

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120221AL\
 Data File : FC057192.D
 Signal(s) : FID1A.CH
 Acq On : 03 Dec 2021 9:29
 Operator : AJ\MA
 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

Reviewed By :Ankita Jodhani 12/06/2021
 Supervised By :mohammad ahmed 12/06/2021

Integration File: sample.E
 Quant Time: Dec 03 11:52:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 2021
 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)	11.590	2138640	18.429 ug/ml
Spiked Amount 50.000		Recovery =	36.86%
12) S 1-chlorooctadecane (S...	13.022	1652481	18.152 ug/ml
Spiked Amount 50.000		Recovery =	36.30%
Target Compounds			
1) T n-Nonane (C9)	3.351	2024455	19.979 ug/ml
2) T n-Decane (C10)	4.419	2030157	20.273 ug/ml
3) T A~Naphthalene (C11.7)	6.008	2240028	20.061 ug/ml
4) T n-Dodecane (C12)	6.436	2060121	20.318 ug/ml
5) T A~2-methylnaphthalene...	7.065	2240575	20.321 ug/ml
6) T n-Tetradecane (C14)	8.230	2055703	20.289 ug/ml
7) T n-Hexadecane (C16)	9.830	2040771	19.887 ug/ml
8) T n-Octadecane (C18)	11.270	2073563	19.354 ug/ml
10) T n-Eicosane (C20)	12.578	2003281	18.730 ug/ml
11) T n-Heneicosane (C21)	13.188	1988386	18.361 ug/ml
13) T n-Docosane (C22)	13.773	1938641	18.096 ug/ml
14) T n-Tetracosane (C24)	14.874	1874634	17.317 ug/ml
15) T n-Hexacosane (C26)	15.892	1797797	16.878 ug/ml
16) T n-Octacosane (C28)	16.840	1766091	16.557 ug/ml
17) T n-Tricontane (C30)	17.725	1726902	16.202 ug/ml
18) T n-Dotriacontane (C32)	18.554	1715011	16.259 ug/ml
19) T n-Tetratriacontane (C34)	19.334	1748457	16.830 ug/ml
20) T n-Hexatriacontane (C36)	20.072	1724544	17.074 ug/mlm
21) T n-Octatriacontane (C38)	20.803	1707416	18.600 ug/ml
22) T n-Tetracontane (C40)	21.709	1659451	18.421 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

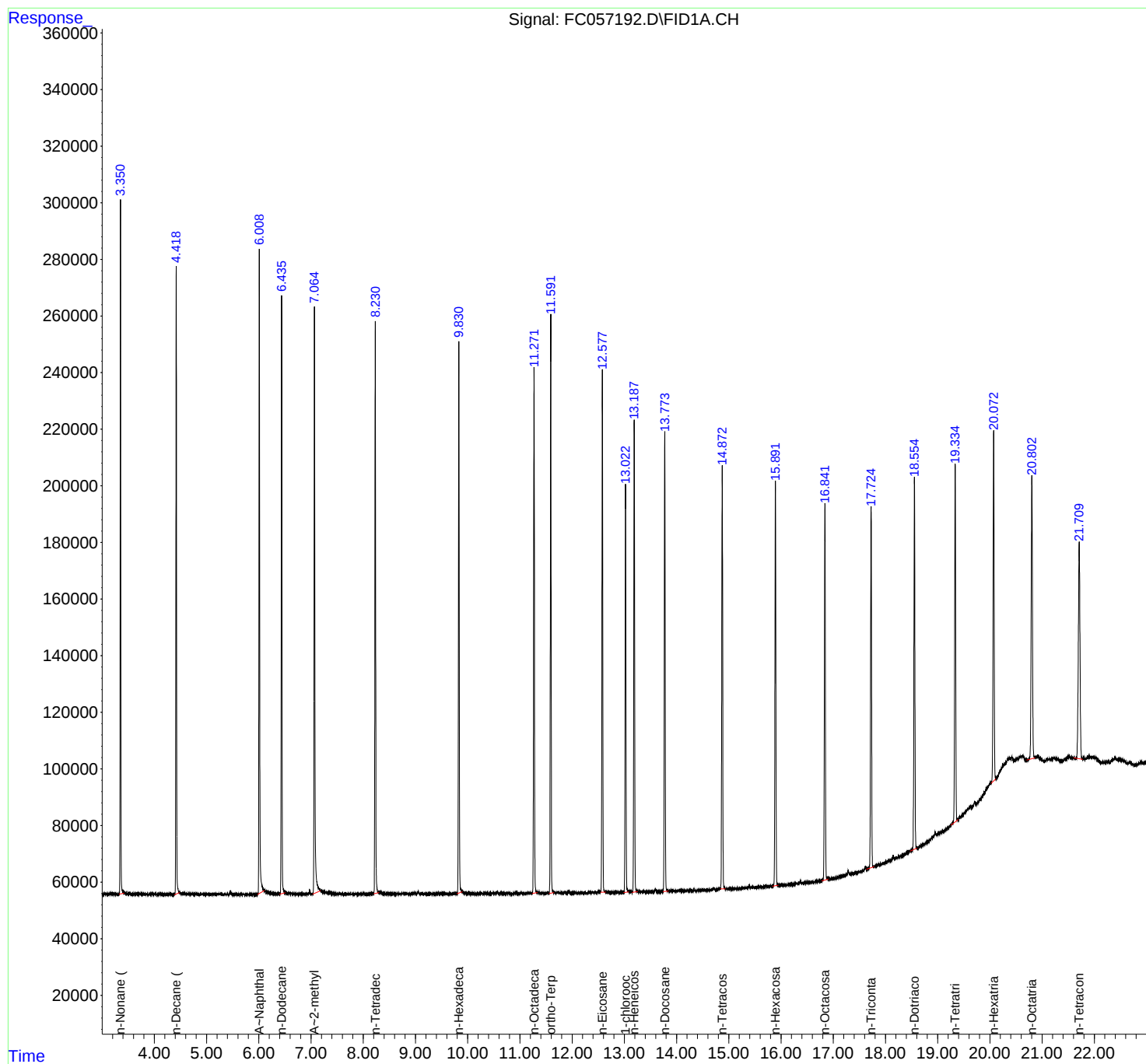
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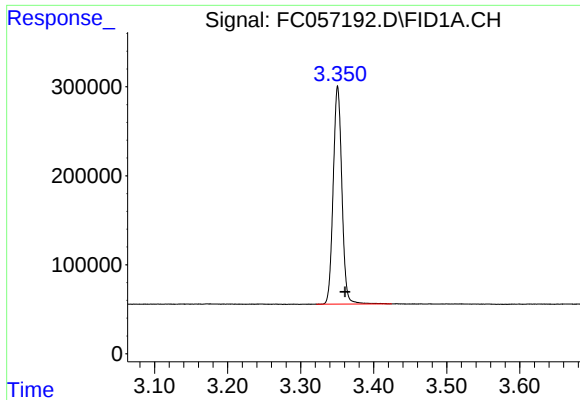
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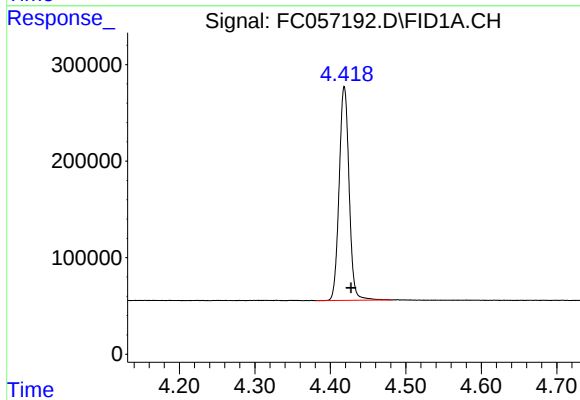
#1 n-Nonane (C9)

R.T.: 3.351 min
Delta R.T.: -0.010 min
Response: 2024455
Conc: 19.98 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

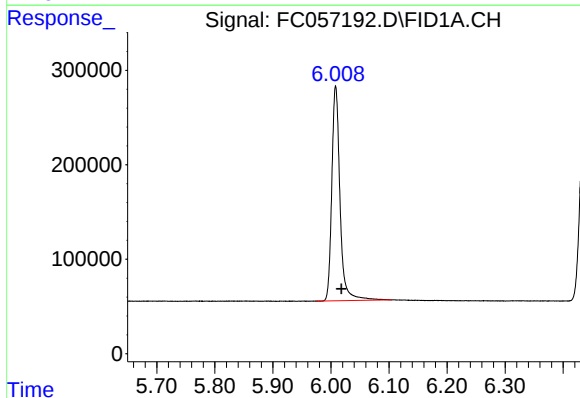
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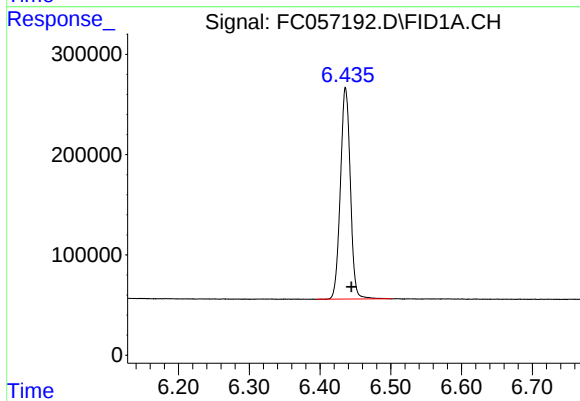
#2 n-Decane (C10)

R.T.: 4.419 min
Delta R.T.: -0.009 min
Response: 2030157
Conc: 20.27 ug/ml



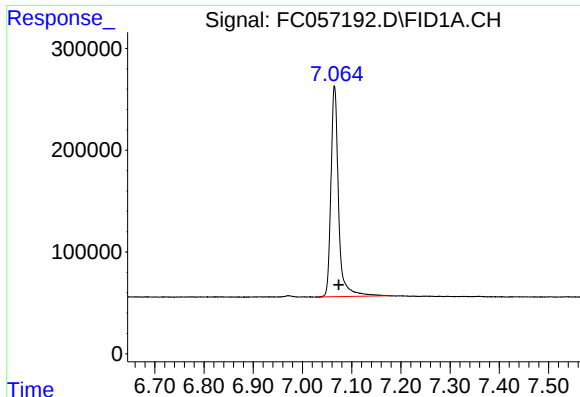
#3 A~Naphthalene (C11.7)

R.T.: 6.008 min
Delta R.T.: -0.010 min
Response: 2240028
Conc: 20.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.436 min
Delta R.T.: -0.008 min
Response: 2060121
Conc: 20.32 ug/ml



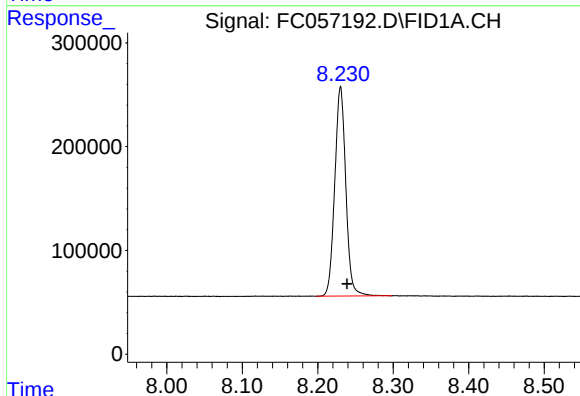
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.065 min
Delta R.T.: -0.008 min
Response: 2240575
Conc: 20.32 ug/ml

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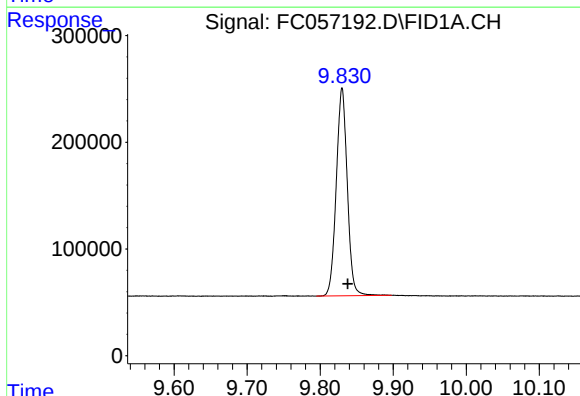
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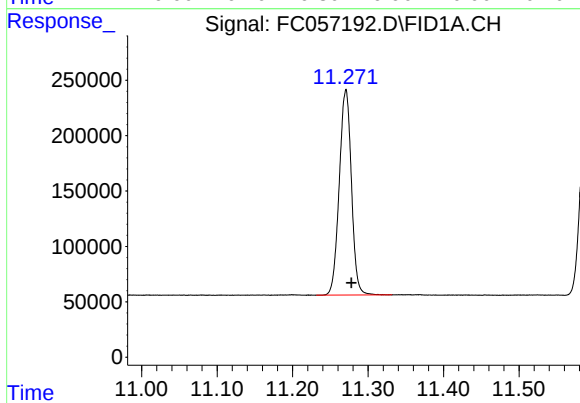
#6 n-Tetradecane (C14)

R.T.: 8.230 min
Delta R.T.: -0.009 min
Response: 2055703
Conc: 20.29 ug/ml



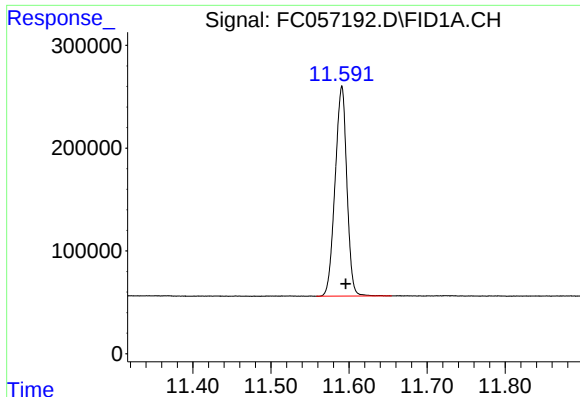
#7 n-Hexadecane (C16)

R.T.: 9.830 min
Delta R.T.: -0.008 min
Response: 2040771
Conc: 19.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.270 min
Delta R.T.: -0.007 min
Response: 2073563
Conc: 19.35 ug/ml



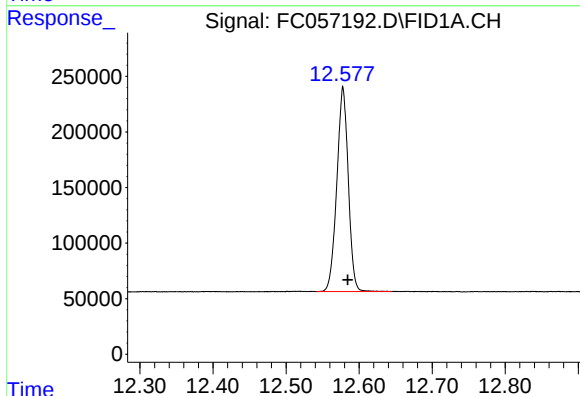
#9 ortho-Terphenyl (SURR)

R.T.: 11.590 min
Delta R.T.: -0.005 min
Response: 2138640
Conc: 18.43 ug/ml

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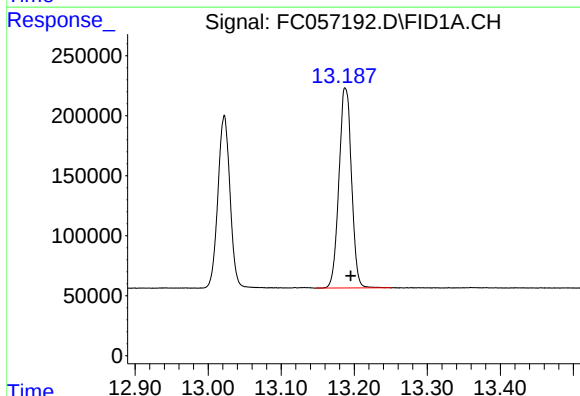
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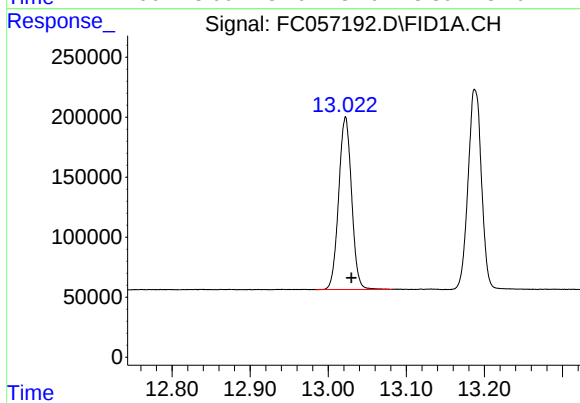
#10 n-Eicosane (C20)

R.T.: 12.578 min
Delta R.T.: -0.006 min
Response: 2003281
Conc: 18.73 ug/ml



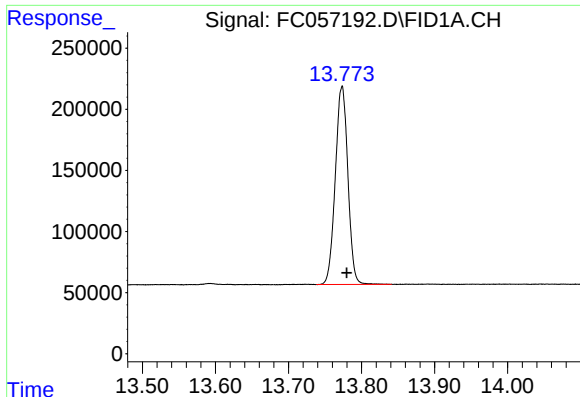
#11 n-Heneicosane (C21)

R.T.: 13.188 min
Delta R.T.: -0.007 min
Response: 1988386
Conc: 18.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.022 min
Delta R.T.: -0.008 min
Response: 1652481
Conc: 18.15 ug/ml



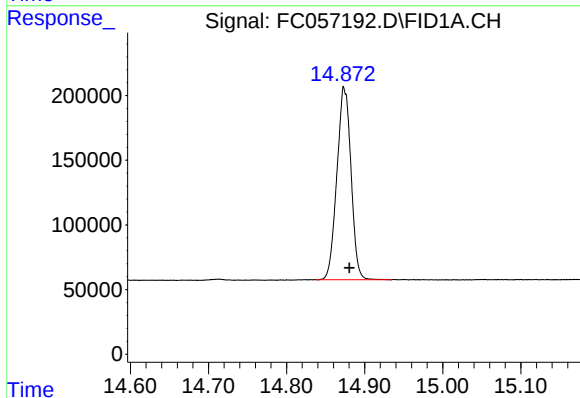
#13 n-Docosane (C22)

R.T.: 13.773 min
Delta R.T.: -0.007 min
Response: 1938641
Conc: 18.10 ug/ml

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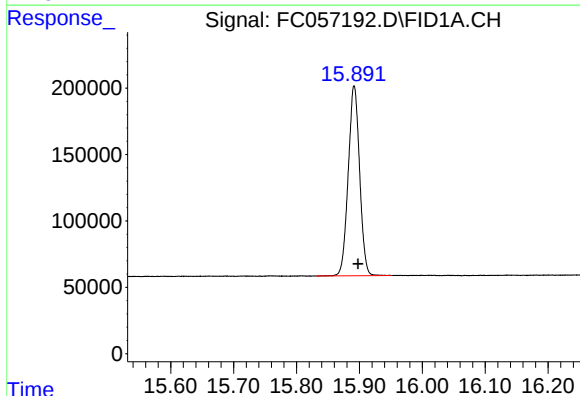
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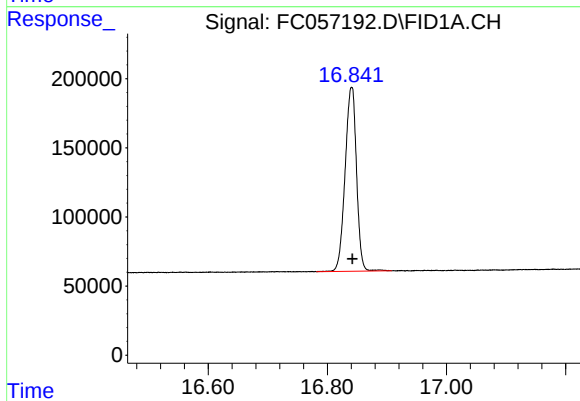
#14 n-Tetracosane (C24)

R.T.: 14.874 min
Delta R.T.: -0.006 min
Response: 1874634
Conc: 17.32 ug/ml



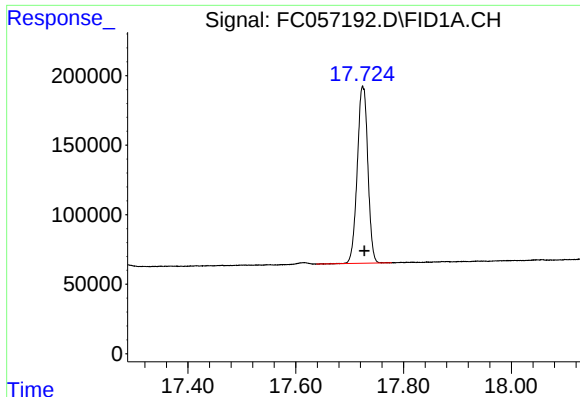
#15 n-Hexacosane (C26)

R.T.: 15.892 min
Delta R.T.: -0.006 min
Response: 1797797
Conc: 16.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.840 min
Delta R.T.: -0.002 min
Response: 1766091
Conc: 16.56 ug/ml



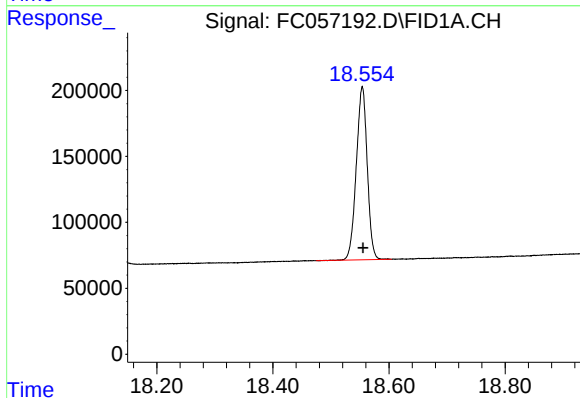
#17 n-Tricontane (C30)

R.T.: 17.725 min
Delta R.T.: -0.003 min
Response: 1726902
Conc: 16.20 ug/ml

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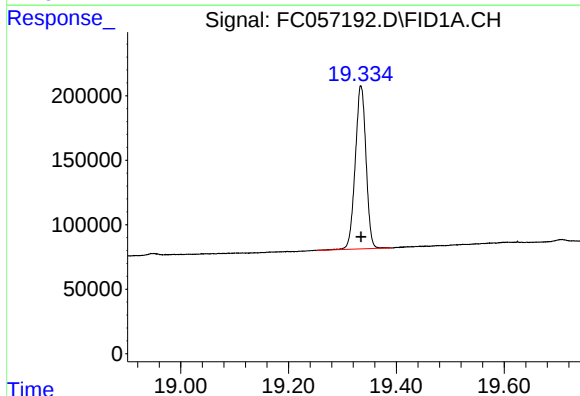
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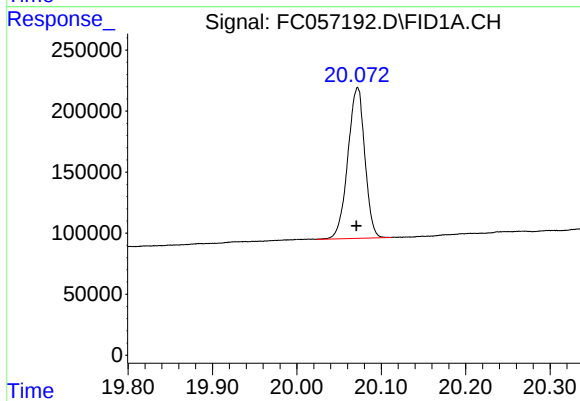
#18 n-Dotriacontane (C32)

R.T.: 18.554 min
Delta R.T.: -0.002 min
Response: 1715011
Conc: 16.26 ug/ml



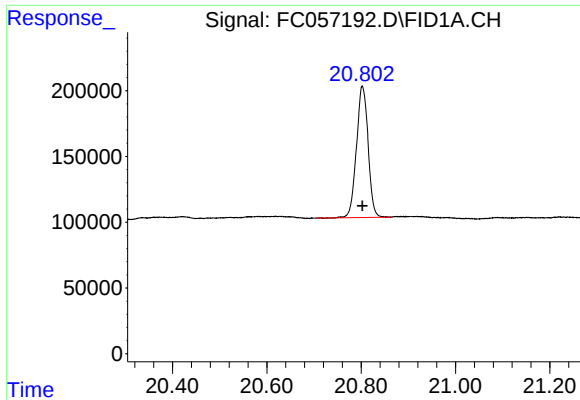
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: 0.000 min
Response: 1748457
Conc: 16.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.072 min
Delta R.T.: 0.001 min
Response: 1724544
Conc: 17.07 ug/ml m



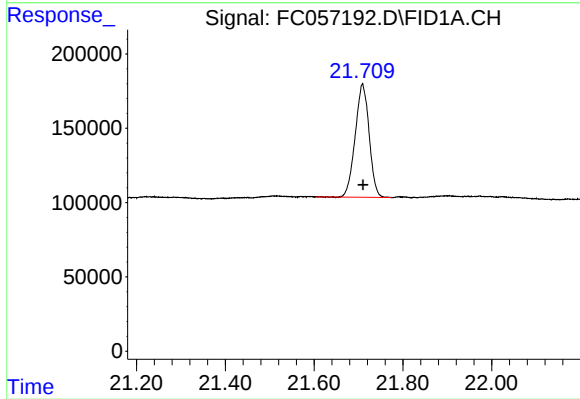
#21 n-Octatriacontane (C38)

R.T.: 20.803 min
Delta R.T.: 0.000 min
Response: 1707416
Conc: 18.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.709 min
Delta R.T.: -0.001 min
Response: 1659451
Conc: 18.42 ug/ml