

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031522AL\
 Data File : FC058771.D
 Signal(s) : FID1A.CH
 Acq On : 16 Mar 2022 10:17
 Operator : UA/NP
 Sample : N1945-01MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 7PH-3-13.5-14MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/17/2022
 Supervised By :Ankita Jodhani 03/17/2022

Integration File: sample.E
 Quant Time: Mar 16 13:22:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 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)	11.394	3263860	22.408 ug/mlm
Spiked Amount 50.000		Recovery =	44.82%
12) S 1-chlorooctadecane (S...	12.825	2689949	23.731 ug/ml
Spiked Amount 50.000		Recovery =	47.46%
Target Compounds			
1) T n-Nonane (C9)	3.266	3895386	32.393 ug/ml
2) T n-Decane (C10)	4.309	4249891	35.714 ug/ml
3) T A~Naphthalene (C11.7)	5.867	4507916	34.734 ug/ml
4) T n-Dodecane (C12)	6.296	4427118	35.988 ug/ml
5) T A~2-methylnaphthalene...	6.910	4427958	33.964 ug/ml
6) T n-Tetradecane (C14)	8.073	4434915	35.392 ug/ml
7) T n-Hexadecane (C16)	9.658	4364377	33.890 ug/ml
8) T n-Octadecane (C18)	11.088	4372528	33.228 ug/ml
10) T n-Eicosane (C20)	12.388	4204086	31.971 ug/ml
11) T n-Heneicosane (C21)	12.994	4130876	31.257 ug/ml
13) T n-Docosane (C22)	13.576	4073451	31.245 ug/ml
14) T n-Tetracosane (C24)	14.671	5165071	39.998 ug/ml
15) T n-Hexacosane (C26)	15.688	3976838	32.149 ug/ml
16) T n-Octacosane (C28)	16.631	4221618	35.466 ug/ml
17) T n-Tricontane (C30)	17.514	3902525	34.670 ug/ml
18) T n-Dotriacontane (C32)	18.340	3936027	36.604 ug/ml
19) T n-Tetratriacontane (C34)	19.119	3900005	40.252 ug/ml
20) T n-Hexatriacontane (C36)	19.855	3930715	43.570 ug/ml
21) T n-Octatriacontane (C38)	20.559	3936147	45.231 ug/ml
22) T n-Tetracontane (C40)	21.381	3998507	47.648 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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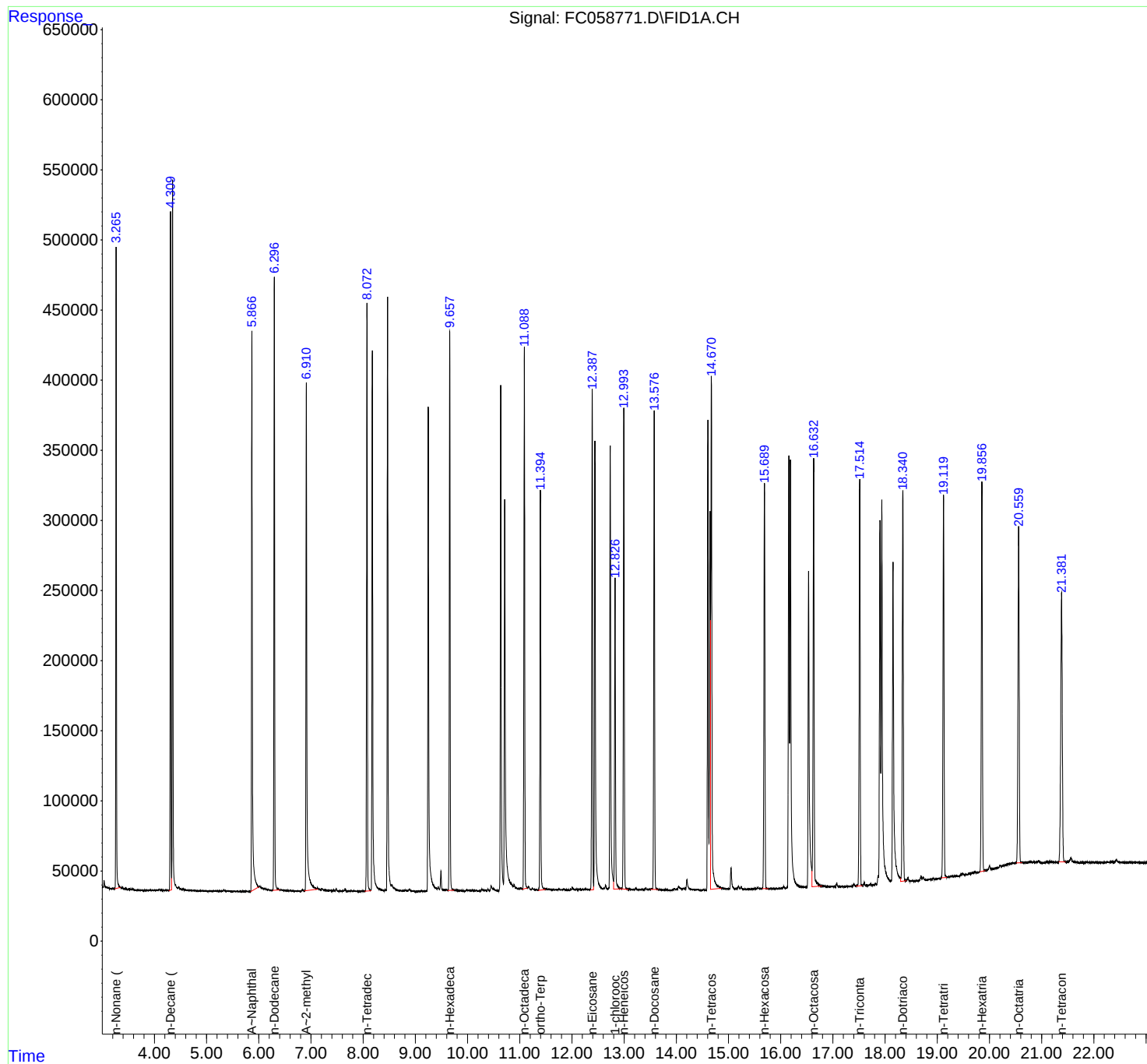
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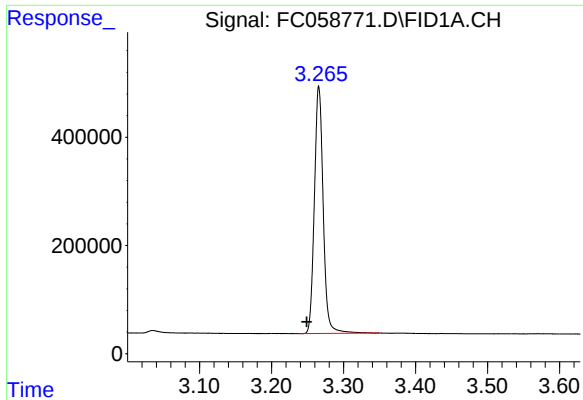
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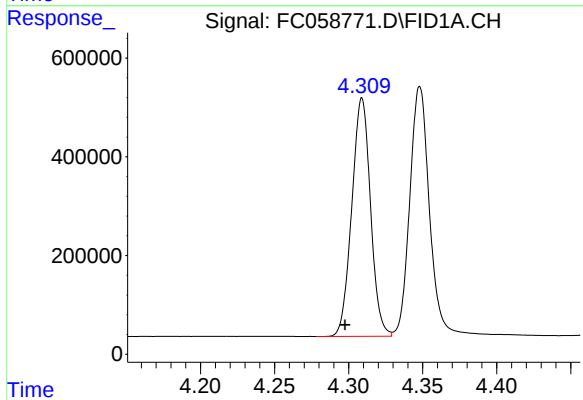
#1 n-Nonane (C9)

R.T.: 3.266 min
Delta R.T.: 0.017 min
Response: 3895386
Conc: 32.39 ug/ml

Instrument :
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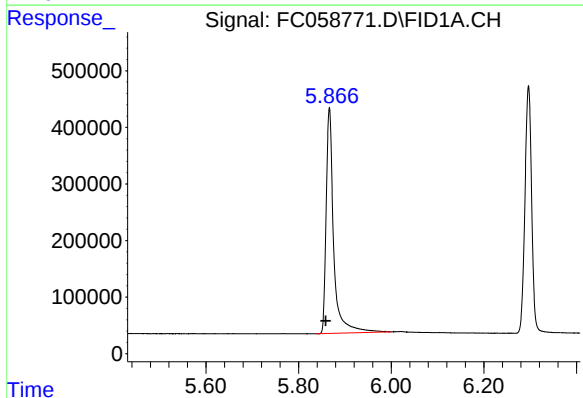
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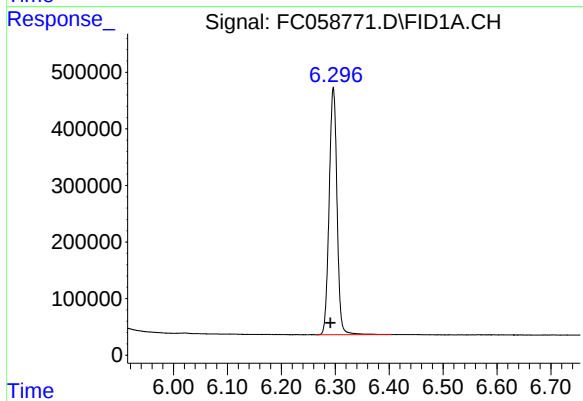
#2 n-Decane (C10)

R.T.: 4.309 min
Delta R.T.: 0.011 min
Response: 4249891
Conc: 35.71 ug/ml



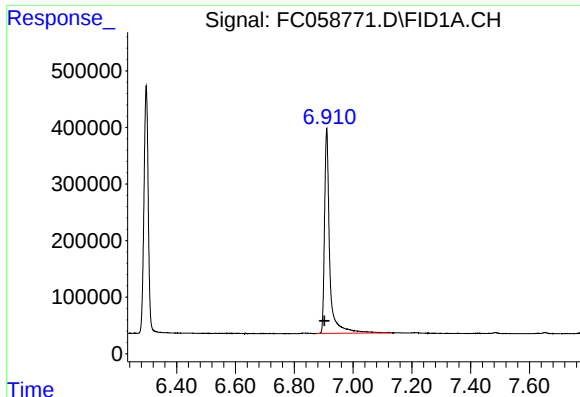
#3 A~Naphthalene (C11.7)

R.T.: 5.867 min
Delta R.T.: 0.008 min
Response: 4507916
Conc: 34.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.296 min
Delta R.T.: 0.005 min
Response: 4427118
Conc: 35.99 ug/ml



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

R.T.: 6.910 min
Delta R.T.: 0.008 min
Response: 4427958
Conc: 33.96 ug/ml

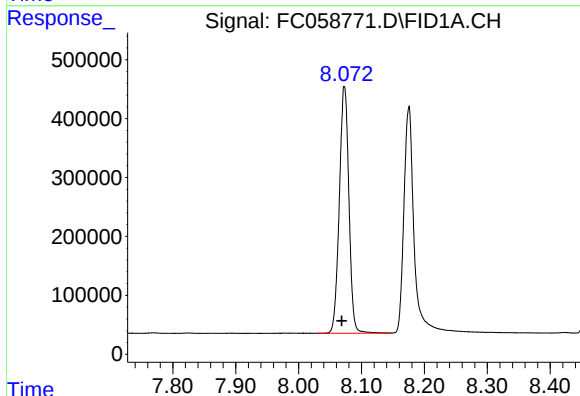
Instrument :

FID_C

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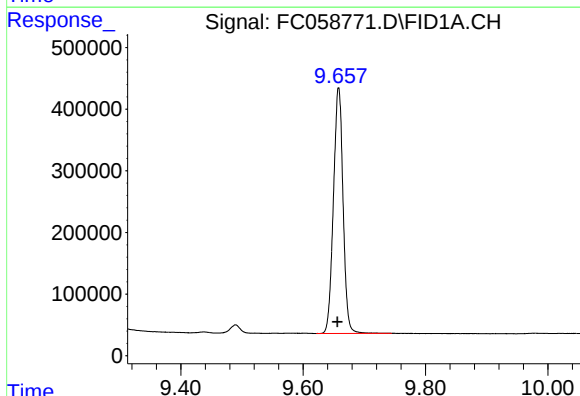
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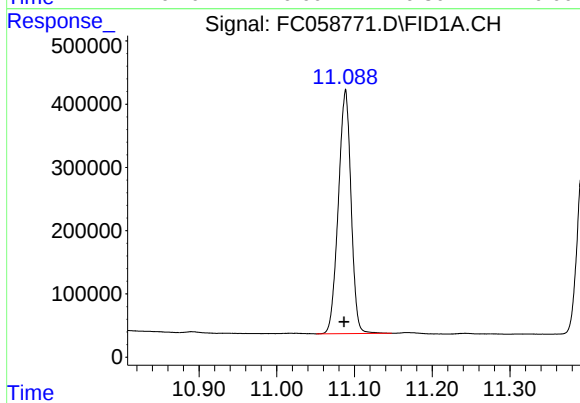
#6 n-Tetradecane (C14)

R.T.: 8.073 min
Delta R.T.: 0.004 min
Response: 4434915
Conc: 35.39 ug/ml



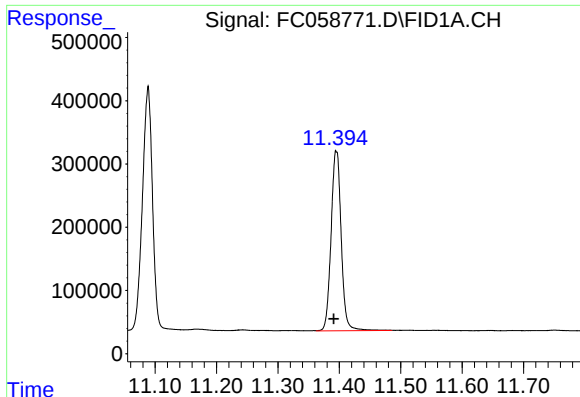
#7 n-Hexadecane (C16)

R.T.: 9.658 min
Delta R.T.: 0.002 min
Response: 4364377
Conc: 33.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.088 min
Delta R.T.: 0.002 min
Response: 4372528
Conc: 33.23 ug/ml



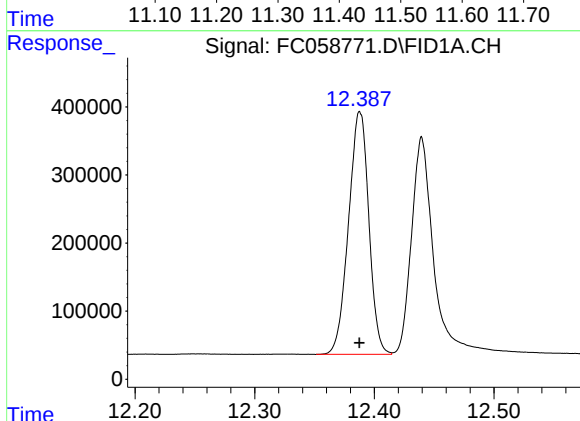
#9 ortho-Terphenyl (SURR)

R.T.: 11.394 min
Delta R.T.: 0.003 min
Response: 3263860
Conc: 22.41 ug/ml

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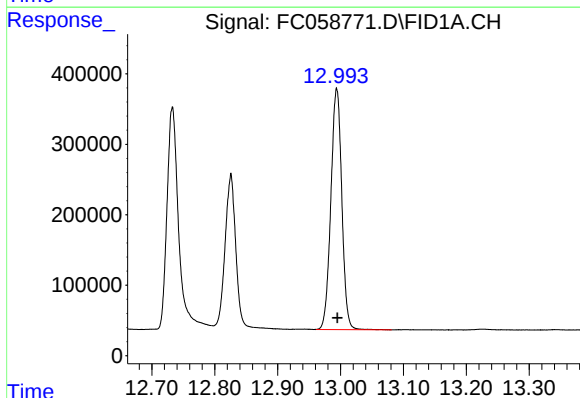
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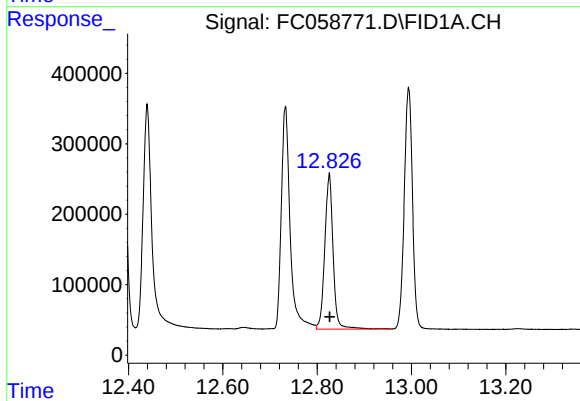
#10 n-Eicosane (C20)

R.T.: 12.388 min
Delta R.T.: 0.000 min
Response: 4204086
Conc: 31.97 ug/ml



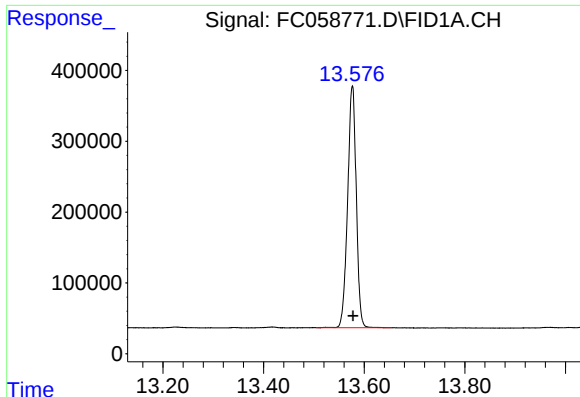
#11 n-Heneicosane (C21)

R.T.: 12.994 min
Delta R.T.: -0.001 min
Response: 4130876
Conc: 31.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.825 min
Delta R.T.: -0.002 min
Response: 2689949
Conc: 23.73 ug/ml



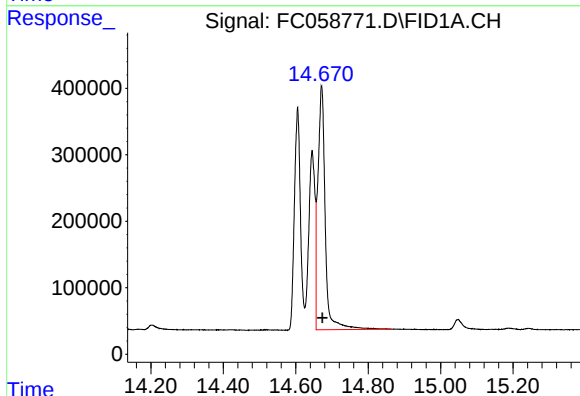
#13 n-Docosane (C22)

R.T.: 13.576 min
Delta R.T.: -0.002 min
Response: 4073451
Conc: 31.25 ug/ml

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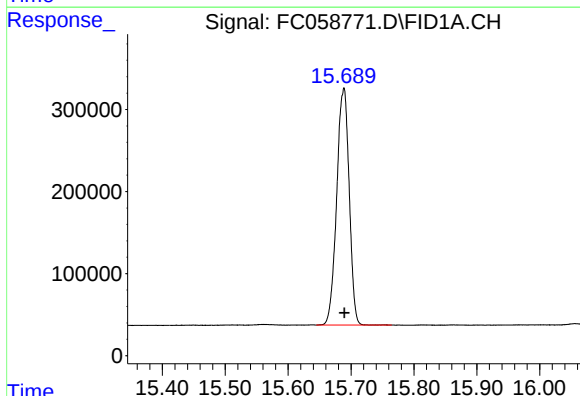
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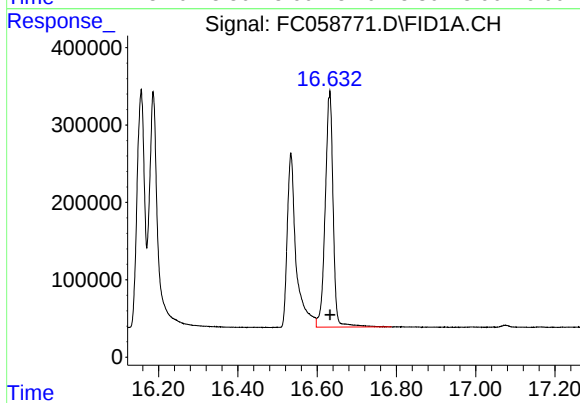
#14 n-Tetracosane (C24)

R.T.: 14.671 min
Delta R.T.: -0.002 min
Response: 5165071
Conc: 40.00 ug/ml



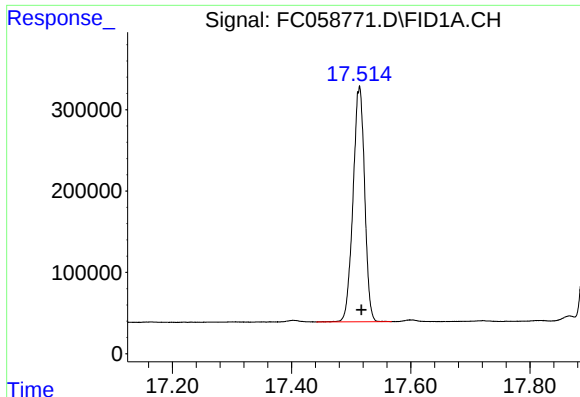
#15 n-Hexacosane (C26)

R.T.: 15.688 min
Delta R.T.: -0.001 min
Response: 3976838
Conc: 32.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.631 min
Delta R.T.: -0.002 min
Response: 4221618
Conc: 35.47 ug/ml



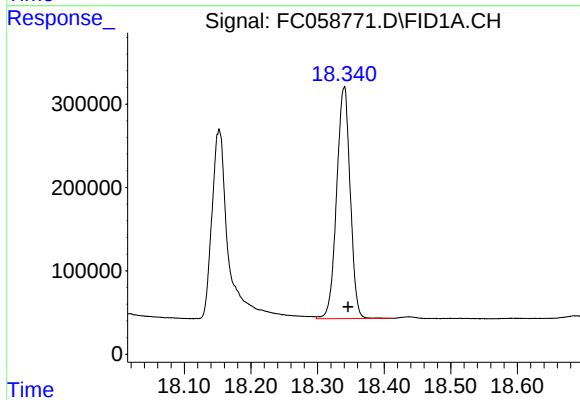
#17 n-Tricontane (C30)

R.T.: 17.514 min
Delta R.T.: -0.003 min
Response: 3902525
Conc: 34.67 ug/ml

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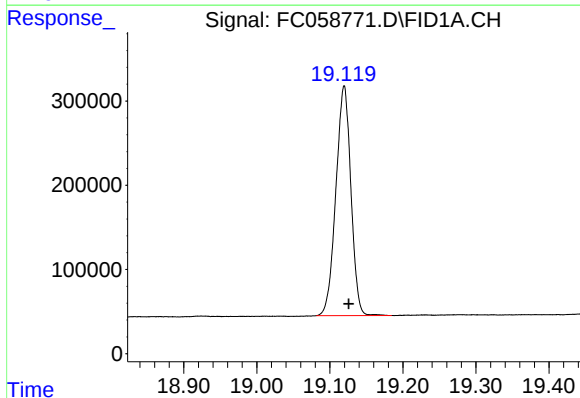
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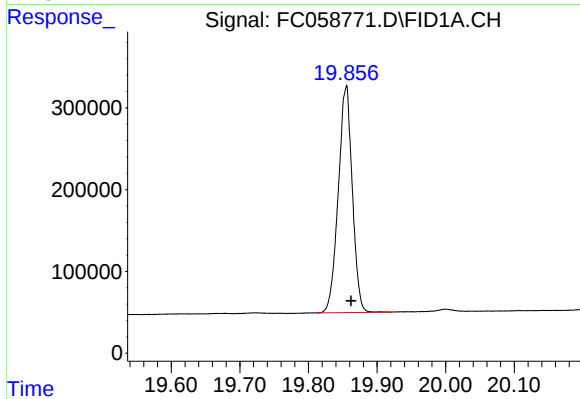
#18 n-Dotriacontane (C32)

R.T.: 18.340 min
Delta R.T.: -0.006 min
Response: 3936027
Conc: 36.60 ug/ml



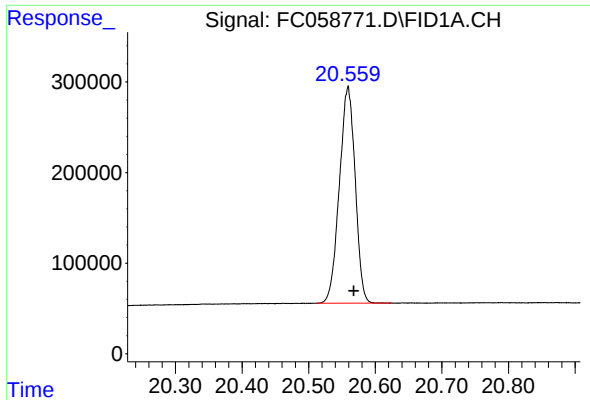
#19 n-Tetratriacontane (C34)

R.T.: 19.119 min
Delta R.T.: -0.006 min
Response: 3900005
Conc: 40.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.855 min
Delta R.T.: -0.008 min
Response: 3930715
Conc: 43.57 ug/ml



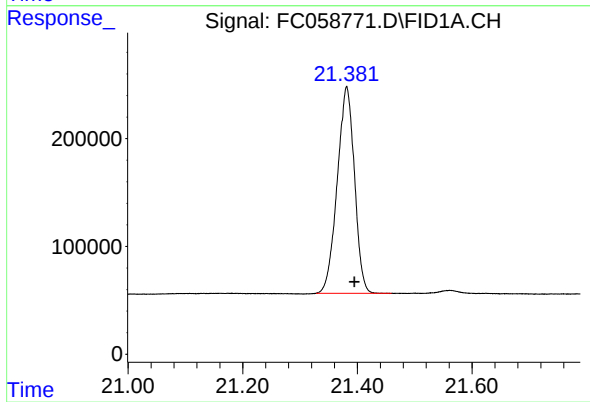
#21 n-Octatriacontane (C38)

R.T.: 20.559 min
Delta R.T.: -0.009 min
Response: 3936147
Conc: 45.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.381 min
Delta R.T.: -0.013 min
Response: 3998507
Conc: 47.65 ug/ml