

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051122AL\
 Data File : FC059689.D
 Signal(s) : FID1A.CH
 Acq On : 11 May 2022 11:09
 Operator : UA/NP
 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 05/12/2022
 Supervised By :mohammad ahmed 05/12/2022

Integration File: sample.E
 Quant Time: May 12 02:10:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 2022
 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)	10.661	3066286	20.881 ug/ml
Spiked Amount 50.000		Recovery =	41.76%
12) S 1-chlorooctadecane (S...	12.030	2437811	21.184 ug/ml
Spiked Amount 50.000		Recovery =	42.37%
Target Compounds			
1) T n-Nonane (C9)	2.637	2592084	20.298 ug/ml
2) T n-Decane (C10)	3.637	2632508	20.786 ug/ml
3) T A~Naphthalene (C11.7)	5.174	3030744	20.583 ug/ml
4) T n-Dodecane (C12)	5.591	2725444	20.724 ug/ml
5) T A~2-methylnaphthalene...	6.198	3096364	20.599 ug/ml
6) T n-Tetradecane (C14)	7.343	2784318	20.692 ug/ml
7) T n-Hexadecane (C16)	8.906	2846562	20.745 ug/ml
8) T n-Octadecane (C18)	10.315	2874759	20.861 ug/ml
10) T n-Eicosane (C20)	11.595	2839758	21.114 ug/ml
11) T n-Heneicosane (C21)	12.192	2824437	21.172 ug/ml
13) T n-Docosane (C22)	12.765	2817791	21.470 ug/ml
14) T n-Tetracosane (C24)	13.843	2797961	22.238 ug/ml
15) T n-Hexacosane (C26)	14.840	2619287	21.932 ug/ml
16) T n-Octacosane (C28)	15.768	2533974	22.258 ug/ml
17) T n-Tricontane (C30)	16.636	2480261	22.563 ug/ml
18) T n-Dotriacontane (C32)	17.449	2323056	22.471 ug/mlm
19) T n-Tetratriacontane (C34)	18.212	2150370	22.025 ug/mlm
20) T n-Hexatriacontane (C36)	18.936	1997325	21.515 ug/mlm
21) T n-Octatriacontane (C38)	19.616	1935926	20.337 ug/mlm
22) T n-Tetracontane (C40)	20.266	1975195	20.865 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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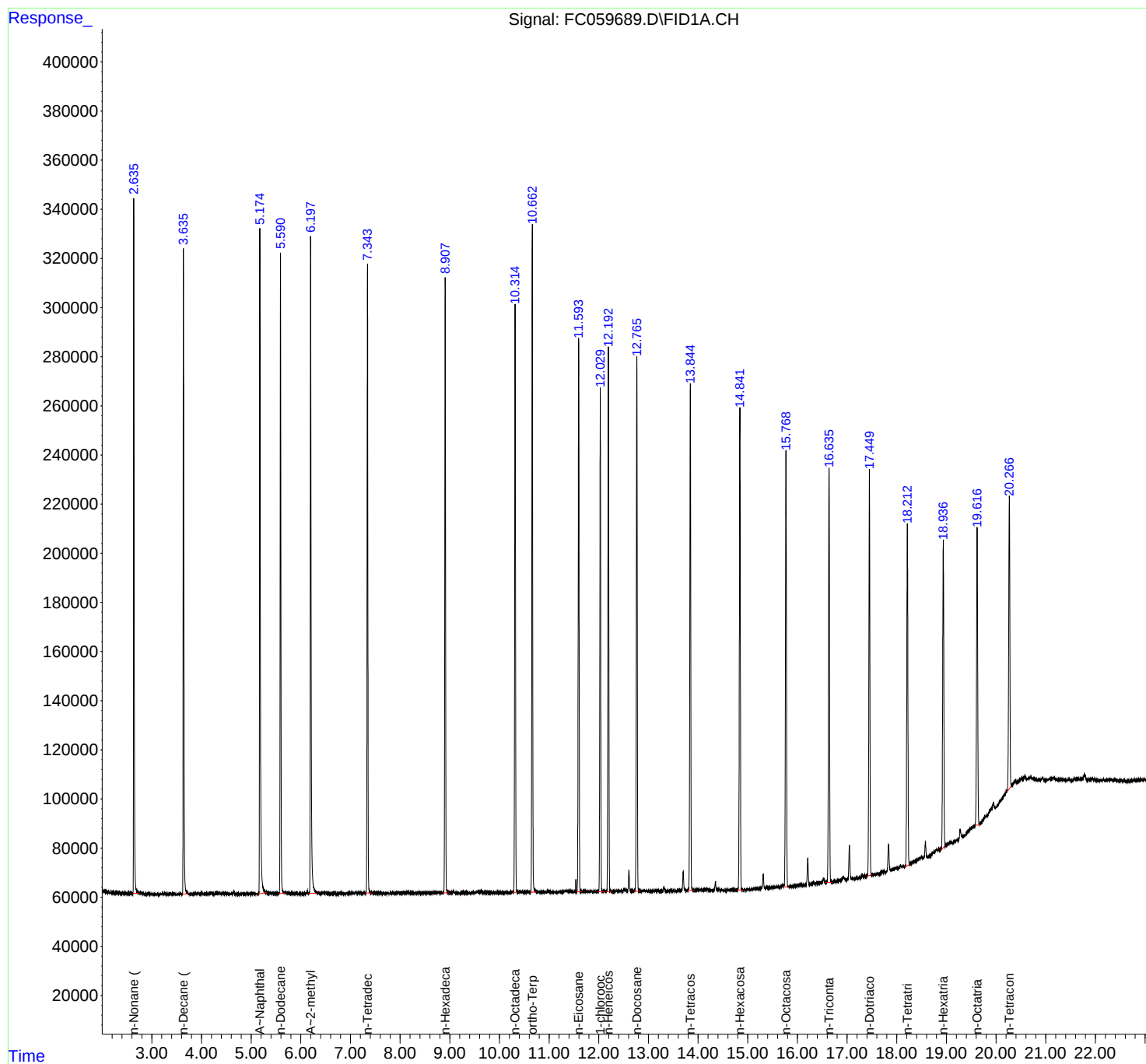
Instrument :
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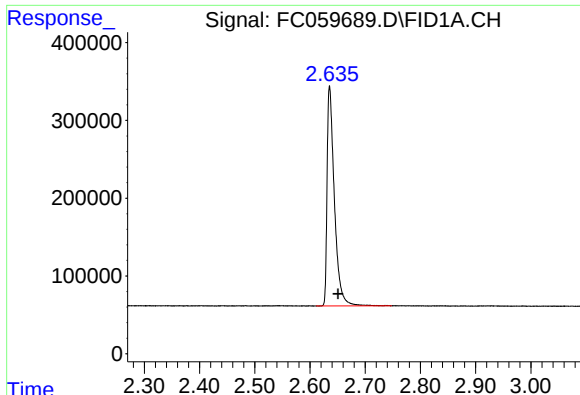
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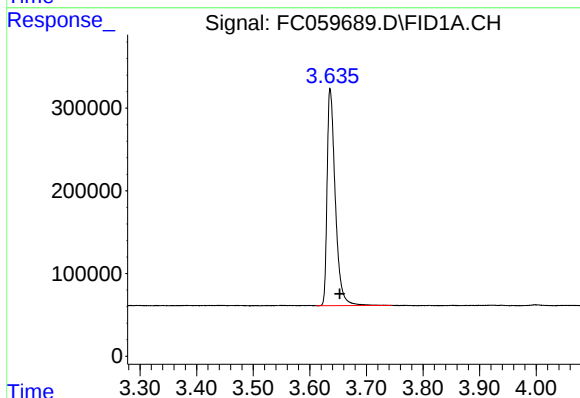
#1 n-Nonane (C9)

R.T.: 2.637 min
Delta R.T.: -0.014 min
Response: 2592084
Conc: 20.30 ug/ml

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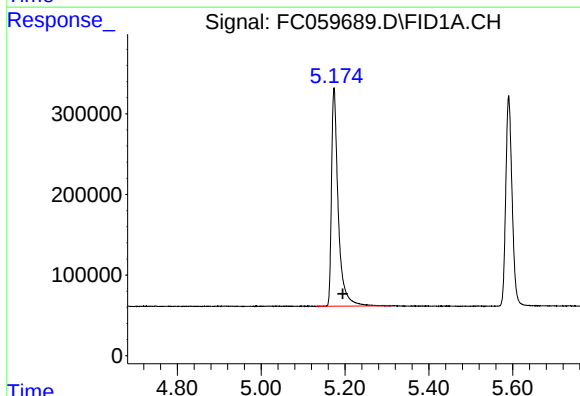
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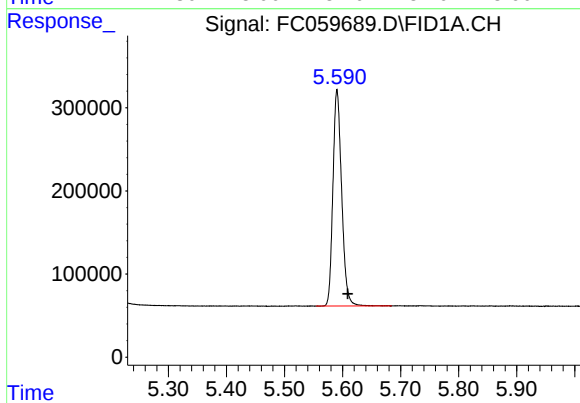
#2 n-Decane (C10)

R.T.: 3.637 min
Delta R.T.: -0.016 min
Response: 2632508
Conc: 20.79 ug/ml



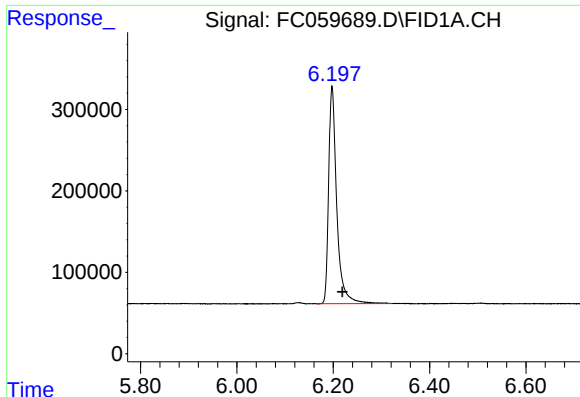
#3 A~Naphthalene (C11.7)

R.T.: 5.174 min
Delta R.T.: -0.020 min
Response: 3030744
Conc: 20.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.591 min
Delta R.T.: -0.018 min
Response: 2725444
Conc: 20.72 ug/ml



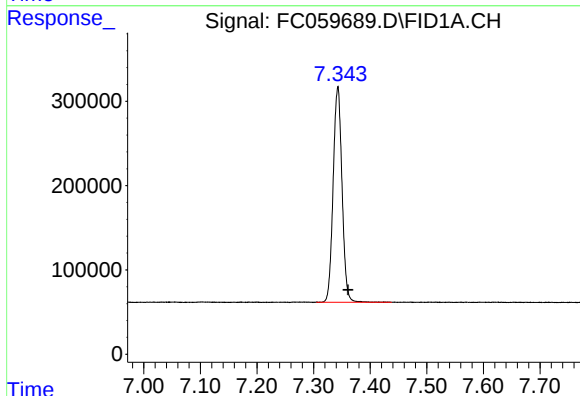
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.198 min
Delta R.T.: -0.021 min
Response: 3096364
Conc: 20.60 ug/ml

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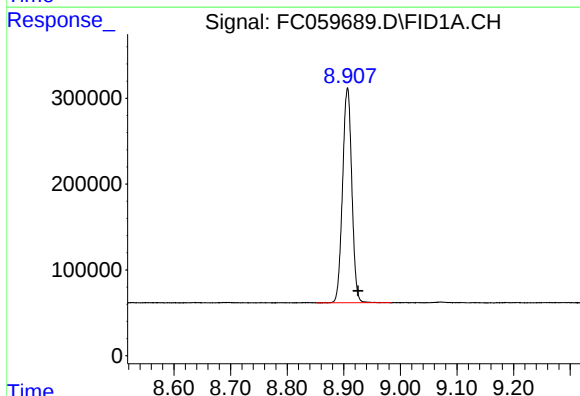
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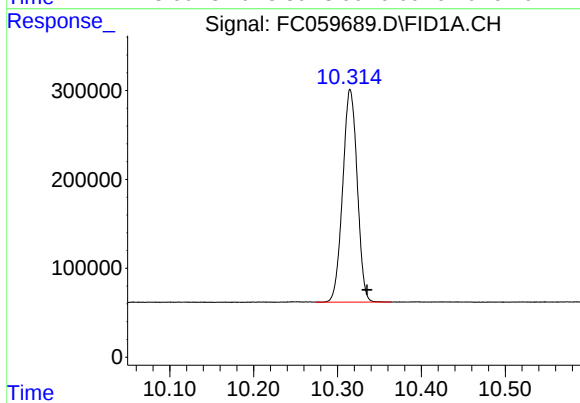
#6 n-Tetradecane (C14)

R.T.: 7.343 min
Delta R.T.: -0.018 min
Response: 2784318
Conc: 20.69 ug/ml



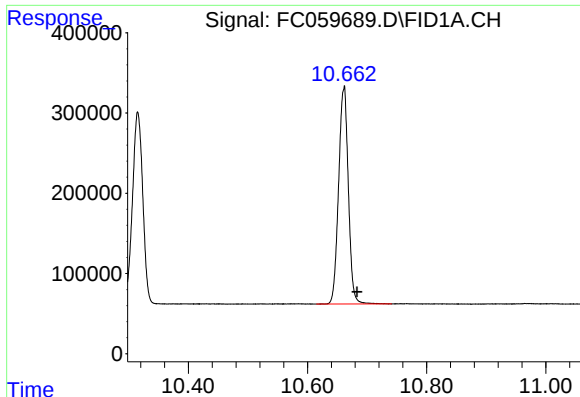
#7 n-Hexadecane (C16)

R.T.: 8.906 min
Delta R.T.: -0.019 min
Response: 2846562
Conc: 20.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.315 min
Delta R.T.: -0.020 min
Response: 2874759
Conc: 20.86 ug/ml



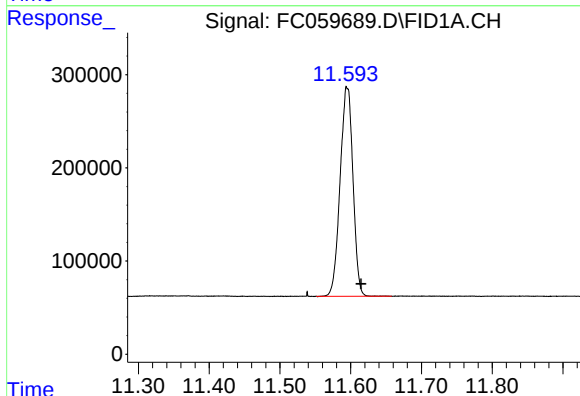
#9 ortho-Terphenyl (SURR)

R.T.: 10.661 min
Delta R.T.: -0.023 min
Response: 3066286
Conc: 20.88 ug/ml

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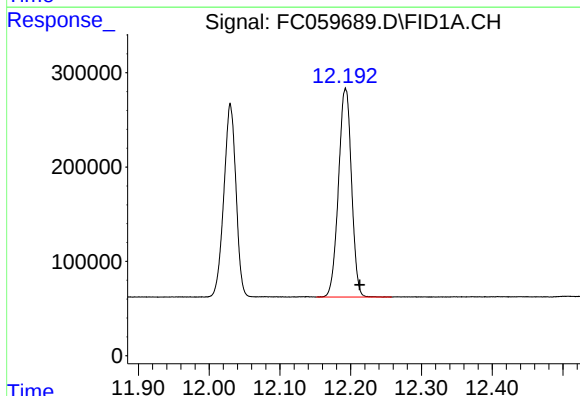
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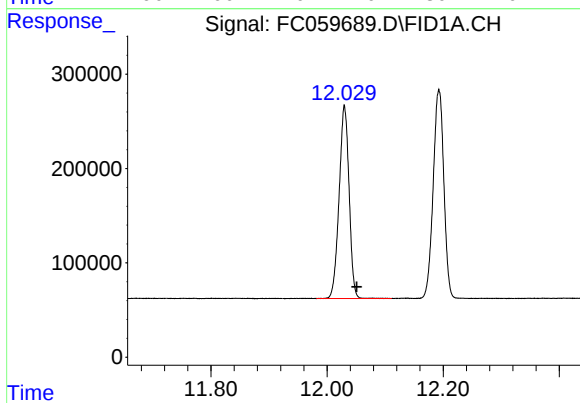
#10 n-Eicosane (C20)

R.T.: 11.595 min
Delta R.T.: -0.020 min
Response: 2839758
Conc: 21.11 ug/ml



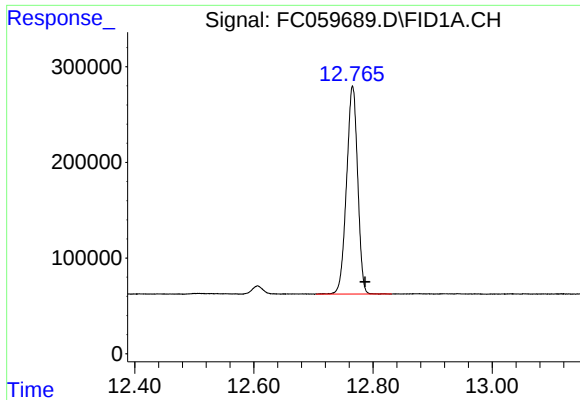
#11 n-Heneicosane (C21)

R.T.: 12.192 min
Delta R.T.: -0.020 min
Response: 2824437
Conc: 21.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.030 min
Delta R.T.: -0.021 min
Response: 2437811
Conc: 21.18 ug/ml



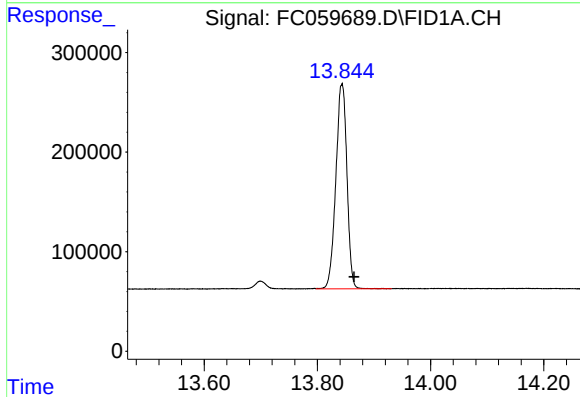
#13 n-Docosane (C22)

R.T.: 12.765 min
Delta R.T.: -0.021 min
Response: 2817791
Conc: 21.47 ug/ml

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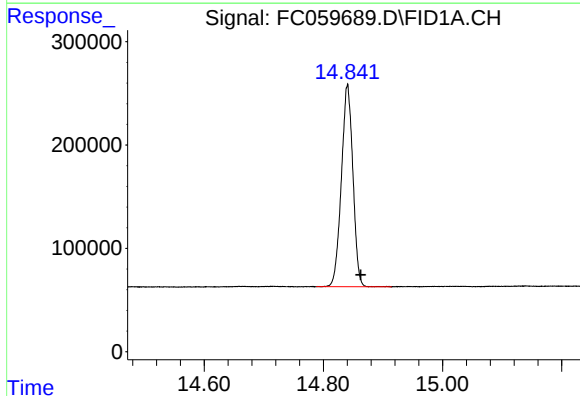
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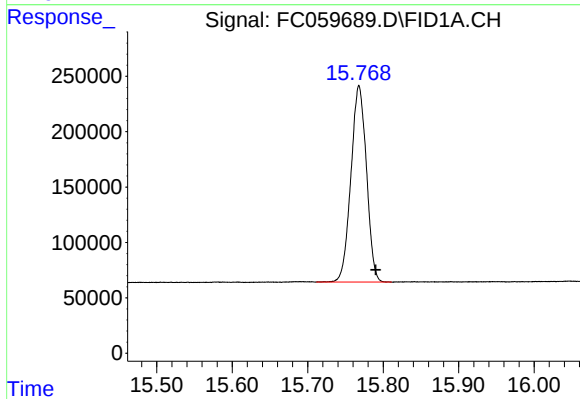
#14 n-Tetracosane (C24)

R.T.: 13.843 min
Delta R.T.: -0.022 min
Response: 2797961
Conc: 22.24 ug/ml



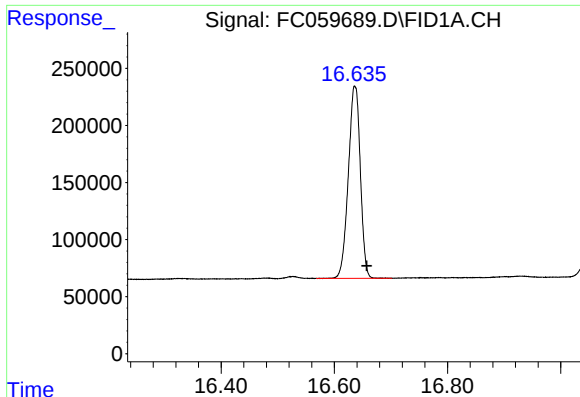
#15 n-Hexacosane (C26)

R.T.: 14.840 min
Delta R.T.: -0.022 min
Response: 2619287
Conc: 21.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.768 min
Delta R.T.: -0.022 min
Response: 2533974
Conc: 22.26 ug/ml



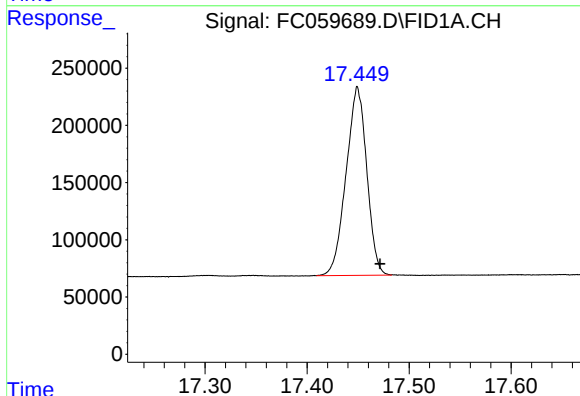
#17 n-Tricontane (C30)

R.T.: 16.636 min
Delta R.T.: -0.021 min
Response: 2480261
Conc: 22.56 ug/ml

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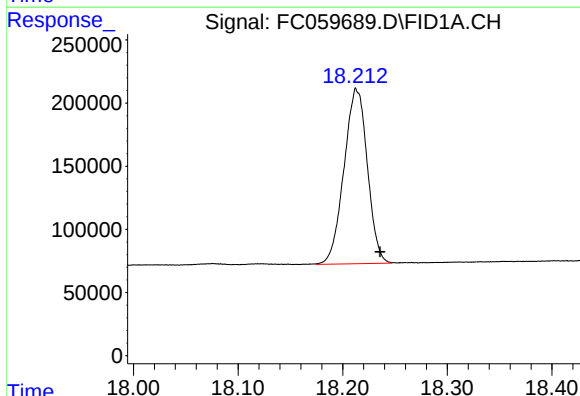
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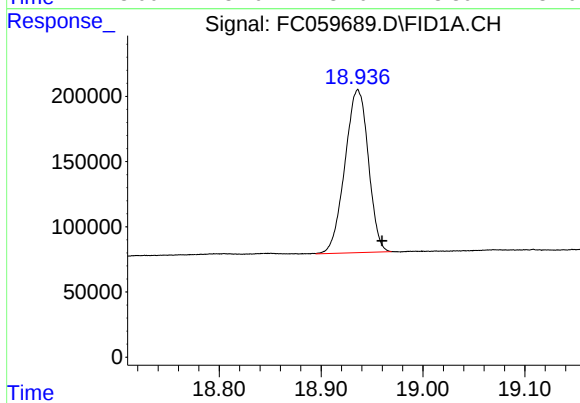
#18 n-Dotriacontane (C32)

R.T.: 17.449 min
Delta R.T.: -0.023 min
Response: 2323056
Conc: 22.47 ug/ml m



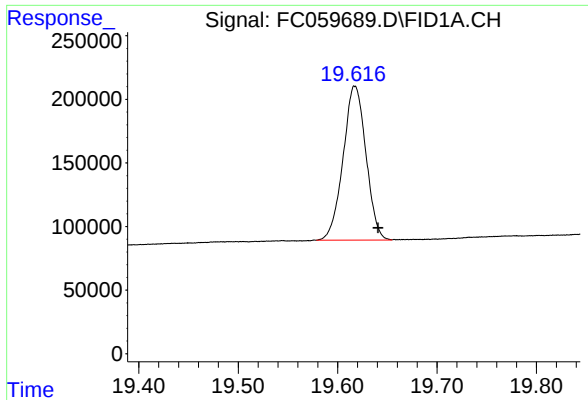
#19 n-Tetratriacontane (C34)

R.T.: 18.212 min
Delta R.T.: -0.024 min
Response: 2150370
Conc: 22.03 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.936 min
Delta R.T.: -0.024 min
Response: 1997325
Conc: 21.51 ug/ml m



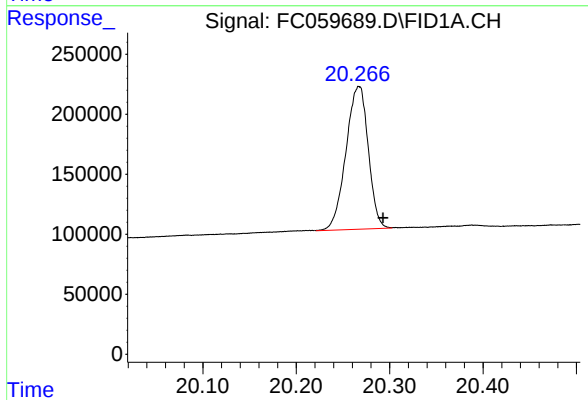
#21 n-Octatriacontane (C38)

R.T.: 19.616 min
Delta R.T.: -0.024 min
Response: 1935926
Conc: 20.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.266 min
Delta R.T.: -0.027 min
Response: 1975195
Conc: 20.87 ug/ml m