

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103020AL\
 Data File : FC050500.D
 Signal(s) : FID1A.CH
 Acq On : 31 Oct 2020 13:19
 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

Manual Integrations
 APPROVED

Ankita
 11/3/2020 9:18:14 AM

Integration File: sample.E
 Quant Time: Nov 02 11:20:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 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)	11.617	2363274	21.083 ug/ml
Spiked Amount 50.000		Recovery =	42.17%
12) S 1-chlorooctadecane (S...	13.050	1826697	21.088 ug/ml
Spiked Amount 50.000		Recovery =	42.18%
Target Compounds			
1) T n-Nonane (C9)	3.366	2148150	21.677 ug/ml
2) T n-Decane (C10)	4.438	2188652	21.983 ug/ml
3) T A~Naphthalene (C11.7)	6.031	2404821	21.819 ug/ml
4) T n-Dodecane (C12)	6.458	2237902	22.179 ug/ml
5) T A~2-methylnaphthalene...	7.088	2432252	21.852 ug/ml
6) T n-Tetradecane (C14)	8.255	2213381	22.094 ug/ml
7) T n-Hexadecane (C16)	9.855	2171923	22.037 ug/ml
8) T n-Octadecane (C18)	11.296	2251318	21.799 ug/ml
10) T n-Eicosane (C20)	12.605	2231278	21.443 ug/ml
11) T n-Heneicosane (C21)	13.217	2201809	21.188 ug/ml
13) T n-Docosane (C22)	13.803	2190920	21.106 ug/ml
14) T n-Tetracosane (C24)	14.905	2165466	20.848 ug/ml
15) T n-Hexacosane (C26)	15.924	2102443	20.403 ug/ml
16) T n-Octacosane (C28)	16.874	2074885	20.048 ug/ml
17) T n-Tricontane (C30)	17.759	2034969	19.941 ug/ml
18) T n-Dotriacontane (C32)	18.589	1922148	20.008 ug/ml
19) T n-Tetratriacontane (C34)	19.370	1832933	19.983 ug/mlm
20) T n-Hexatriacontane (C36)	20.108	1761879	19.891 ug/mlm
21) T n-Octatriacontane (C38)	20.852	1642390	19.918 ug/ml
22) T n-Tetracontane (C40)	21.778	1724822	20.627 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103020AL\
Data File : FC050500.D
Signal(s) : FID1A.CH
Acq On : 31 Oct 2020 13:19
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

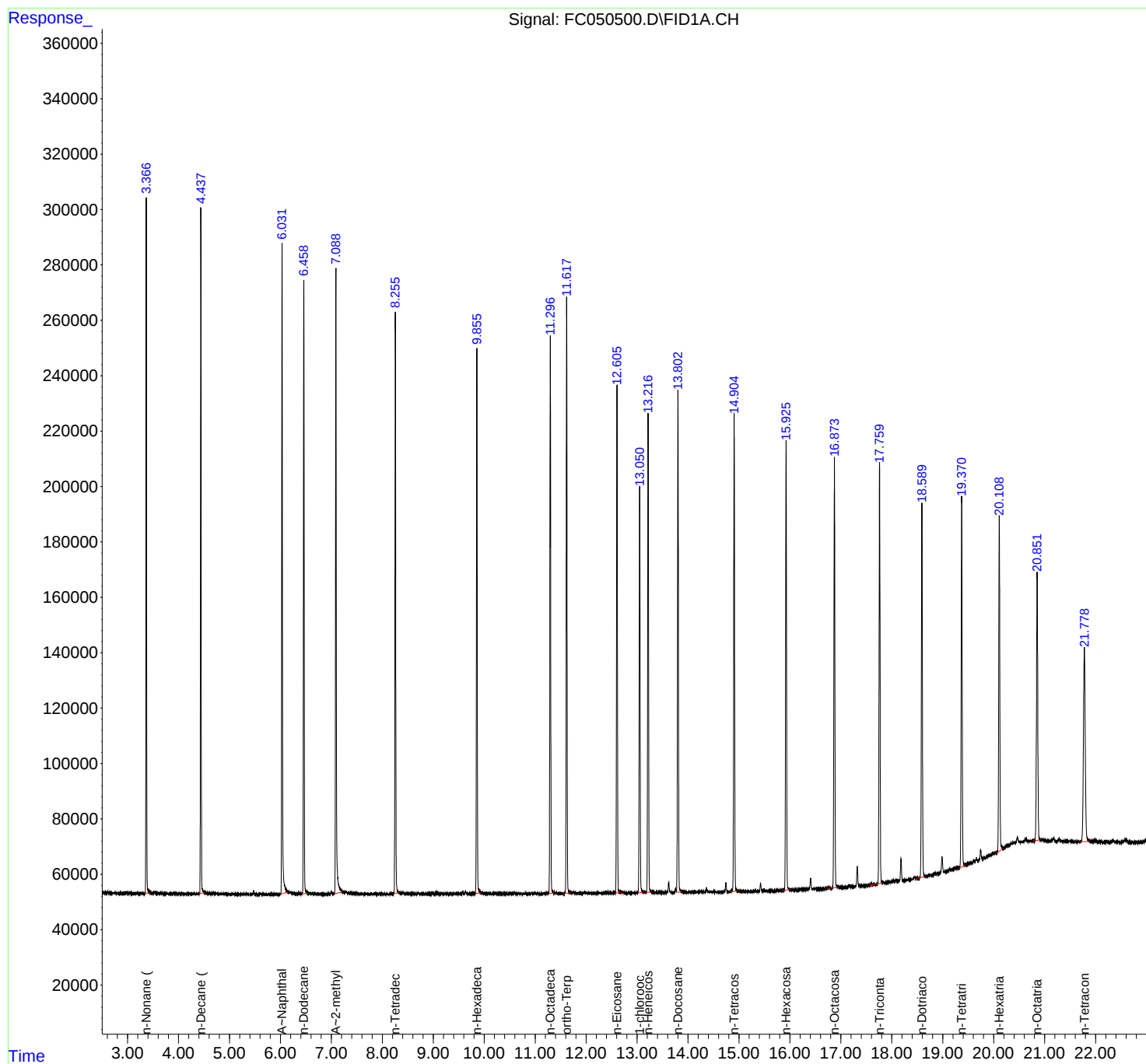
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

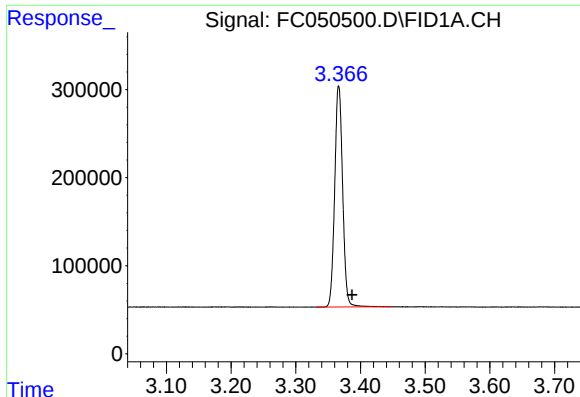
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Integration File: sample.E
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100620.M
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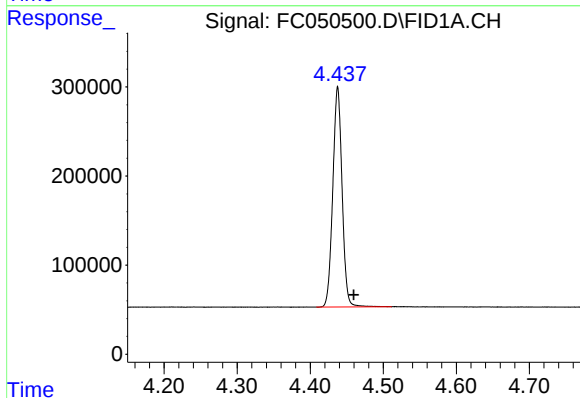
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: -0.021 min
Response: 2148150
Conc: 21.68 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

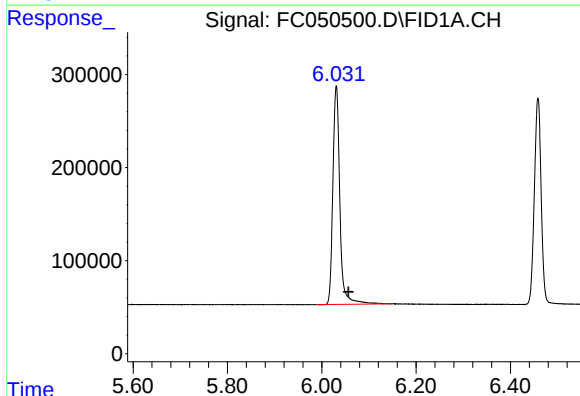
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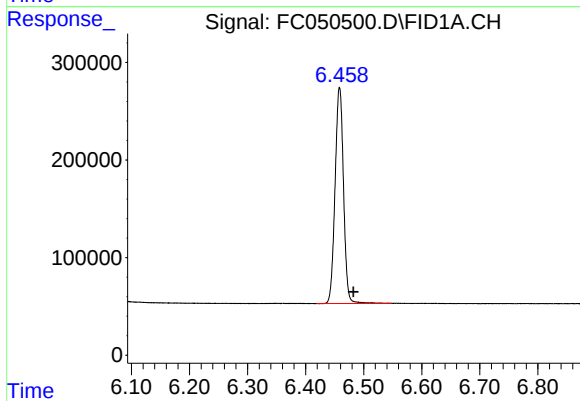
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: -0.022 min
Response: 2188652
Conc: 21.98 ug/ml



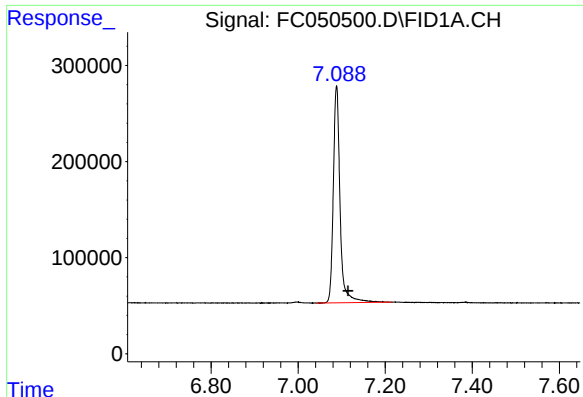
#3 A~Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.025 min
Response: 2404821
Conc: 21.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.458 min
Delta R.T.: -0.024 min
Response: 2237902
Conc: 22.18 ug/ml



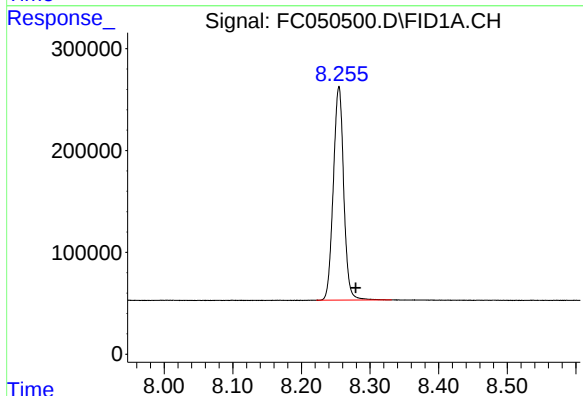
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: -0.026 min
Response: 2432252
Conc: 21.85 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

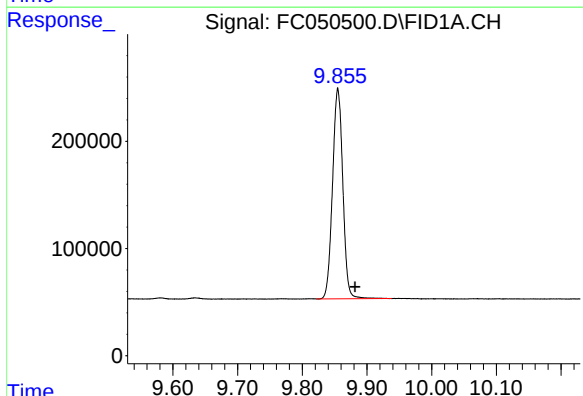
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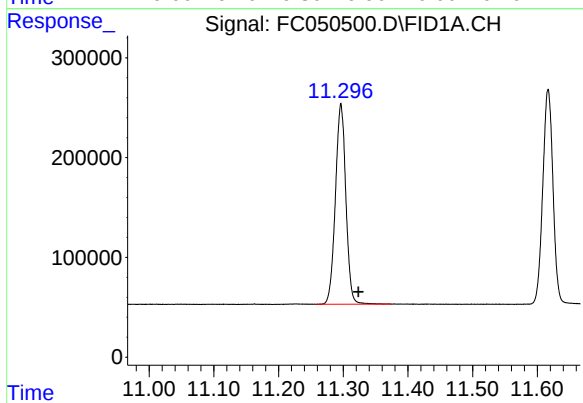
#6 n-Tetradecane (C14)

R.T.: 8.255 min
Delta R.T.: -0.024 min
Response: 2213381
Conc: 22.09 ug/ml



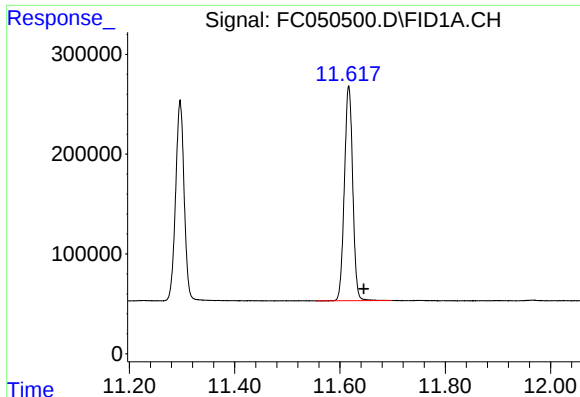
#7 n-Hexadecane (C16)

R.T.: 9.855 min
Delta R.T.: -0.026 min
Response: 2171923
Conc: 22.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.296 min
Delta R.T.: -0.027 min
Response: 2251318
Conc: 21.80 ug/ml



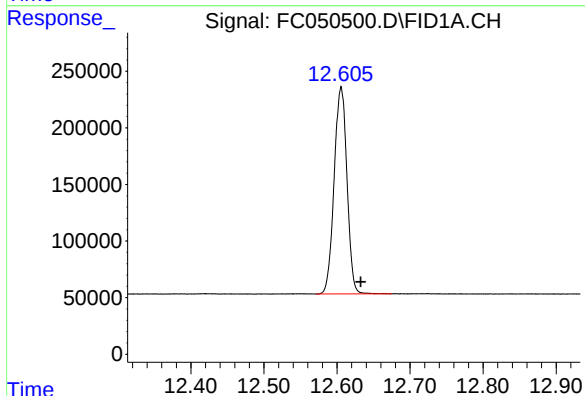
#9 ortho-Terphenyl (SURR)

R.T.: 11.617 min
Delta R.T.: -0.028 min
Response: 2363274
Conc: 21.08 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

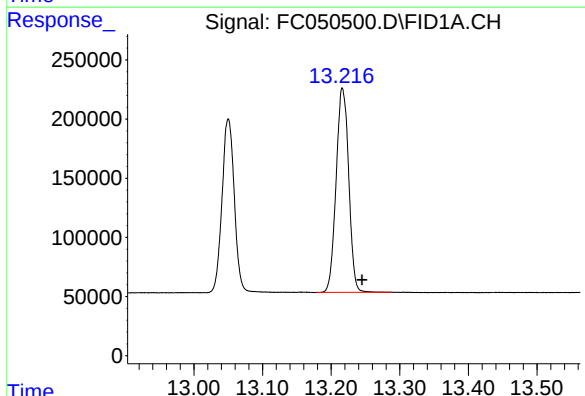
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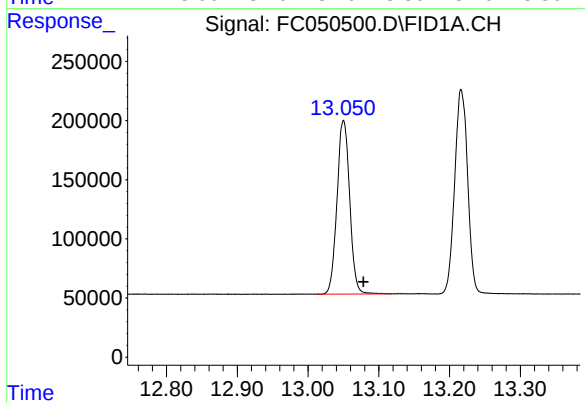
#10 n-Eicosane (C20)

R.T.: 12.605 min
Delta R.T.: -0.027 min
Response: 2231278
Conc: 21.44 ug/ml



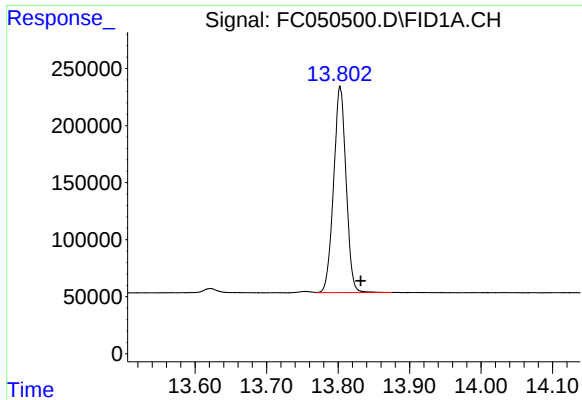
#11 n-Heneicosane (C21)

R.T.: 13.217 min
Delta R.T.: -0.028 min
Response: 2201809
Conc: 21.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.050 min
Delta R.T.: -0.028 min
Response: 1826697
Conc: 21.09 ug/ml



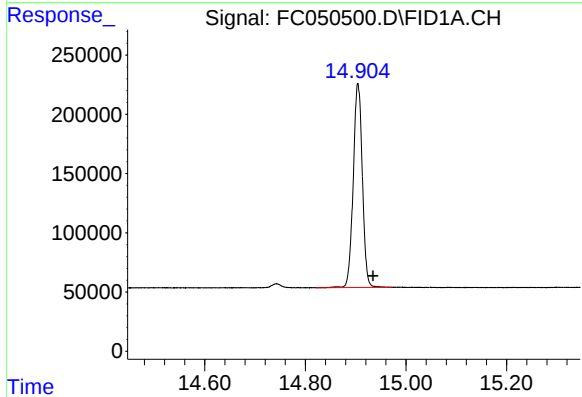
#13 n-Docosane (C22)

R.T.: 13.803 min
Delta R.T.: -0.029 min
Response: 2190920
Conc: 21.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

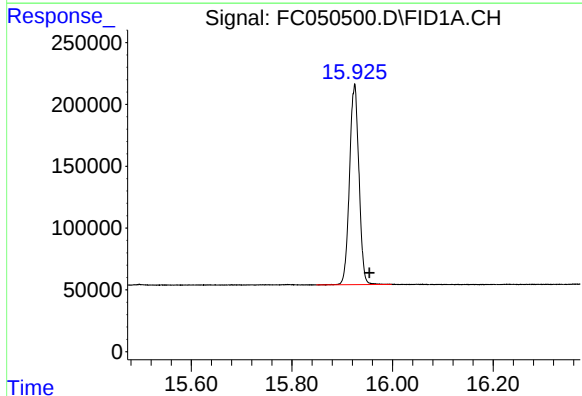
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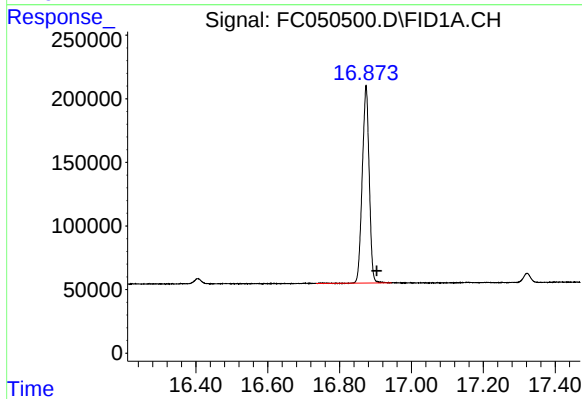
#14 n-Tetracosane (C24)

R.T.: 14.905 min
Delta R.T.: -0.030 min
Response: 2165466
Conc: 20.85 ug/ml



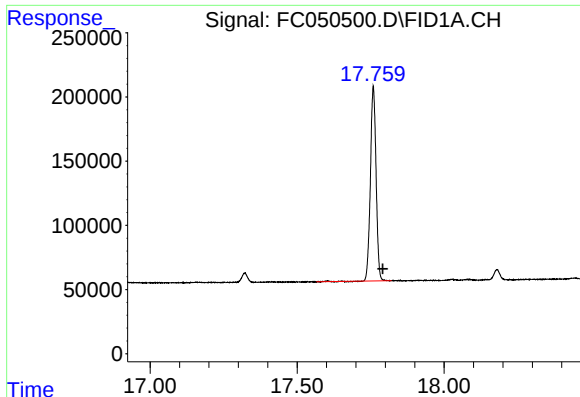
#15 n-Hexacosane (C26)

R.T.: 15.924 min
Delta R.T.: -0.030 min
Response: 2102443
Conc: 20.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.874 min
Delta R.T.: -0.030 min
Response: 2074885
Conc: 20.05 ug/ml



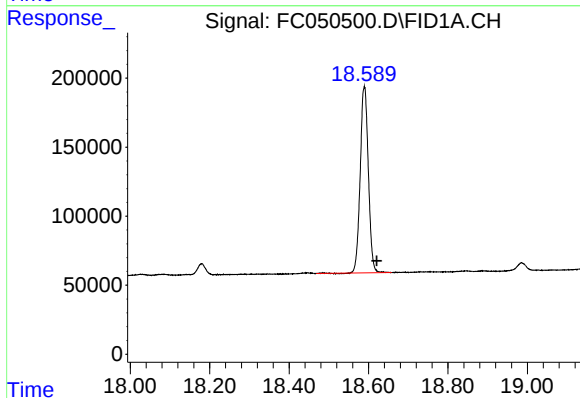
#17 n-Tricontane (C30)

R.T.: 17.759 min
Delta R.T.: -0.032 min
Response: 2034969
Conc: 19.94 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

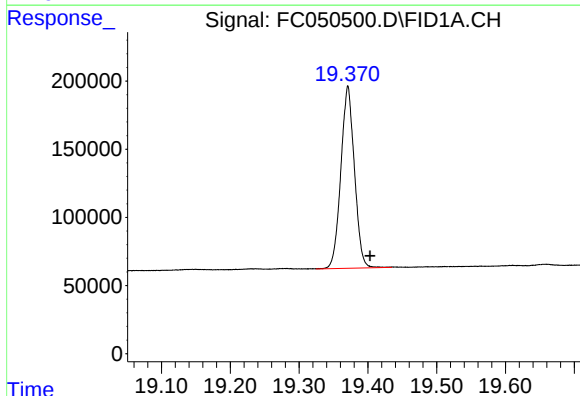
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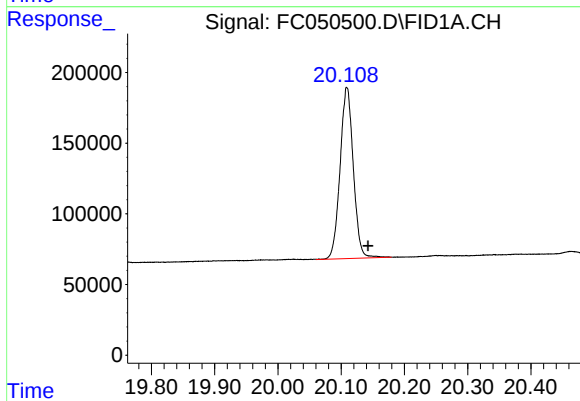
#18 n-Dotriacontane (C32)

R.T.: 18.589 min
Delta R.T.: -0.032 min
Response: 1922148
Conc: 20.01 ug/ml



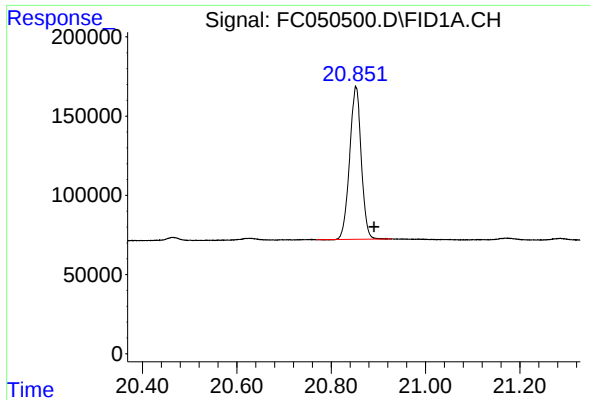
#19 n-Tetratriacontane (C34)

R.T.: 19.370 min
Delta R.T.: -0.033 min
Response: 1832933
Conc: 19.98 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.108 min
Delta R.T.: -0.034 min
Response: 1761879
Conc: 19.89 ug/ml m



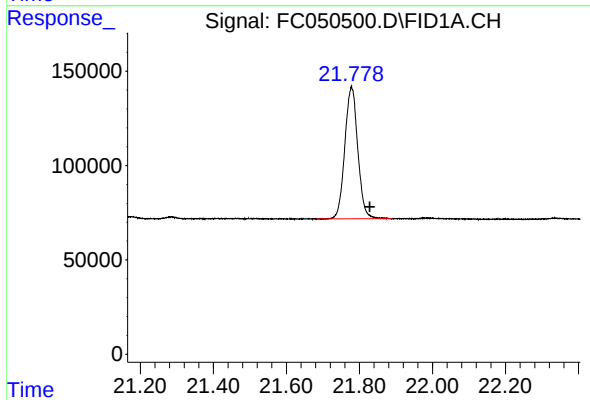
#21 n-Octatriacontane (C38)

R.T.: 20.852 min
Delta R.T.: -0.039 min
Response: 1642390
Conc: 19.92 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.778 min
Delta R.T.: -0.050 min
Response: 1724822
Conc: 20.63 ug/ml