

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111921AL\
 Data File : FC056922.D
 Signal(s) : FID1A.CH
 Acq On : 19 Nov 2021 1:34
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 19 02:07:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.598	2281441	19.660 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
12) S 1-chlorooctadecane (S...	13.030	1794063	19.707 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
Target Compounds			
1) T n-Nonane (C9)	3.363	1993749	19.676 ug/ml
2) T n-Decane (C10)	4.429	1984444	19.817 ug/ml
3) T A~Naphthalene (C11.7)	6.017	2215084	19.837 ug/ml
4) T n-Dodecane (C12)	6.445	2002280	19.748 ug/ml
5) T A~2-methylnaphthalene...	7.073	2223830	20.169 ug/ml
6) T n-Tetradecane (C14)	8.239	1998929	19.729 ug/ml
7) T n-Hexadecane (C16)	9.839	2040472	19.884 ug/ml
8) T n-Octadecane (C18)	11.279	2105980	19.657 ug/ml
10) T n-Eicosane (C20)	12.586	2105599	19.687 ug/ml
11) T n-Heneicosane (C21)	13.196	2126147	19.633 ug/ml
13) T n-Docosane (C22)	13.781	2113667	19.729 ug/ml
14) T n-Tetracosane (C24)	14.880	2134209	19.715 ug/ml
15) T n-Hexacosane (C26)	15.898	2110096	19.810 ug/ml
16) T n-Octacosane (C28)	16.845	2105277	19.737 ug/ml
17) T n-Tricontane (C30)	17.729	2089167	19.601 ug/ml
18) T n-Dotriacontane (C32)	18.556	2055060	19.483 ug/ml
19) T n-Tetratriacontane (C34)	19.337	2026832	19.510 ug/ml
20) T n-Hexatriacontane (C36)	20.073	1909398	18.904 ug/ml
21) T n-Octatriacontane (C38)	20.805	1787415	19.472 ug/ml
22) T n-Tetracontane (C40)	21.713	1758890	19.525 ug/ml

(f)=RT Delta > 1/2 Window

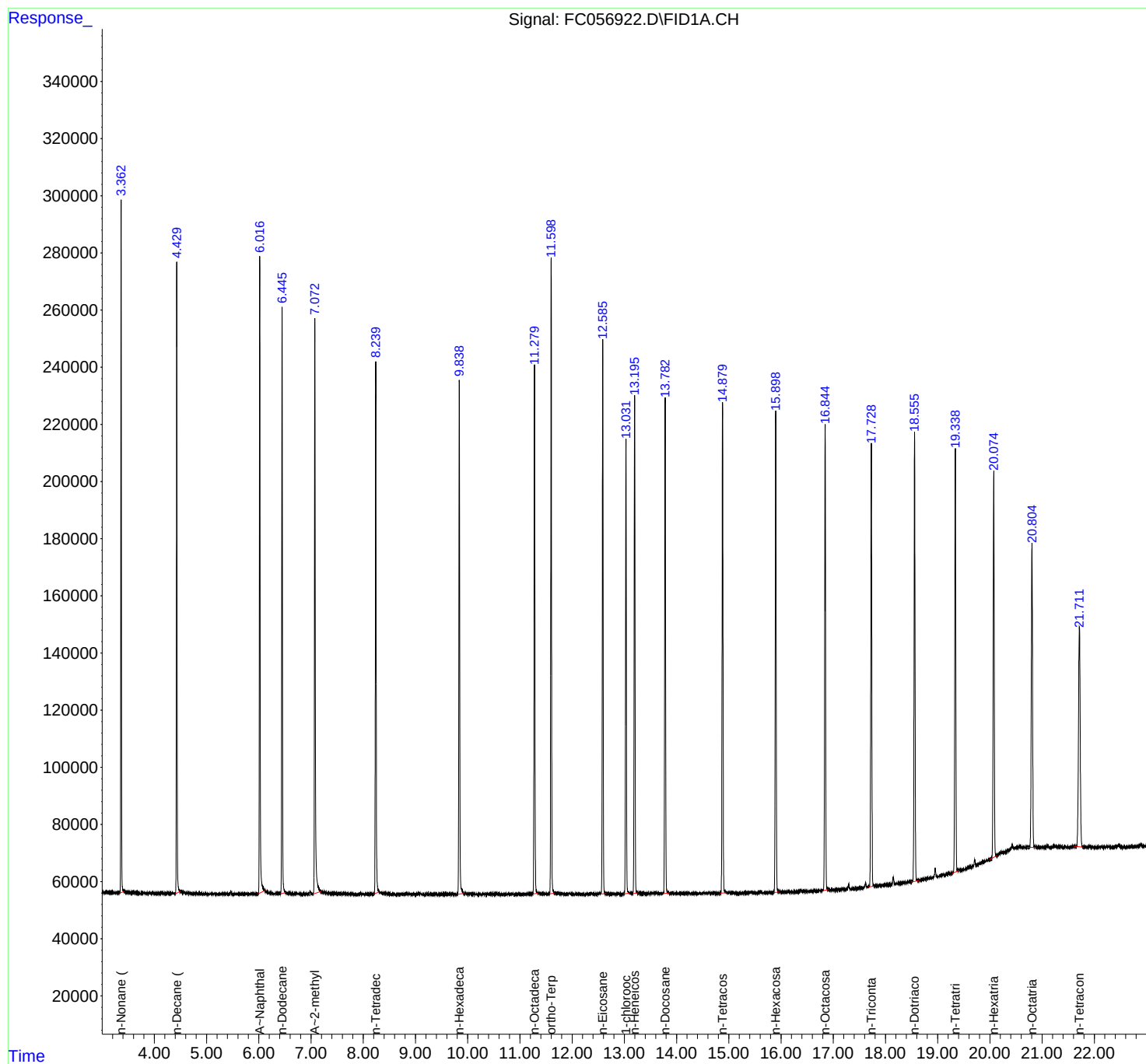
(m)=manual int.

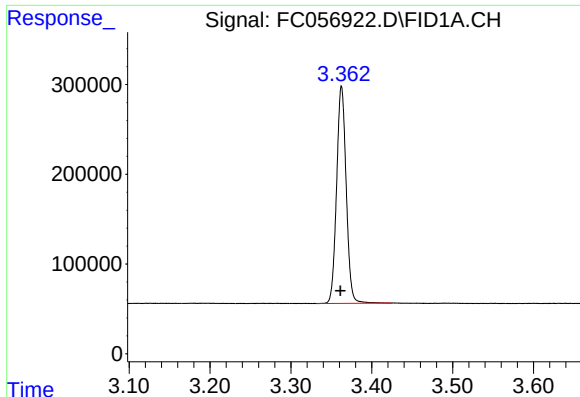
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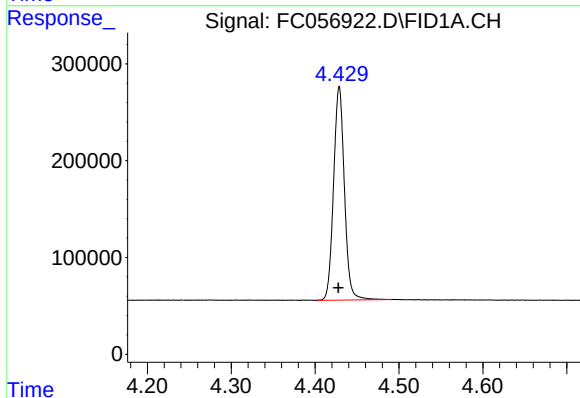




#1 n-Nonane (C9)

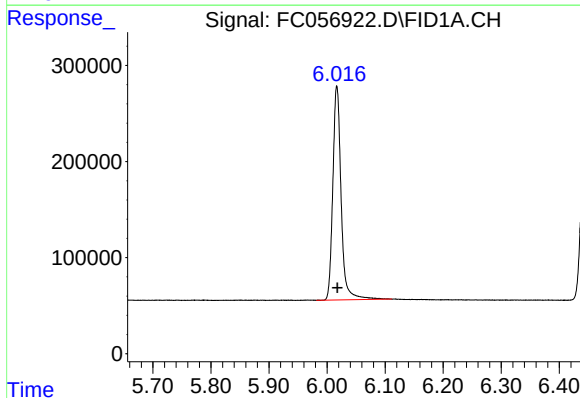
R.T.: 3.363 min
Delta R.T.: 0.002 min
Response: 1993749
Conc: 19.68 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



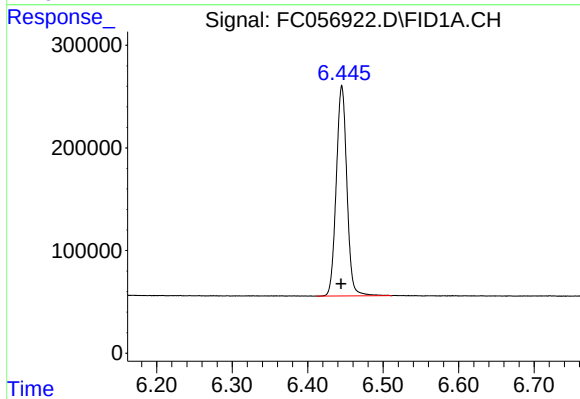
#2 n-Decane (C10)

R.T.: 4.429 min
Delta R.T.: 0.001 min
Response: 1984444
Conc: 19.82 ug/ml



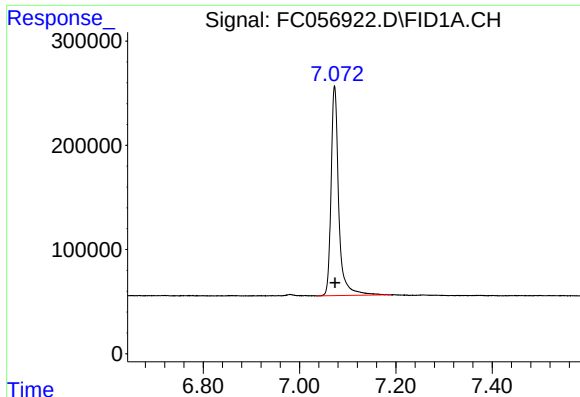
#3 A~Naphthalene (C11.7)

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 2215084
Conc: 19.84 ug/ml



#4 n-Dodecane (C12)

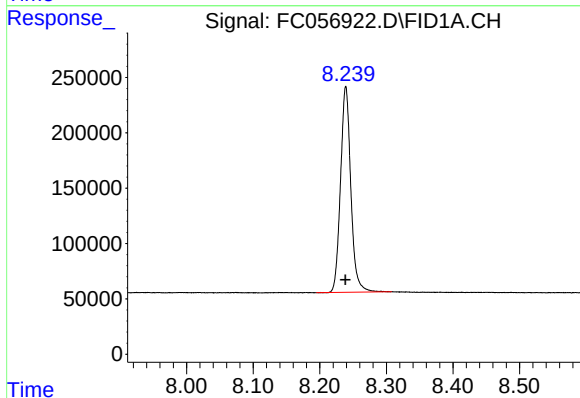
R.T.: 6.445 min
Delta R.T.: 0.000 min
Response: 2002280
Conc: 19.75 ug/ml



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

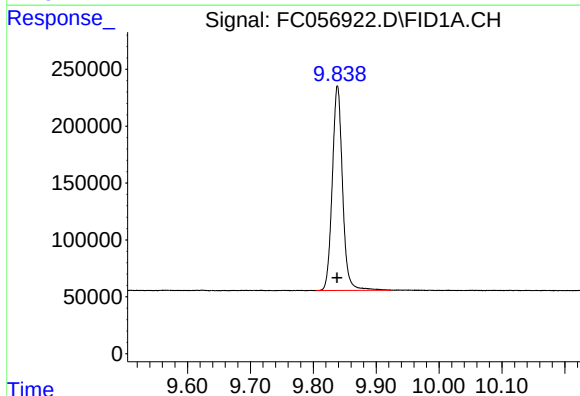
R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 2223830
Conc: 20.17 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



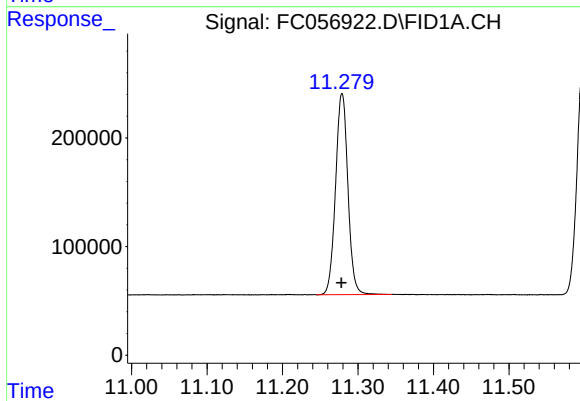
#6 n-Tetradecane (C14)

R.T.: 8.239 min
Delta R.T.: 0.000 min
Response: 1998929
Conc: 19.73 ug/ml



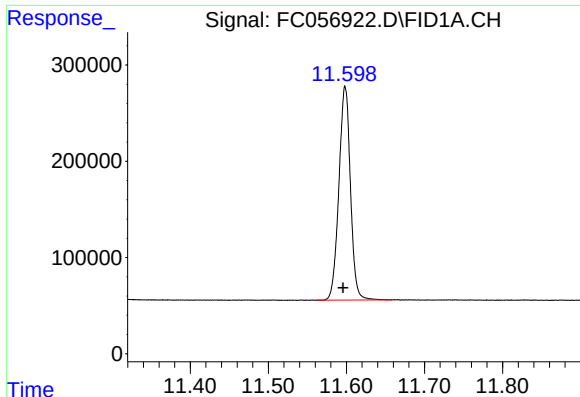
#7 n-Hexadecane (C16)

R.T.: 9.839 min
Delta R.T.: 0.000 min
Response: 2040472
Conc: 19.88 ug/ml



#8 n-Octadecane (C18)

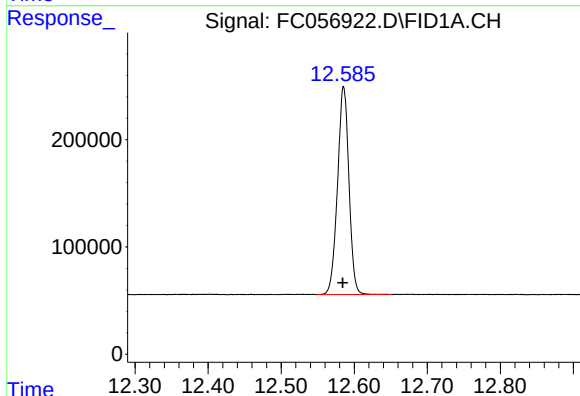
R.T.: 11.279 min
Delta R.T.: 0.000 min
Response: 2105980
Conc: 19.66 ug/ml



#9 ortho-Terphenyl (SURR)

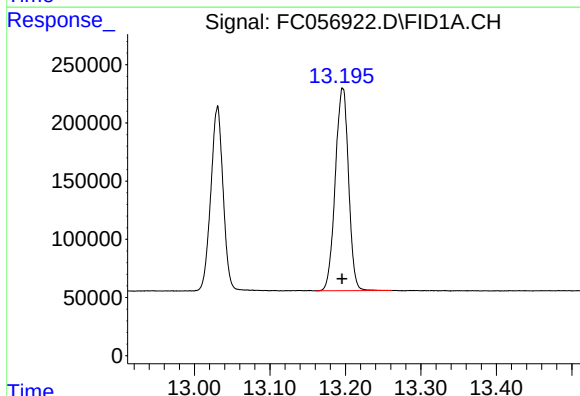
R.T.: 11.598 min
Delta R.T.: 0.002 min
Response: 2281441
Conc: 19.66 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



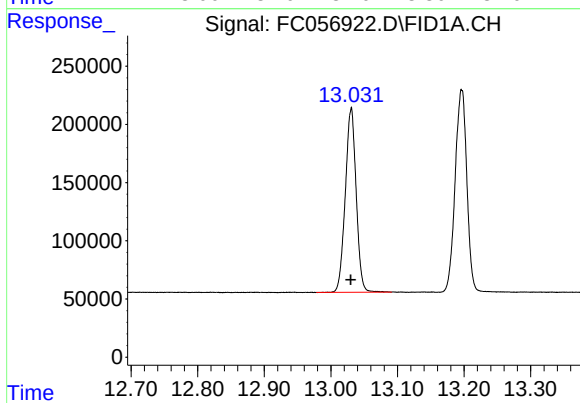
#10 n-Eicosane (C20)

R.T.: 12.586 min
Delta R.T.: 0.001 min
Response: 2105599
Conc: 19.69 ug/ml



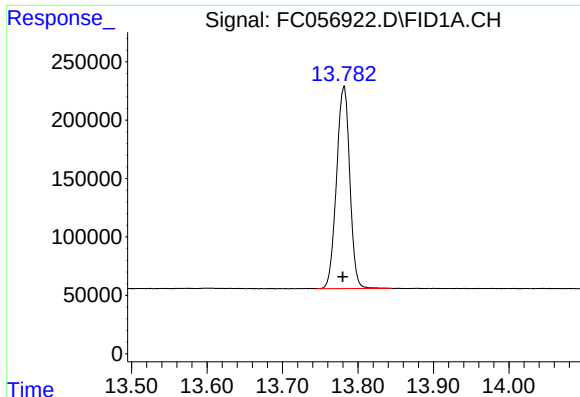
#11 n-Heneicosane (C21)

R.T.: 13.196 min
Delta R.T.: 0.000 min
Response: 2126147
Conc: 19.63 ug/ml



#12 1-chlorooctadecane (SURR)

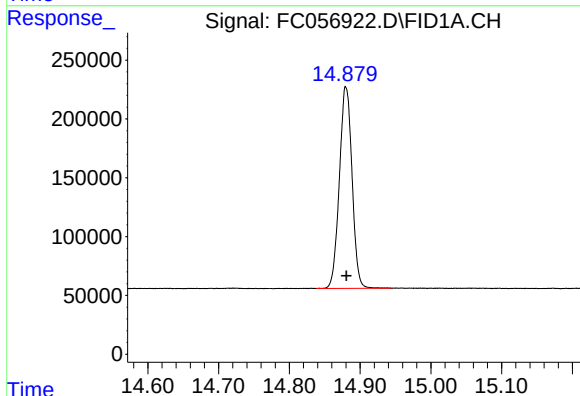
R.T.: 13.030 min
Delta R.T.: 0.000 min
Response: 1794063
Conc: 19.71 ug/ml



#13 n-Docosane (C22)

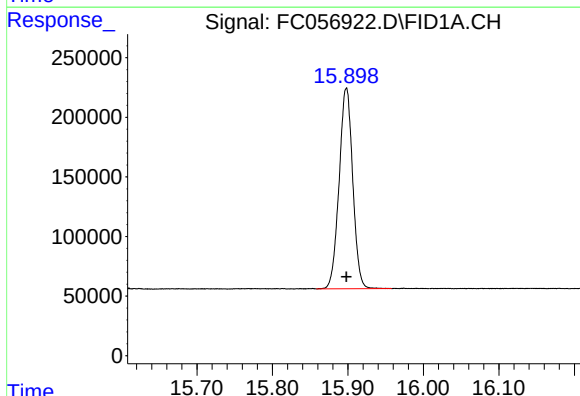
R.T.: 13.781 min
Delta R.T.: 0.001 min
Response: 2113667
Conc: 19.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



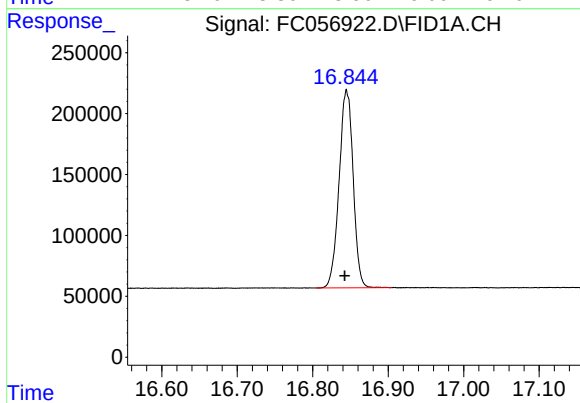
#14 n-Tetracosane (C24)

R.T.: 14.880 min
Delta R.T.: 0.000 min
Response: 2134209
Conc: 19.71 ug/ml



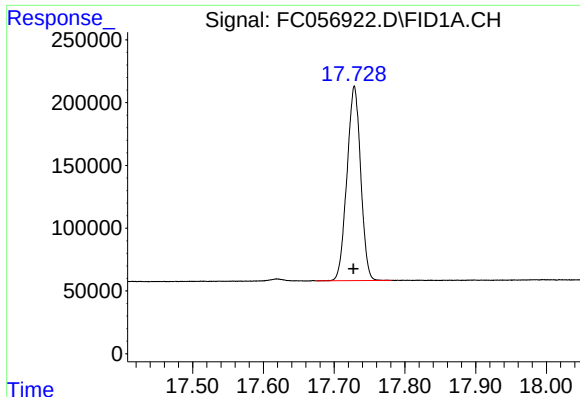
#15 n-Hexacosane (C26)

R.T.: 15.898 min
Delta R.T.: 0.000 min
Response: 2110096
Conc: 19.81 ug/ml



#16 n-Octacosane (C28)

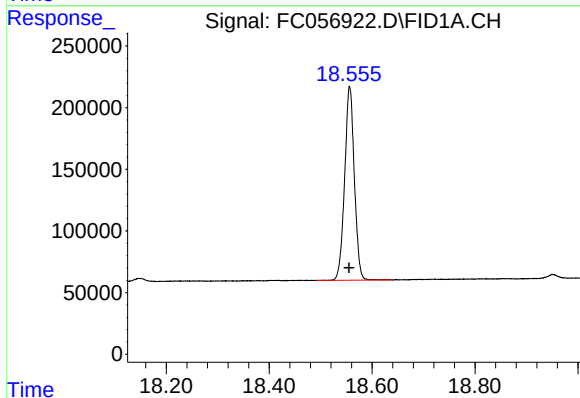
R.T.: 16.845 min
Delta R.T.: 0.003 min
Response: 2105277
Conc: 19.74 ug/ml



#17 n-Tricontane (C30)

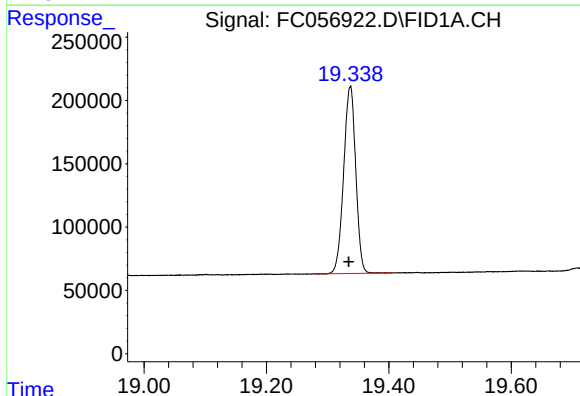
R.T.: 17.729 min
Delta R.T.: 0.001 min
Response: 2089167
Conc: 19.60 ug/ml

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20 PPM ALIPHATIC HC STD



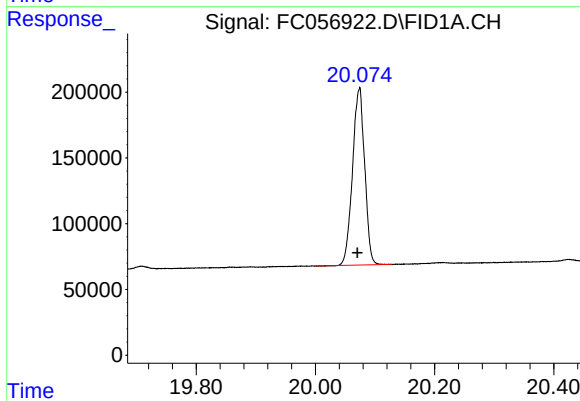
#18 n-Dotriacontane (C32)

R.T.: 18.556 min
Delta R.T.: 0.000 min
Response: 2055060
Conc: 19.48 ug/ml



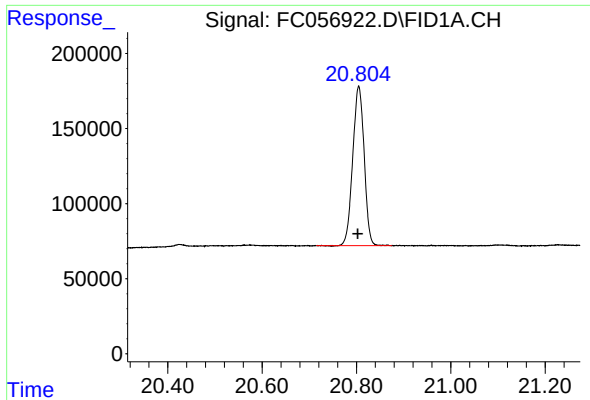
#19 n-Tetratriacontane (C34)

R.T.: 19.337 min
Delta R.T.: 0.002 min
Response: 2026832
Conc: 19.51 ug/ml



#20 n-Hexatriacontane (C36)

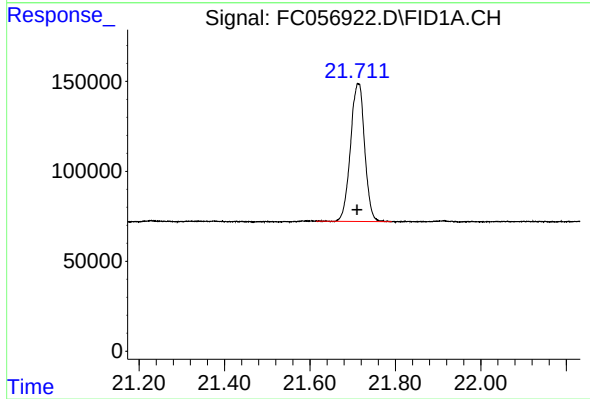
R.T.: 20.073 min
Delta R.T.: 0.003 min
Response: 1909398
Conc: 18.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.805 min
Delta R.T.: 0.002 min
Response: 1787415
Conc: 19.47 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.713 min
Delta R.T.: 0.003 min
Response: 1758890
Conc: 19.52 ug/ml