

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072220AL\
 Data File : FC048598.D
 Signal(s) : FID1A.CH
 Acq On : 22 Jul 2020 14:24
 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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 7/23/2020 1:08:30 PM

Integration File: autoint1.e
 Quant Time: Jul 23 01:50:56 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 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)	11.679	2560215	18.654 ug/ml
Spiked Amount 50.000		Recovery =	37.31%
12) S 1-chlorooctadecane (S...	13.112	2058221	18.265 ug/ml
Spiked Amount 50.000		Recovery =	36.53%
Target Compounds			
1) T n-Nonane (C9)	3.416	2435742	20.433 ug/ml
2) T n-Decane (C10)	4.490	2475081	20.562 ug/ml
3) T A~Naphthalene (C11.7)	6.085	2765371	20.550 ug/ml
4) T n-Dodecane (C12)	6.514	2514141	20.550 ug/ml
5) T A~2-methylnaphthalene...	7.144	2812908	20.408 ug/ml
6) T n-Tetradecane (C14)	8.312	2494119	20.247 ug/ml
7) T n-Hexadecane (C16)	9.915	2434167	19.885 ug/ml
8) T n-Octadecane (C18)	11.358	2481746	19.391 ug/ml
10) T n-Eicosane (C20)	12.667	2428591	18.777 ug/ml
11) T n-Heneicosane (C21)	13.279	2388723	18.428 ug/ml
13) T n-Docosane (C22)	13.864	2350869	18.106 ug/ml
14) T n-Tetracosane (C24)	14.967	2264430	17.274 ug/ml
15) T n-Hexacosane (C26)	15.987	2162290	16.629 ug/ml
16) T n-Octacosane (C28)	16.935	2096607	16.045 ug/ml
17) T n-Tricontane (C30)	17.820	2013949	15.666 ug/ml
18) T n-Dotriacontane (C32)	18.654	1834911	15.532 ug/ml
19) T n-Tetratriacontane (C34)	19.434	1714257	15.358 ug/ml
20) T n-Hexatriacontane (C36)	20.170	1640195	15.595 ug/mlm
21) T n-Octatriacontane (C38)	20.928	1583308	16.128 ug/ml
22) T n-Tetracontane (C40)	21.876	1636571	16.841 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

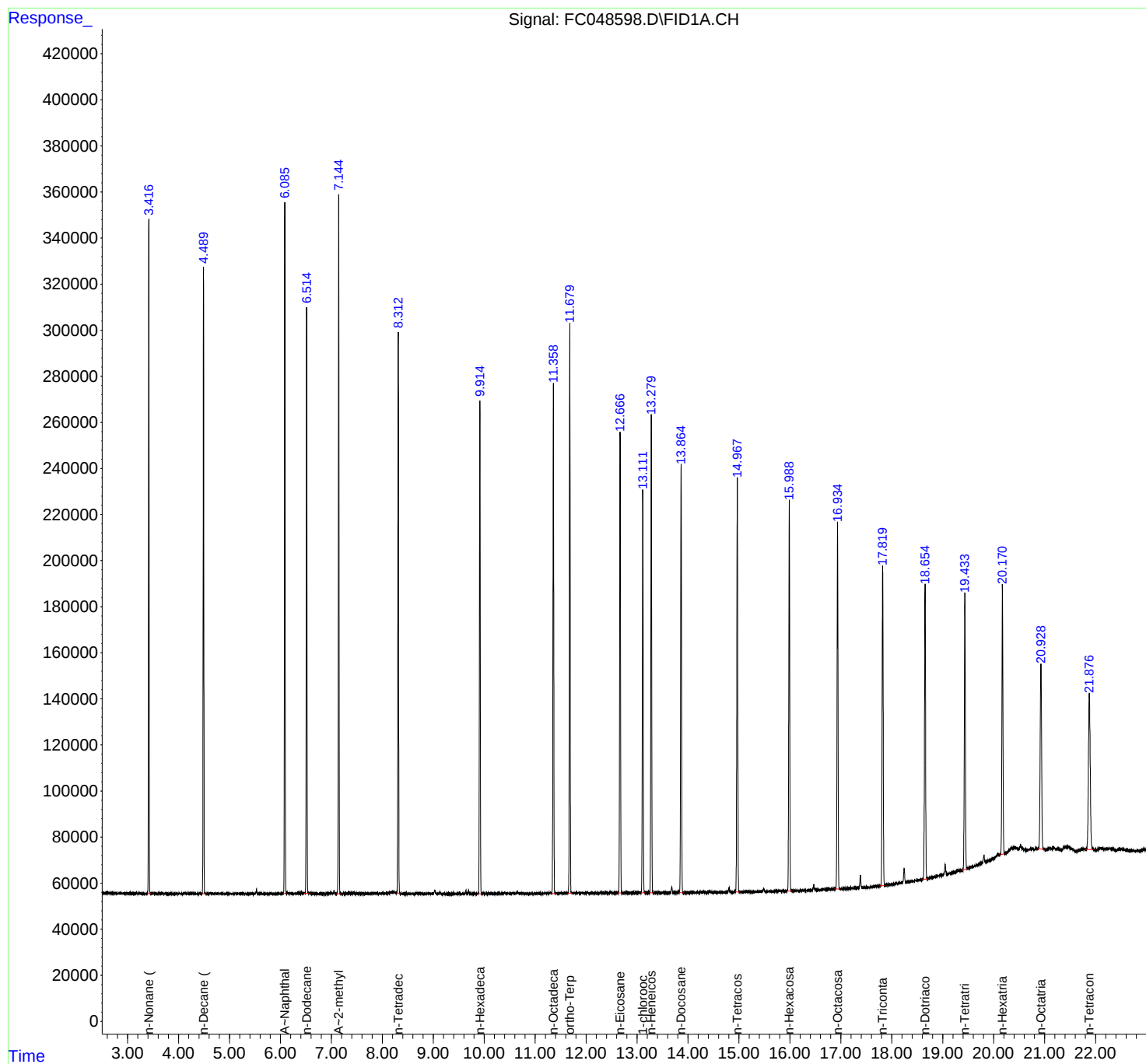
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

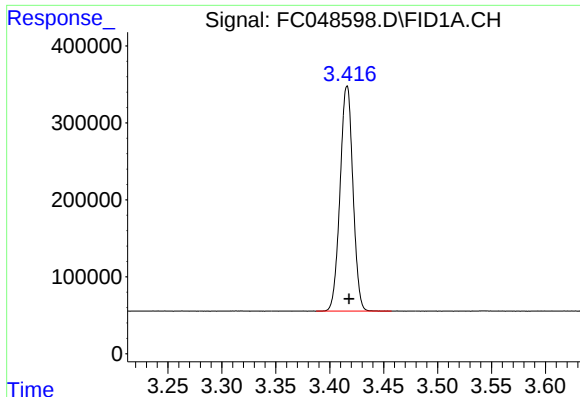
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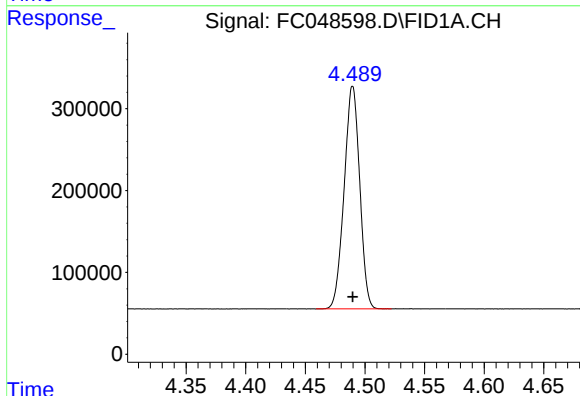
#1 n-Nonane (C9)

R.T.: 3.416 min
Delta R.T.: -0.002 min
Response: 2435742
Conc: 20.43 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

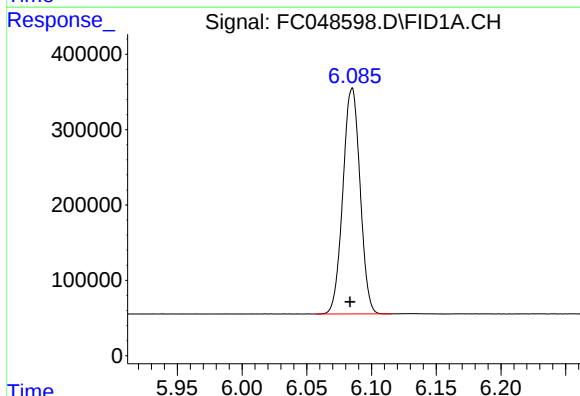
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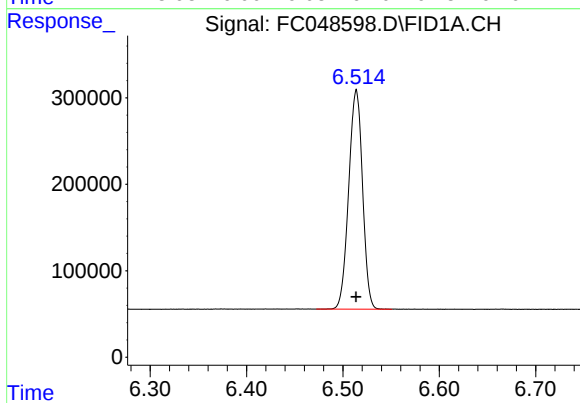
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 2475081
Conc: 20.56 ug/ml



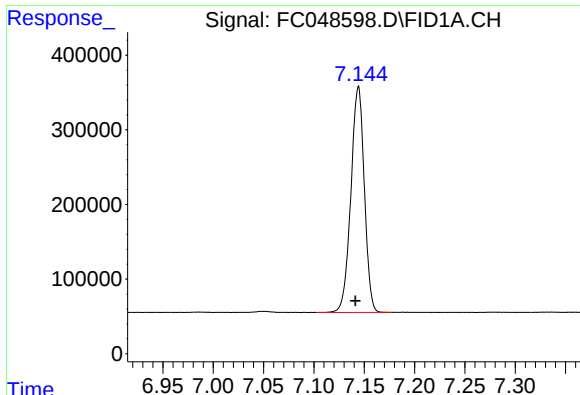
#3 A~Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: 0.002 min
Response: 2765371
Conc: 20.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.514 min
Delta R.T.: 0.000 min
Response: 2514141
Conc: 20.55 ug/ml



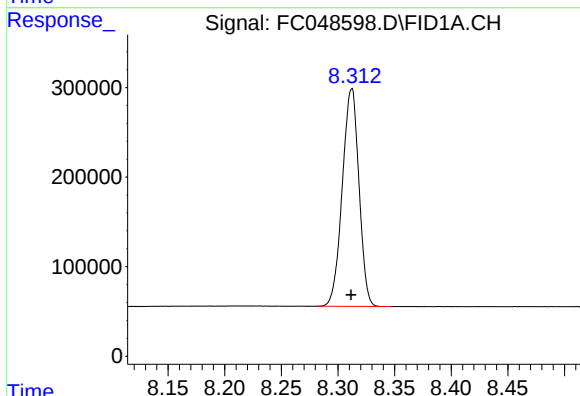
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.144 min
Delta R.T.: 0.003 min
Response: 2812908
Conc: 20.41 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

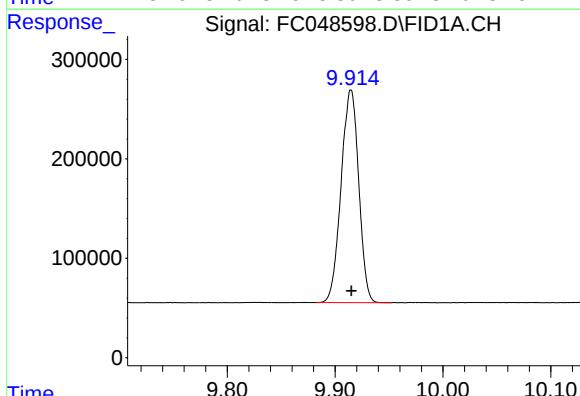
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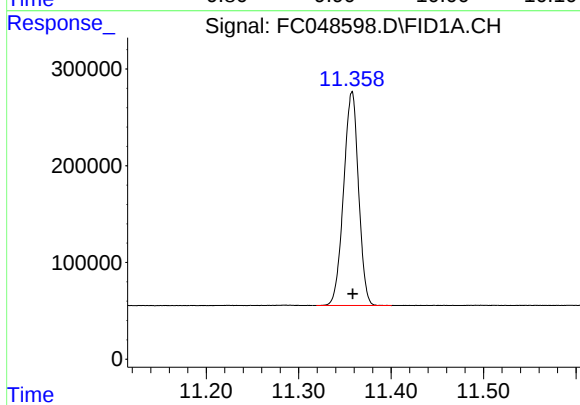
#6 n-Tetradecane (C14)

R.T.: 8.312 min
Delta R.T.: 0.000 min
Response: 2494119
Conc: 20.25 ug/ml



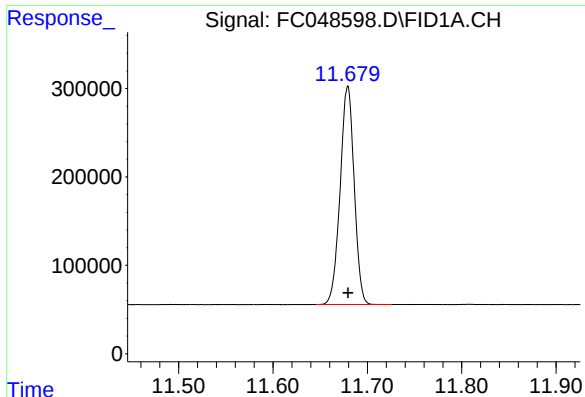
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: 0.000 min
Response: 2434167
Conc: 19.88 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.358 min
Delta R.T.: 0.000 min
Response: 2481746
Conc: 19.39 ug/ml



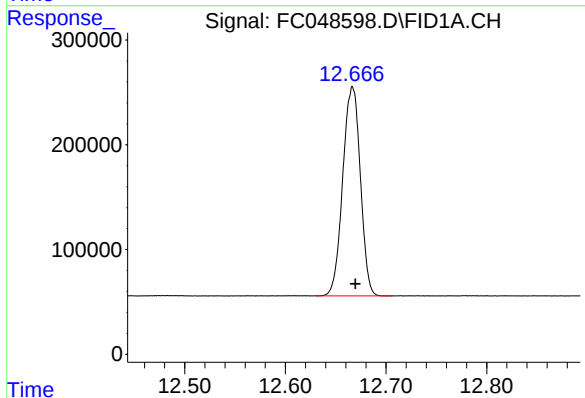
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: 0.000 min
Response: 2560215
Conc: 18.65 ug/ml

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20 PPM ALIPHATIC HC STD

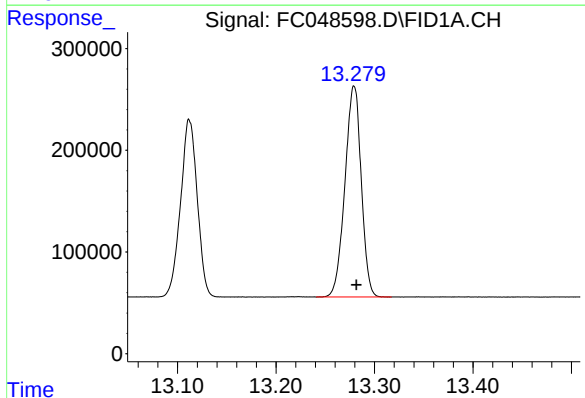
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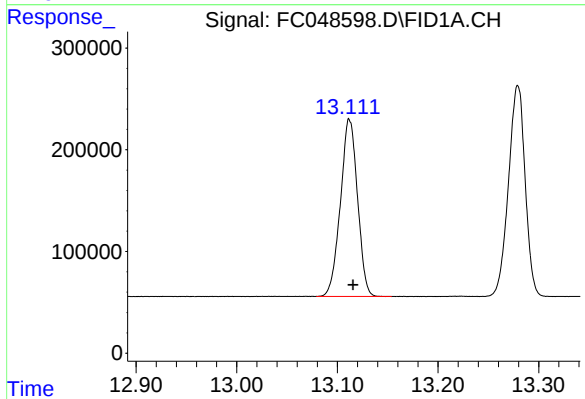
#10 n-Eicosane (C20)

R.T.: 12.667 min
Delta R.T.: -0.003 min
Response: 2428591
Conc: 18.78 ug/ml



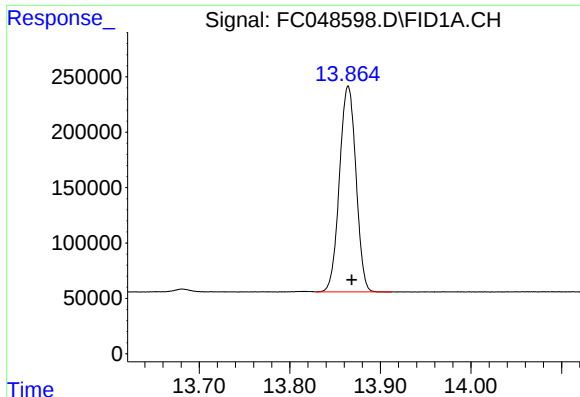
#11 n-Heneicosane (C21)

R.T.: 13.279 min
Delta R.T.: -0.002 min
Response: 2388723
Conc: 18.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.112 min
Delta R.T.: -0.004 min
Response: 2058221
Conc: 18.26 ug/ml



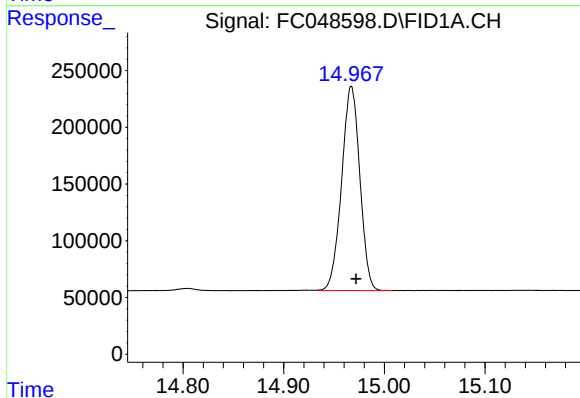
#13 n-Docosane (C22)

R.T.: 13.864 min
Delta R.T.: -0.004 min
Response: 2350869
Conc: 18.11 ug/ml

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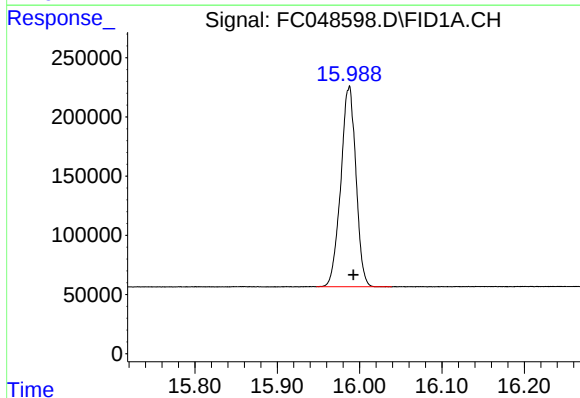
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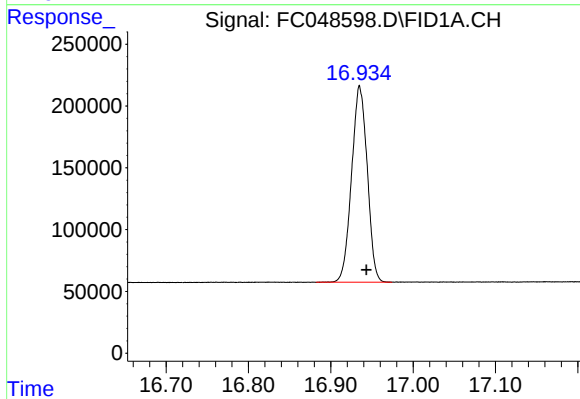
#14 n-Tetracosane (C24)

R.T.: 14.967 min
Delta R.T.: -0.005 min
Response: 2264430
Conc: 17.27 ug/ml



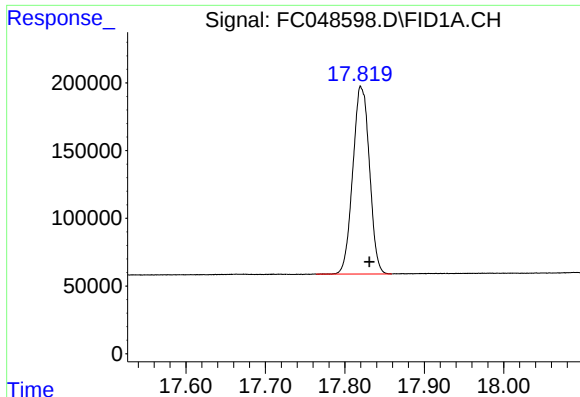
#15 n-Hexacosane (C26)

R.T.: 15.987 min
Delta R.T.: -0.005 min
Response: 2162290
Conc: 16.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.935 min
Delta R.T.: -0.008 min
Response: 2096607
Conc: 16.05 ug/ml



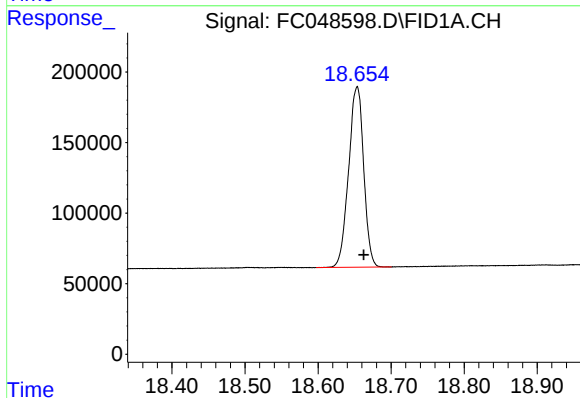
#17 n-Tricontane (C30)

R.T.: 17.820 min
Delta R.T.: -0.011 min
Response: 2013949
Conc: 15.67 ug/ml

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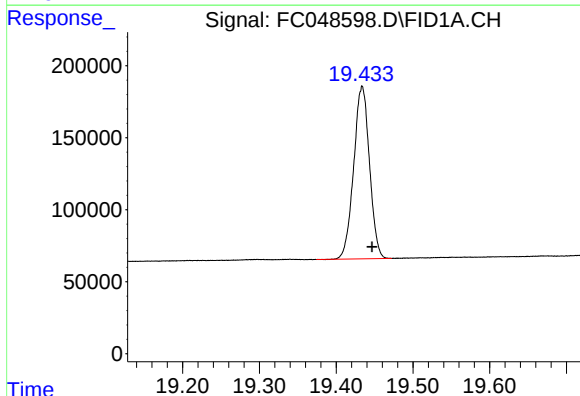
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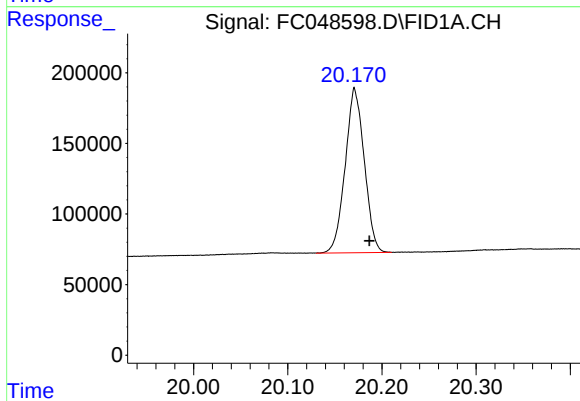
#18 n-Dotriacontane (C32)

R.T.: 18.654 min
Delta R.T.: -0.009 min
Response: 1834911
Conc: 15.53 ug/ml



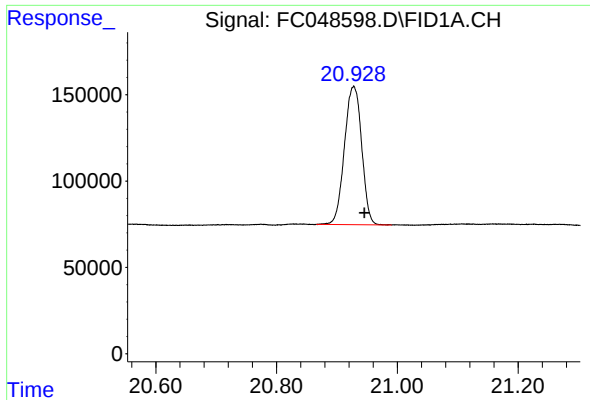
#19 n-Tetratriacontane (C34)

R.T.: 19.434 min
Delta R.T.: -0.013 min
Response: 1714257
Conc: 15.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.170 min
Delta R.T.: -0.017 min
Response: 1640195
Conc: 15.59 ug/ml m



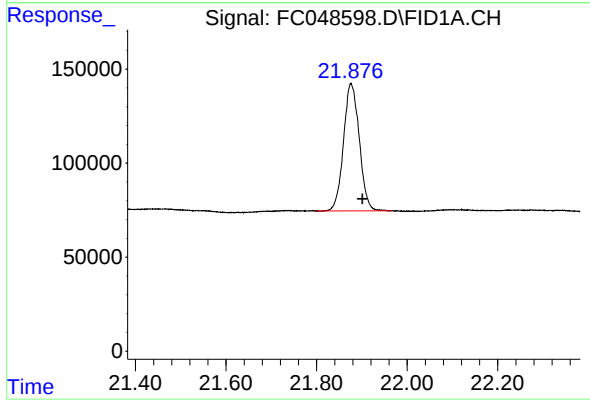
#21 n-Octatriacontane (C38)

R.T.: 20.928 min
Delta R.T.: -0.018 min
Response: 1583308
Conc: 16.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.876 min
Delta R.T.: -0.025 min
Response: 1636571
Conc: 16.84 ug/ml