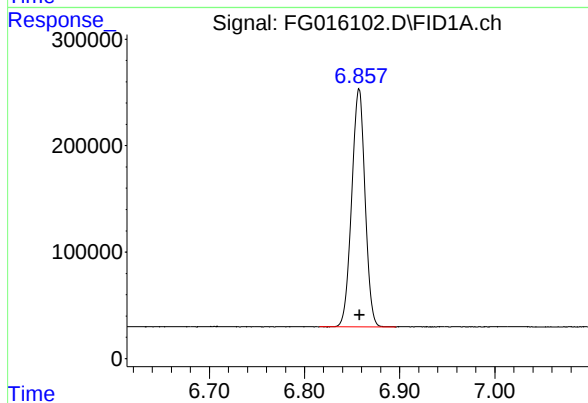
#2 n-Decane (C10)

R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 2188385
Conc: 19.95 ug/ml



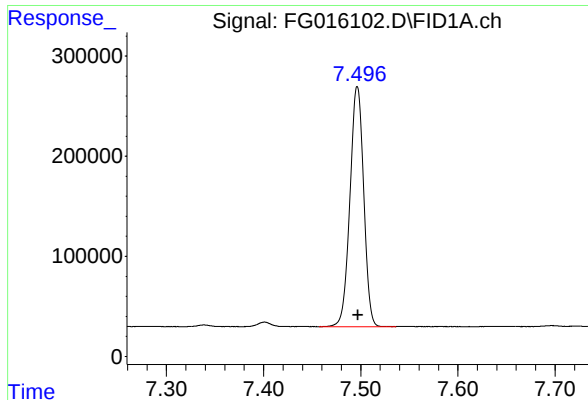
#3 A~Naphthalene (C11.7)

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 2393914
Conc: 20.04 ug/ml



#4 n-Dodecane (C12)

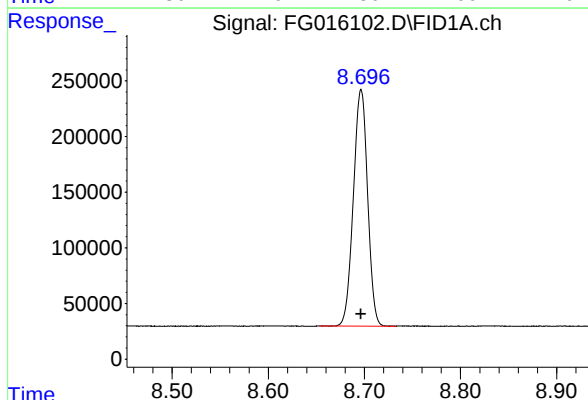
R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 2203961
Conc: 20.02 ug/ml



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

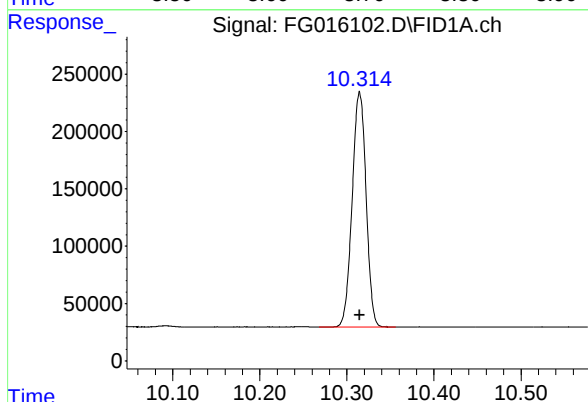
R.T.: 7.497 min
Delta R.T.: 0.000 min
Response: 2337008
Conc: 20.09 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



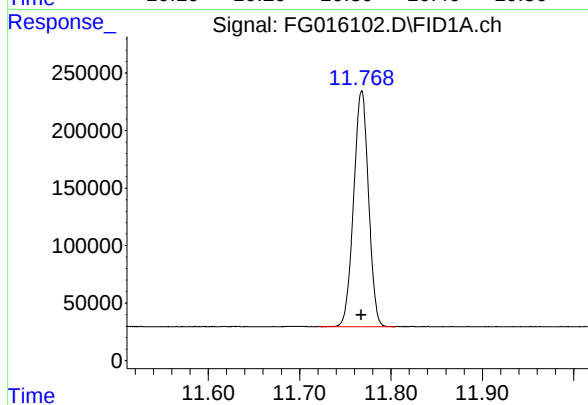
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.000 min
Response: 2190979
Conc: 19.95 ug/ml



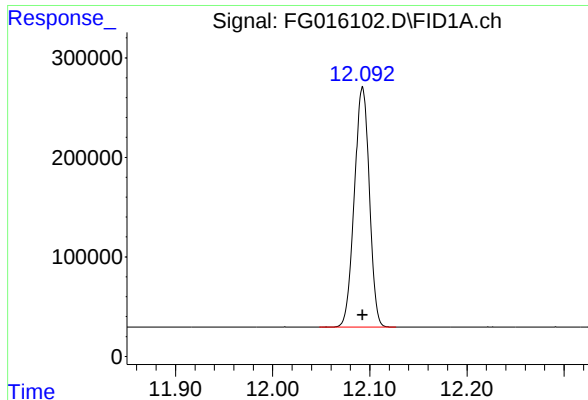
#7 n-Hexadecane (C16)

R.T.: 10.315 min
Delta R.T.: 0.000 min
Response: 2273780
Conc: 19.98 ug/ml



#8 n-Octadecane (C18)

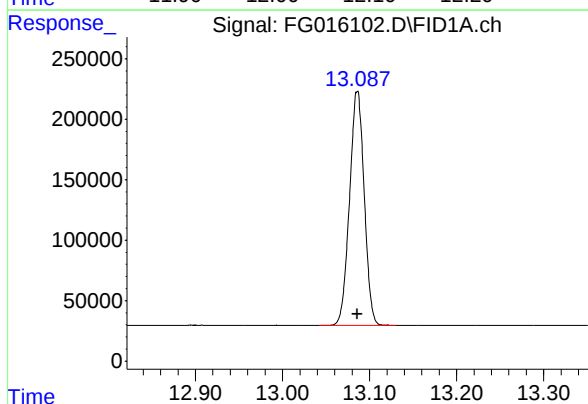
R.T.: 11.768 min
Delta R.T.: 0.000 min
Response: 2320810
Conc: 19.94 ug/ml



#9 ortho-Terphenyl (SURR)

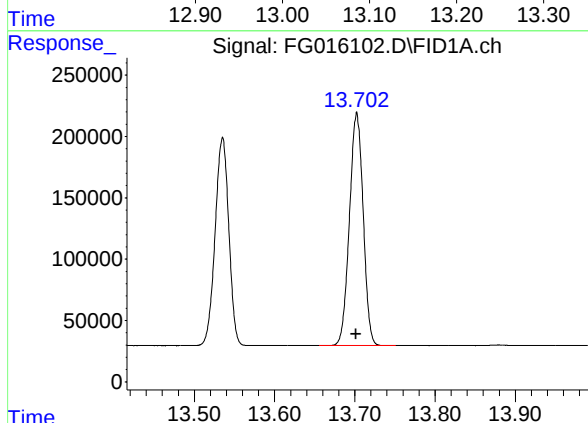
R.T.: 12.092 min
Delta R.T.: 0.000 min
Response: 2585509
Conc: 20.04 ug/ml

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FID_G
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20 PPM ALIPHATIC HC STD



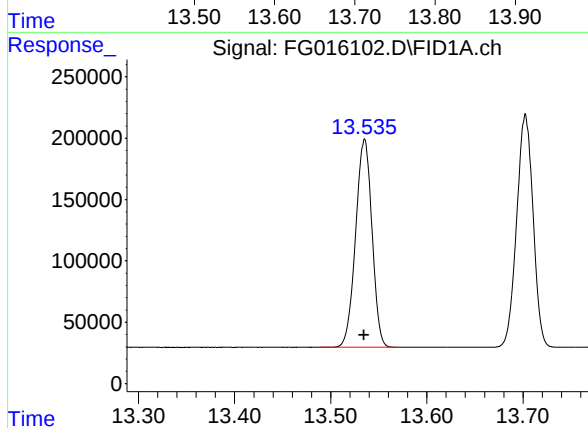
#10 n-Eicosane (C20)

R.T.: 13.086 min
Delta R.T.: 0.000 min
Response: 2269815
Conc: 19.94 ug/ml



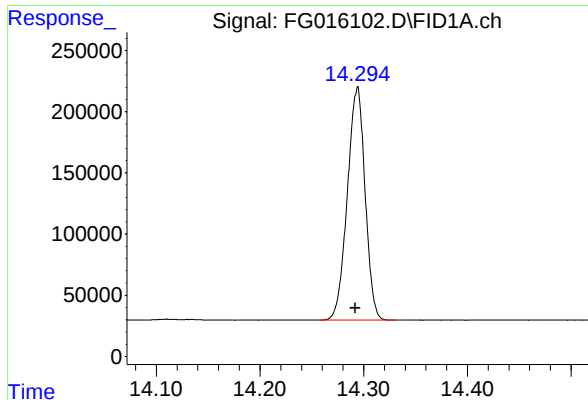
#11 n-Heneicosane (C21)

R.T.: 13.702 min
Delta R.T.: 0.000 min
Response: 2255480
Conc: 19.92 ug/ml



#12 1-chlorooctadecane (SURR)

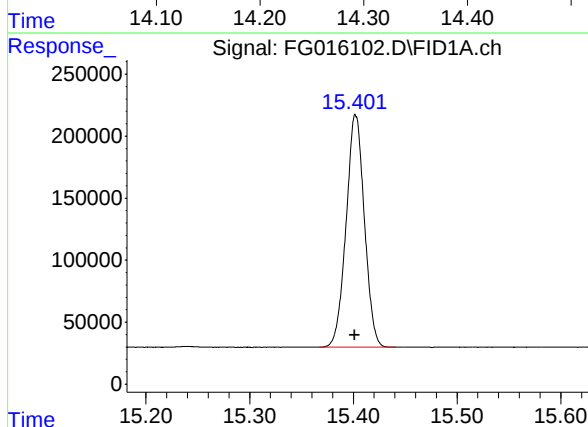
R.T.: 13.535 min
Delta R.T.: 0.000 min
Response: 2007267
Conc: 19.92 ug/ml



#13 n-Docosane (C22)

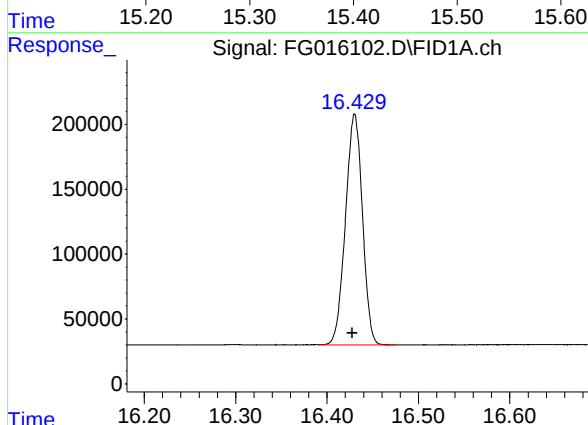
R.T.: 14.294 min
Delta R.T.: 0.002 min
Response: 2265680
Conc: 19.93 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



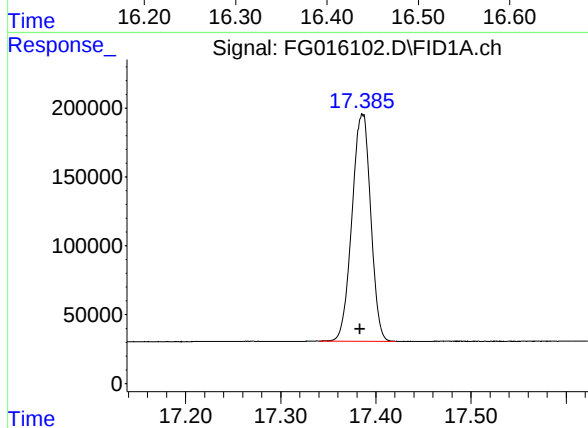
#14 n-Tetracosane (C24)

R.T.: 15.402 min
Delta R.T.: 0.000 min
Response: 2297595
Conc: 19.93 ug/ml



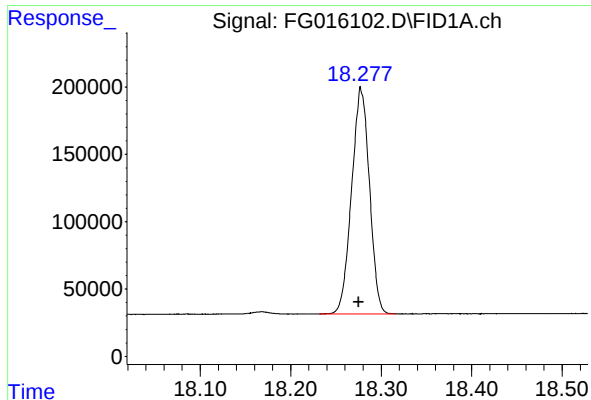
#15 n-Hexacosane (C26)

R.T.: 16.430 min
Delta R.T.: 0.002 min
Response: 2296500
Conc: 19.96 ug/ml



#16 n-Octacosane (C28)

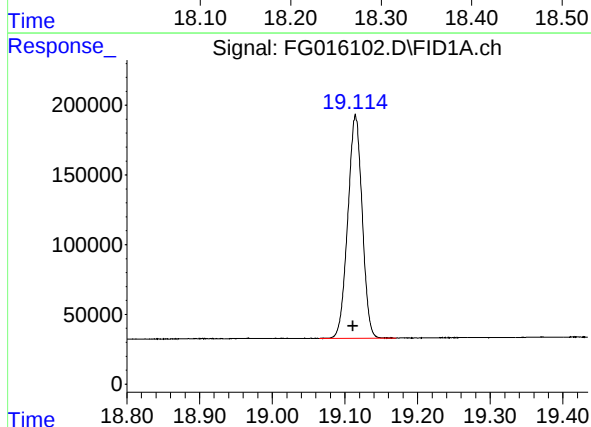
R.T.: 17.386 min
Delta R.T.: 0.003 min
Response: 2264884
Conc: 19.96 ug/ml



#17 n-Tricontane (C30)

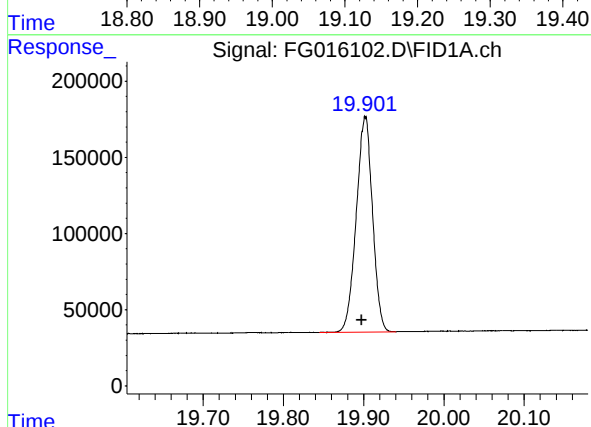
R.T.: 18.278 min
Delta R.T.: 0.003 min
Response: 2300155
Conc: 20.09 ug/ml

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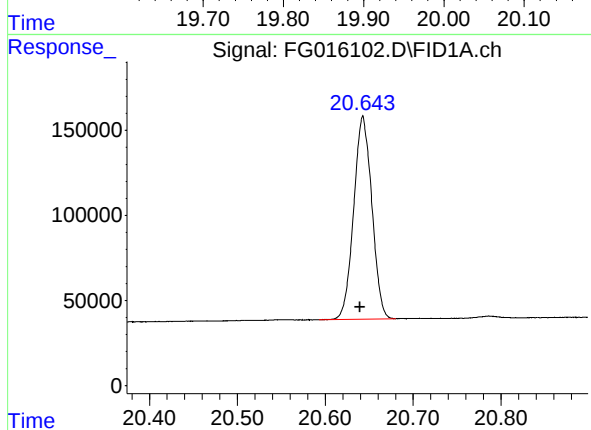
#18 n-Dotriacontane (C32)

R.T.: 19.115 min
Delta R.T.: 0.003 min
Response: 2197781
Conc: 20.16 ug/ml



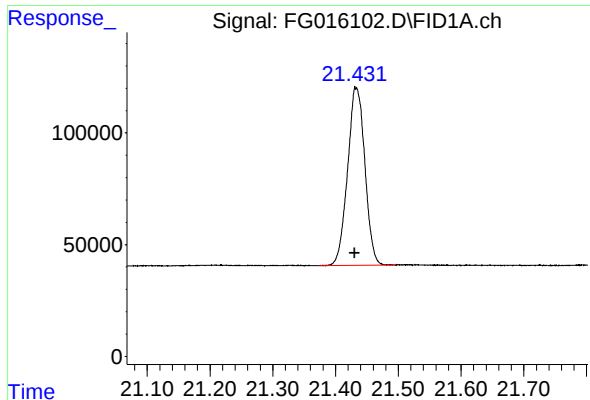
#19 n-Tetratriacontane (C34)

R.T.: 19.902 min
Delta R.T.: 0.005 min
Response: 1991126
Conc: 20.13 ug/ml



#20 n-Hexatriacontane (C36)

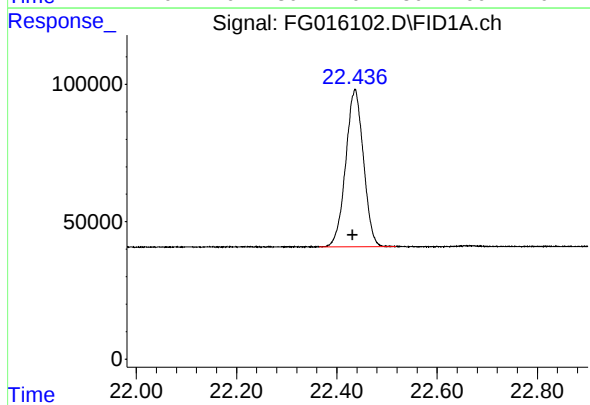
R.T.: 20.643 min
Delta R.T.: 0.003 min
Response: 1710420
Conc: 20.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.433 min
Delta R.T.: 0.002 min
Response: 1523659
Conc: 20.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.437 min
Delta R.T.: 0.005 min
Response: 1403288
Conc: 20.29 ug/ml