

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062620AL\
 Data File : FC048135.D
 Signal(s) : FID1A.CH
 Acq On : 27 Jun 2020 8:27
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
 APPROVED

Integration File: autoint1.e
 Quant Time: Jun 29 01:42:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 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)	11.719	2220941	18.515 ug/ml
Spiked Amount 50.000		Recovery =	37.03%
12) S 1-chlorooctadecane (S...	13.131	1789577	18.273 ug/ml
Spiked Amount 50.000		Recovery =	36.55%
Target Compounds			
1) T n-Nonane (C9)	3.534	2045957	20.445 ug/ml
2) T n-Decane (C10)	4.595	2072764	20.629 ug/ml
3) T A-Naphthalene (C11.7)	6.196	2019042	20.011 ug/ml
4) T n-Dodecane (C12)	6.594	2173625	20.764 ug/ml
5) T A~2-methylnaphthalene...	7.243	2027620	19.589 ug/ml
6) T n-Tetradecane (C14)	8.370	2179493	20.766 ug/ml
7) T n-Hexadecane (C16)	9.956	2129269	20.380 ug/ml
8) T n-Octadecane (C18)	11.387	2182827	19.637 ug/ml
10) T n-Eicosane (C20)	12.684	2142427	18.826 ug/ml
11) T n-Heneicosane (C21)	13.293	2108830	18.428 ug/ml
13) T n-Docosane (C22)	13.874	2064010	17.994 ug/ml
14) T n-Tetracosane (C24)	14.970	1975775	17.193 ug/ml
15) T n-Hexacosane (C26)	15.983	1889078	16.538 ug/ml
16) T n-Octacosane (C28)	16.929	1855318	16.324 ug/ml
17) T n-Tricontane (C30)	17.809	1813386	16.546 ug/ml
18) T n-Dotriacontane (C32)	18.636	1685160	16.999 ug/ml
19) T n-Tetratriacontane (C34)	19.416	1616352	17.649 ug/ml
20) T n-Hexatriacontane (C36)	20.151	1566147	18.262 ug/ml
21) T n-Octatriacontane (C38)	20.898	1508594	18.944 ug/ml
22) T n-Tetracontane (C40)	21.837	1540222	19.480 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

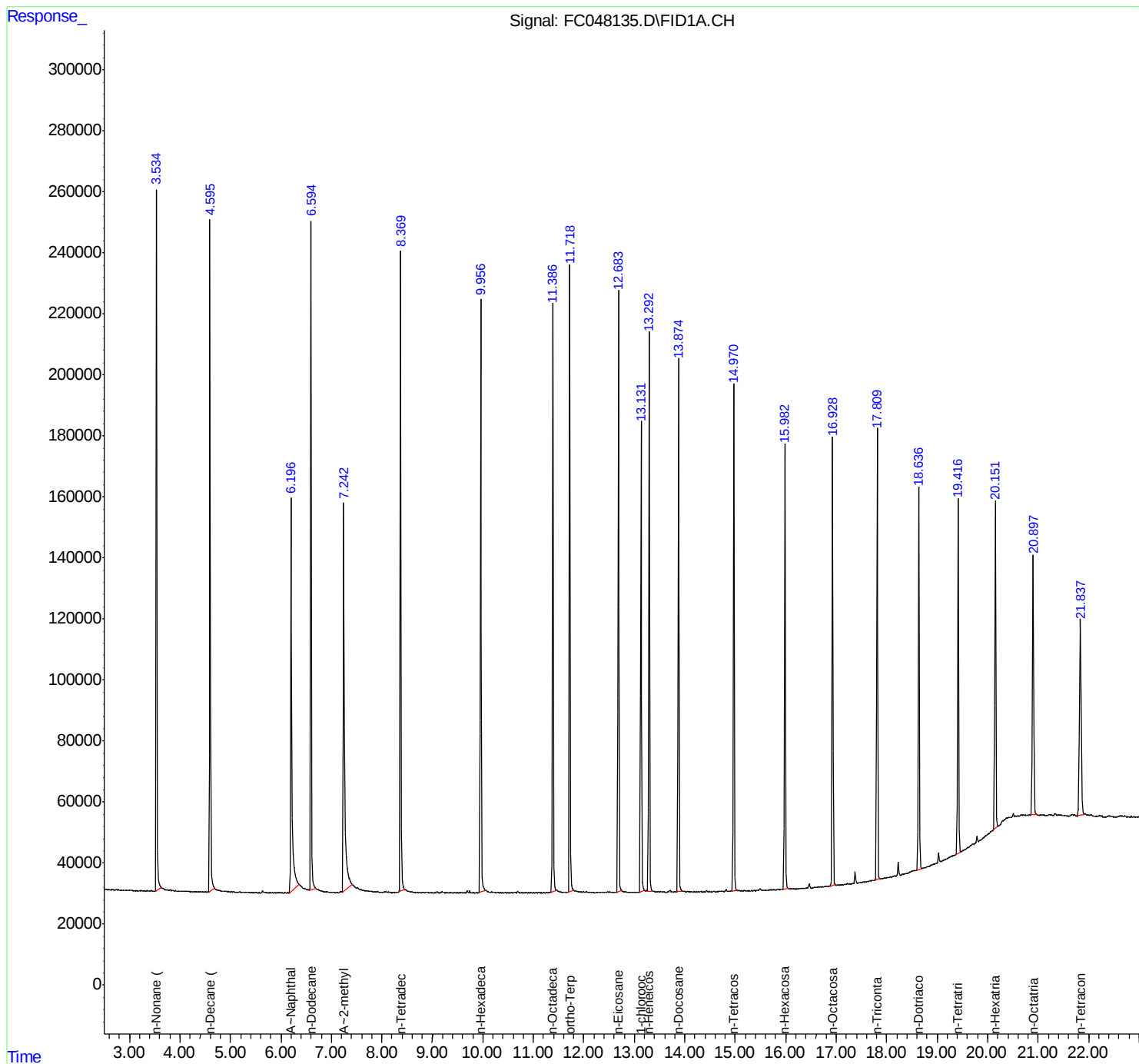
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062620AL\
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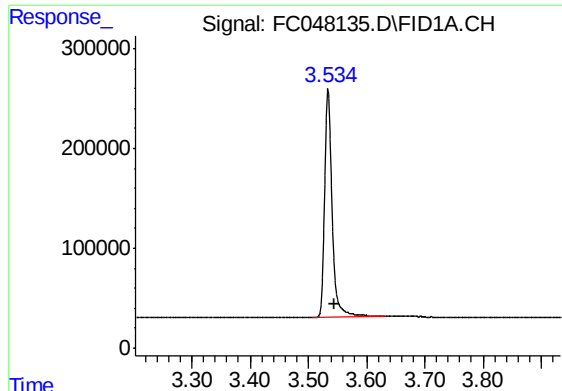
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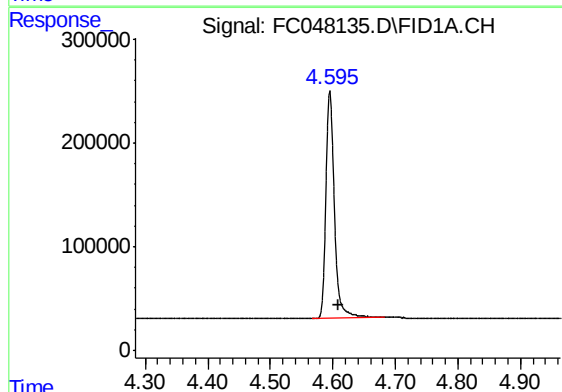


#1 n-Nonane (C9)

R.T.: 3.534 min
Delta R.T.: -0.010 min
Response: 2045957
Conc: 20.45 ug/ml

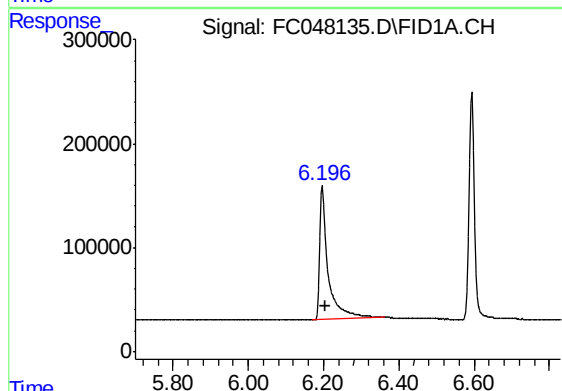
Instrument :
FID_C
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Manual Integrations
APPROVED



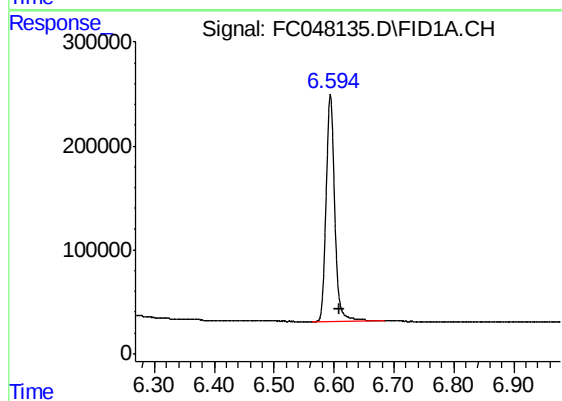
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: -0.013 min
Response: 2072764
Conc: 20.63 ug/ml



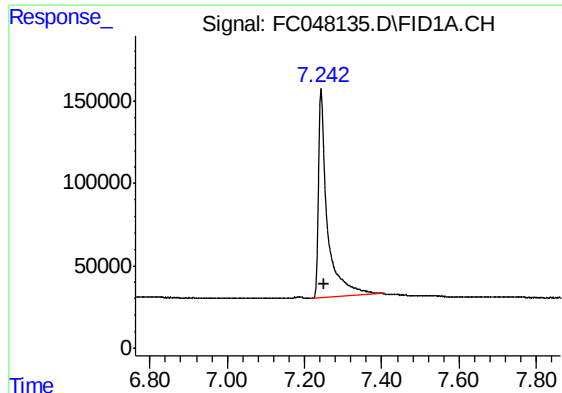
#3 A~Naphthalene (C11.7)

R.T.: 6.196 min
Delta R.T.: -0.008 min
Response: 2019042
Conc: 20.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.594 min
Delta R.T.: -0.016 min
Response: 2173625
Conc: 20.76 ug/ml

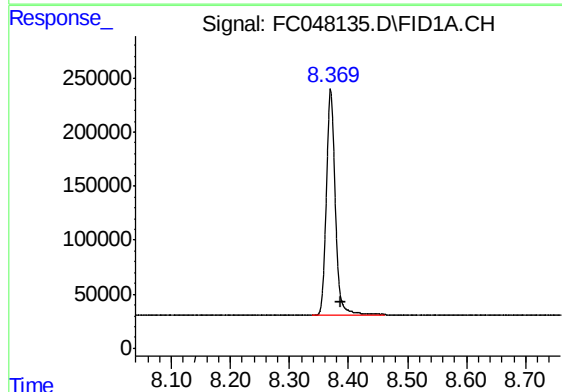


#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.243 min
Delta R.T.: -0.010 min
Response: 2027620
Conc: 19.59 ug/ml

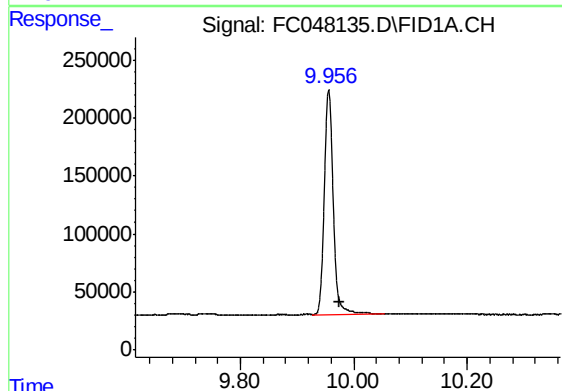
Instrument :
FID_C
ClientSampleId :

Manual Integrations
APPROVED



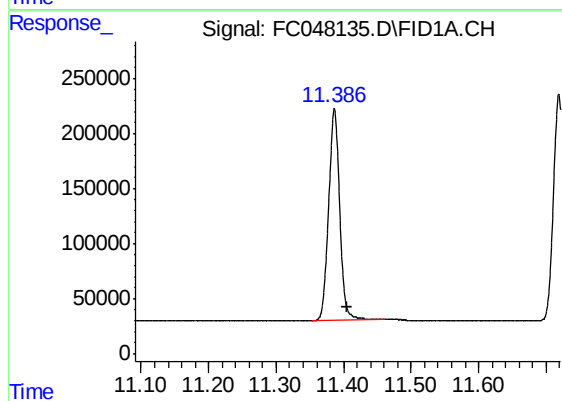
#6 n-Tetradecane (C14)

R.T.: 8.370 min
Delta R.T.: -0.018 min
Response: 2179493
Conc: 20.77 ug/ml



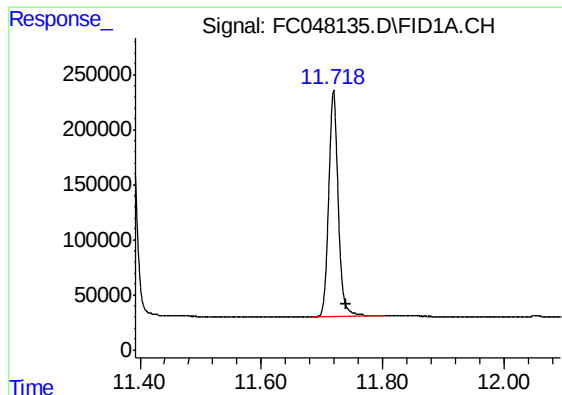
#7 n-Hexadecane (C16)

R.T.: 9.956 min
Delta R.T.: -0.018 min
Response: 2129269
Conc: 20.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.387 min
Delta R.T.: -0.019 min
Response: 2182827
Conc: 19.64 ug/ml

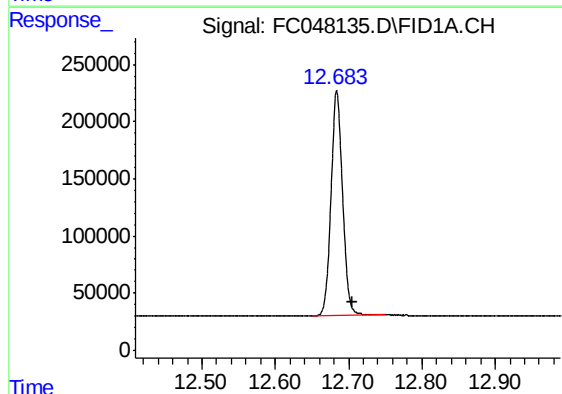


#9 ortho-Terphenyl (SURR)

R.T.: 11.719 min
Delta R.T.: -0.020 min
Response: 2220941
Conc: 18.51 ug/ml

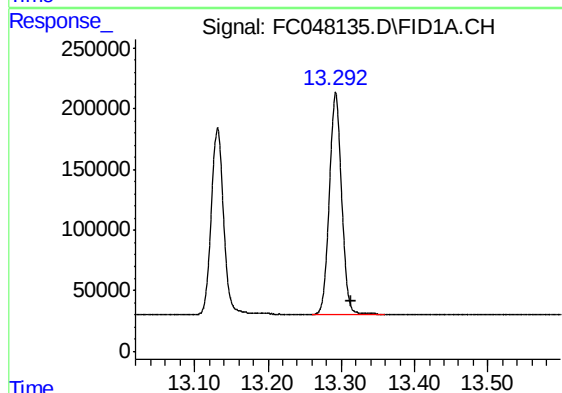
Instrument :
FID_C
ClientSampleId :

Manual Integrations
APPROVED



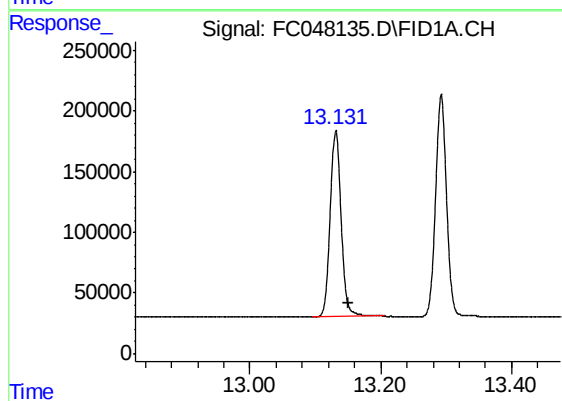
#10 n-Eicosane (C20)

R.T.: 12.684 min
Delta R.T.: -0.021 min
Response: 2142427
Conc: 18.83 ug/ml



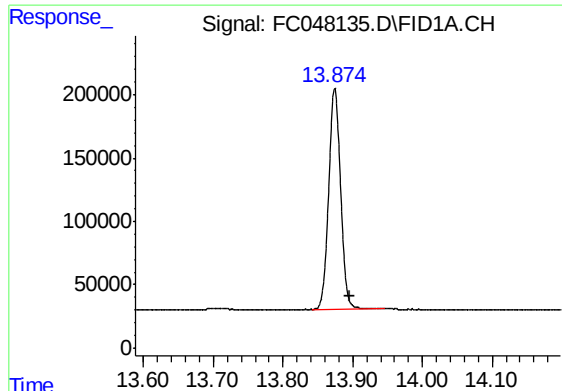
#11 n-Heneicosane (C21)

R.T.: 13.293 min
Delta R.T.: -0.020 min
Response: 2108830
Conc: 18.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.131 min
Delta R.T.: -0.019 min
Response: 1789577
Conc: 18.27 ug/ml

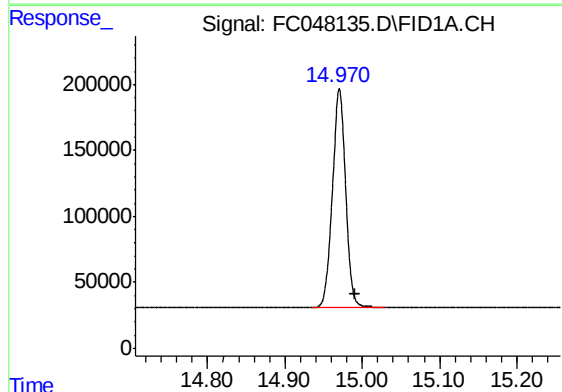


#13 n-Docosane (C22)

R.T.: 13.874 min
Delta R.T.: -0.021 min
Response: 2064010
Conc: 17.99 ug/ml

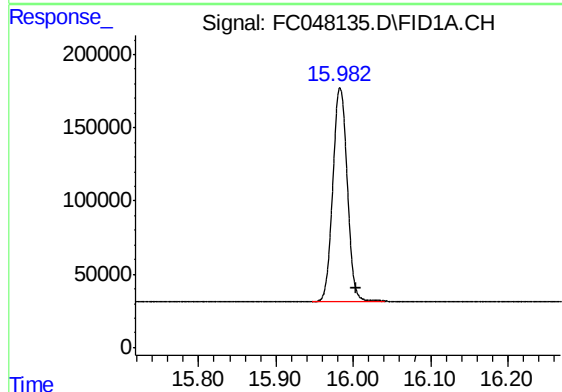
Instrument :
FID_C
ClientSampleId :

Manual Integrations
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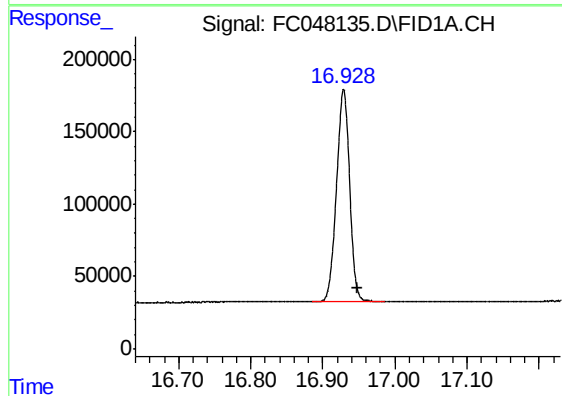
#14 n-Tetracosane (C24)

R.T.: 14.970 min
Delta R.T.: -0.020 min
Response: 1975775
Conc: 17.19 ug/ml



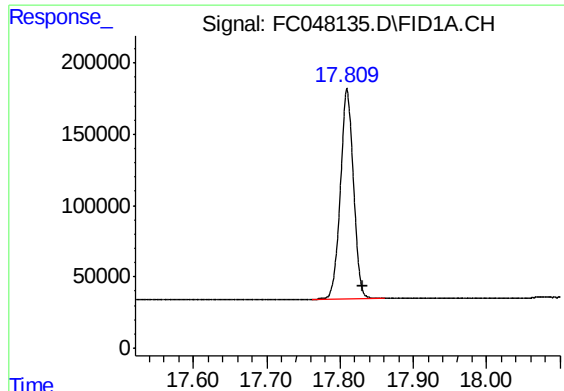
#15 n-Hexacosane (C26)

R.T.: 15.983 min
Delta R.T.: -0.021 min
Response: 1889078
Conc: 16.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.929 min
Delta R.T.: -0.020 min
Response: 1855318
Conc: 16.32 ug/ml

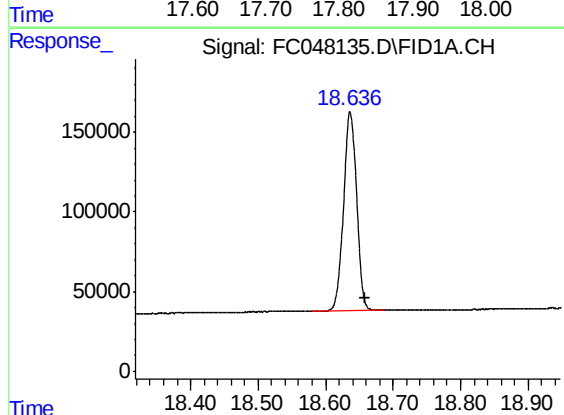


#17 n-Tricontane (C30)

R.T.: 17.809 min
Delta R.T.: -0.021 min
Response: 1813386
Conc: 16.55 ug/ml

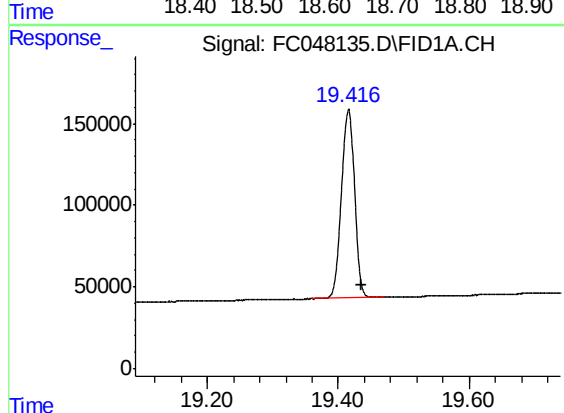
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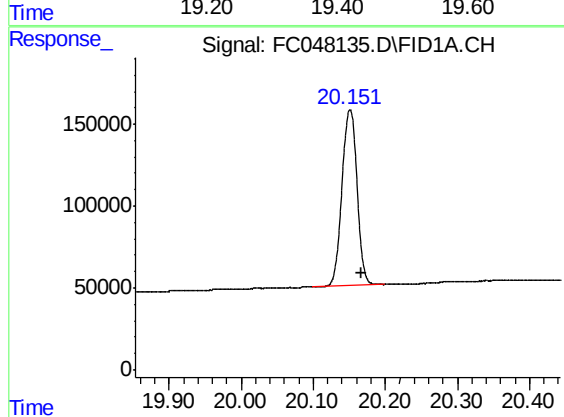
#18 n-Dotriacontane (C32)

R.T.: 18.636 min
Delta R.T.: -0.022 min
Response: 1685160
Conc: 17.00 ug/ml



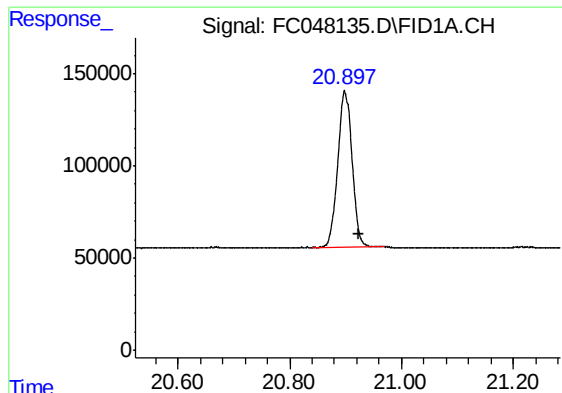
#19 n-Tetatriacontane (C34)

R.T.: 19.416 min
Delta R.T.: -0.019 min
Response: 1616352
Conc: 17.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.151 min
Delta R.T.: -0.016 min
Response: 1566147
Conc: 18.26 ug/ml

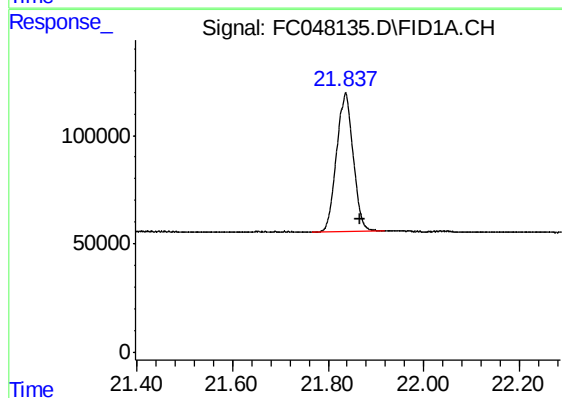


#21 n-Octatriacontane (C38)

R.T.: 20.898 min
Delta R.T.: -0.025 min
Response: 1508594
Conc: 18.94 ug/ml

Instrument :
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ClientSampleId :

Manual Integrations
APPROVED



#22 n-Tetracontane (C40)

R.T.: 21.837 min
Delta R.T.: -0.031 min
Response: 1540222
Conc: 19.48 ug/ml