

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040925AL\
 Data File : FC068522.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2025 19:18
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 09 01:59:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.719	2540149	19.948 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
12) S 1-chlorooctadecane (S...	13.152	1862341	20.048 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
Target Compounds			
1) T n-Nonane (C9)	3.450	2081973	19.767 ug/ml
2) T n-Decane (C10)	4.525	2082929	19.770 ug/ml
3) T A~Naphthalene (C11.7)	6.123	2303853	19.782 ug/ml
4) T n-Dodecane (C12)	6.551	2082193	19.800 ug/ml
5) T A~2-methylnaphthalene...	7.181	2294880	19.870 ug/ml
6) T n-Tetradecane (C14)	8.348	2041082	19.854 ug/ml
7) T n-Hexadecane (C16)	9.951	2023893	19.873 ug/ml
8) T n-Octadecane (C18)	11.395	2005288	19.927 ug/ml
10) T n-Eicosane (C20)	12.706	1971679	20.046 ug/ml
11) T n-Heneicosane (C21)	13.318	1956101	20.071 ug/ml
13) T n-Docosane (C22)	13.905	1940381	20.088 ug/ml
14) T n-Tetracosane (C24)	15.009	1921630	20.189 ug/ml
15) T n-Hexacosane (C26)	16.031	1891538	20.251 ug/ml
16) T n-Octacosane (C28)	16.984	1851999	20.228 ug/ml
17) T n-Tricontane (C30)	17.871	1863712	20.273 ug/ml
18) T n-Dotriacontane (C32)	18.706	1849187	20.159 ug/ml
19) T n-Tetratriacontane (C34)	19.492	1792981	20.069 ug/ml
20) T n-Hexatriacontane (C36)	20.231	1793060	20.017 ug/ml
21) T n-Octatriacontane (C38)	21.009	1766624	19.982 ug/ml
22) T n-Tetracontane (C40)	21.989	1758871	19.918 ug/ml

(f)=RT Delta > 1/2 Window

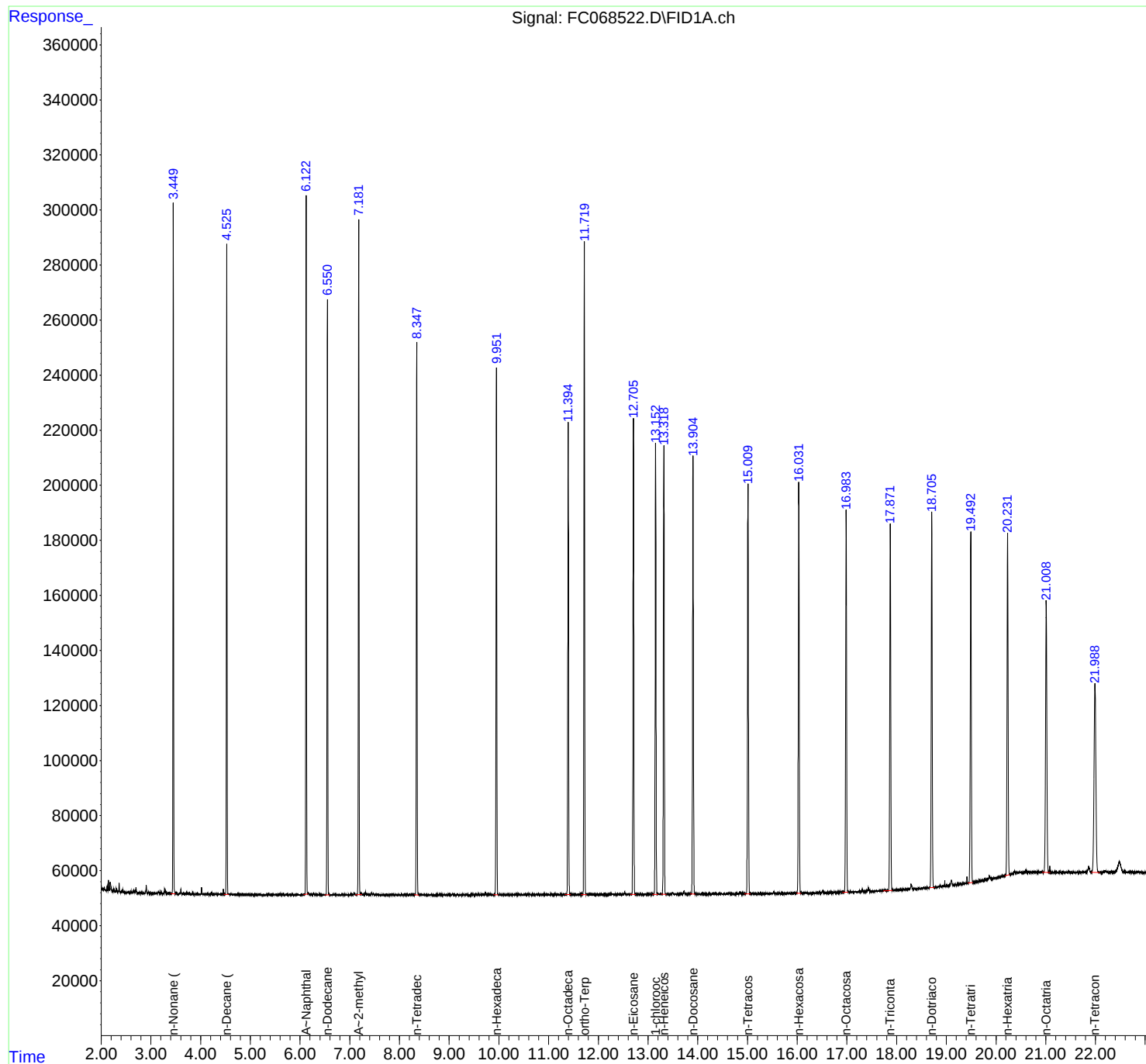
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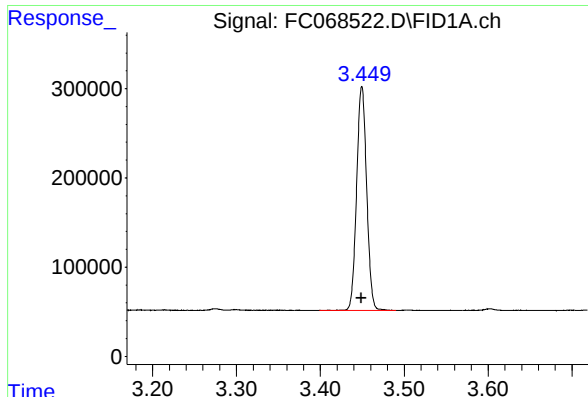
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040925AL\
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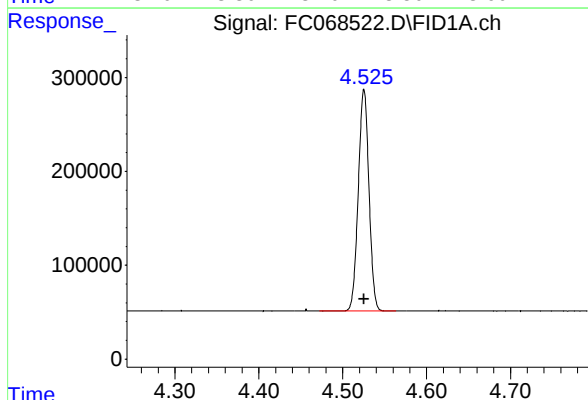




#1 n-Nonane (C9)

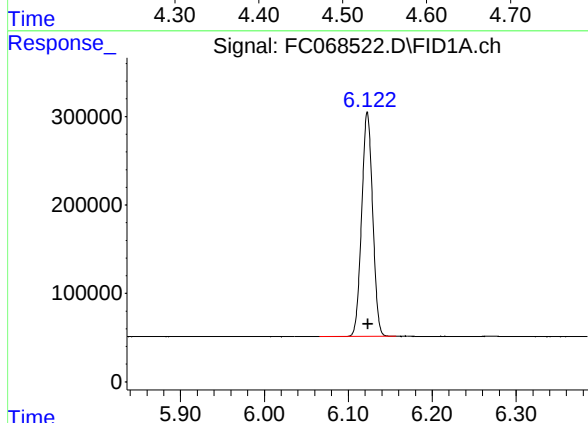
R.T.: 3.450 min
Delta R.T.: 0.000 min
Response: 2081973
Conc: 19.77 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



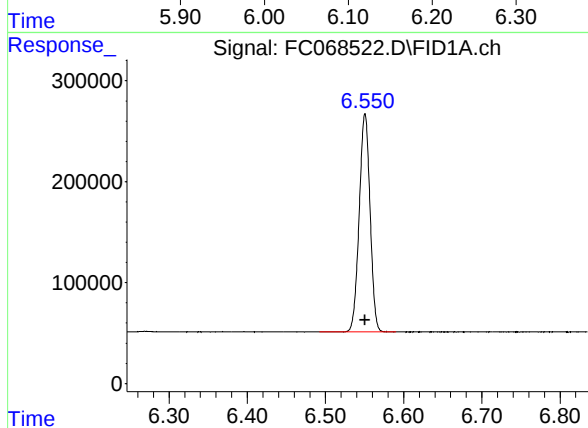
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 2082929
Conc: 19.77 ug/ml



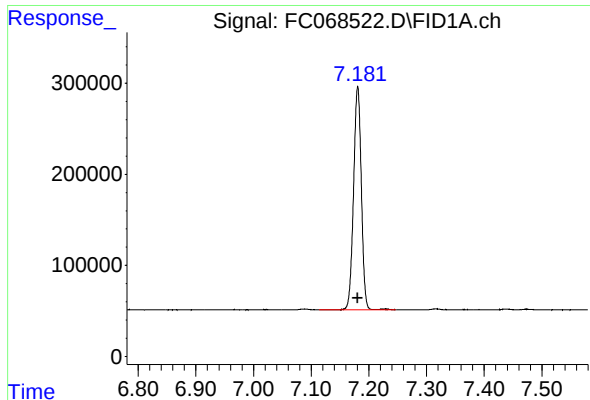
#3 A~Naphthalene (C11.7)

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 2303853
Conc: 19.78 ug/ml



#4 n-Dodecane (C12)

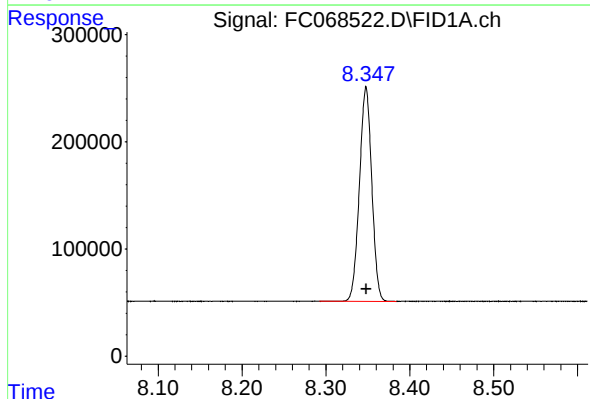
R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 2082193
Conc: 19.80 ug/ml



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

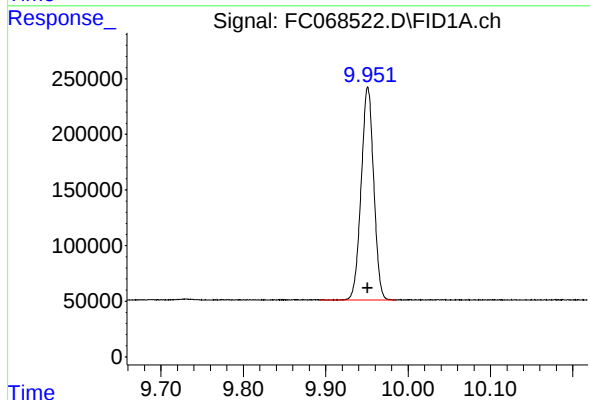
R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 2294880
Conc: 19.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



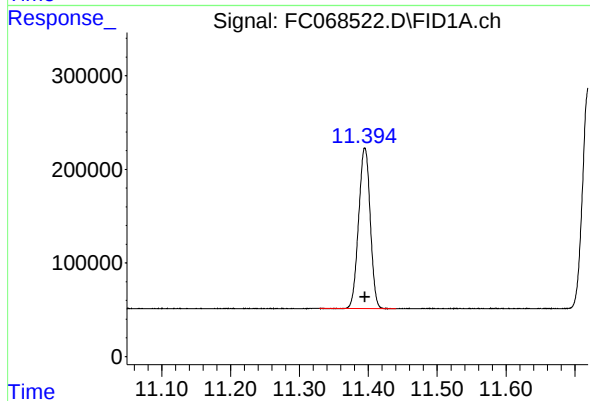
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 2041082
Conc: 19.85 ug/ml



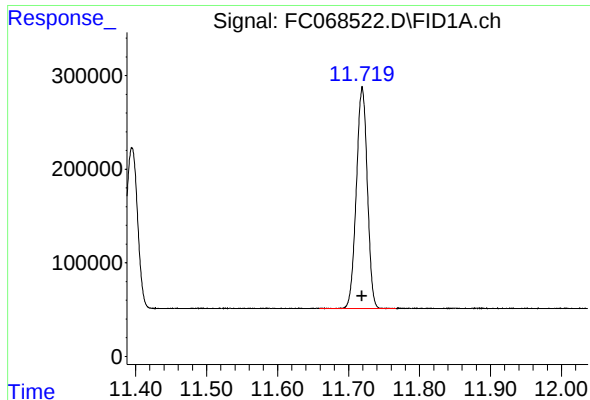
#7 n-Hexadecane (C16)

R.T.: 9.951 min
Delta R.T.: 0.000 min
Response: 2023893
Conc: 19.87 ug/ml



#8 n-Octadecane (C18)

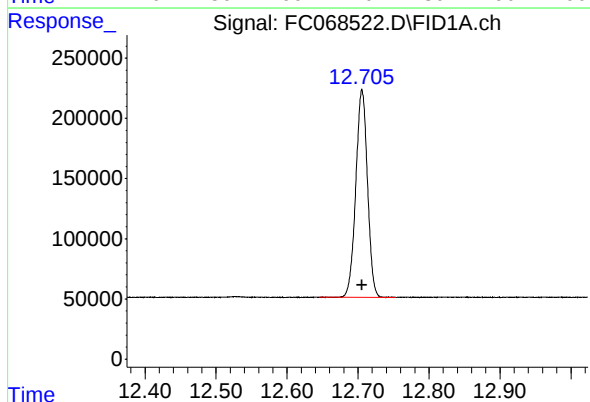
R.T.: 11.395 min
Delta R.T.: 0.000 min
Response: 2005288
Conc: 19.93 ug/ml



#9 ortho-Terphenyl (SURR)

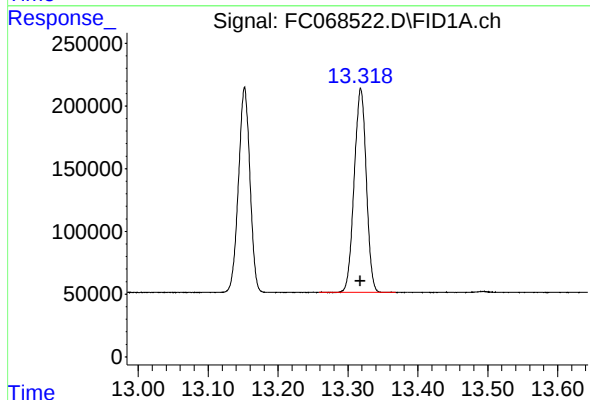
R.T.: 11.719 min
Delta R.T.: 0.000 min
Response: 2540149
Conc: 19.95 ug/ml

Instrument :
FID_C
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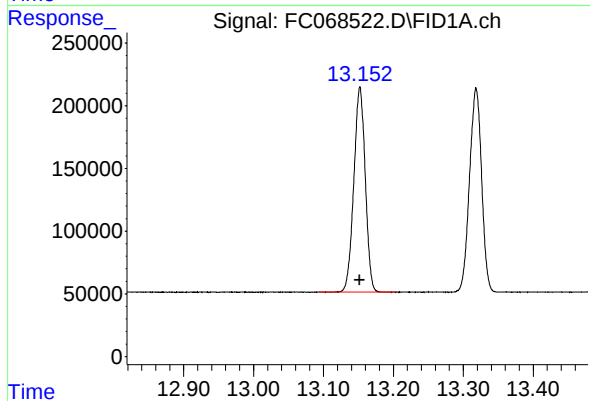
#10 n-Eicosane (C20)

R.T.: 12.706 min
Delta R.T.: 0.000 min
Response: 1971679
Conc: 20.05 ug/ml



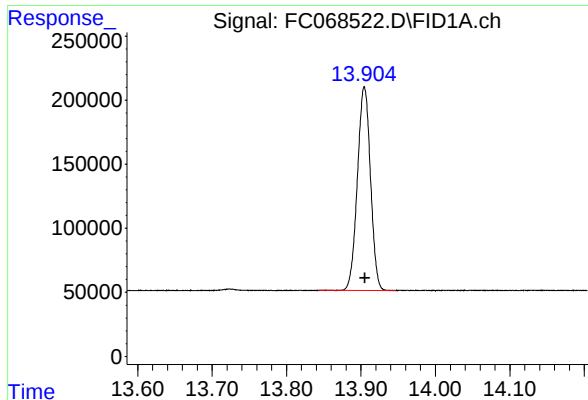
#11 n-Heneicosane (C21)

R.T.: 13.318 min
Delta R.T.: 0.000 min
Response: 1956101
Conc: 20.07 ug/ml



#12 1-chlorooctadecane (SURR)

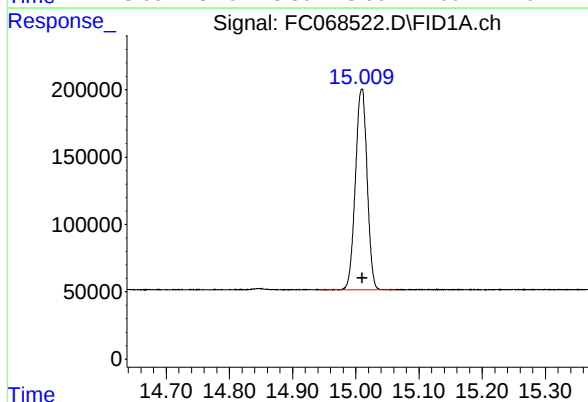
R.T.: 13.152 min
Delta R.T.: 0.000 min
Response: 1862341
Conc: 20.05 ug/ml



#13 n-Docosane (C22)

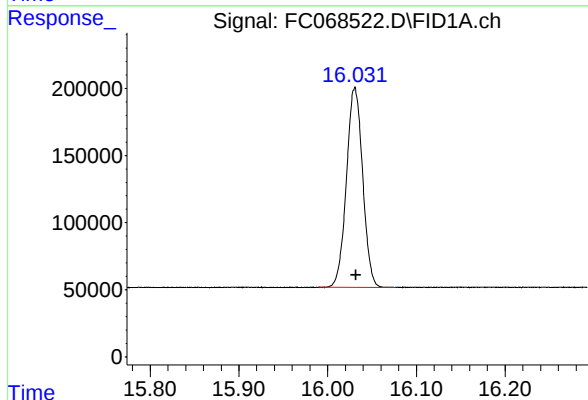
R.T.: 13.905 min
Delta R.T.: 0.000 min
Response: 1940381
Conc: 20.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



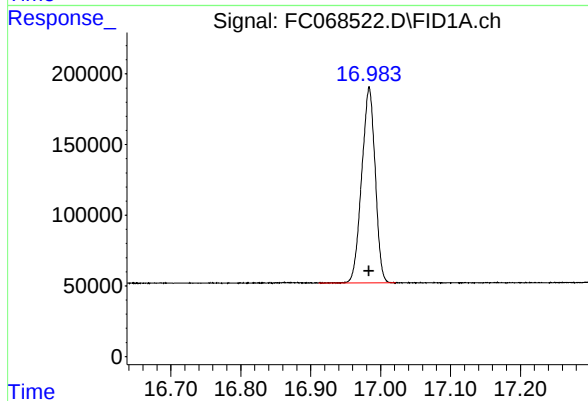
#14 n-Tetracosane (C24)

R.T.: 15.009 min
Delta R.T.: 0.000 min
Response: 1921630
Conc: 20.19 ug/ml



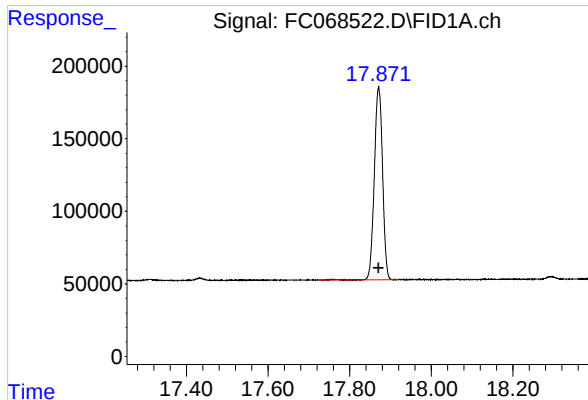
#15 n-Hexacosane (C26)

R.T.: 16.031 min
Delta R.T.: -0.001 min
Response: 1891538
Conc: 20.25 ug/ml



#16 n-Octacosane (C28)

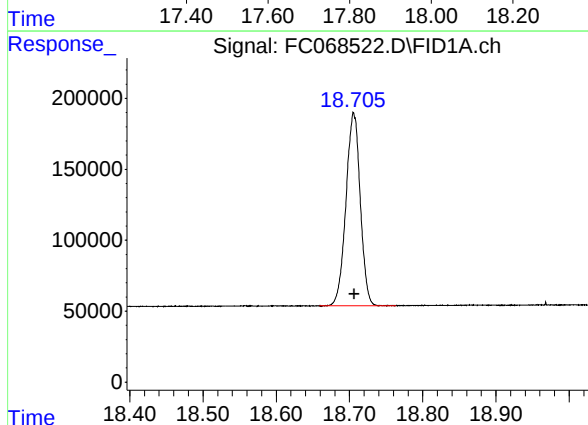
R.T.: 16.984 min
Delta R.T.: 0.000 min
Response: 1851999
Conc: 20.23 ug/ml



#17 n-Tricontane (C30)

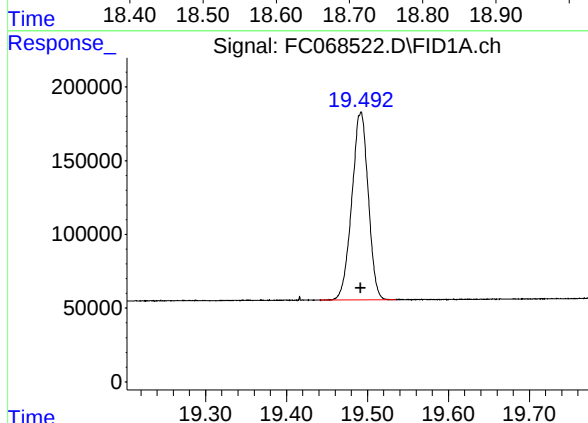
R.T.: 17.871 min
Delta R.T.: 0.000 min
Response: 1863712
Conc: 20.27 ug/ml

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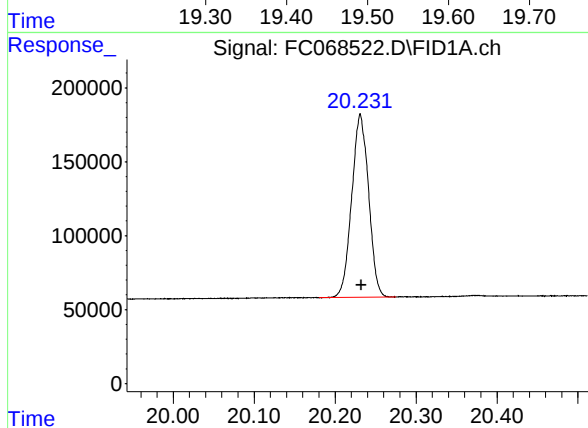
#18 n-Dotriacontane (C32)

R.T.: 18.706 min
Delta R.T.: 0.000 min
Response: 1849187
Conc: 20.16 ug/ml



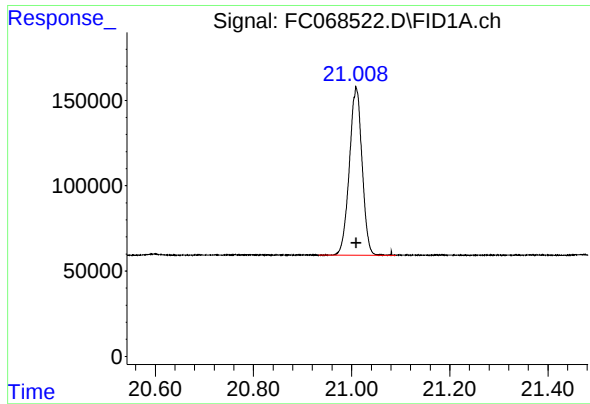
#19 n-Tetatriacontane (C34)

R.T.: 19.492 min
Delta R.T.: 0.000 min
Response: 1792981
Conc: 20.07 ug/ml



#20 n-Hexatriacontane (C36)

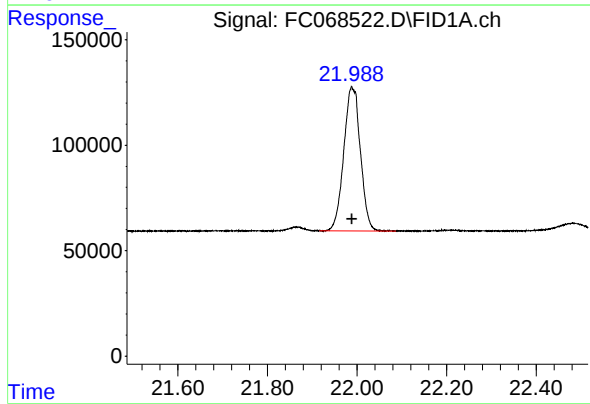
R.T.: 20.231 min
Delta R.T.: -0.001 min
Response: 1793060
Conc: 20.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.009 min
Delta R.T.: 0.000 min
Response: 1766624
Conc: 19.98 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.989 min
Delta R.T.: 0.000 min
Response: 1758871
Conc: 19.92 ug/ml