

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032420AL\
 Data File : FC046481.D
 Signal(s) : FID1A.CH
 Acq On : 24 Mar 2020 19:19
 Operator : DD\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: Mar 26 12:28:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 2020
 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)	11.754	2316354	21.190 ug/ml
Spiked Amount 50.000		Recovery =	42.38%
12) S 1-chlorooctadecane (S...	13.169	1825257	21.180 ug/ml
Spiked Amount 50.000		Recovery =	42.36%
Target Compounds			
1) T n-Nonane (C9)	3.539	2034383	21.183 ug/ml
2) T n-Decane (C10)	4.607	2056957	21.417 ug/ml
3) T A~Naphthalene (C11.7)	6.206	2178854	21.746 ug/ml
4) T n-Dodecane (C12)	6.615	2101141	21.526 ug/ml
5) T A~2-methylnaphthalene...	7.257	2184881	21.611 ug/ml
6) T n-Tetradecane (C14)	8.398	2116178	21.491 ug/ml
7) T n-Hexadecane (C16)	9.989	2140502	21.441 ug/ml
8) T n-Octadecane (C18)	11.423	2168510	21.365 ug/ml
10) T n-Eicosane (C20)	12.724	2172709	21.253 ug/ml
11) T n-Heneicosane (C21)	13.333	2183974	21.182 ug/ml
13) T n-Docosane (C22)	13.916	2167984	21.119 ug/ml
14) T n-Tetracosane (C24)	15.013	2162270	20.947 ug/ml
15) T n-Hexacosane (C26)	16.029	2124492	20.707 ug/ml
16) T n-Octacosane (C28)	16.974	2080497	20.442 ug/ml
17) T n-Tricontane (C30)	17.859	1980974	20.219 ug/ml
18) T n-Dotriacontane (C32)	18.686	1662535	19.830 ug/ml
19) T n-Tetratriacontane (C34)	19.466	1410749	19.690 ug/ml
20) T n-Hexatriacontane (C36)	20.201	1320615	18.851 ug/ml
21) T n-Octatriacontane (C38)	20.960	1237449	19.610 ug/ml
22) T n-Tetracontane (C40)	21.917	1298008	18.758 ug/ml

(f)=RT Delta > 1/2 Window

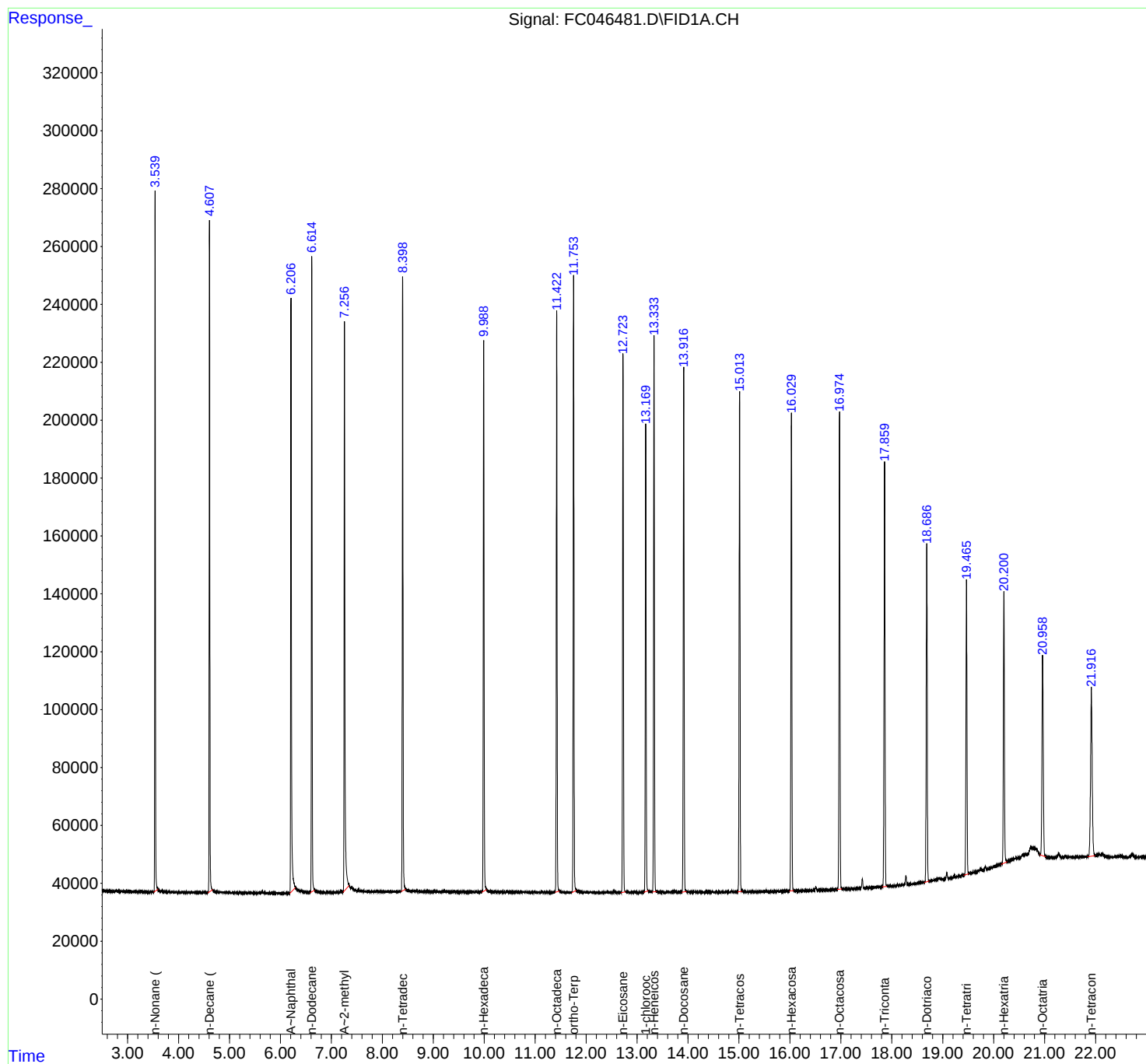
(m)=manual int.

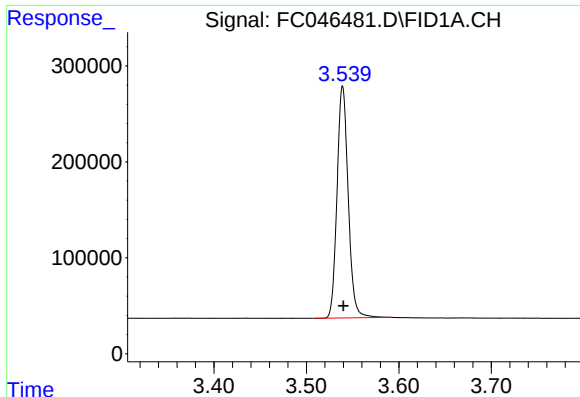
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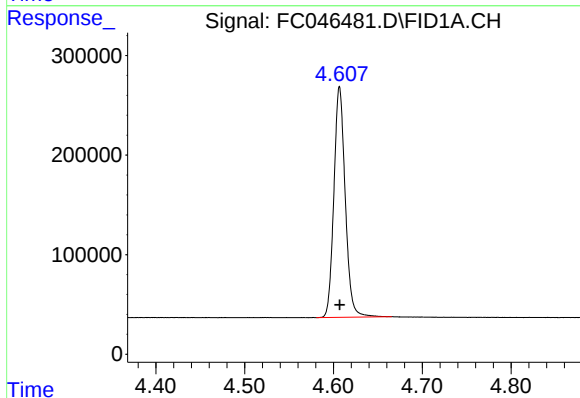




#1 n-Nonane (C9)

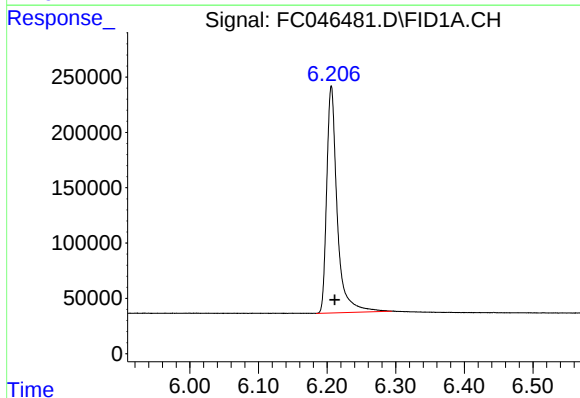
R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 2034383
Conc: 21.18 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



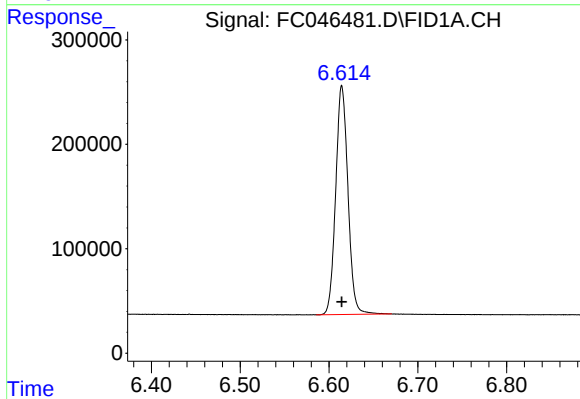
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 2056957
Conc: 21.42 ug/ml



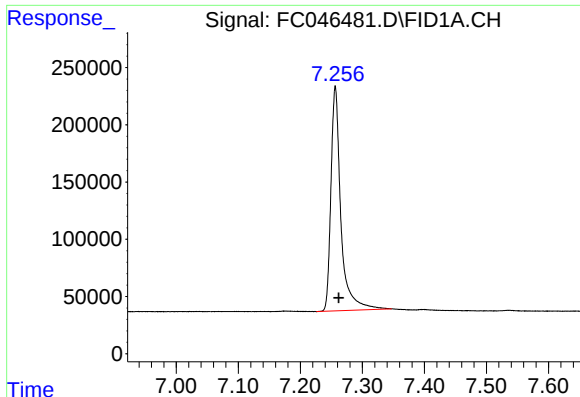
#3 A~Naphthalene (C11.7)

R.T.: 6.206 min
Delta R.T.: -0.005 min
Response: 2178854
Conc: 21.75 ug/ml



#4 n-Dodecane (C12)

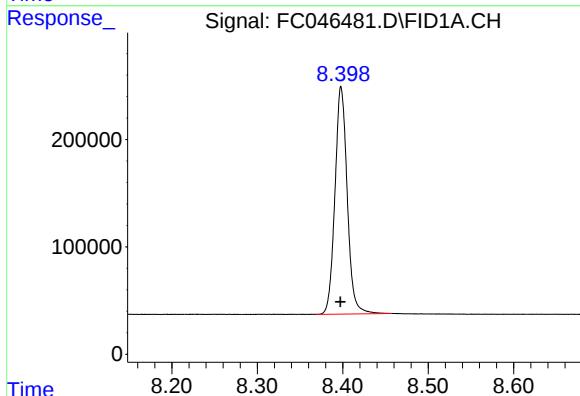
R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 2101141
Conc: 21.53 ug/ml



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

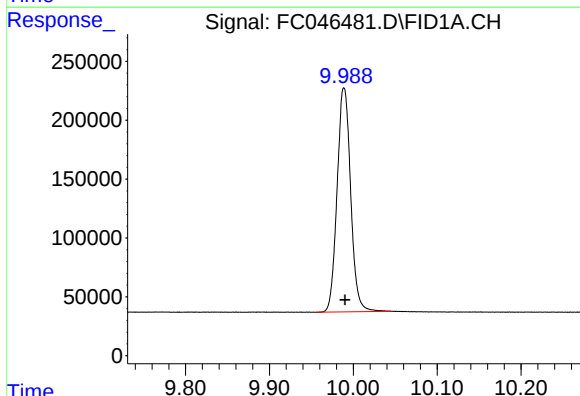
R.T.: 7.257 min
Delta R.T.: -0.005 min
Response: 2184881
Conc: 21.61 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



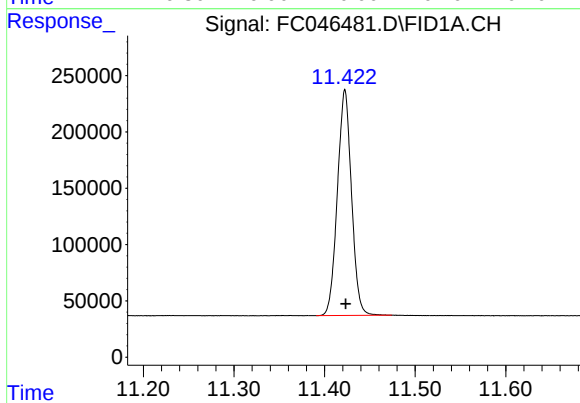
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: 0.000 min
Response: 2116178
Conc: 21.49 ug/ml



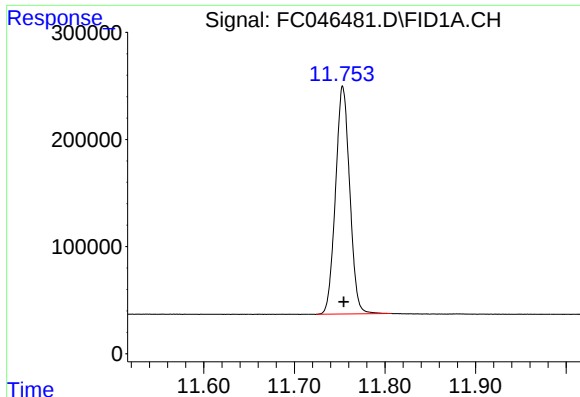
#7 n-Hexadecane (C16)

R.T.: 9.989 min
Delta R.T.: 0.000 min
Response: 2140502
Conc: 21.44 ug/ml



#8 n-Octadecane (C18)

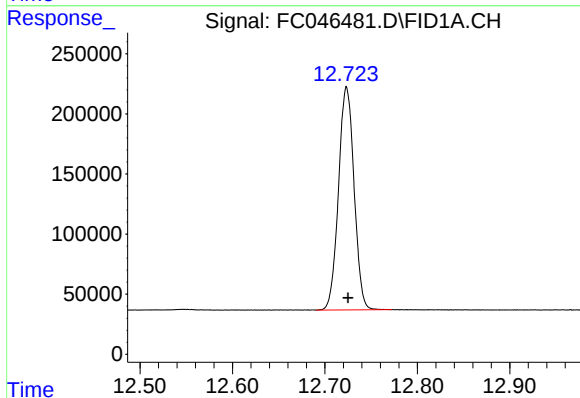
R.T.: 11.423 min
Delta R.T.: 0.000 min
Response: 2168510
Conc: 21.37 ug/ml



#9 ortho-Terphenyl (SURR)

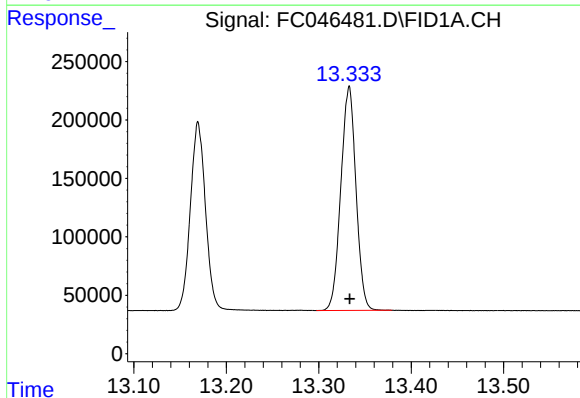
R.T.: 11.754 min
Delta R.T.: 0.000 min
Response: 2316354
Conc: 21.19 ug/ml

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20 PPM ALIPHATIC HC STD



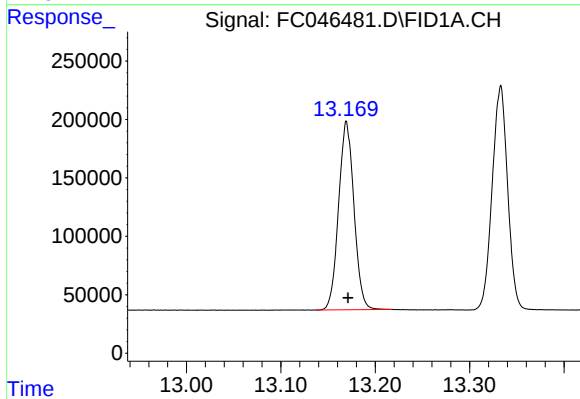
#10 n-Eicosane (C20)

R.T.: 12.724 min
Delta R.T.: -0.001 min
Response: 2172709
Conc: 21.25 ug/ml



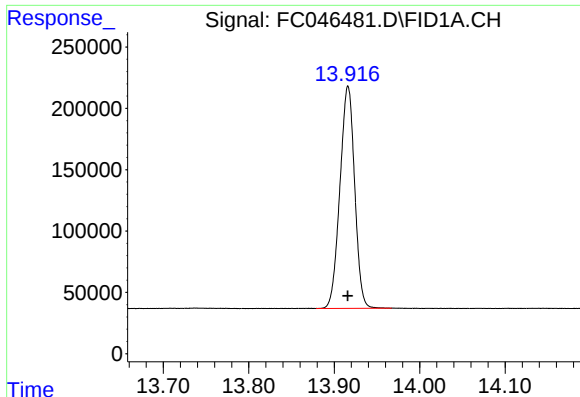
#11 n-Heneicosane (C21)

R.T.: 13.333 min
Delta R.T.: 0.000 min
Response: 2183974
Conc: 21.18 ug/ml



#12 1-chlorooctadecane (SURR)

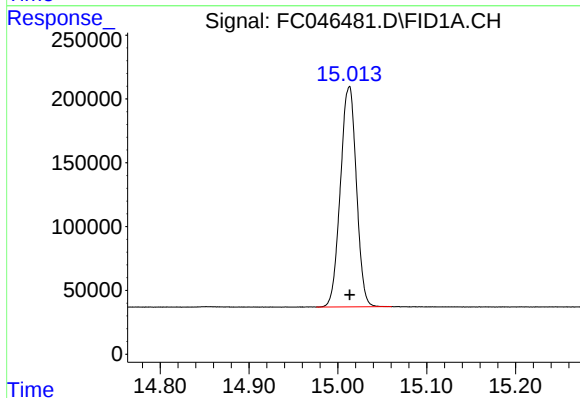
R.T.: 13.169 min
Delta R.T.: -0.002 min
Response: 1825257
Conc: 21.18 ug/ml



#13 n-Docosane (C22)

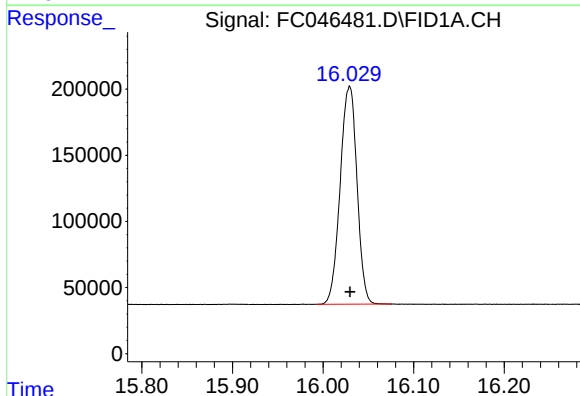
R.T.: 13.916 min
Delta R.T.: 0.000 min
Response: 2167984
Conc: 21.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



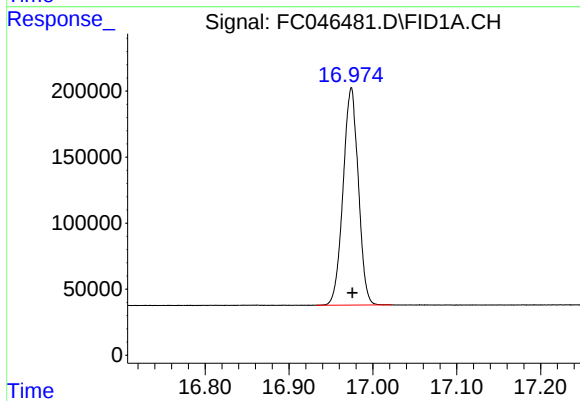
#14 n-Tetracosane (C24)

R.T.: 15.013 min
Delta R.T.: 0.000 min
Response: 2162270
Conc: 20.95 ug/ml



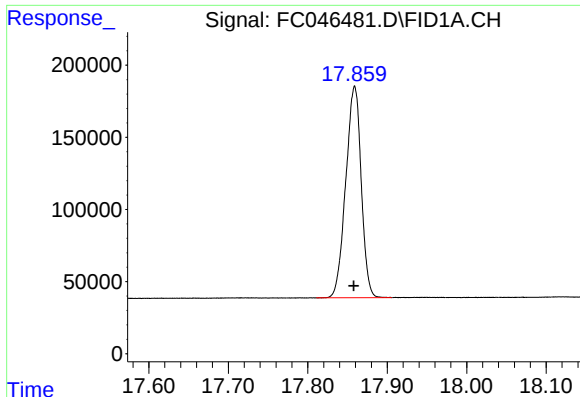
#15 n-Hexacosane (C26)

R.T.: 16.029 min
Delta R.T.: 0.000 min
Response: 2124492
Conc: 20.71 ug/ml



#16 n-Octacosane (C28)

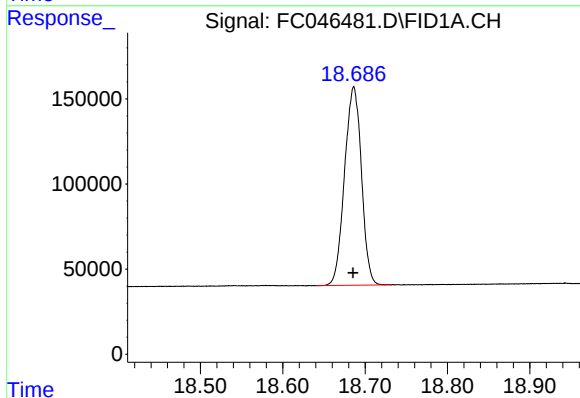
R.T.: 16.974 min
Delta R.T.: -0.001 min
Response: 2080497
Conc: 20.44 ug/ml



#17 n-Tricontane (C30)

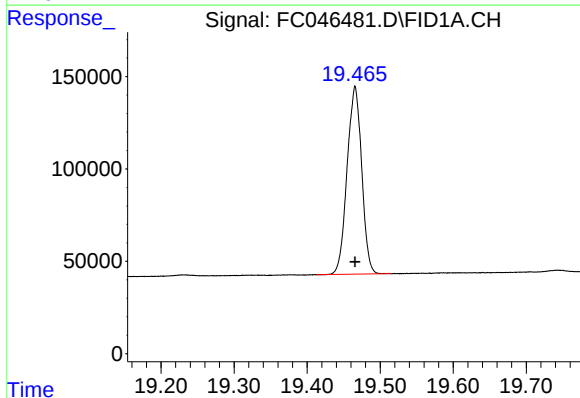
R.T.: 17.859 min
Delta R.T.: 0.000 min
Response: 1980974
Conc: 20.22 ug/ml

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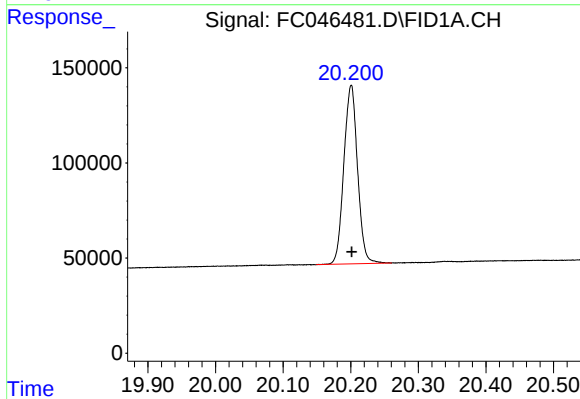
#18 n-Dotriacontane (C32)

R.T.: 18.686 min
Delta R.T.: 0.000 min
Response: 1662535
Conc: 19.83 ug/ml



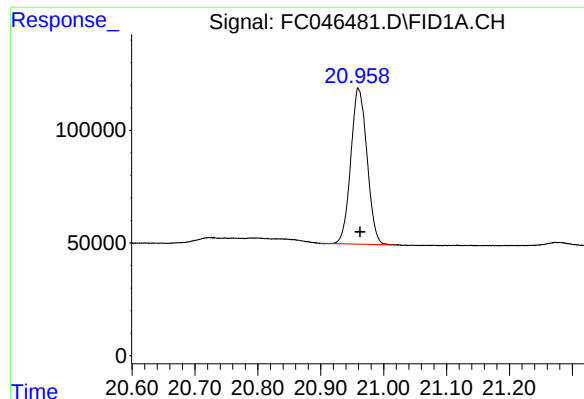
#19 n-Tetratriacontane (C34)

R.T.: 19.466 min
Delta R.T.: 0.000 min
Response: 1410749
Conc: 19.69 ug/ml



#20 n-Hexatriacontane (C36)

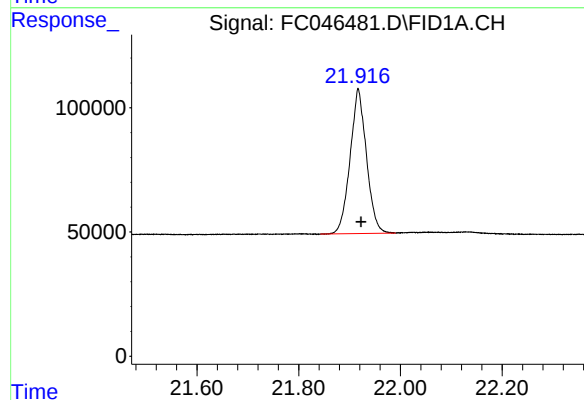
R.T.: 20.201 min
Delta R.T.: 0.000 min
Response: 1320615
Conc: 18.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.960 min
Delta R.T.: -0.003 min
Response: 1237449
Conc: 19.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.917 min
Delta R.T.: -0.006 min
Response: 1298008
Conc: 18.76 ug/ml