

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120721AL\
 Data File : FC057276.D
 Signal(s) : FID1A.CH
 Acq On : 08 Dec 2021 00:23
 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 12/08/2021
 Supervised By :mohammad ahmed 12/08/2021

Integration File: sample.E
 Quant Time: Dec 08 00:59:45 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)	11.581	2348107	20.234 ug/ml
Spiked Amount 50.000		Recovery =	40.47%
12) S 1-chlorooctadecane (S...	13.013	1818036	19.970 ug/ml
Spiked Amount 50.000		Recovery =	39.94%
Target Compounds			
1) T n-Nonane (C9)	3.347	2162471	21.341 ug/ml
2) T n-Decane (C10)	4.414	2231588	22.285 ug/ml
3) T A~Naphthalene (C11.7)	6.002	2438562	21.839 ug/ml
4) T n-Dodecane (C12)	6.430	2256687	22.257 ug/ml
5) T A~2-methylnaphthalene...	7.058	2449505	22.216 ug/ml
6) T n-Tetradecane (C14)	8.224	2250781	22.215 ug/ml
7) T n-Hexadecane (C16)	9.822	2244140	21.869 ug/ml
8) T n-Octadecane (C18)	11.262	2278557	21.267 ug/ml
10) T n-Eicosane (C20)	12.569	2205035	20.616 ug/ml
11) T n-Heneicosane (C21)	13.180	2190729	20.230 ug/ml
13) T n-Docosane (C22)	13.765	2144331	20.015 ug/ml
14) T n-Tetracosane (C24)	14.864	2115430	19.541 ug/ml
15) T n-Hexacosane (C26)	15.882	2022225	18.985 ug/ml
16) T n-Octacosane (C28)	16.828	1992582	18.681 ug/ml
17) T n-Tricontane (C30)	17.712	1976024	18.539 ug/ml
18) T n-Dotriacontane (C32)	18.541	1940235	18.394 ug/ml
19) T n-Tetratriacontane (C34)	19.322	1930842	18.586 ug/ml
20) T n-Hexatriacontane (C36)	20.057	1892131	18.733 ug/mlm
21) T n-Octatriacontane (C38)	20.786	1825923	19.891 ug/ml
22) T n-Tetracontane (C40)	21.691	1854009	20.581 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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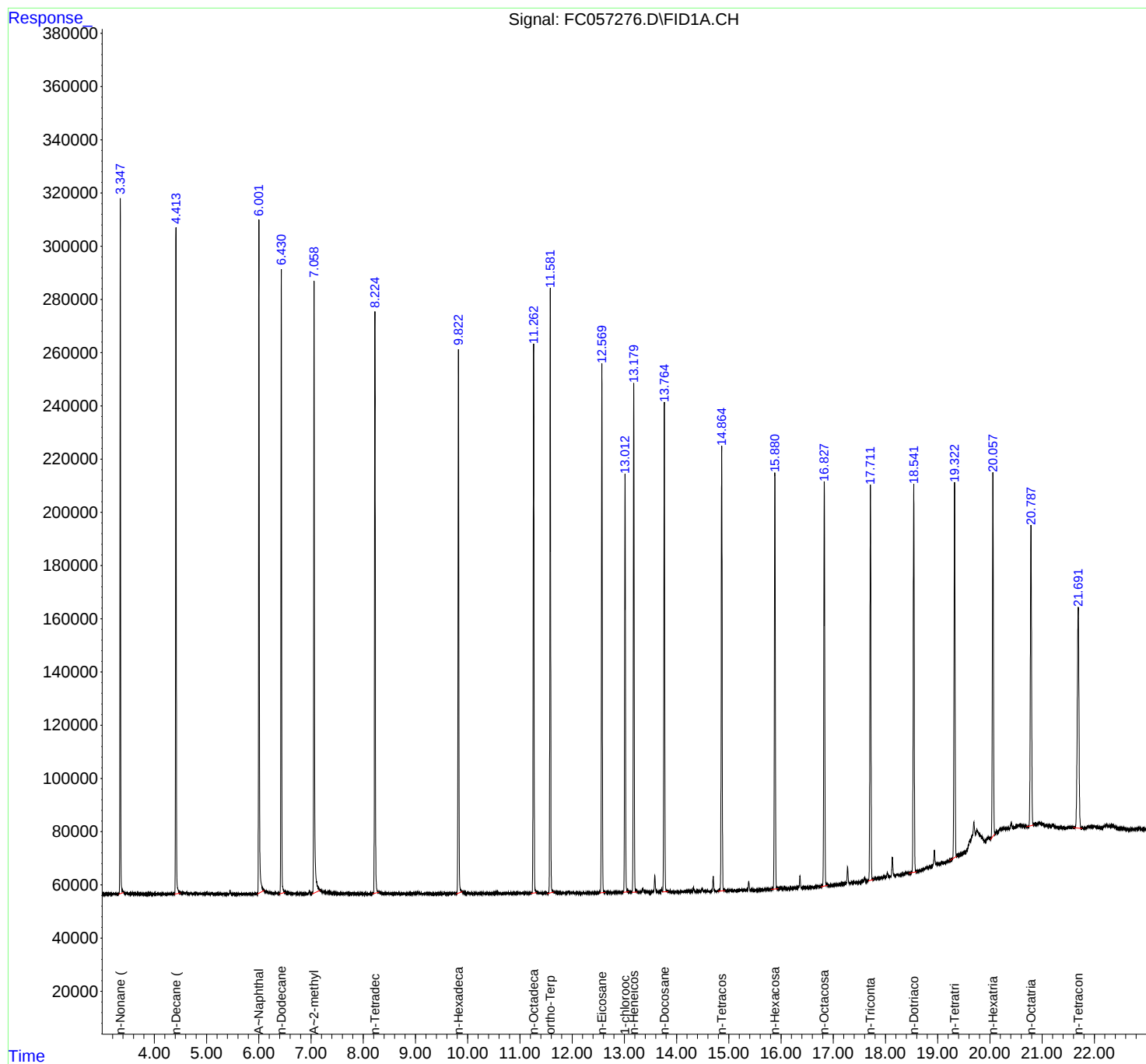
Instrument :
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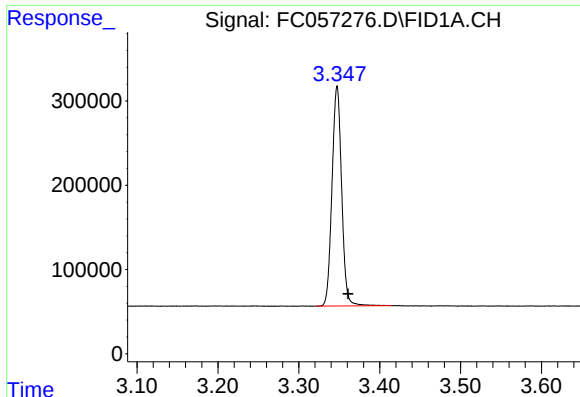
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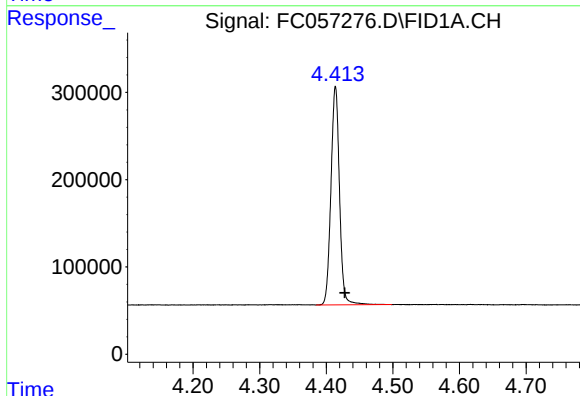
#1 n-Nonane (C9)

R.T.: 3.347 min
Delta R.T.: -0.014 min
Response: 2162471
Conc: 21.34 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

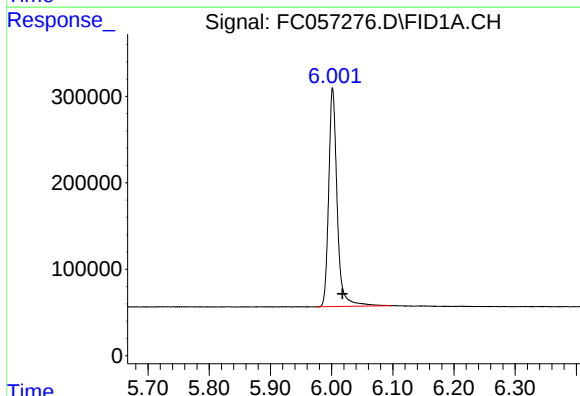
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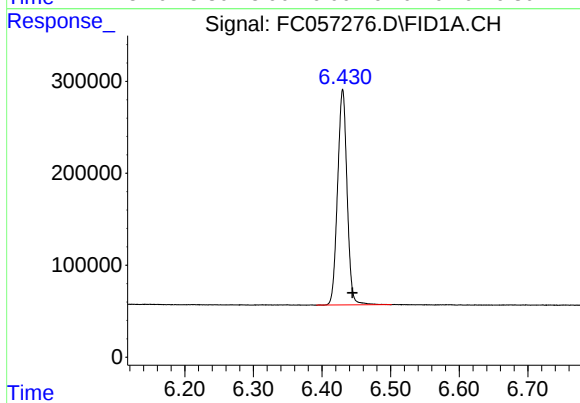
#2 n-Decane (C10)

R.T.: 4.414 min
Delta R.T.: -0.014 min
Response: 2231588
Conc: 22.28 ug/ml



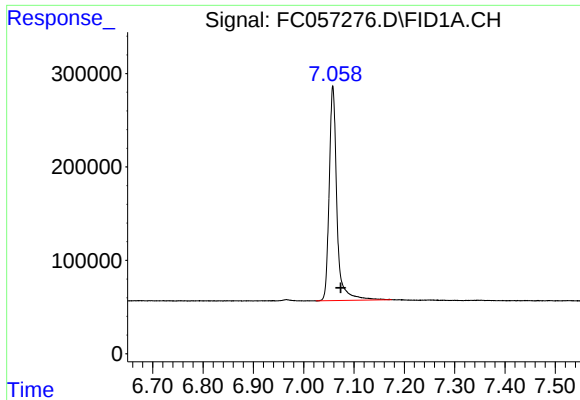
#3 A~Naphthalene (C11.7)

R.T.: 6.002 min
Delta R.T.: -0.016 min
Response: 2438562
Conc: 21.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.430 min
Delta R.T.: -0.014 min
Response: 2256687
Conc: 22.26 ug/ml



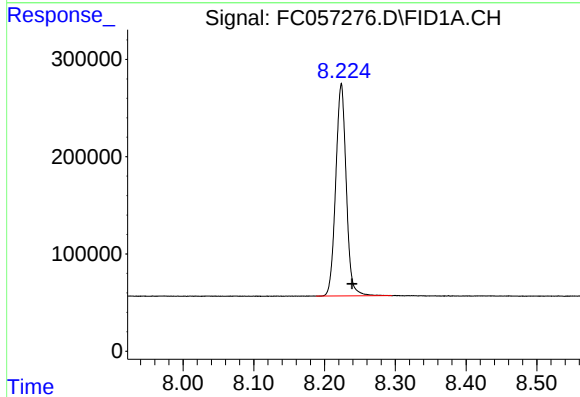
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.058 min
Delta R.T.: -0.015 min
Response: 2449505
Conc: 22.22 ug/ml

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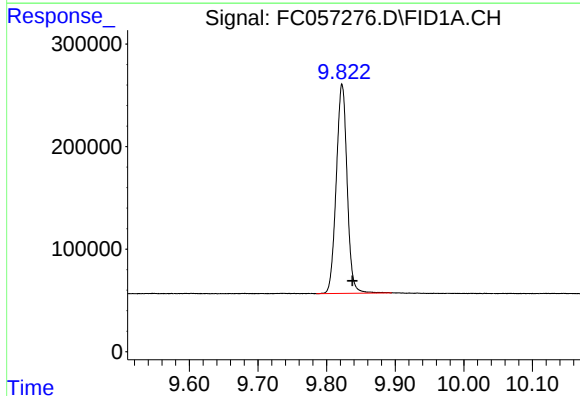
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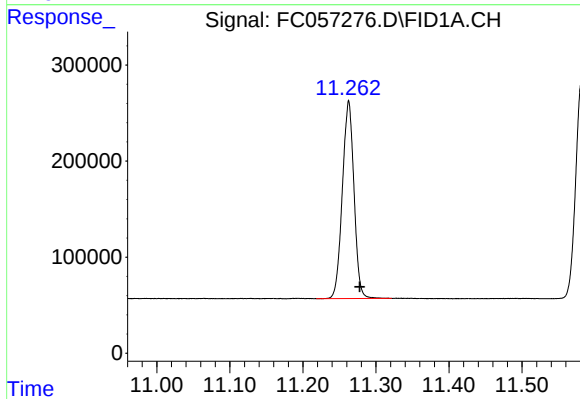
#6 n-Tetradecane (C14)

R.T.: 8.224 min
Delta R.T.: -0.015 min
Response: 2250781
Conc: 22.21 ug/ml



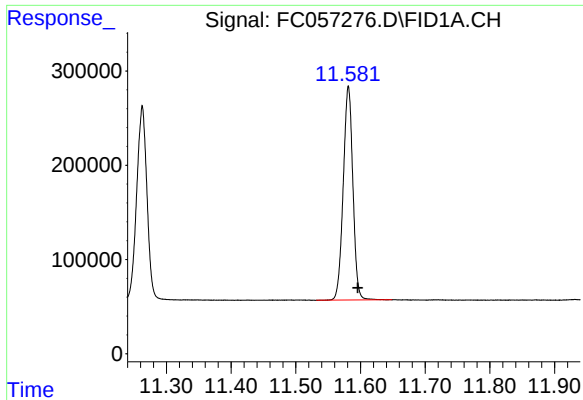
#7 n-Hexadecane (C16)

R.T.: 9.822 min
Delta R.T.: -0.015 min
Response: 2244140
Conc: 21.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.262 min
Delta R.T.: -0.015 min
Response: 2278557
Conc: 21.27 ug/ml



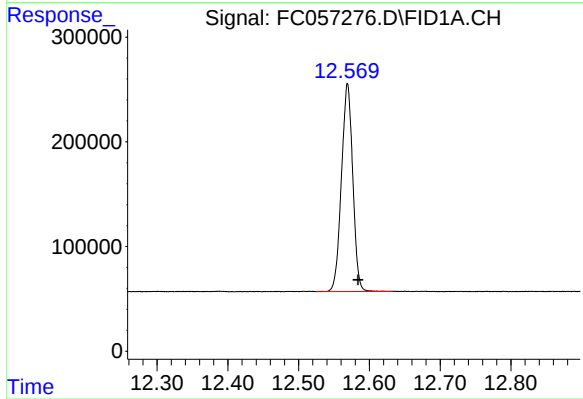
#9 ortho-Terphenyl (SURR)

R.T.: 11.581 min
Delta R.T.: -0.015 min
Response: 2348107
Conc: 20.23 ug/ml

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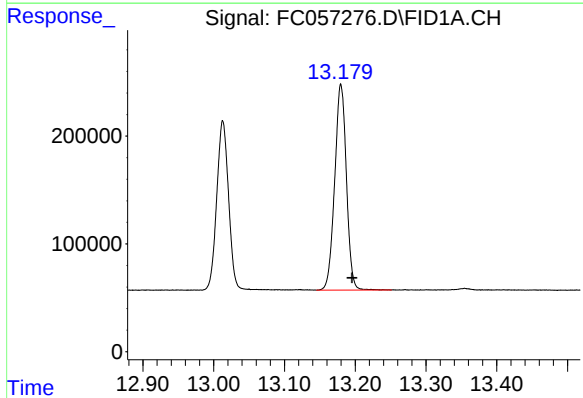
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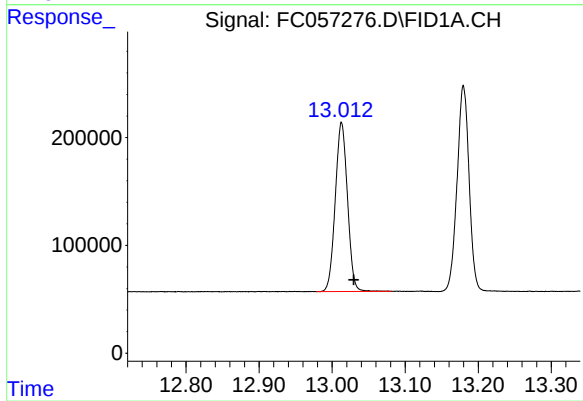
#10 n-Eicosane (C20)

R.T.: 12.569 min
Delta R.T.: -0.015 min
Response: 2205035
Conc: 20.62 ug/ml



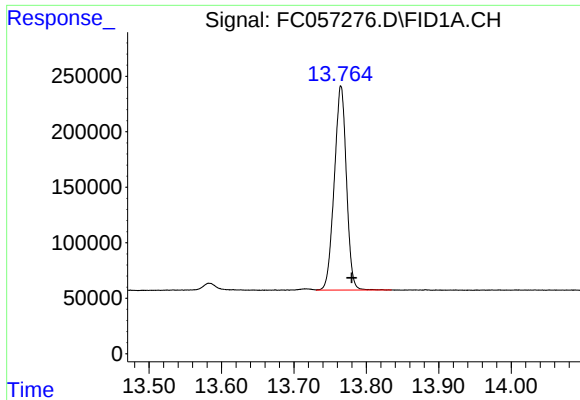
#11 n-Heneicosane (C21)

R.T.: 13.180 min
Delta R.T.: -0.016 min
Response: 2190729
Conc: 20.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.013 min
Delta R.T.: -0.017 min
Response: 1818036
Conc: 19.97 ug/ml



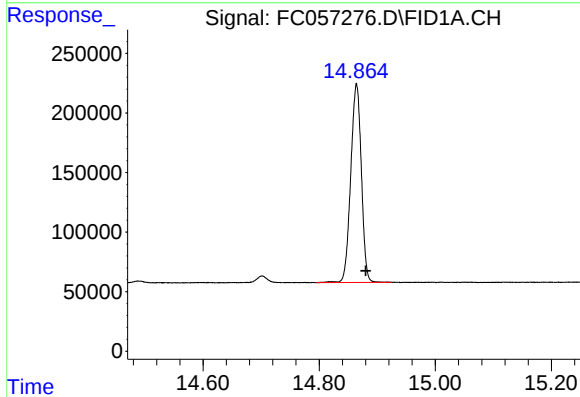
#13 n-Docosane (C22)

R.T.: 13.765 min
Delta R.T.: -0.015 min
Response: 2144331
Conc: 20.02 ug/ml

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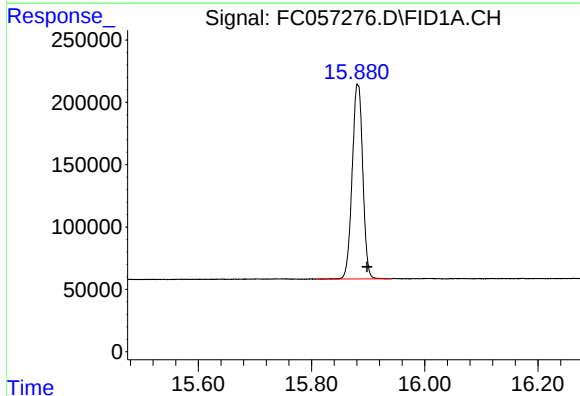
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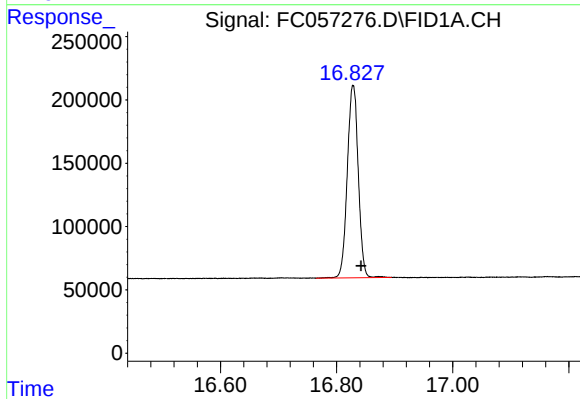
#14 n-Tetracosane (C24)

R.T.: 14.864 min
Delta R.T.: -0.016 min
Response: 2115430
Conc: 19.54 ug/ml



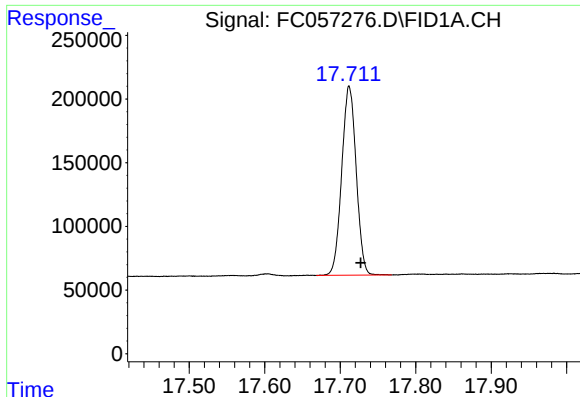
#15 n-Hexacosane (C26)

R.T.: 15.882 min
Delta R.T.: -0.016 min
Response: 2022225
Conc: 18.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.828 min
Delta R.T.: -0.014 min
Response: 1992582
Conc: 18.68 ug/ml



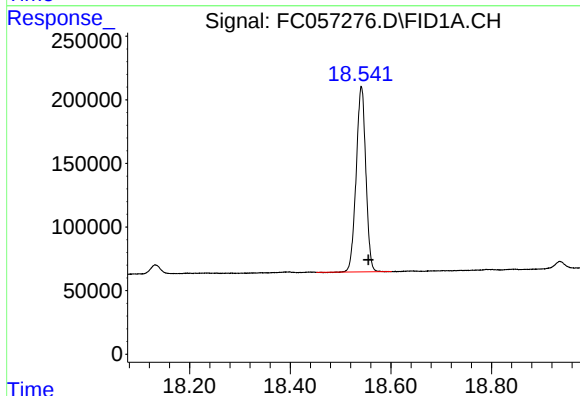
#17 n-Tricontane (C30)

R.T.: 17.712 min
Delta R.T.: -0.015 min
Response: 1976024
Conc: 18.54 ug/ml

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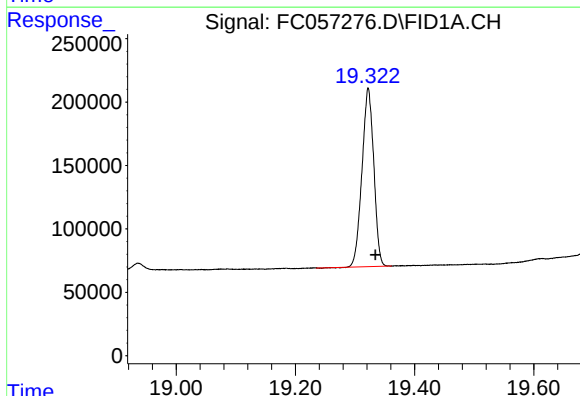
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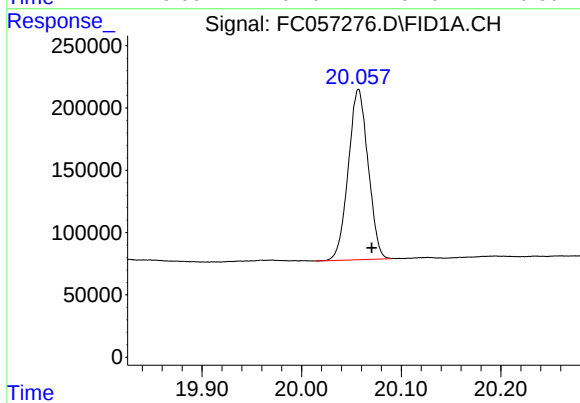
#18 n-Dotriacontane (C32)

R.T.: 18.541 min
Delta R.T.: -0.014 min
Response: 1940235
Conc: 18.39 ug/ml



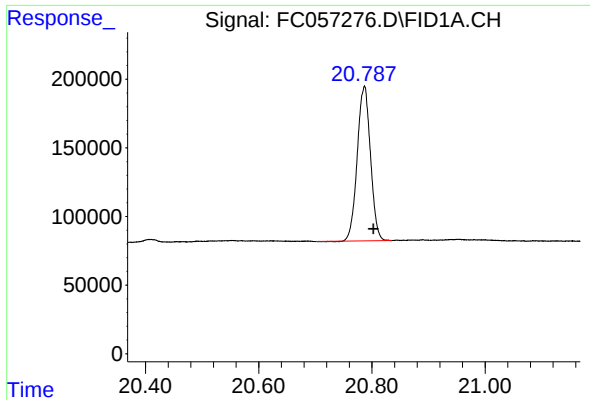
#19 n-Tetratriacontane (C34)

R.T.: 19.322 min
Delta R.T.: -0.012 min
Response: 1930842
Conc: 18.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.057 min
Delta R.T.: -0.013 min
Response: 1892131
Conc: 18.73 ug/ml m



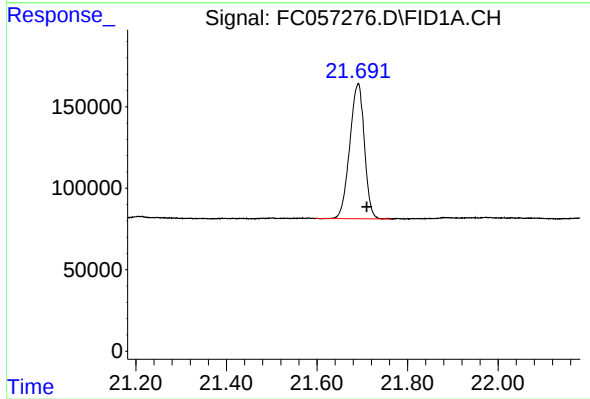
#21 n-Octatriacontane (C38)

R.T.: 20.786 min
Delta R.T.: -0.017 min
Response: 1825923
Conc: 19.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.691 min
Delta R.T.: -0.020 min
Response: 1854009
Conc: 20.58 ug/ml