

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121521AL\
 Data File : FC057489.D
 Signal(s) : FID1A.CH
 Acq On : 15 Dec 2021 14:06
 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 :Yogesh Patel 12/16/2021
 Supervised By :Ankita Jodhani 12/16/2021

Integration File: sample.E
 Quant Time: Dec 16 06:03:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 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)	10.838	2451164	17.614 ug/ml
Spiked Amount 50.000		Recovery =	35.23%
12) S 1-chlorooctadecane (S...	12.275	1932571	17.451 ug/ml
Spiked Amount 50.000		Recovery =	34.90%
Target Compounds			
1) T n-Nonane (C9)	2.700	2173373	17.591 ug/mlm
2) T n-Decane (C10)	3.707	2195181	17.624 ug/ml
3) T A~Naphthalene (C11.7)	5.267	2451843	17.673 ug/mlm
4) T n-Dodecane (C12)	5.695	2184923	17.692 ug/ml
5) T A~2-methylnaphthalene...	6.315	2472436	17.680 ug/ml
6) T n-Tetradecane (C14)	7.484	2199678	17.764 ug/ml
7) T n-Hexadecane (C16)	9.083	2204560	17.582 ug/ml
8) T n-Octadecane (C18)	10.523	2273714	17.566 ug/ml
10) T n-Eicosane (C20)	11.831	2269448	17.469 ug/ml
11) T n-Heneicosane (C21)	12.442	2313392	17.627 ug/ml
13) T n-Docosane (C22)	13.028	2298841	17.490 ug/ml
14) T n-Tetracosane (C24)	14.130	2315823	17.412 ug/ml
15) T n-Hexacosane (C26)	15.150	2293733	17.492 ug/ml
16) T n-Octacosane (C28)	16.098	2298523	17.479 ug/ml
17) T n-Tricontane (C30)	16.988	2330902	17.055 ug/ml
18) T n-Dotriacontane (C32)	17.820	2297843	17.138 ug/ml
19) T n-Tetratriacontane (C34)	18.602	2205251	16.912 ug/ml
20) T n-Hexatriacontane (C36)	19.341	2063551	17.379 ug/mlm
21) T n-Octatriacontane (C38)	20.069	1936761	17.634 ug/ml
22) T n-Tetracontane (C40)	20.959	1829277	18.322 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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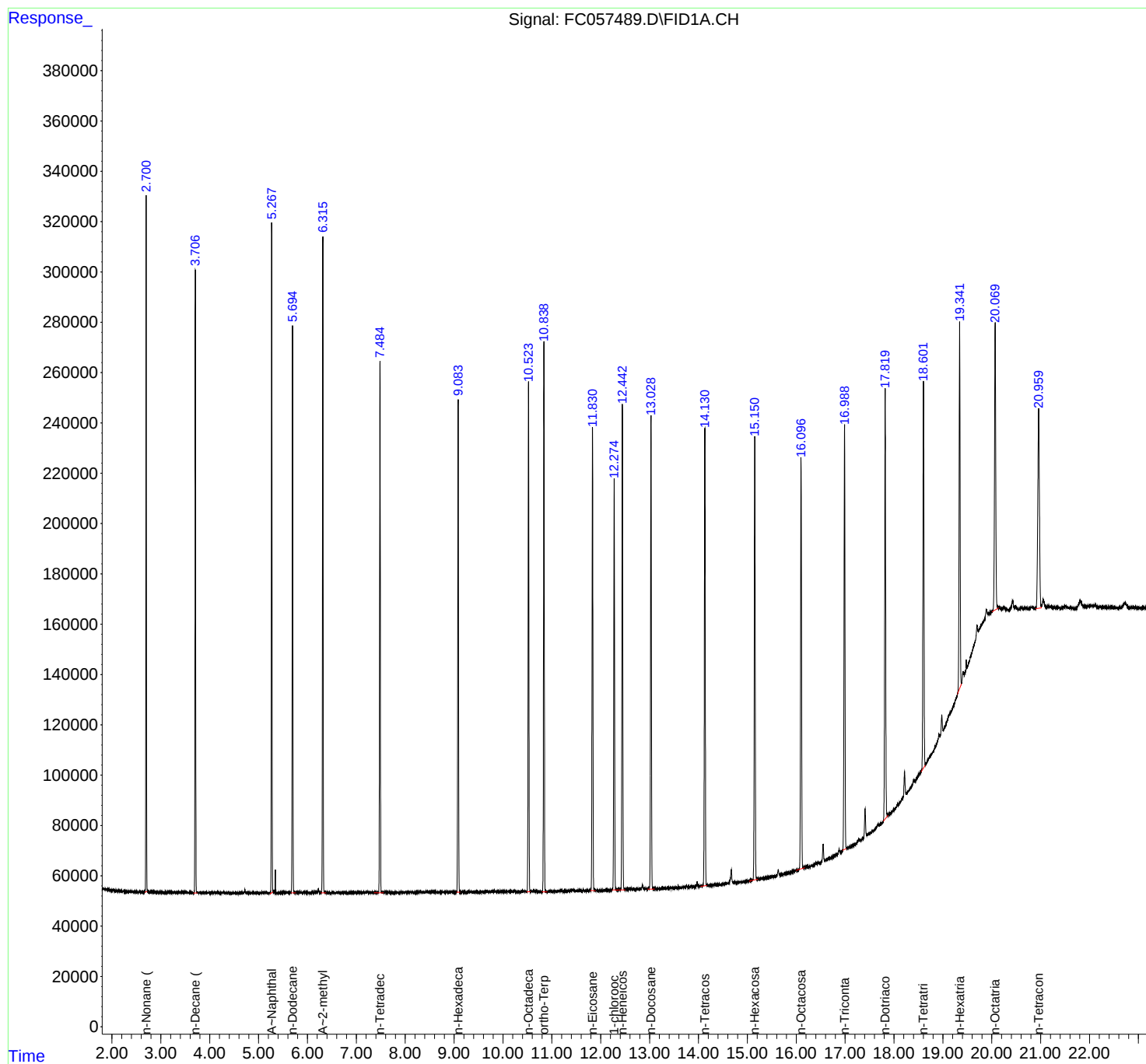
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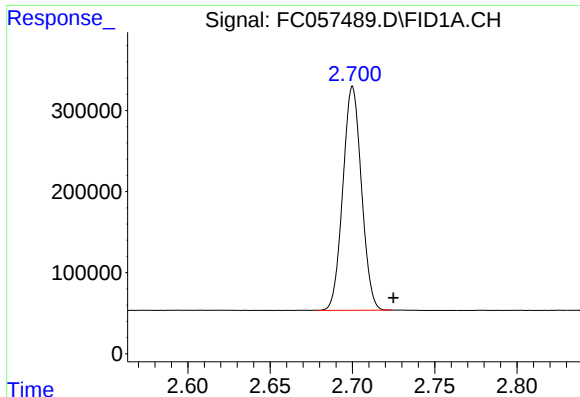
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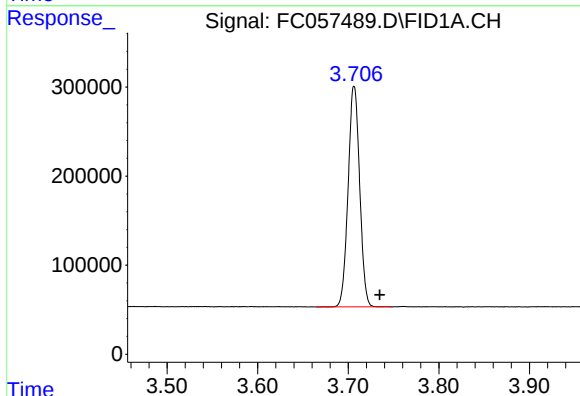
#1 n-Nonane (C9)

R.T.: 2.700 min
Delta R.T.: -0.025 min
Response: 2173373
Conc: 17.59 ug/ml

Instrument : FID_C
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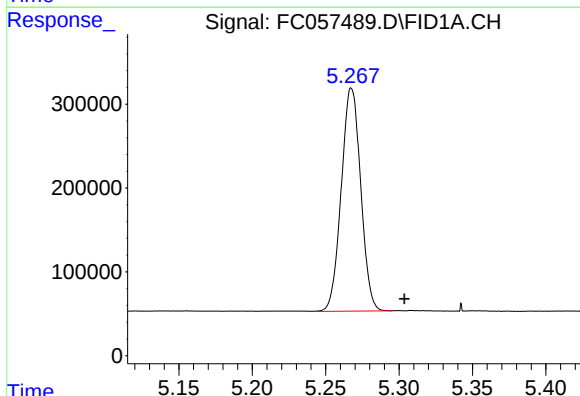
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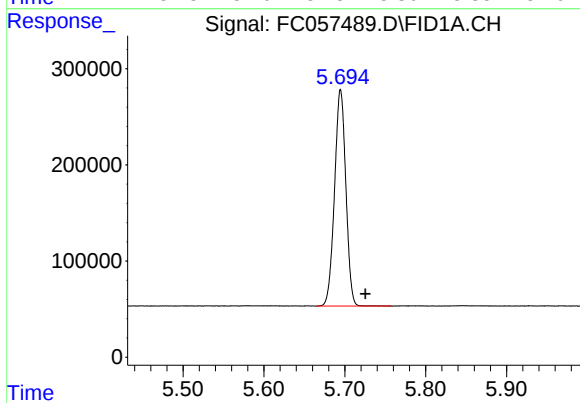
#2 n-Decane (C10)

R.T.: 3.707 min
Delta R.T.: -0.028 min
Response: 2195181
Conc: 17.62 ug/ml



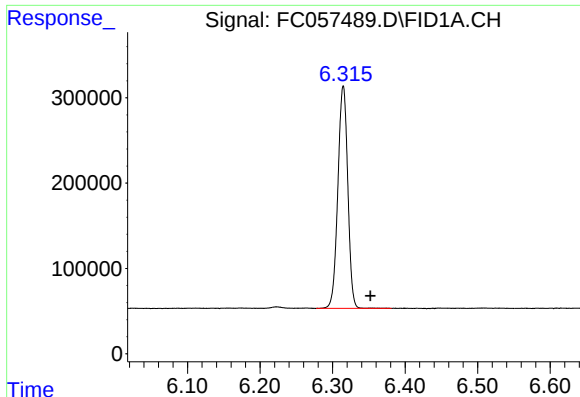
#3 A~Naphthalene (C11.7)

R.T.: 5.267 min
Delta R.T.: -0.037 min
Response: 2451843
Conc: 17.67 ug/ml m



#4 n-Dodecane (C12)

R.T.: 5.695 min
Delta R.T.: -0.031 min
Response: 2184923
Conc: 17.69 ug/ml



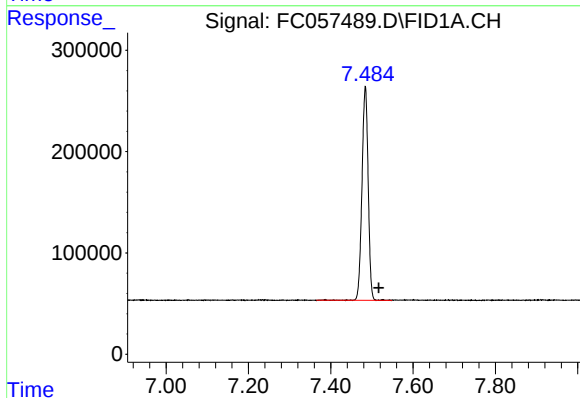
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.315 min
Delta R.T.: -0.038 min
Response: 2472436
Conc: 17.68 ug/ml

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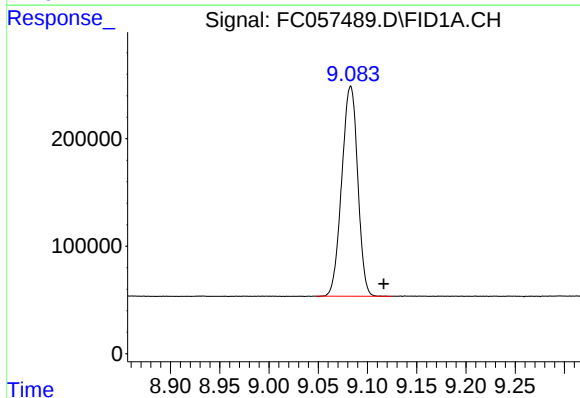
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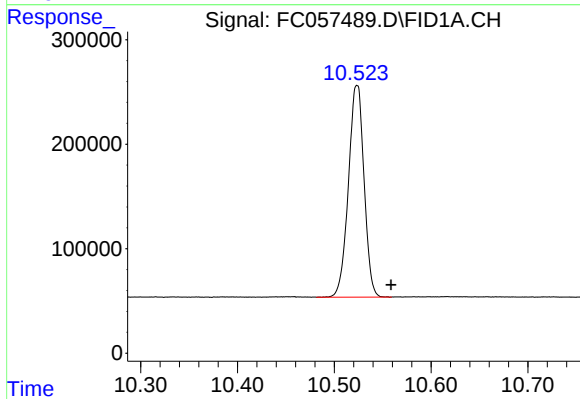
#6 n-Tetradecane (C14)

R.T.: 7.484 min
Delta R.T.: -0.032 min
Response: 2199678
Conc: 17.76 ug/ml



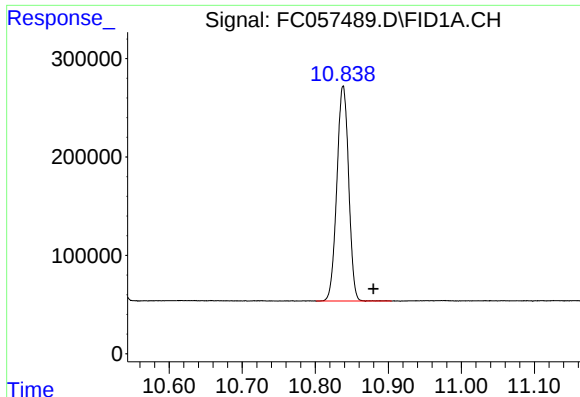
#7 n-Hexadecane (C16)

R.T.: 9.083 min
Delta R.T.: -0.034 min
Response: 2204560
Conc: 17.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.523 min
Delta R.T.: -0.035 min
Response: 2273714
Conc: 17.57 ug/ml



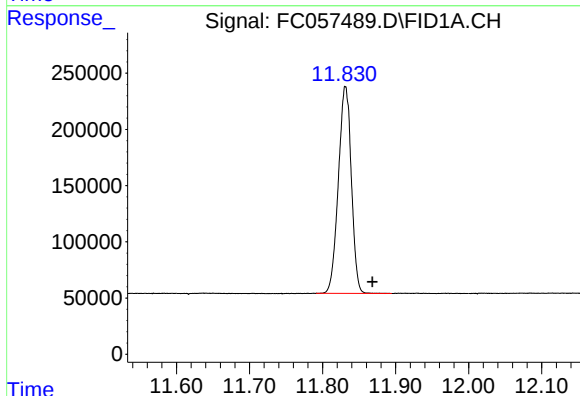
#9 ortho-Terphenyl (SURR)

R.T.: 10.838 min
Delta R.T.: -0.041 min
Response: 2451164
Conc: 17.61 ug/ml

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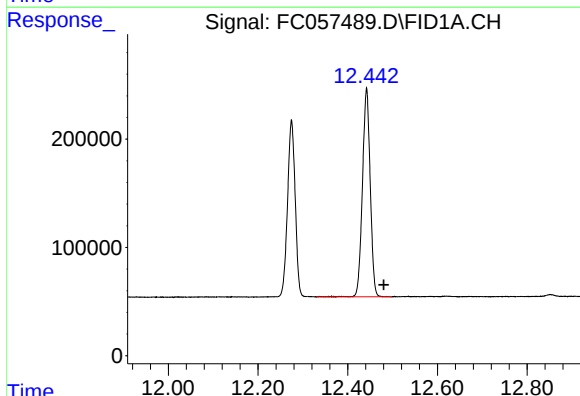
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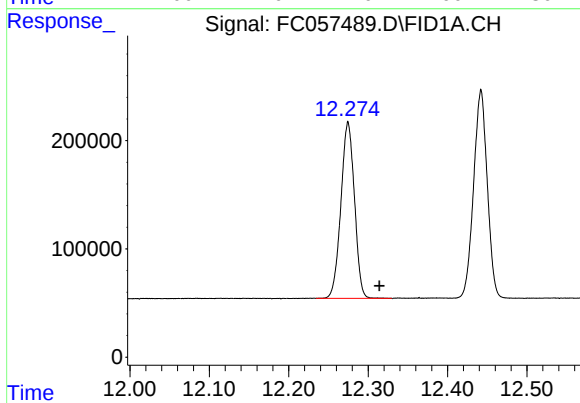
#10 n-Eicosane (C20)

R.T.: 11.831 min
Delta R.T.: -0.037 min
Response: 2269448
Conc: 17.47 ug/ml



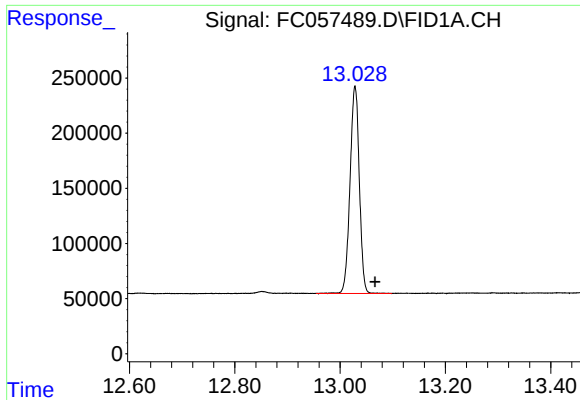
#11 n-Heneicosane (C21)

R.T.: 12.442 min
Delta R.T.: -0.038 min
Response: 2313392
Conc: 17.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.275 min
Delta R.T.: -0.039 min
Response: 1932571
Conc: 17.45 ug/ml



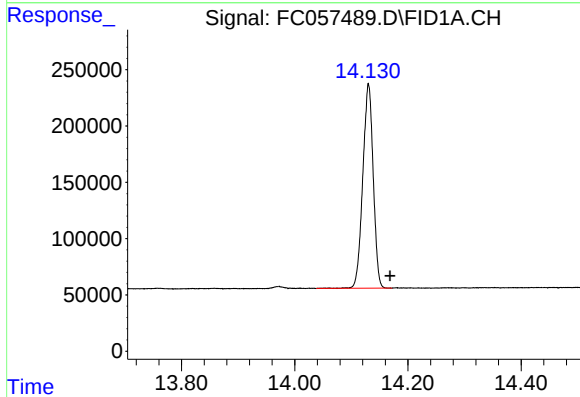
#13 n-Docosane (C22)

R.T.: 13.028 min
Delta R.T.: -0.038 min
Response: 2298841
Conc: 17.49 ug/ml

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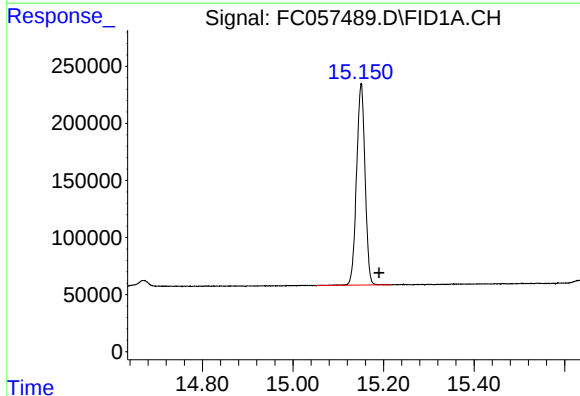
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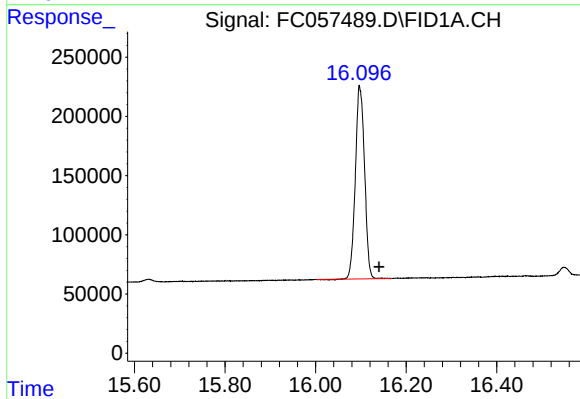
#14 n-Tetracosane (C24)

R.T.: 14.130 min
Delta R.T.: -0.038 min
Response: 2315823
Conc: 17.41 ug/ml



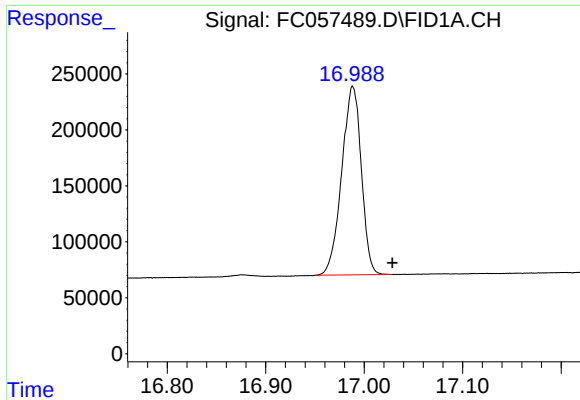
#15 n-Hexacosane (C26)

R.T.: 15.150 min
Delta R.T.: -0.040 min
Response: 2293733
Conc: 17.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.098 min
Delta R.T.: -0.043 min
Response: 2298523
Conc: 17.48 ug/ml



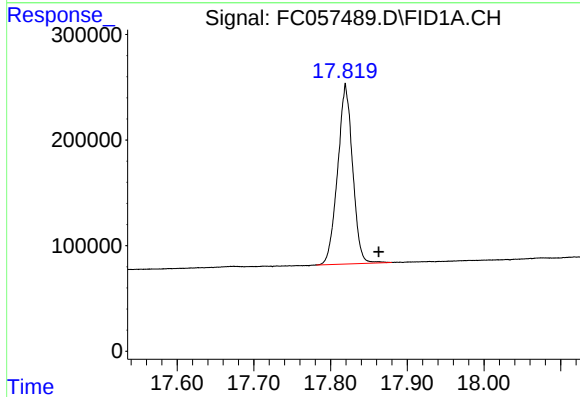
#17 n-Tricontane (C30)

R.T.: 16.988 min
Delta R.T.: -0.040 min
Response: 2330902
Conc: 17.06 ug/ml

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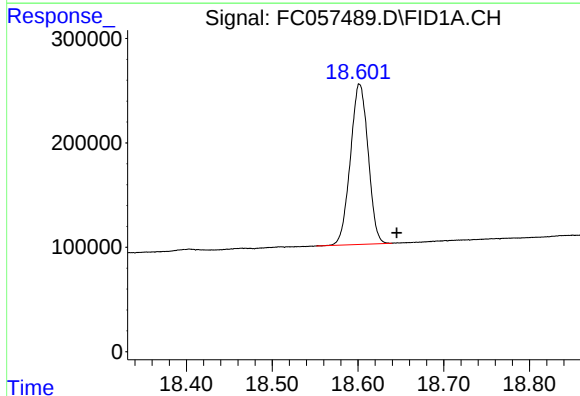
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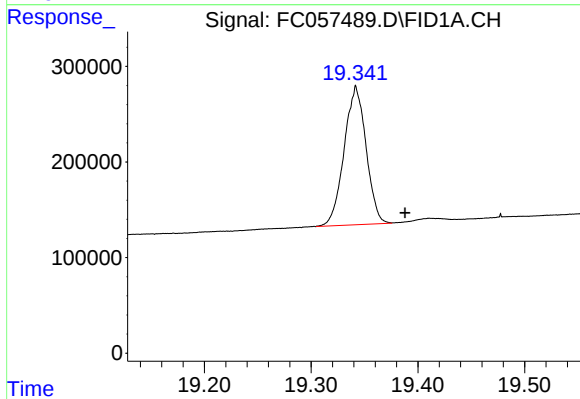
#18 n-Dotriacontane (C32)

R.T.: 17.820 min
Delta R.T.: -0.043 min
Response: 2297843
Conc: 17.14 ug/ml



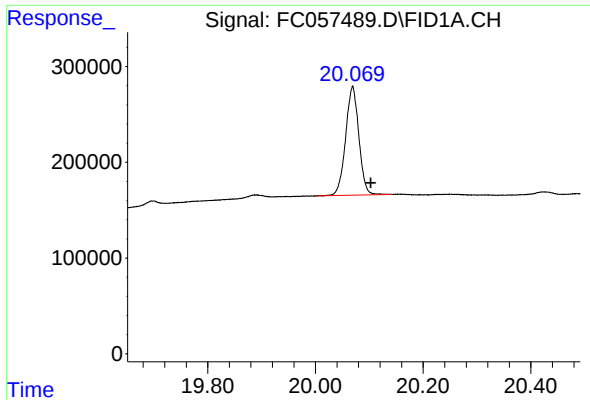
#19 n-Tetratriacontane (C34)

R.T.: 18.602 min
Delta R.T.: -0.043 min
Response: 2205251
Conc: 16.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.341 min
Delta R.T.: -0.047 min
Response: 2063551
Conc: 17.38 ug/ml m



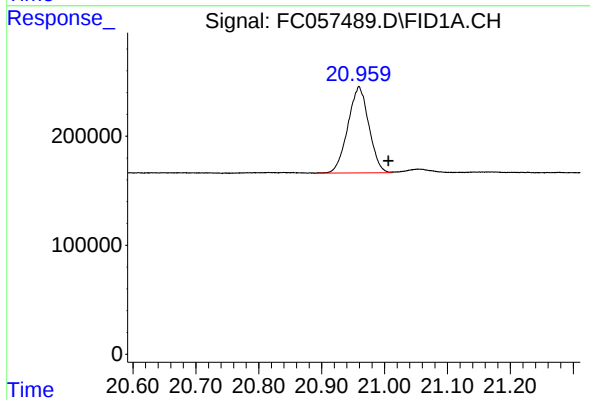
#21 n-Octatriacontane (C38)

R.T.: 20.069 min
Delta R.T.: -0.034 min
Response: 1936761
Conc: 17.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.959 min
Delta R.T.: -0.047 min
Response: 1829277
Conc: 18.32 ug/ml