

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101520AL\
 Data File : FC050158.D
 Signal(s) : FID1A.CH
 Acq On : 16 Oct 2020 10:13
 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
 10/16/2020 11:55:20 AM

Integration File: autoint1.e
 Quant Time: Oct 16 10:41:50 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)	11.633	2291058	20.439 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
12) S 1-chlorooctadecane (S...	13.066	1769025	20.422 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
Target Compounds			
1) T n-Nonane (C9)	3.376	2169534	21.893 ug/ml
2) T n-Decane (C10)	4.448	2195448	22.051 ug/ml
3) T A~Naphthalene (C11.7)	6.043	2381984	21.612 ug/ml
4) T n-Dodecane (C12)	6.470	2213942	21.941 ug/ml
5) T A~2-methylnaphthalene...	7.101	2401696	21.577 ug/ml
6) T n-Tetradecane (C14)	8.267	2177065	21.731 ug/ml
7) T n-Hexadecane (C16)	9.869	2116389	21.474 ug/ml
8) T n-Octadecane (C18)	11.312	2175797	21.068 ug/ml
10) T n-Eicosane (C20)	12.621	2146861	20.632 ug/ml
11) T n-Heneicosane (C21)	13.233	2116412	20.367 ug/ml
13) T n-Docosane (C22)	13.819	2099105	20.222 ug/ml
14) T n-Tetracosane (C24)	14.921	2075175	19.979 ug/ml
15) T n-Hexacosane (C26)	15.941	2018354	19.587 ug/ml
16) T n-Octacosane (C28)	16.891	2017930	19.498 ug/ml
17) T n-Tricontane (C30)	17.778	2034207	19.934 ug/ml
18) T n-Dotriacontane (C32)	18.609	1945773	20.254 ug/ml
19) T n-Tetratriacontane (C34)	19.391	1844752	20.112 ug/mlm
20) T n-Hexatriacontane (C36)	20.128	1738095	19.623 ug/mlm
21) T n-Octatriacontane (C38)	20.875	1742119	21.127 ug/mlm
22) T n-Tetracontane (C40)	21.808	1674247	20.022 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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ALS Vial : 2 Sample Multiplier: 1

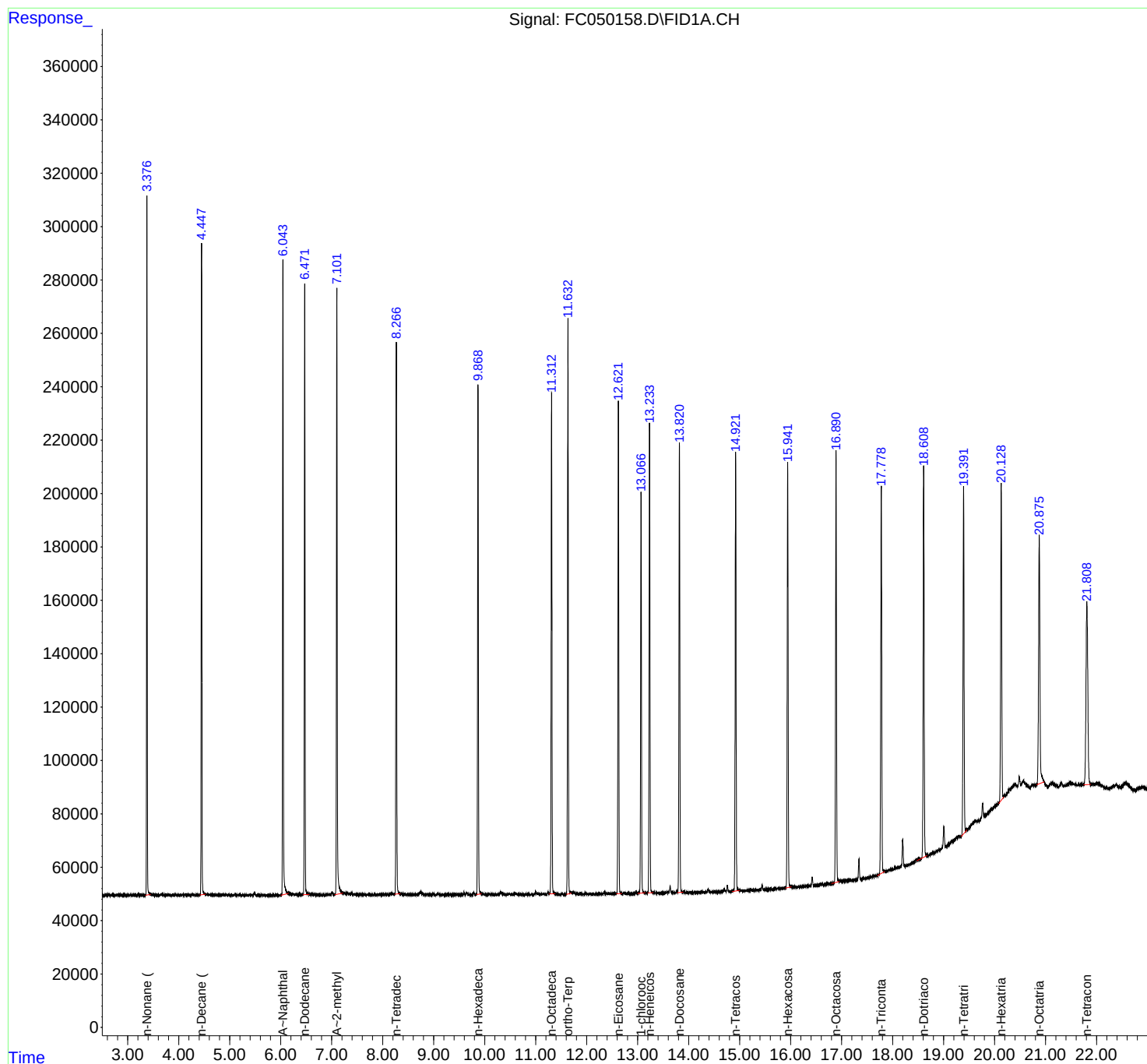
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

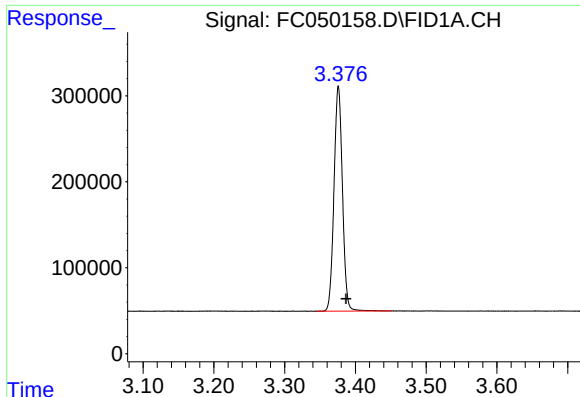
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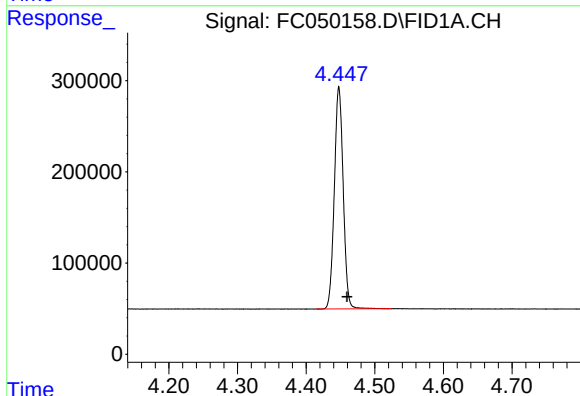
#1 n-Nonane (C9)

R.T.: 3.376 min
Delta R.T.: -0.011 min
Response: 2169534
Conc: 21.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

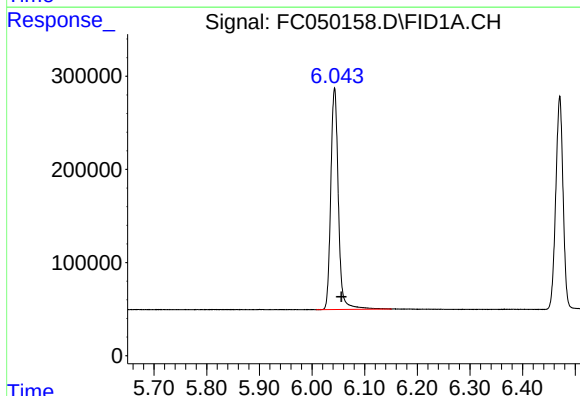
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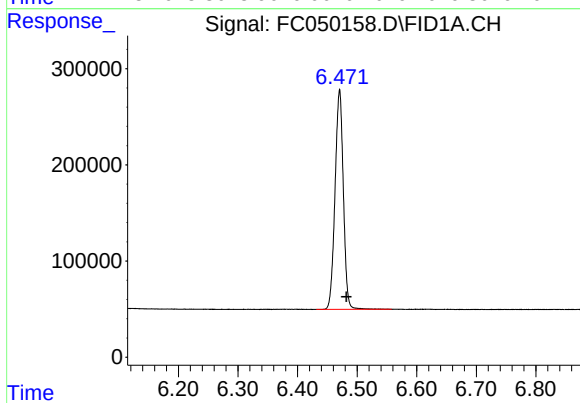
#2 n-Decane (C10)

R.T.: 4.448 min
Delta R.T.: -0.012 min
Response: 2195448
Conc: 22.05 ug/ml



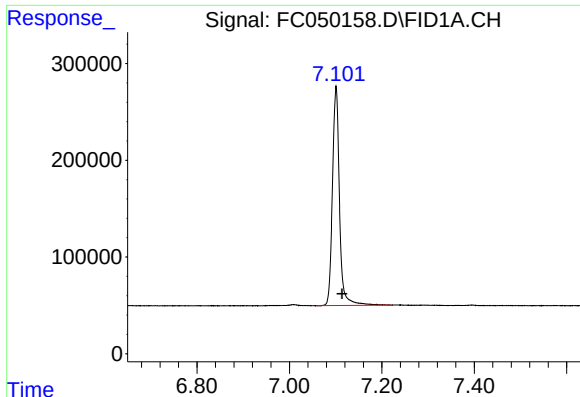
#3 A~Naphthalene (C11.7)

R.T.: 6.043 min
Delta R.T.: -0.013 min
Response: 2381984
Conc: 21.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.470 min
Delta R.T.: -0.011 min
Response: 2213942
Conc: 21.94 ug/ml



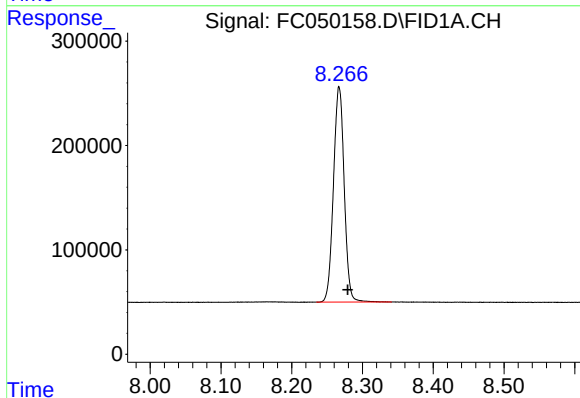
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.101 min
Delta R.T.: -0.013 min
Response: 2401696
Conc: 21.58 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

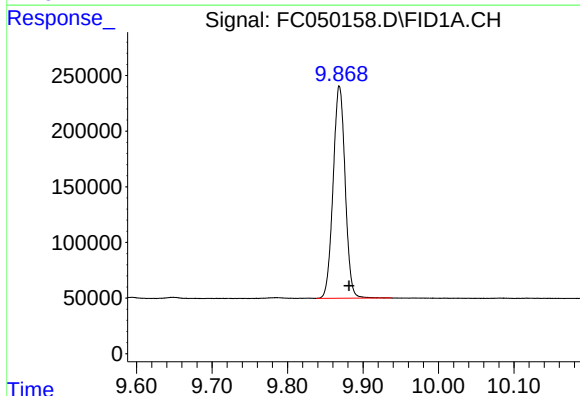
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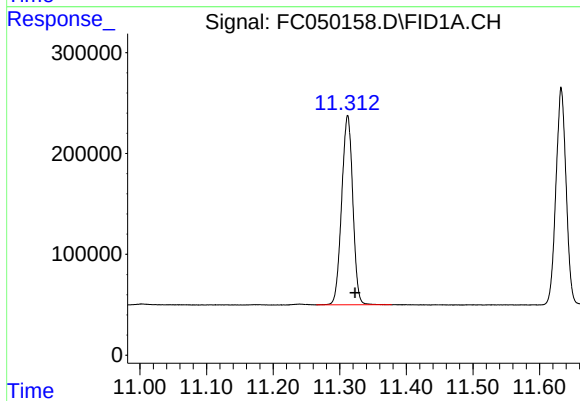
#6 n-Tetradecane (C14)

R.T.: 8.267 min
Delta R.T.: -0.012 min
Response: 2177065
Conc: 21.73 ug/ml



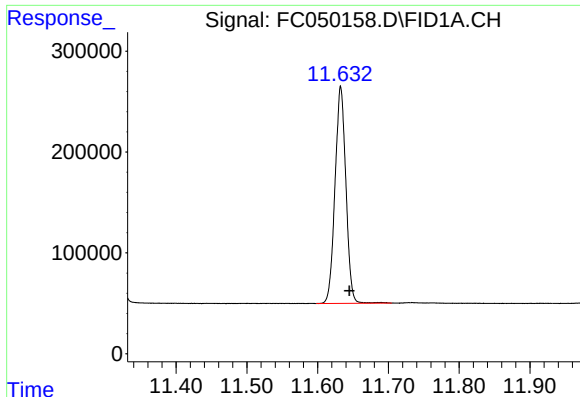
#7 n-Hexadecane (C16)

R.T.: 9.869 min
Delta R.T.: -0.013 min
Response: 2116389
Conc: 21.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.312 min
Delta R.T.: -0.011 min
Response: 2175797
Conc: 21.07 ug/ml



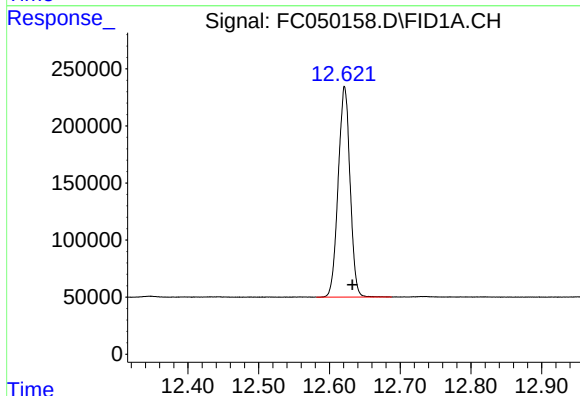
#9 ortho-Terphenyl (SURR)

R.T.: 11.633 min
Delta R.T.: -0.012 min
Response: 2291058
Conc: 20.44 ug/ml

Instrument :
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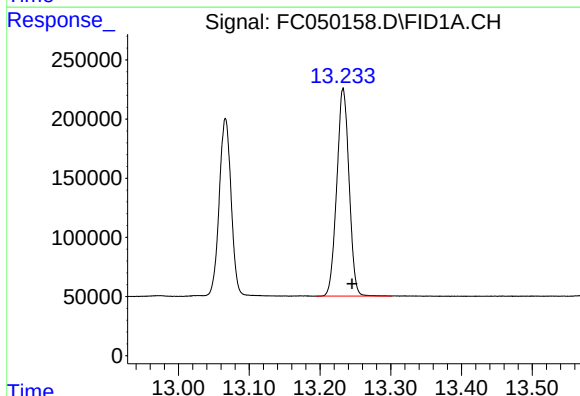
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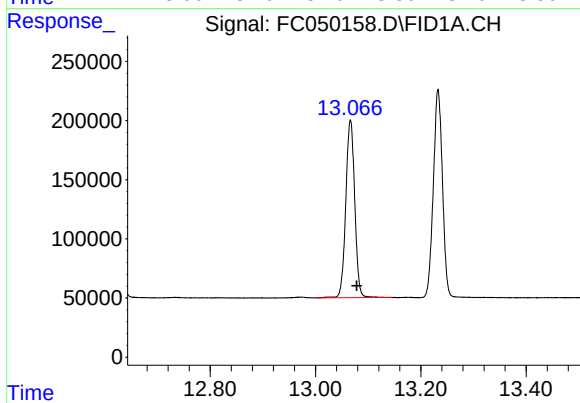
#10 n-Eicosane (C20)

R.T.: 12.621 min
Delta R.T.: -0.011 min
Response: 2146861
Conc: 20.63 ug/ml



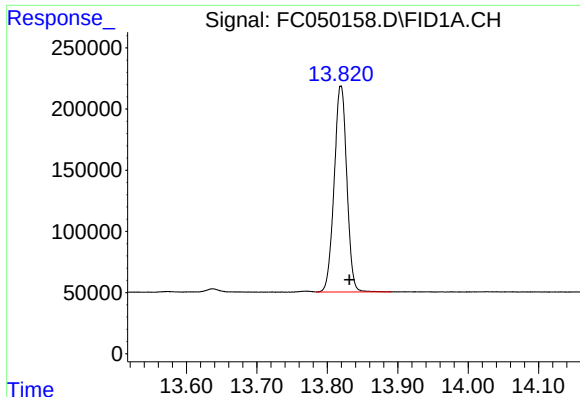
#11 n-Heneicosane (C21)

R.T.: 13.233 min
Delta R.T.: -0.012 min
Response: 2116412
Conc: 20.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.066 min
Delta R.T.: -0.012 min
Response: 1769025
Conc: 20.42 ug/ml



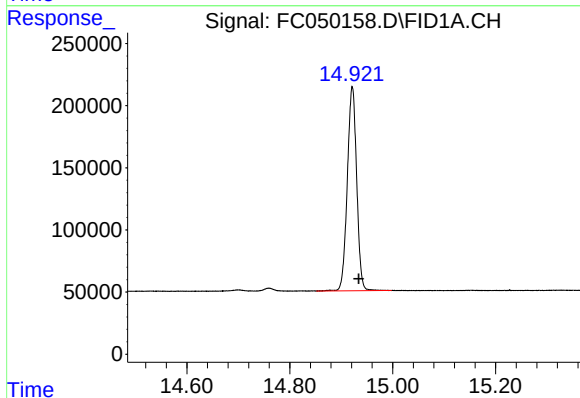
#13 n-Docosane (C22)

R.T.: 13.819 min
Delta R.T.: -0.012 min
Response: 2099105
Conc: 20.22 ug/ml

Instrument :
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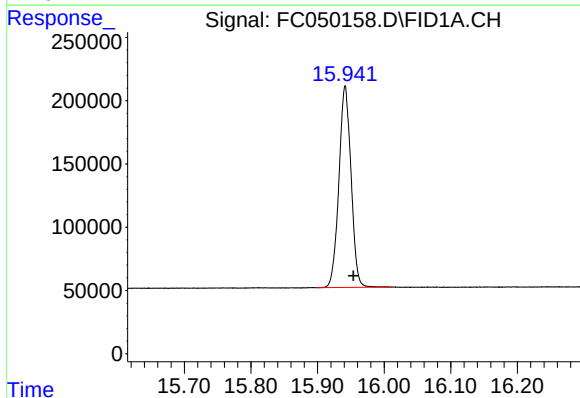
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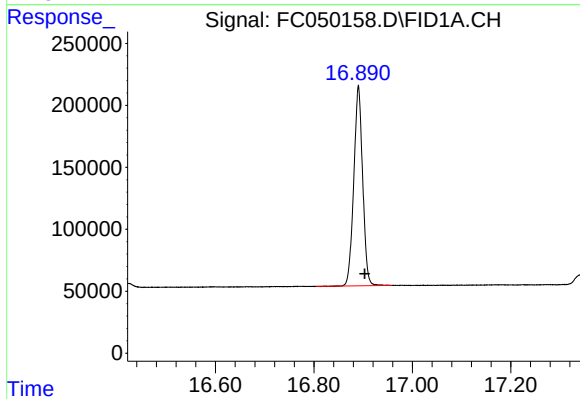
#14 n-Tetracosane (C24)

R.T.: 14.921 min
Delta R.T.: -0.013 min
Response: 2075175
Conc: 19.98 ug/ml



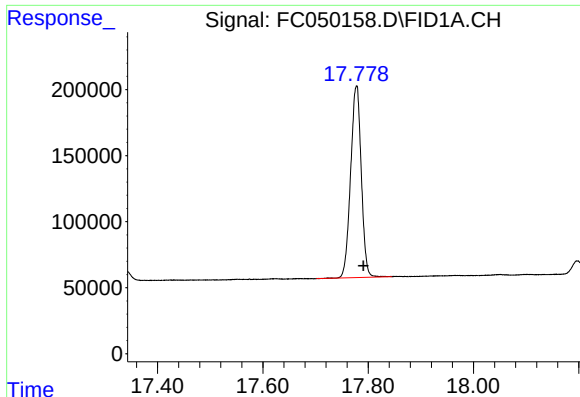
#15 n-Hexacosane (C26)

R.T.: 15.941 min
Delta R.T.: -0.013 min
Response: 2018354
Conc: 19.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.891 min
Delta R.T.: -0.013 min
Response: 2017930
Conc: 19.50 ug/ml



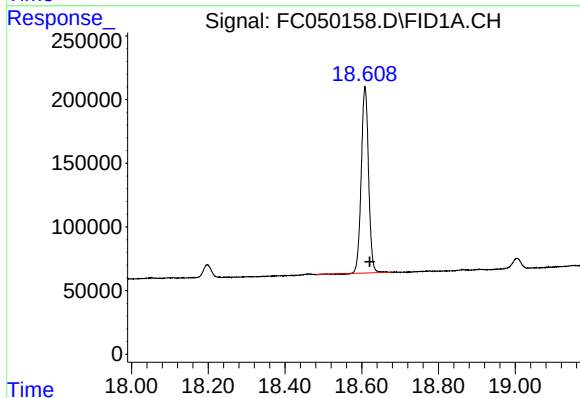
#17 n-Tricontane (C30)

R.T.: 17.778 min
Delta R.T.: -0.013 min
Response: 2034207
Conc: 19.93 ug/ml

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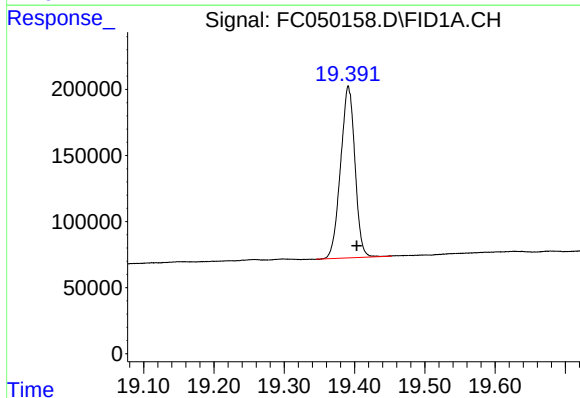
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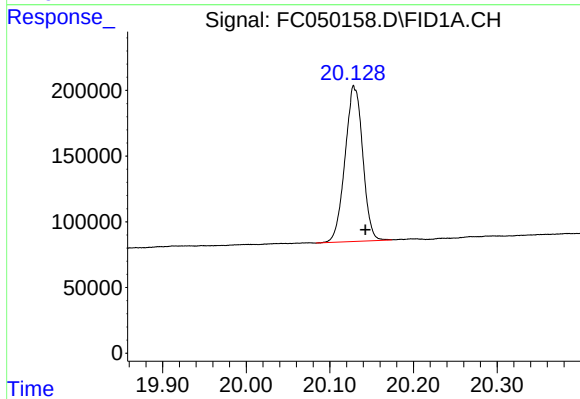
#18 n-Dotriacontane (C32)

R.T.: 18.609 min
Delta R.T.: -0.012 min
Response: 1945773
Conc: 20.25 ug/ml



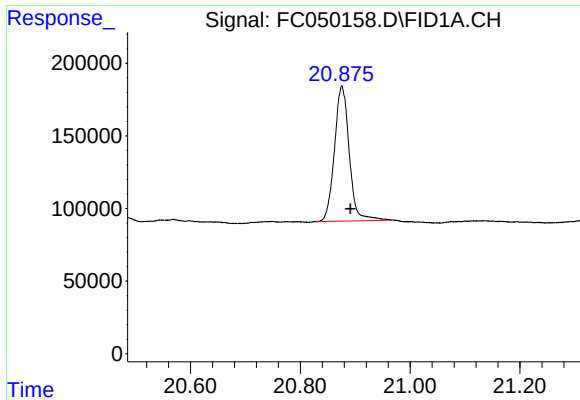
#19 n-Tetratriacontane (C34)

R.T.: 19.391 min
Delta R.T.: -0.012 min
Response: 1844752
Conc: 20.11 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.128 min
Delta R.T.: -0.014 min
Response: 1738095
Conc: 19.62 ug/ml m



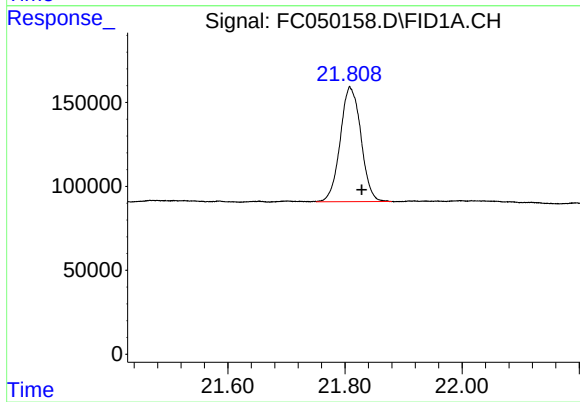
#21 n-Octatriacontane (C38)

R.T.: 20.875 min
Delta R.T.: -0.016 min
Response: 1742119
Conc: 21.13 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.808 min
Delta R.T.: -0.021 min
Response: 1674247
Conc: 20.02 ug/ml m