

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090420AL\
 Data File : FC049461.D
 Signal(s) : FID1A.CH
 Acq On : 05 Sep 2020 1:57
 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

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 9/8/2020 2:37:25 PM

Integration File: sample.E
 Quant Time: Sep 05 04:25:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 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)	11.669	2404637	20.239 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
12) S 1-chlorooctadecane (S...	13.103	1949122	20.036 ug/ml
Spiked Amount 50.000		Recovery =	40.07%
Target Compounds			
1) T n-Nonane (C9)	3.401	2055301	19.706 ug/ml
2) T n-Decane (C10)	4.477	2137732	20.381 ug/ml
3) T A~Naphthalene (C11.7)	6.075	2454354	20.753 ug/ml
4) T n-Dodecane (C12)	6.502	2203440	20.774 ug/ml
5) T A~2-methylnaphthalene...	7.134	2517681	20.881 ug/ml
6) T n-Tetradecane (C14)	8.300	2220699	21.088 ug/ml
7) T n-Hexadecane (C16)	9.903	2225500	21.203 ug/ml
8) T n-Octadecane (C18)	11.347	2320305	21.121 ug/ml
10) T n-Eicosane (C20)	12.656	2296186	20.634 ug/ml
11) T n-Heneicosane (C21)	13.269	2265818	20.283 ug/ml
13) T n-Docosane (C22)	13.855	2244115	19.965 ug/ml
14) T n-Tetracosane (C24)	14.956	2192369	19.284 ug/ml
15) T n-Hexacosane (C26)	15.977	2106414	18.410 ug/ml
16) T n-Octacosane (C28)	16.926	2085717	17.928 ug/ml
17) T n-Tricontane (C30)	17.811	2087570	18.059 ug/ml
18) T n-Dotriacontane (C32)	18.642	1950339	18.038 ug/ml
19) T n-Tetratriacontane (C34)	19.424	1835541	17.697 ug/ml
20) T n-Hexatriacontane (C36)	20.163	1752568	17.626 ug/mlm
21) T n-Octatriacontane (C38)	20.917	1672771	17.690 ug/ml
22) T n-Tetracontane (C40)	21.859	1706258	17.873 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

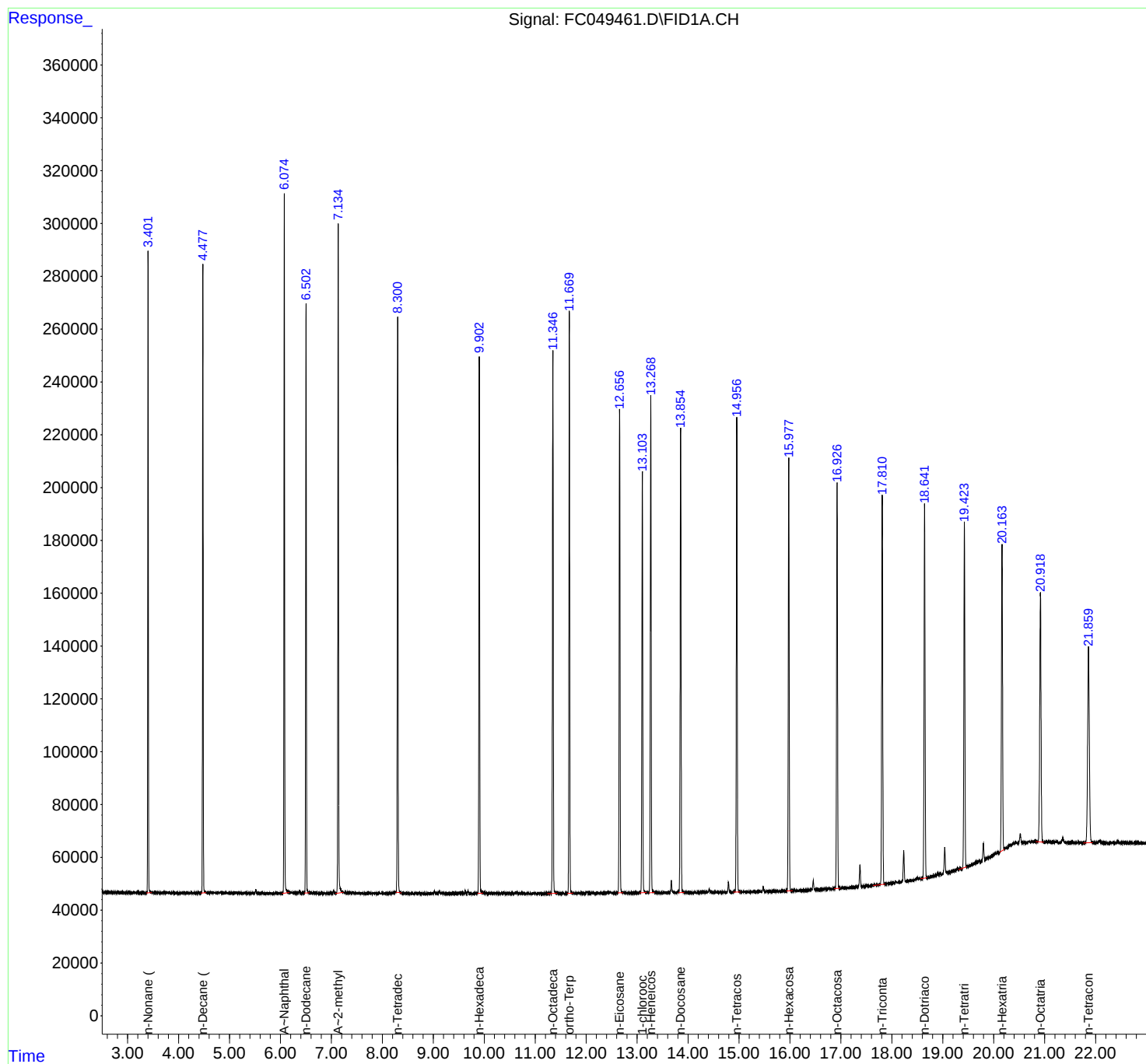
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

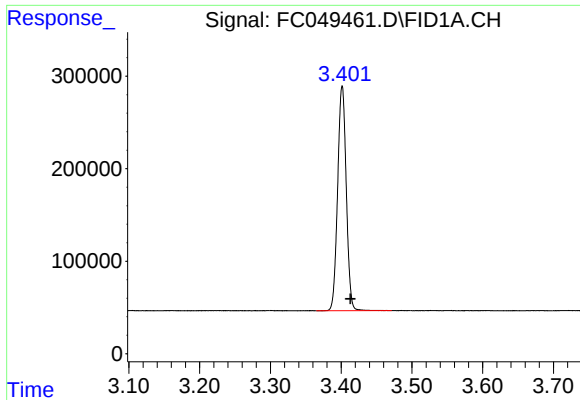
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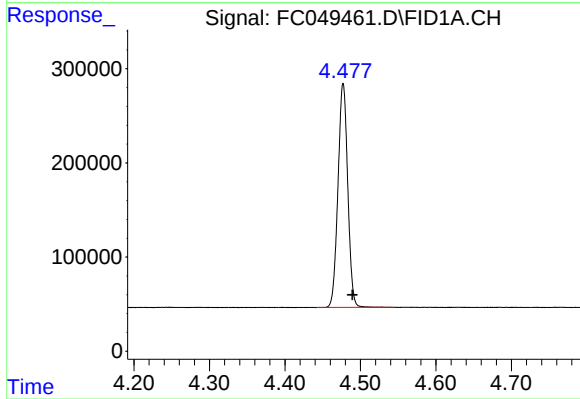
#1 n-Nonane (C9)

R.T.: 3.401 min
Delta R.T.: -0.012 min
Response: 2055301
Conc: 19.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

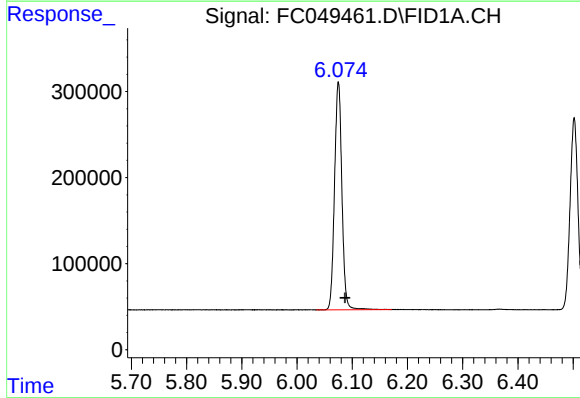
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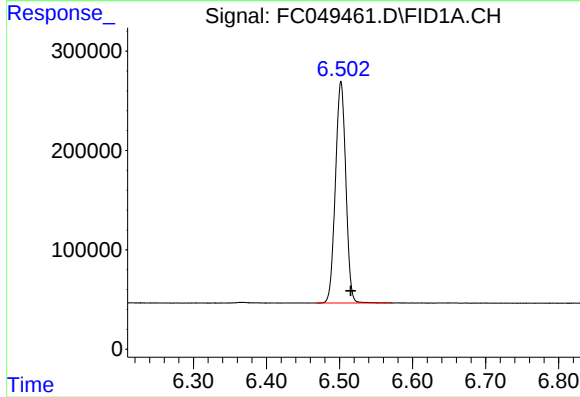
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: -0.012 min
Response: 2137732
Conc: 20.38 ug/ml



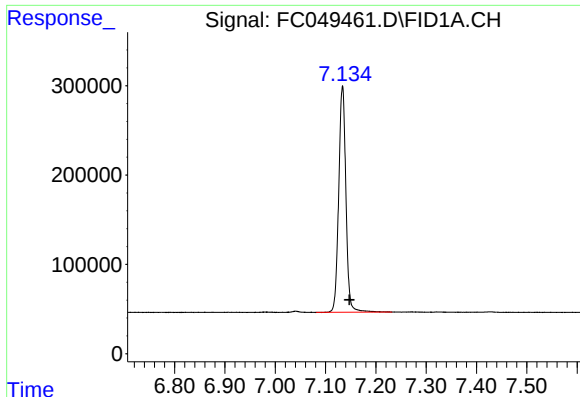
#3 A~Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.012 min
Response: 2454354
Conc: 20.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.502 min
Delta R.T.: -0.013 min
Response: 2203440
Conc: 20.77 ug/ml



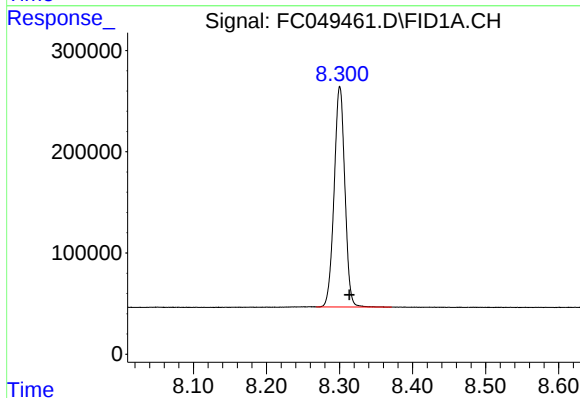
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.134 min
Delta R.T.: -0.014 min
Response: 2517681
Conc: 20.88 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

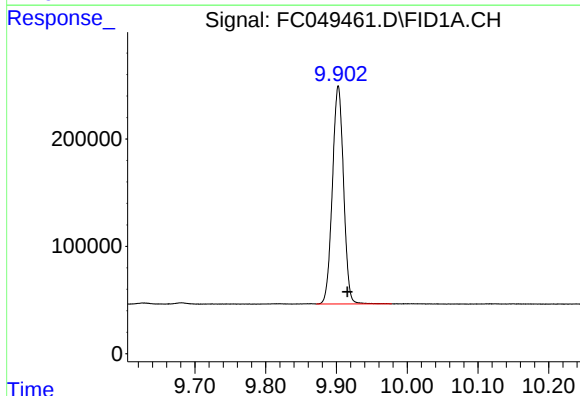
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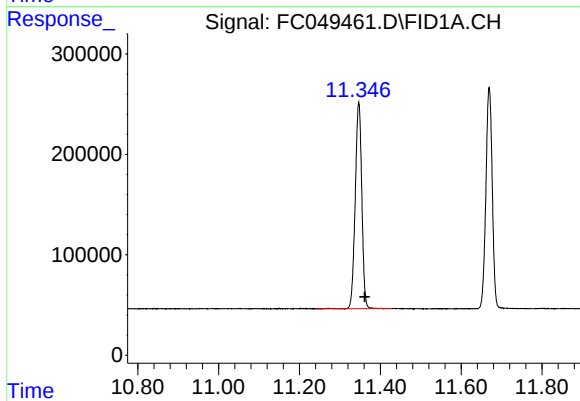
#6 n-Tetradecane (C14)

R.T.: 8.300 min
Delta R.T.: -0.013 min
Response: 2220699
Conc: 21.09 ug/ml



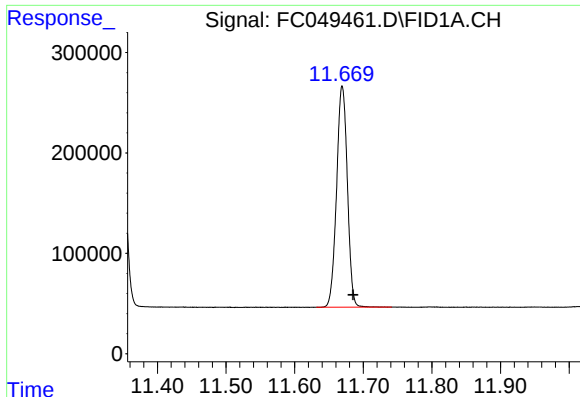
#7 n-Hexadecane (C16)

R.T.: 9.903 min
Delta R.T.: -0.013 min
Response: 2225500
Conc: 21.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.347 min
Delta R.T.: -0.014 min
Response: 2320305
Conc: 21.12 ug/ml



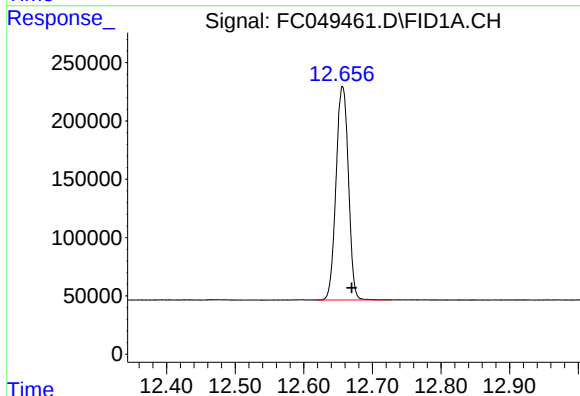
#9 ortho-Terphenyl (SURR)

R.T.: 11.669 min
Delta R.T.: -0.016 min
Response: 2404637
Conc: 20.24 ug/ml

Instrument :
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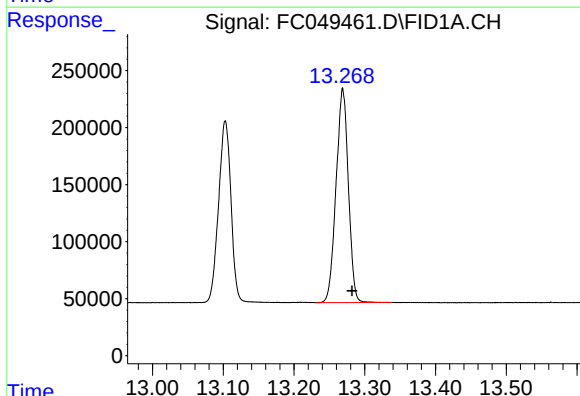
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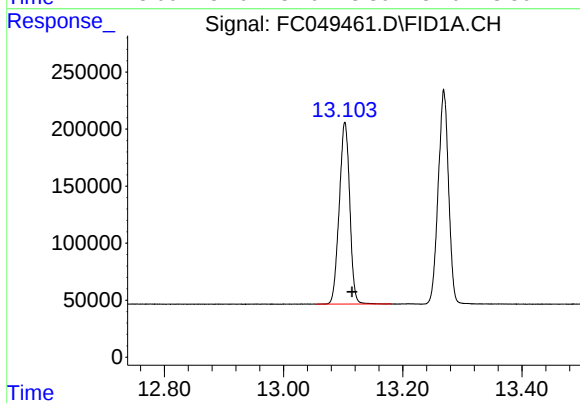
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: -0.013 min
Response: 2296186
Conc: 20.63 ug/ml



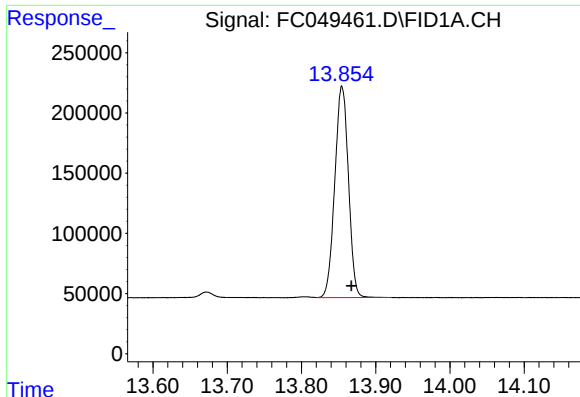
#11 n-Heneicosane (C21)

R.T.: 13.269 min
Delta R.T.: -0.013 min
Response: 2265818
Conc: 20.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.103 min
Delta R.T.: -0.012 min
Response: 1949122
Conc: 20.04 ug/ml



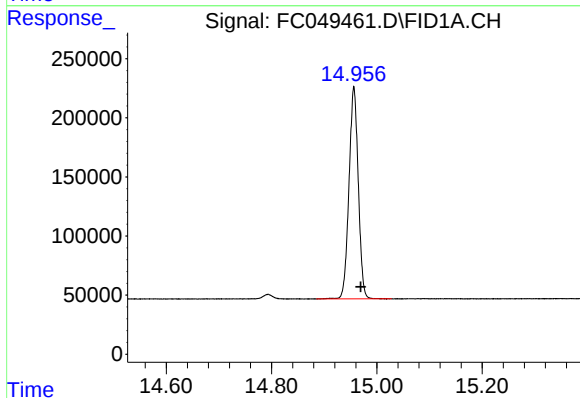
#13 n-Docosane (C22)

R.T.: 13.855 min
Delta R.T.: -0.013 min
Response: 2244115
Conc: 19.97 ug/ml

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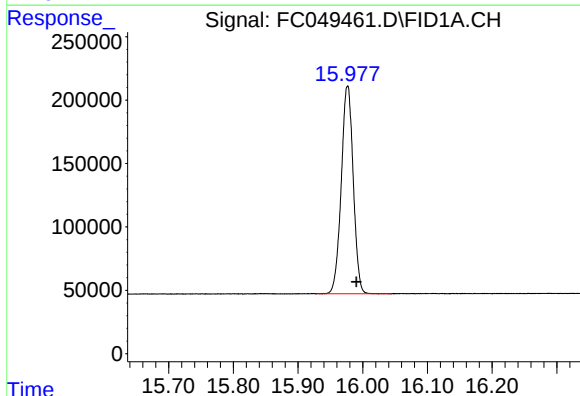
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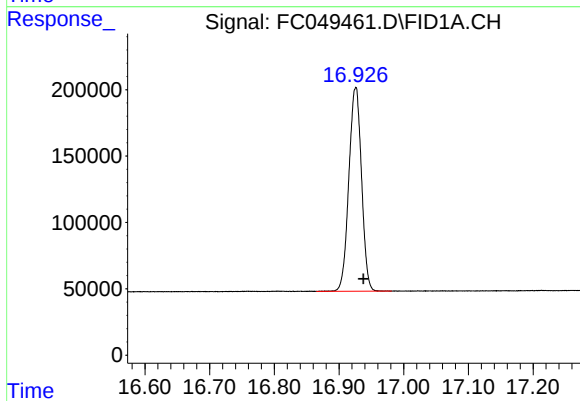
#14 n-Tetracosane (C24)

R.T.: 14.956 min
Delta R.T.: -0.013 min
Response: 2192369
Conc: 19.28 ug/ml



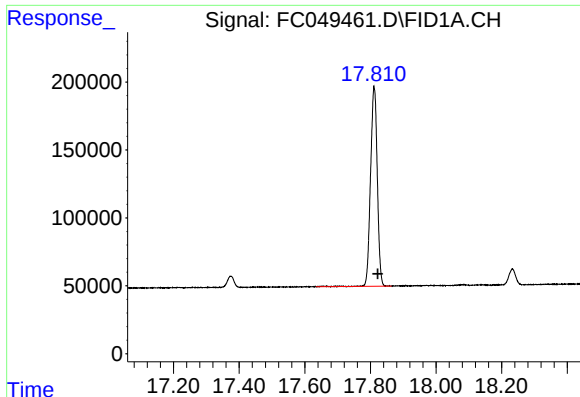
#15 n-Hexacosane (C26)

R.T.: 15.977 min
Delta R.T.: -0.014 min
Response: 2106414
Conc: 18.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.926 min
Delta R.T.: -0.012 min
Response: 2085717
Conc: 17.93 ug/ml



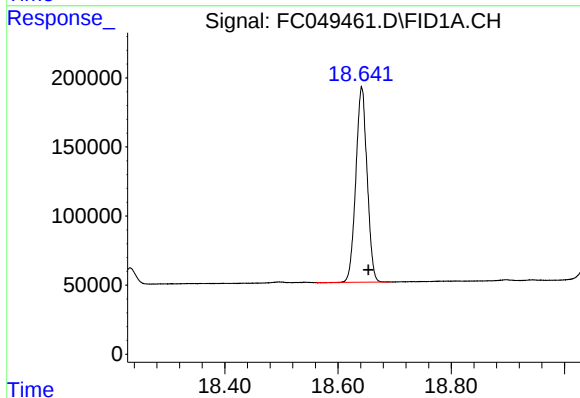
#17 n-Tricontane (C30)

R.T.: 17.811 min
Delta R.T.: -0.011 min
Response: 2087570
Conc: 18.06 ug/ml

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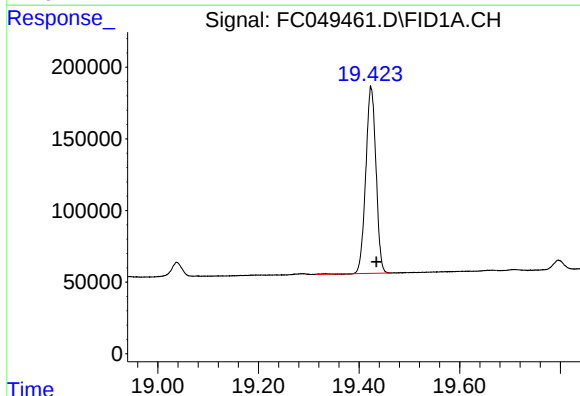
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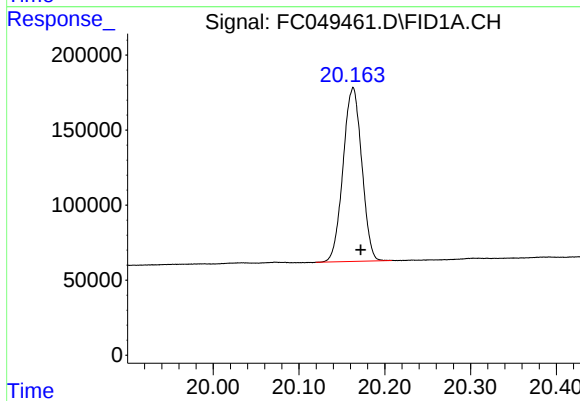
#18 n-Dotriacontane (C32)

R.T.: 18.642 min
Delta R.T.: -0.012 min
Response: 1950339
Conc: 18.04 ug/ml



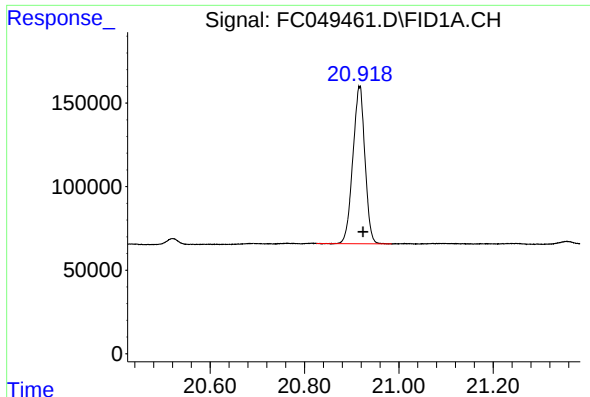
#19 n-Tetratriacontane (C34)

R.T.: 19.424 min
Delta R.T.: -0.010 min
Response: 1835541
Conc: 17.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.163 min
Delta R.T.: -0.009 min
Response: 1752568
Conc: 17.63 ug/ml m



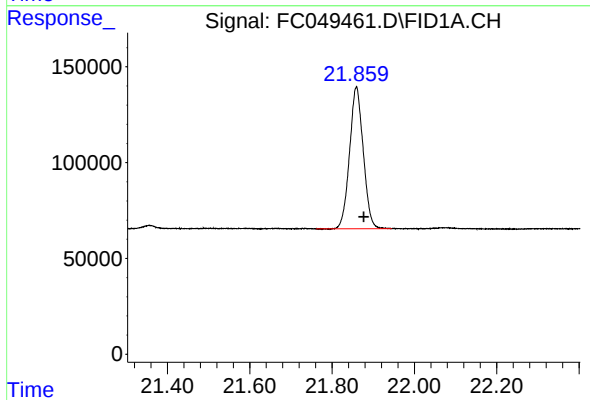
#21 n-Octatriacontane (C38)

R.T.: 20.917 min
Delta R.T.: -0.008 min
Response: 1672771
Conc: 17.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.859 min
Delta R.T.: -0.018 min
Response: 1706258
Conc: 17.87 ug/ml