

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042320AL\
 Data File : FC047089.D
 Signal(s) : FID1A.CH
 Acq On : 24 Apr 2020 19:46
 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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 4/27/2020 1:49:45 PM

Integration File: autoint1.e
 Quant Time: Apr 25 00:46:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042320.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 23 16:30:34 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)	11.755	2281935	20.507 ug/ml
Spiked Amount 50.000		Recovery =	41.01%
12) S 1-chlorooctadecane (S...	13.169	1816465	20.340 ug/ml
Spiked Amount 50.000		Recovery =	40.68%
Target Compounds			
1) T n-Nonane (C9)	3.552	2005195	20.770 ug/ml
2) T n-Decane (C10)	4.618	2027650	21.020 ug/ml
3) T A~Naphthalene (C11.7)	6.218	2103887	20.885 ug/ml
4) T n-Dodecane (C12)	6.621	2067366	21.027 ug/ml
5) T A~2-methylnaphthalene...	7.266	2109940	21.153 ug/ml
6) T n-Tetradecane (C14)	8.401	2076117	21.022 ug/ml
7) T n-Hexadecane (C16)	9.990	2104975	20.878 ug/ml
8) T n-Octadecane (C18)	11.422	2138175	20.712 ug/ml
10) T n-Eicosane (C20)	12.723	2146280	20.454 ug/ml
11) T n-Heneicosane (C21)	13.331	2160009	20.307 ug/ml
13) T n-Docosane (C22)	13.914	2146842	20.176 ug/ml
14) T n-Tetracosane (C24)	15.010	2156622	20.053 ug/ml
15) T n-Hexacosane (C26)	16.025	2121509	19.664 ug/ml
16) T n-Octacosane (C28)	16.970	2071933	19.385 ug/ml
17) T n-Tricontane (C30)	17.853	1919680	19.184 ug/ml
18) T n-Dotriacontane (C32)	18.679	1422816	18.672 ug/ml
19) T n-Tetratriacontane (C34)	19.459	1063369	18.924 ug/ml
20) T n-Hexatriacontane (C36)	20.193	930574	18.596 ug/ml
21) T n-Octatriacontane (C38)	20.953	832118	18.351 ug/ml
22) T n-Tetracontane (C40)	21.904	855345	18.234 ug/mlm

(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

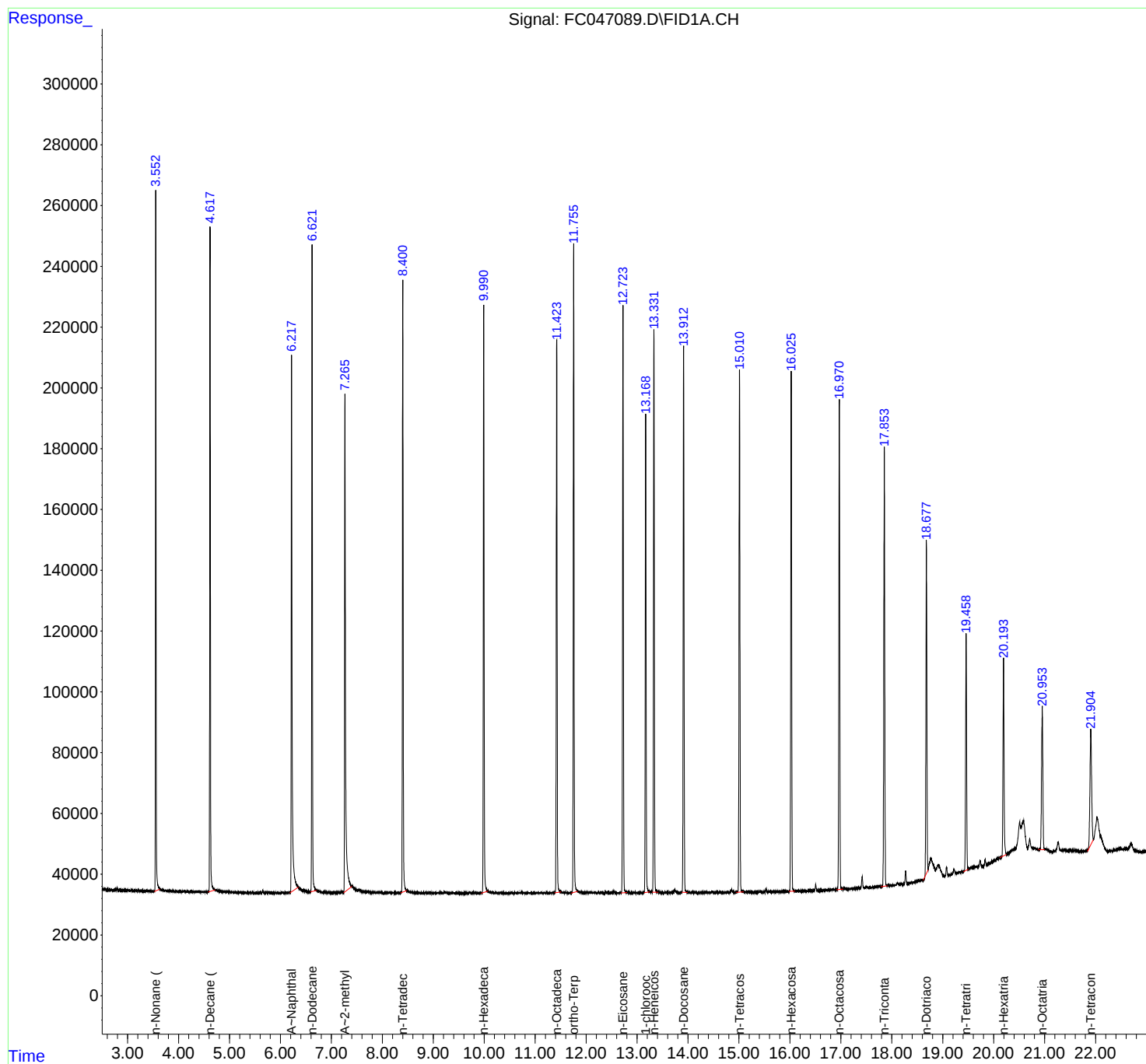
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

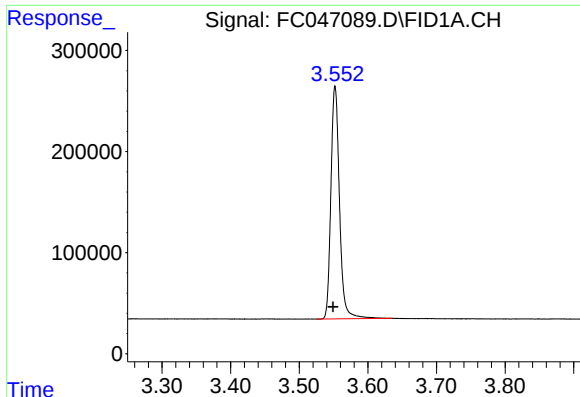
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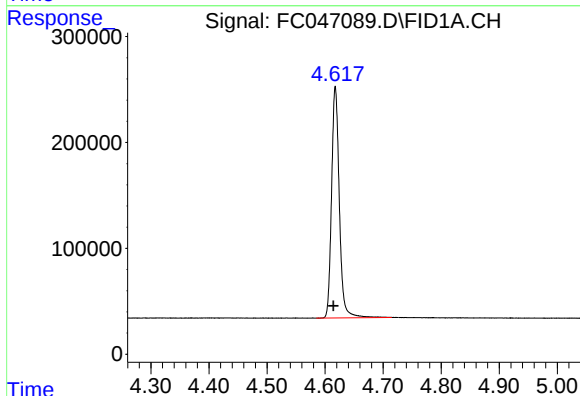
#1 n-Nonane (C9)

R.T.: 3.552 min
Delta R.T.: 0.003 min
Response: 2005195
Conc: 20.77 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

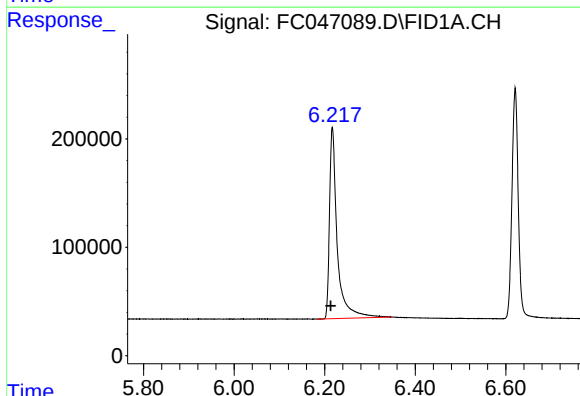
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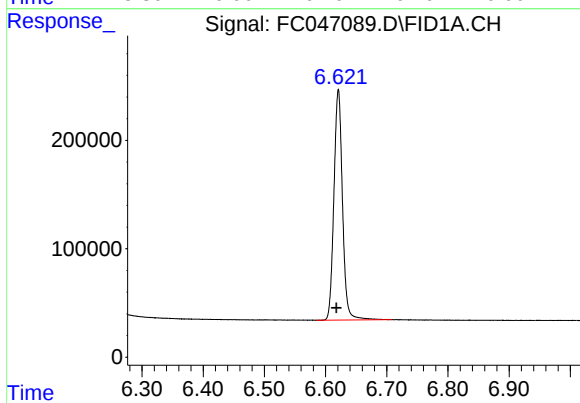
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: 0.004 min
Response: 2027650
Conc: 21.02 ug/ml



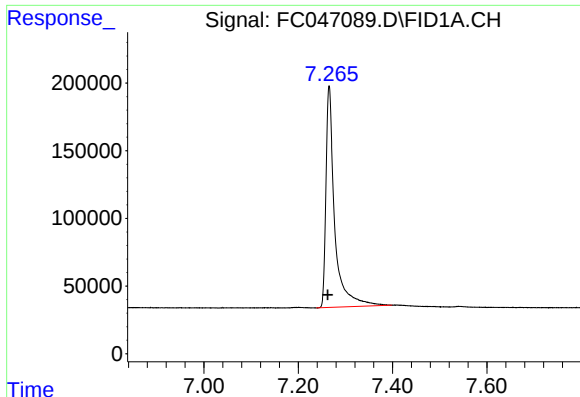
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: 0.004 min
Response: 2103887
Conc: 20.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.621 min
Delta R.T.: 0.003 min
Response: 2067366
Conc: 21.03 ug/ml



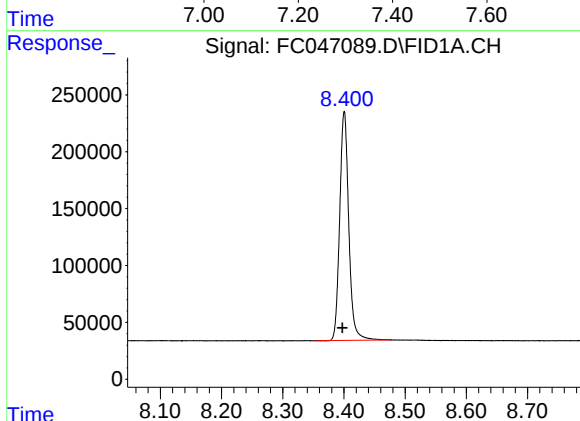
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.266 min
Delta R.T.: 0.003 min
Response: 2109940
Conc: 21.15 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

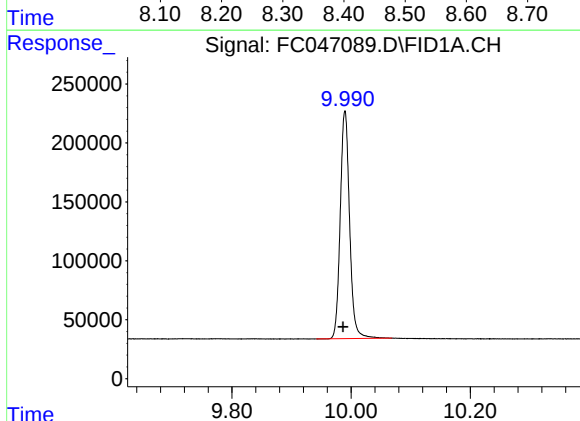
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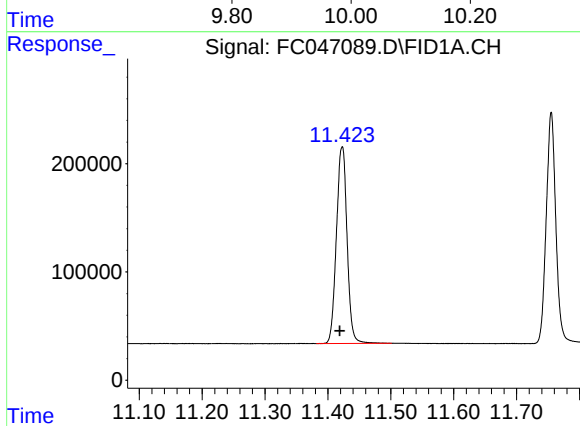
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: 0.003 min
Response: 2076117
Conc: 21.02 ug/ml



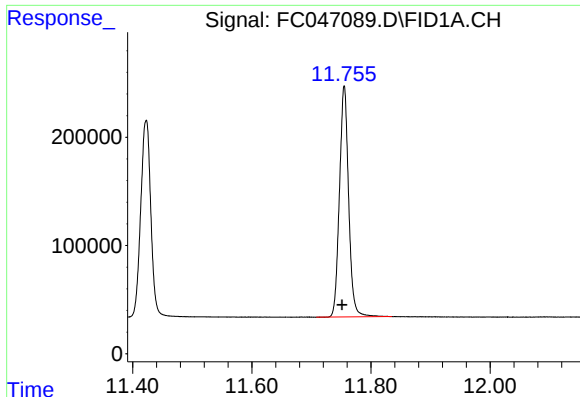
#7 n-Hexadecane (C16)

R.T.: 9.990 min
Delta R.T.: 0.003 min
Response: 2104975
Conc: 20.88 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.422 min
Delta R.T.: 0.004 min
Response: 2138175
Conc: 20.71 ug/ml



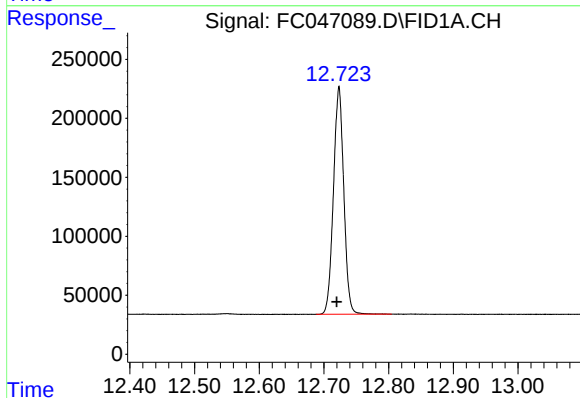
#9 ortho-Terphenyl (SURR)

R.T.: 11.755 min
Delta R.T.: 0.004 min
Response: 2281935
Conc: 20.51 ug/ml

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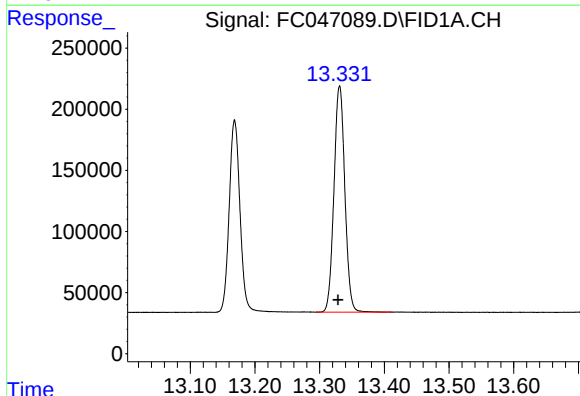
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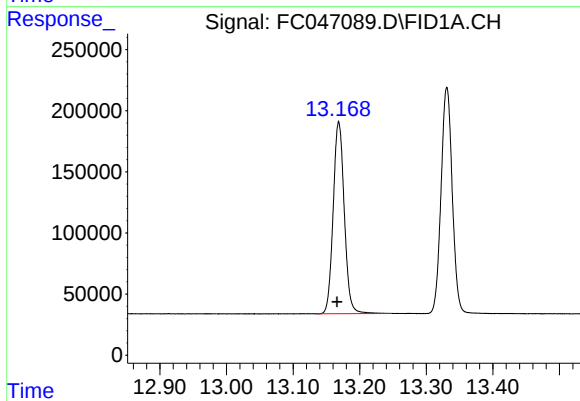
#10 n-Eicosane (C20)

R.T.: 12.723 min
Delta R.T.: 0.003 min
Response: 2146280
Conc: 20.45 ug/ml



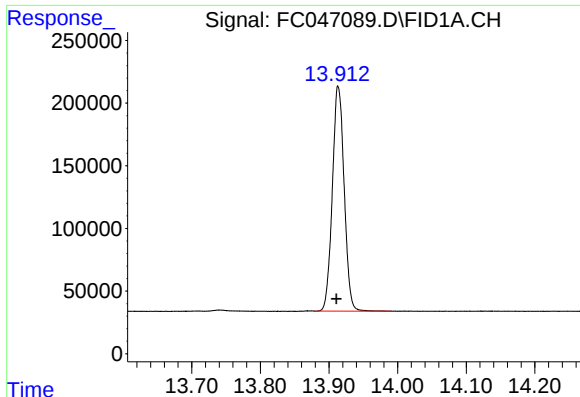
#11 n-Heneicosane (C21)

R.T.: 13.331 min
Delta R.T.: 0.003 min
Response: 2160009
Conc: 20.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.169 min
Delta R.T.: 0.002 min
Response: 1816465
Conc: 20.34 ug/ml



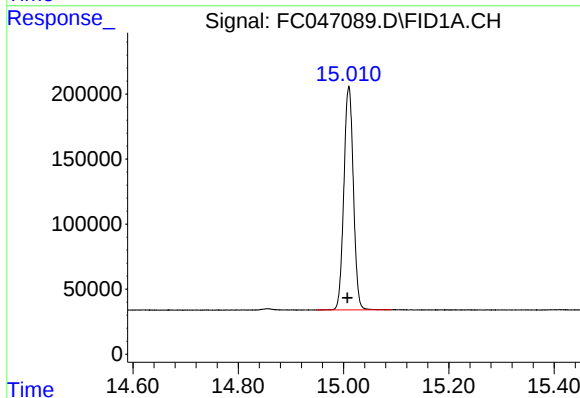
#13 n-Docosane (C22)

R.T.: 13.914 min
Delta R.T.: 0.003 min
Response: 2146842
Conc: 20.18 ug/ml

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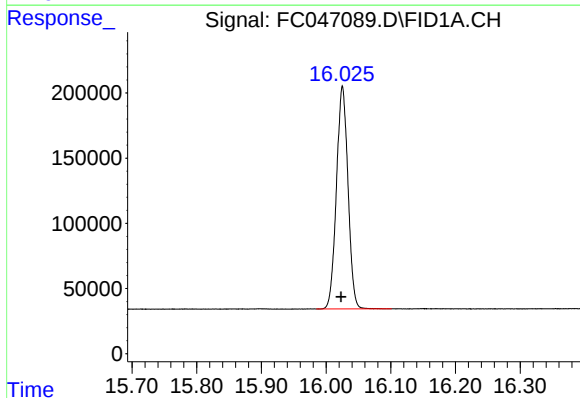
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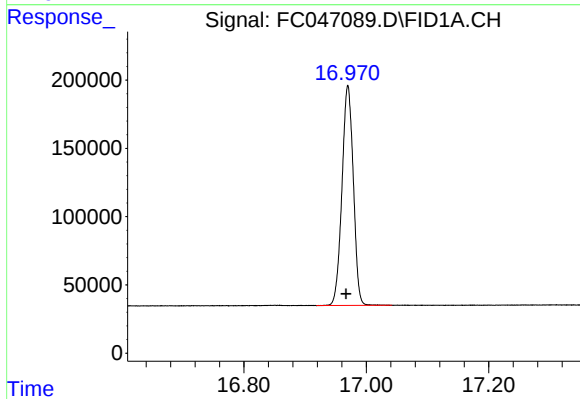
#14 n-Tetracosane (C24)

R.T.: 15.010 min
Delta R.T.: 0.002 min
Response: 2156622
Conc: 20.05 ug/ml



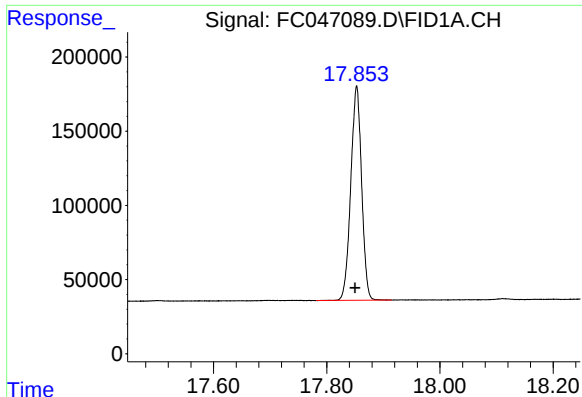
#15 n-Hexacosane (C26)

R.T.: 16.025 min
Delta R.T.: 0.002 min
Response: 2121509
Conc: 19.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.970 min
Delta R.T.: 0.003 min
Response: 2071933
Conc: 19.38 ug/ml



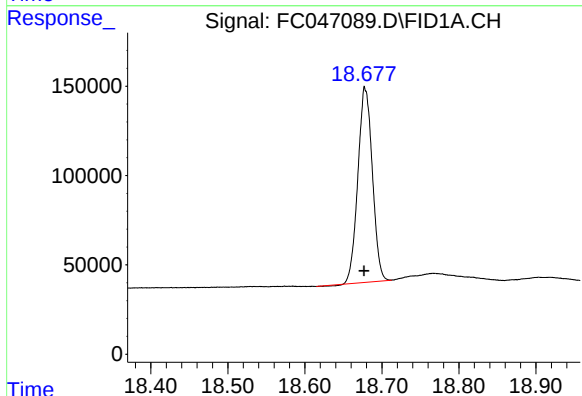
#17 n-Tricontane (C30)

R.T.: 17.853 min
Delta R.T.: 0.003 min
Response: 1919680
Conc: 19.18 ug/ml

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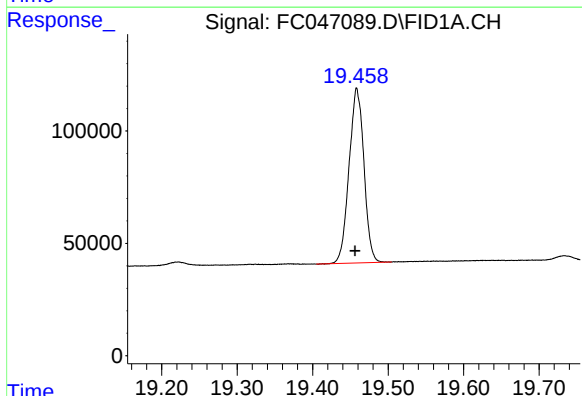
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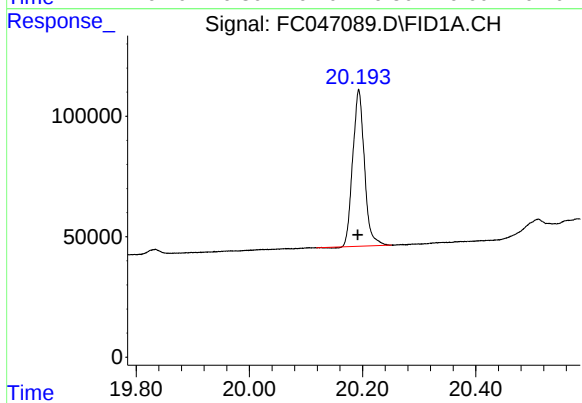
#18 n-Dotriacontane (C32)

R.T.: 18.679 min
Delta R.T.: 0.002 min
Response: 1422816
Conc: 18.67 ug/ml



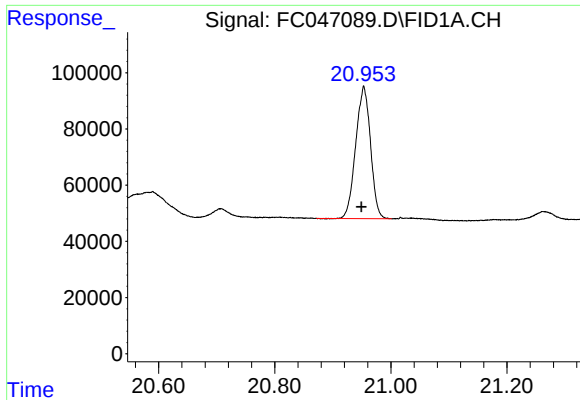
#19 n-Tetratriacontane (C34)

R.T.: 19.459 min
Delta R.T.: 0.003 min
Response: 1063369
Conc: 18.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.193 min
Delta R.T.: 0.002 min
Response: 930574
Conc: 18.60 ug/ml



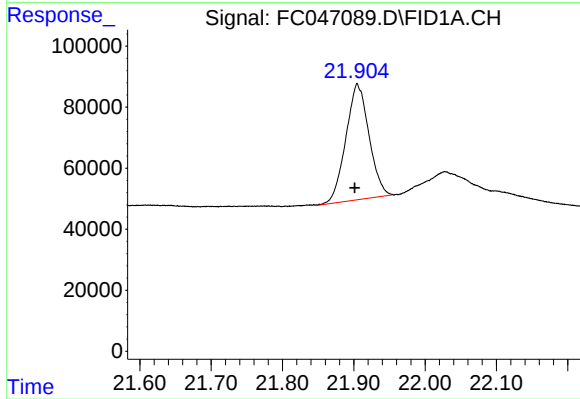
#21 n-Octatriacontane (C38)

R.T.: 20.953 min
Delta R.T.: 0.005 min
Response: 832118
Conc: 18.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.904 min
Delta R.T.: 0.003 min
Response: 855345
Conc: 18.23 ug/ml m