

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022621AL\
 Data File : FC052177.D
 Signal(s) : FID1A.CH
 Acq On : 27 Feb 2021 1:28
 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

Manual Integrations
 APPROVED

mohammad
 3/1/2021 11:34:09 AM

Integration File: autoint1.e
 Quant Time: Mar 03 11:14:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 09:35:39 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)	11.692	2551154	21.018 ug/ml
Spiked Amount 50.000		Recovery =	42.04%
12) S 1-chlorooctadecane (S...	13.122	2039910	20.775 ug/ml
Spiked Amount 50.000		Recovery =	41.55%
Target Compounds			
1) T n-Nonane (C9)	3.446	2296027	21.729 ug/ml
2) T n-Decane (C10)	4.515	2336169	21.923 ug/ml
3) T A~Naphthalene (C11.7)	6.108	2626867	21.964 ug/ml
4) T n-Dodecane (C12)	6.534	2391516	22.116 ug/ml
5) T A~2-methylnaphthalene...	7.165	2685576	22.009 ug/ml
6) T n-Tetradecane (C14)	8.328	2403806	22.135 ug/ml
7) T n-Hexadecane (C16)	9.928	2366809	21.931 ug/ml
8) T n-Octadecane (C18)	11.369	2441828	21.599 ug/ml
10) T n-Eicosane (C20)	12.676	2427049	21.133 ug/ml
11) T n-Heneicosane (C21)	13.289	2401247	20.835 ug/ml
13) T n-Docosane (C22)	13.875	2373393	20.476 ug/ml
14) T n-Tetracosane (C24)	14.977	2306266	19.695 ug/ml
15) T n-Hexacosane (C26)	15.999	2200382	18.820 ug/ml
16) T n-Octacosane (C28)	16.948	2108951	17.932 ug/ml
17) T n-Tricontane (C30)	17.837	2039576	17.255 ug/ml
18) T n-Dotriacontane (C32)	18.672	1957871	16.696 ug/ml
19) T n-Tetratriacontane (C34)	19.461	1916359	16.546 ug/ml
20) T n-Hexatriacontane (C36)	20.209	1859088	16.709 ug/ml
21) T n-Octatriacontane (C38)	20.978	1789238	17.471 ug/ml
22) T n-Tetracontane (C40)	21.950	1782588	17.293 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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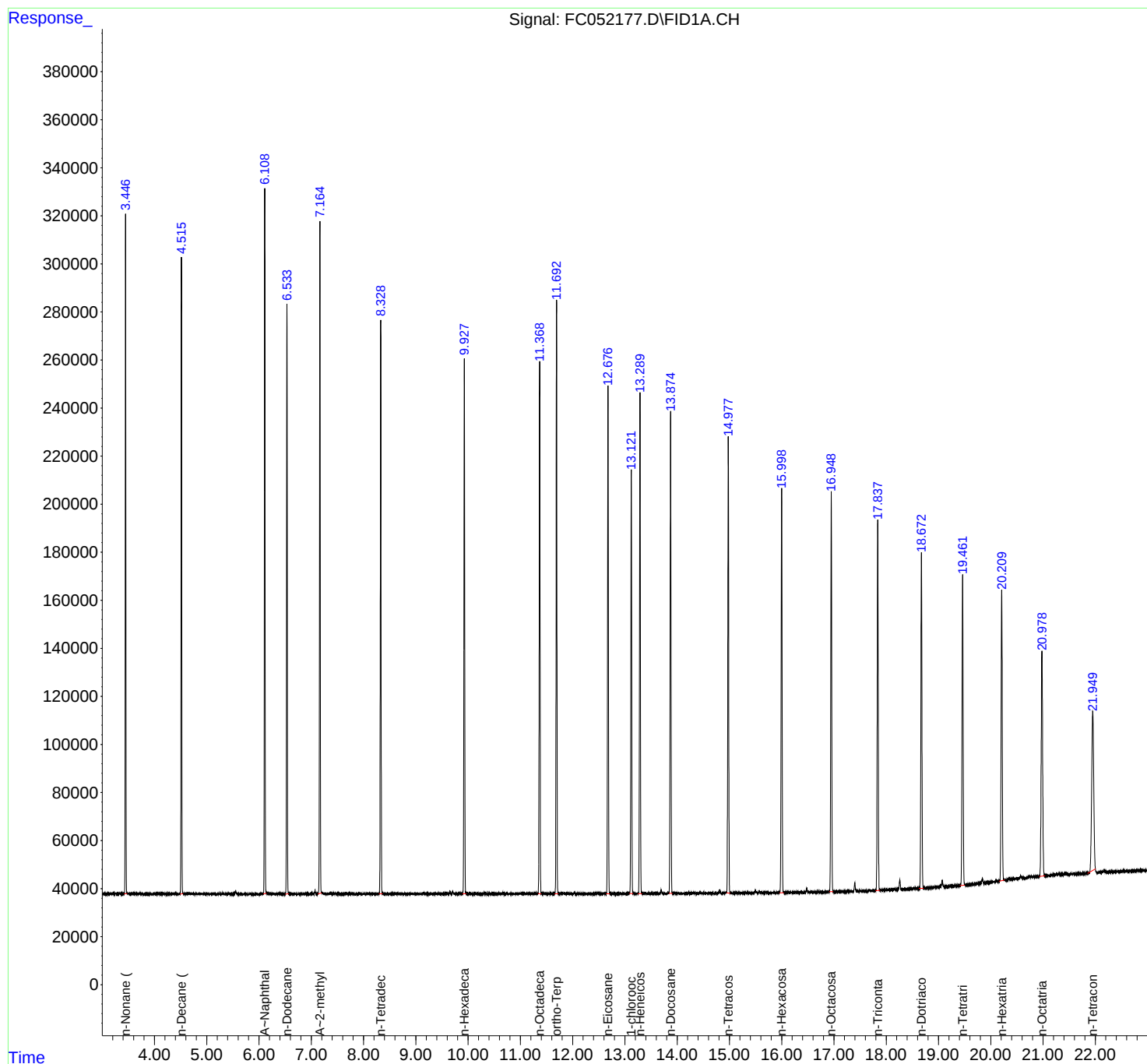
Instrument :
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20 PPM ALIPHATIC HC STD

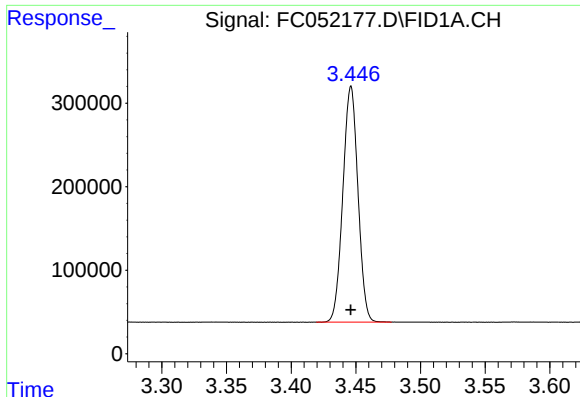
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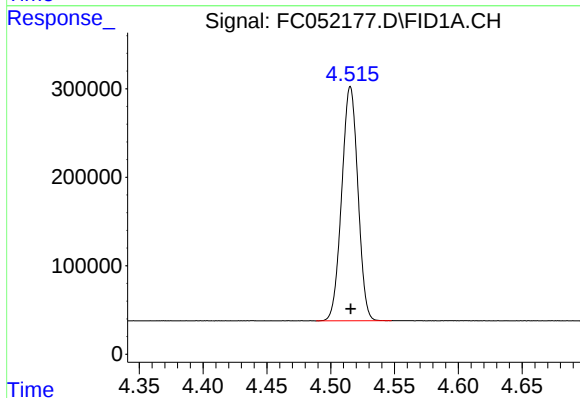
#1 n-Nonane (C9)

R.T.: 3.446 min
Delta R.T.: 0.000 min
Response: 2296027
Conc: 21.73 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

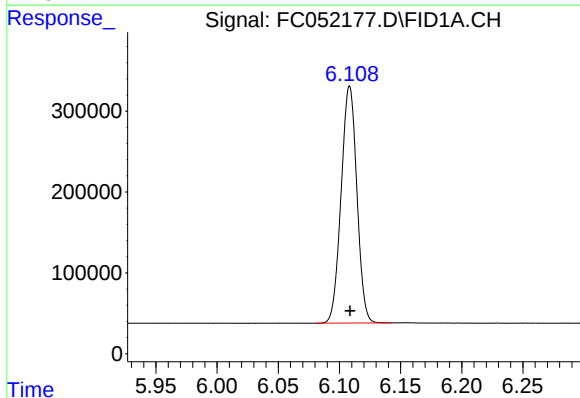
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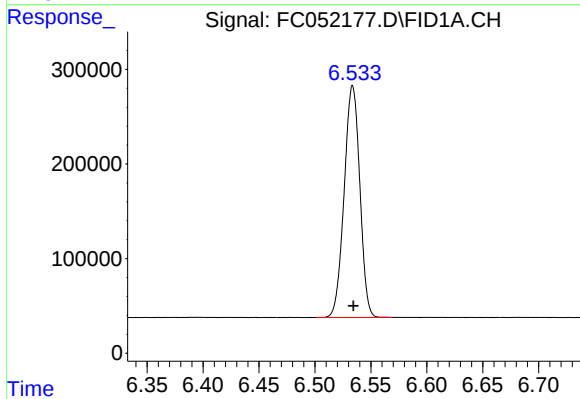
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 2336169
Conc: 21.92 ug/ml



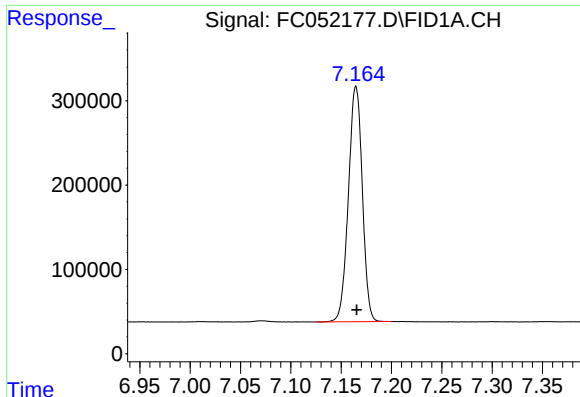
#3 A~Naphthalene (C11.7)

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 2626867
Conc: 21.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 2391516
Conc: 22.12 ug/ml



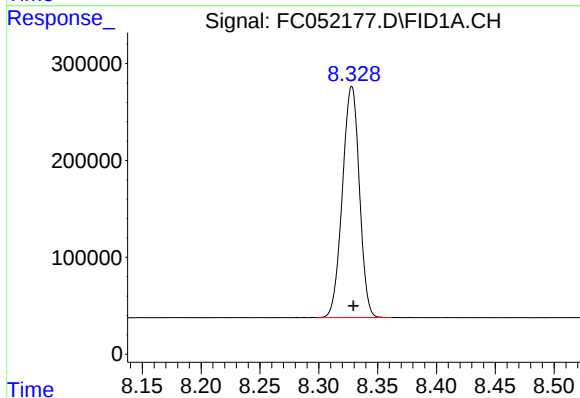
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.165 min
Delta R.T.: 0.000 min
Response: 2685576
Conc: 22.01 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

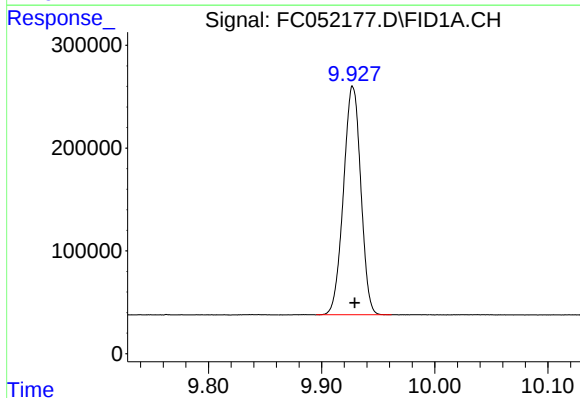
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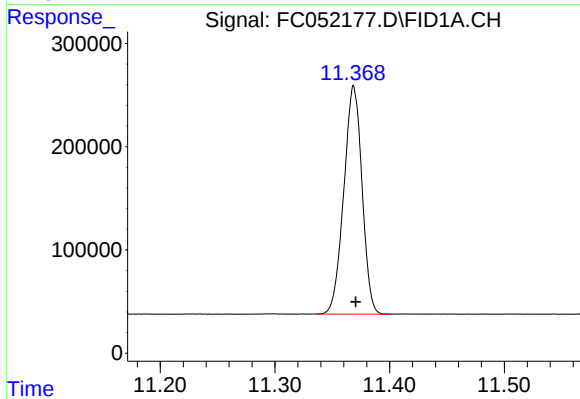
#6 n-Tetradecane (C14)

R.T.: 8.328 min
Delta R.T.: -0.001 min
Response: 2403806
Conc: 22.13 ug/ml



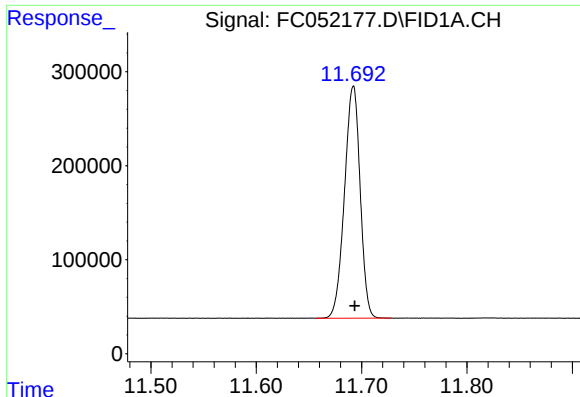
#7 n-Hexadecane (C16)

R.T.: 9.928 min
Delta R.T.: -0.002 min
Response: 2366809
Conc: 21.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.369 min
Delta R.T.: -0.002 min
Response: 2441828
Conc: 21.60 ug/ml



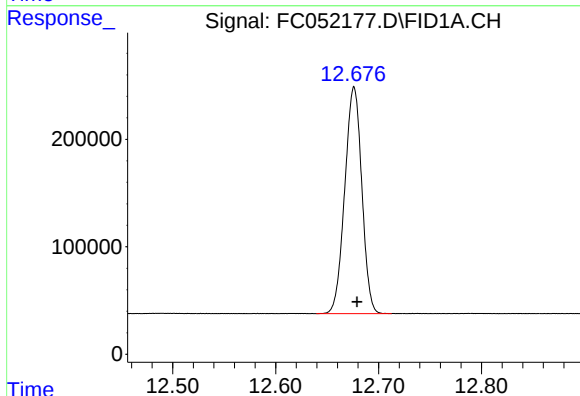
#9 ortho-Terphenyl (SURR)

R.T.: 11.692 min
Delta R.T.: -0.001 min
Response: 2551154
Conc: 21.02 ug/ml

Instrument :
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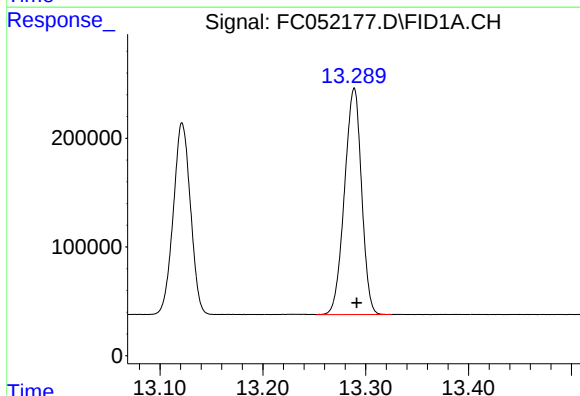
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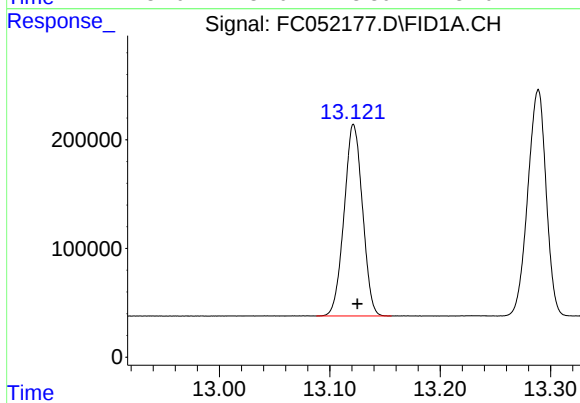
#10 n-Eicosane (C20)

R.T.: 12.676 min
Delta R.T.: -0.003 min
Response: 2427049
Conc: 21.13 ug/ml



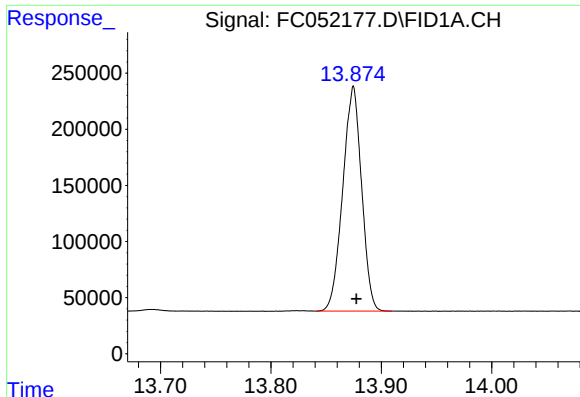
#11 n-Heneicosane (C21)

R.T.: 13.289 min
Delta R.T.: -0.002 min
Response: 2401247
Conc: 20.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.122 min
Delta R.T.: -0.004 min
Response: 2039910
Conc: 20.78 ug/ml



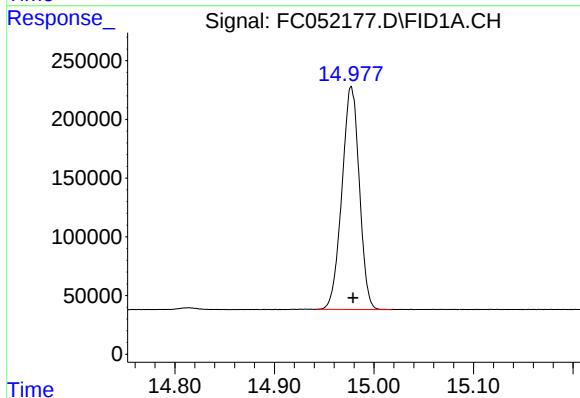
#13 n-Docosane (C22)

R.T.: 13.875 min
Delta R.T.: -0.003 min
Response: 2373393
Conc: 20.48 ug/ml

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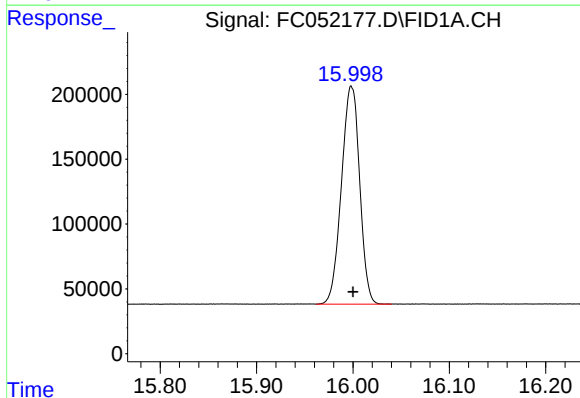
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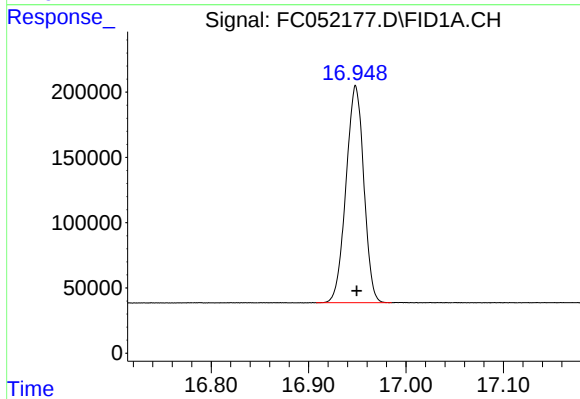
#14 n-Tetracosane (C24)

R.T.: 14.977 min
Delta R.T.: -0.002 min
Response: 2306266
Conc: 19.70 ug/ml



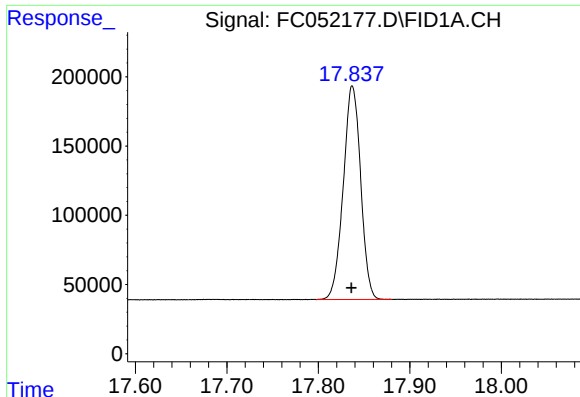
#15 n-Hexacosane (C26)

R.T.: 15.999 min
Delta R.T.: -0.002 min
Response: 2200382
Conc: 18.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.948 min
Delta R.T.: -0.001 min
Response: 2108951
Conc: 17.93 ug/ml



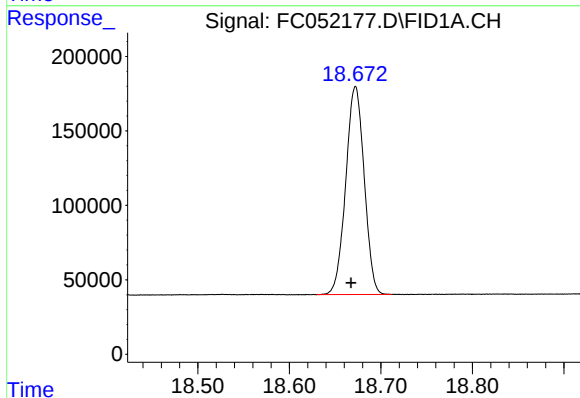
#17 n-Tricontane (C30)

R.T.: 17.837 min
Delta R.T.: 0.000 min
Response: 2039576
Conc: 17.26 ug/ml

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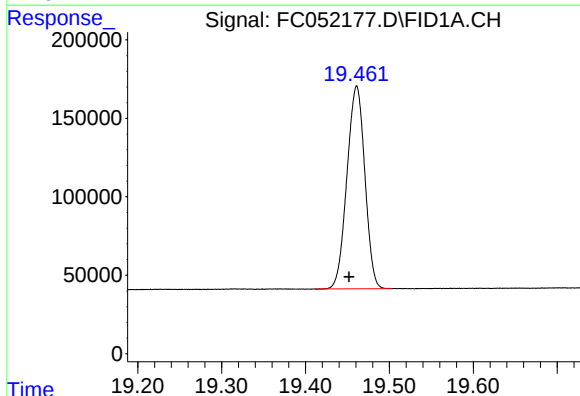
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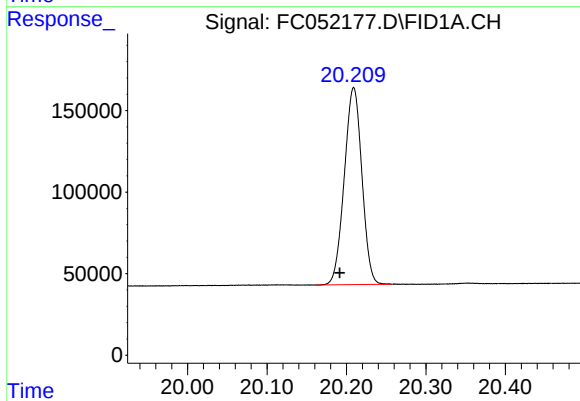
#18 n-Dotriacontane (C32)

R.T.: 18.672 min
Delta R.T.: 0.005 min
Response: 1957871
Conc: 16.70 ug/ml



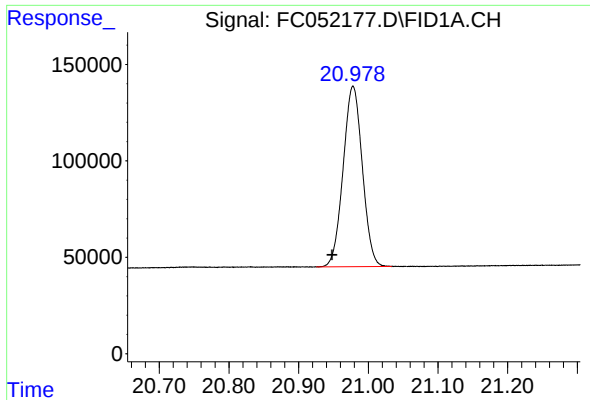
#19 n-Tetratriacontane (C34)

R.T.: 19.461 min
Delta R.T.: 0.009 min
Response: 1916359
Conc: 16.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.209 min
Delta R.T.: 0.017 min
Response: 1859088
Conc: 16.71 ug/ml



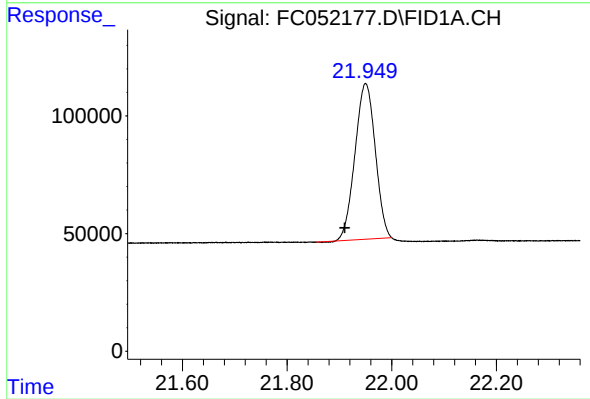
#21 n-Octatriacontane (C38)

R.T.: 20.978 min
Delta R.T.: 0.030 min
Response: 1789238
Conc: 17.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.950 min
Delta R.T.: 0.040 min
Response: 1782588
Conc: 17.29 ug/ml