

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121621AL\
 Data File : FC057547.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 1:11
 Operator : AJ\MA
 Sample : M5044-16MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

DA-16-4.5MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/17/2021

Supervised By :Ankita Jodhani 12/17/2021

Integration File: sample.E

Quant Time: Dec 17 01:35:03 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)	10.819	4157572	29.877 ug/ml
Spiked Amount 50.000		Recovery =	59.75%
12) S 1-chlorooctadecane (S...	12.257	3267389	29.505 ug/mlm
Spiked Amount 50.000		Recovery =	59.01%
Target Compounds			
1) T n-Nonane (C9)	2.688	3405820	27.567 ug/ml
2) T n-Decane (C10)	3.692	3887330	31.210 ug/ml
3) T A~Naphthalene (C11.7)	5.246	4732455	34.112 ug/ml
4) T n-Dodecane (C12)	5.676	4144109	33.557 ug/ml
5) T A~2-methylnaphthalene...	6.294	4708770	33.672 ug/mlm
6) T n-Tetradecane (C14)	7.467	4487627	36.241 ug/ml
7) T n-Hexadecane (C16)	9.065	4721497	37.655 ug/ml
8) T n-Octadecane (C18)	10.507	4947835	38.225 ug/ml
10) T n-Eicosane (C20)	11.815	4888975	37.633 ug/ml
11) T n-Heneicosane (C21)	12.427	4798200	36.560 ug/ml
13) T n-Docosane (C22)	13.012	4728416	35.974 ug/ml
14) T n-Tetracosane (C24)	14.115	4540689	34.140 ug/mlm
15) T n-Hexacosane (C26)	15.137	4410530	33.635 ug/ml
16) T n-Octacosane (C28)	16.082	4323620	32.878 ug/mlm
17) T n-Tricontane (C30)	16.974	4155247	30.404 ug/mlm
18) T n-Dotriacontane (C32)	17.803	3987851	29.743 ug/mlm
19) T n-Tetratriacontane (C34)	18.586	3618914	27.753 ug/mlm
20) T n-Hexatriacontane (C36)	19.325	3177974	26.764 ug/mlm
21) T n-Octatriacontane (C38)	20.047	2985616	27.184 ug/mlm
22) T n-Tetracontane (C40)	20.934	3067686	30.725 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 27 Sample Multiplier: 1

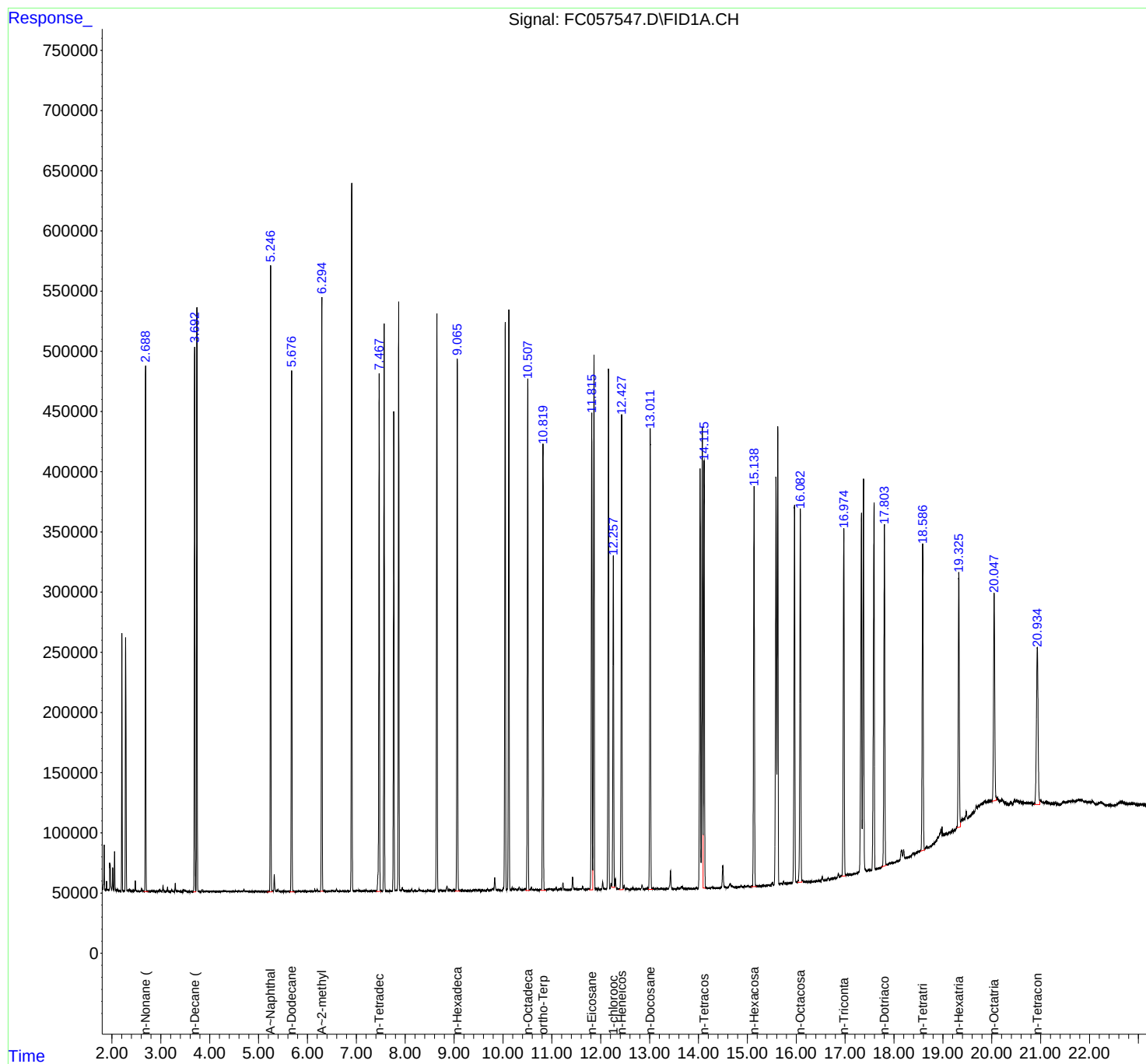
Instrument :
FID_C
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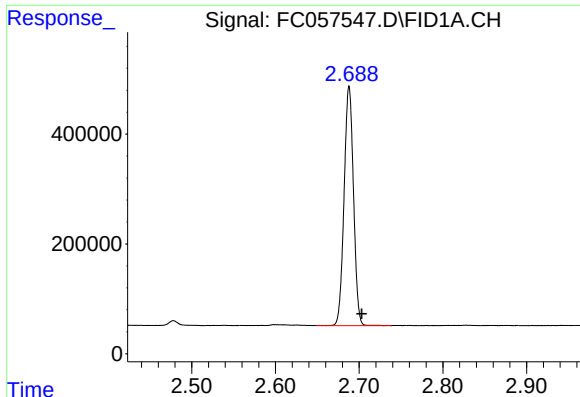
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.688 min
Delta R.T.: -0.015 min
Response: 3405820
Conc: 27.57 ug/ml

Instrument :

FID_C

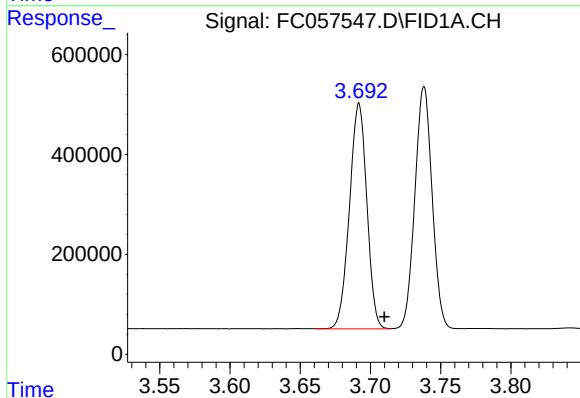
ClientSampleId :

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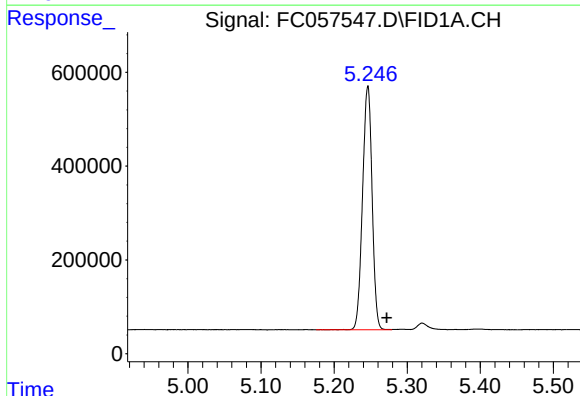
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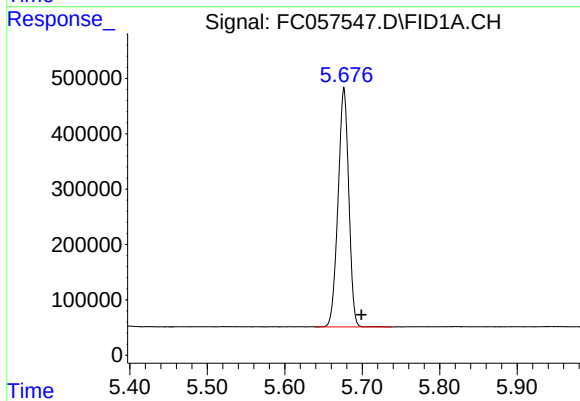
#2 n-Decane (C10)

R.T.: 3.692 min
Delta R.T.: -0.018 min
Response: 3887330
Conc: 31.21 ug/ml



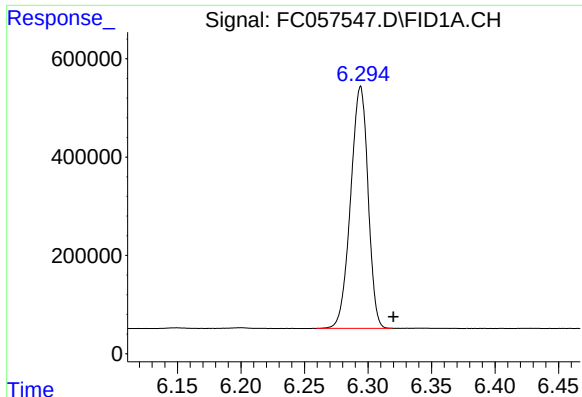
#3 A~Naphthalene (C11.7)

R.T.: 5.246 min
Delta R.T.: -0.026 min
Response: 4732455
Conc: 34.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.676 min
Delta R.T.: -0.023 min
Response: 4144109
Conc: 33.56 ug/ml



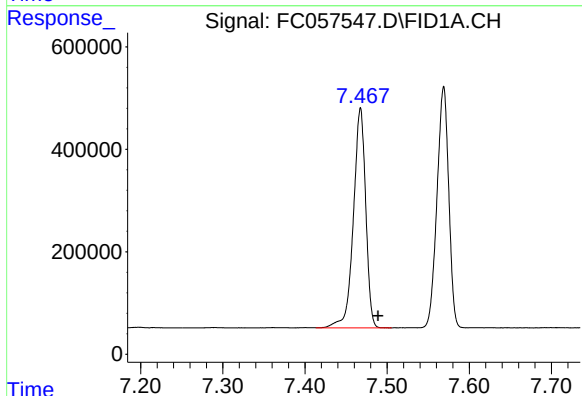
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.294 min
Delta R.T.: -0.026 min
Response: 4708770
Conc: 33.67 ug/ml

Instrument :
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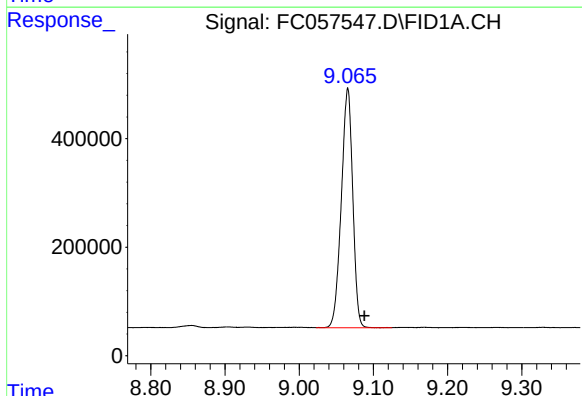
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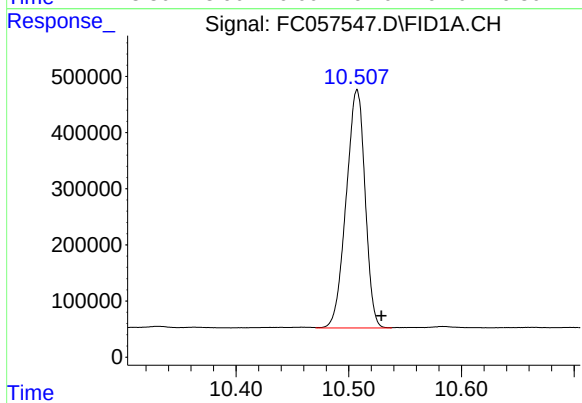
#6 n-Tetradecane (C14)

R.T.: 7.467 min
Delta R.T.: -0.022 min
Response: 4487627
Conc: 36.24 ug/ml



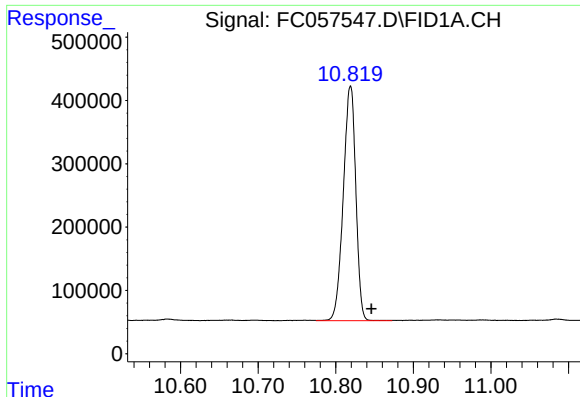
#7 n-Hexadecane (C16)

R.T.: 9.065 min
Delta R.T.: -0.023 min
Response: 4721497
Conc: 37.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.507 min
Delta R.T.: -0.022 min
Response: 4947835
Conc: 38.23 ug/ml



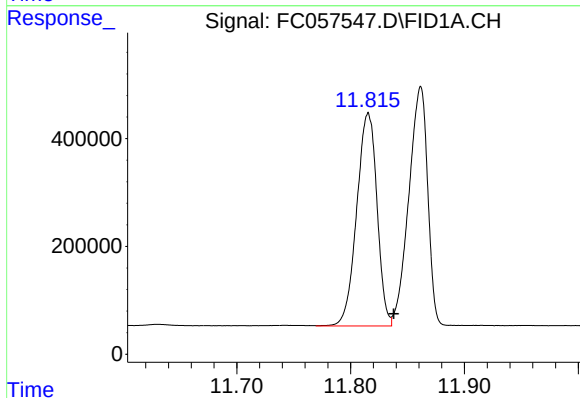
#9 ortho-Terphenyl (SURR)

R.T.: 10.819 min
Delta R.T.: -0.027 min
Response: 4157572
Conc: 29.88 ug/ml

Instrument :
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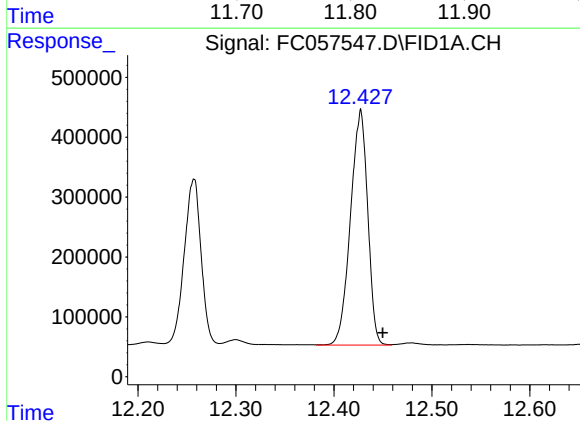
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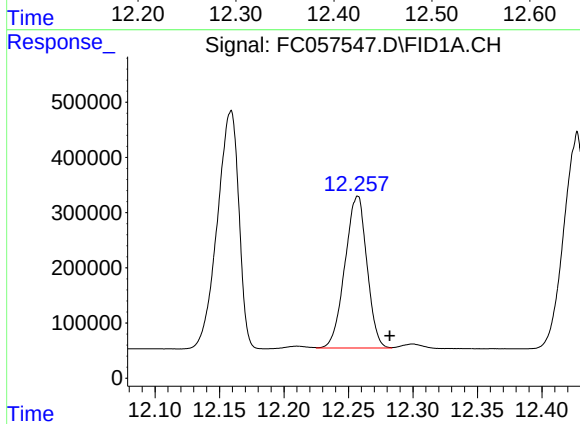
#10 n-Eicosane (C20)

R.T.: 11.815 min
Delta R.T.: -0.023 min
Response: 4888975
Conc: 37.63 ug/ml



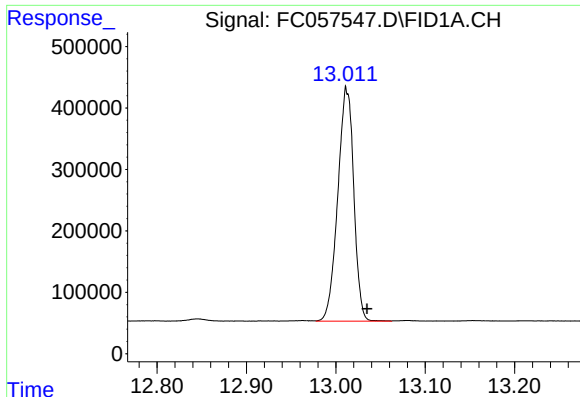
#11 n-Heneicosane (C21)

R.T.: 12.427 min
Delta R.T.: -0.023 min
Response: 4798200
Conc: 36.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.257 min
Delta R.T.: -0.025 min
Response: 3267389
Conc: 29.51 ug/ml m



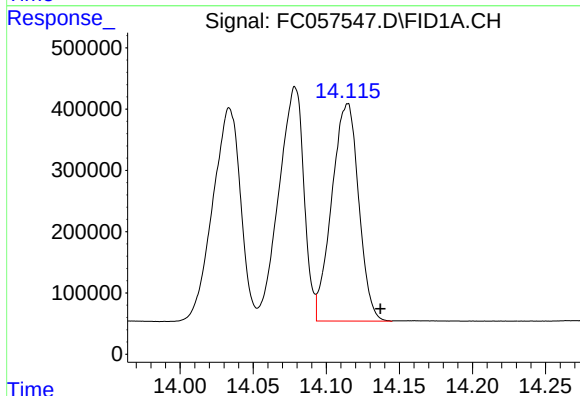
#13 n-Docosane (C22)

R.T.: 13.012 min
Delta R.T.: -0.023 min
Response: 4728416
Conc: 35.97 ug/ml

Instrument :
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ClientSampleId :
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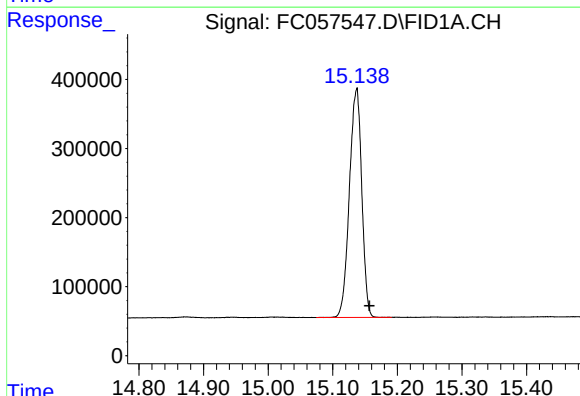
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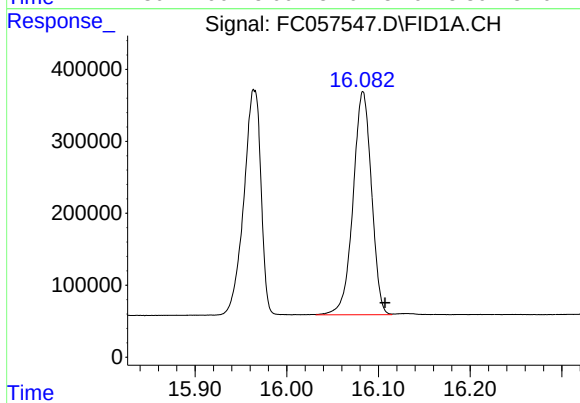
#14 n-Tetracosane (C24)

R.T.: 14.115 min
Delta R.T.: -0.022 min
Response: 4540689
Conc: 34.14 ug/ml m



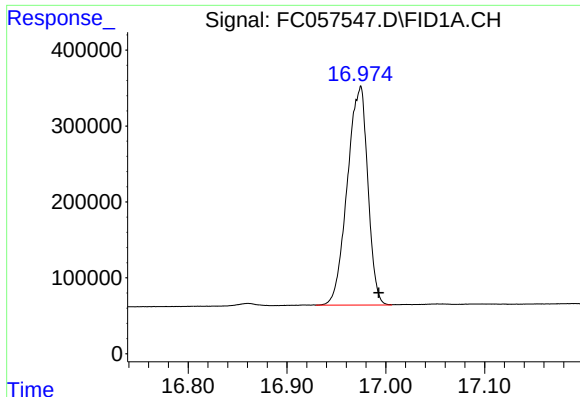
#15 n-Hexacosane (C26)

R.T.: 15.137 min
Delta R.T.: -0.020 min
Response: 4410530
Conc: 33.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.082 min
Delta R.T.: -0.025 min
Response: 4323620
Conc: 32.88 ug/ml m



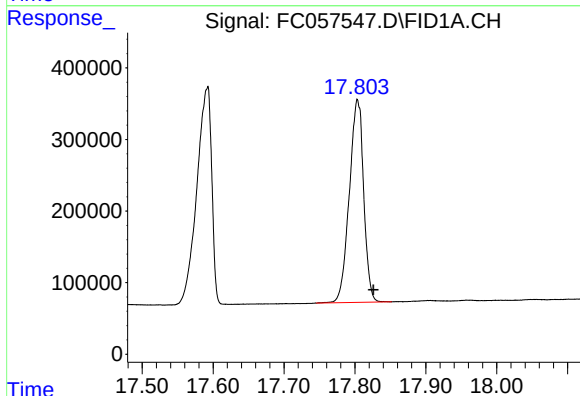
#17 n-Tricontane (C30)

R.T.: 16.974 min
Delta R.T.: -0.019 min
Response: 4155247
Conc: 30.40 ug/ml

Instrument :
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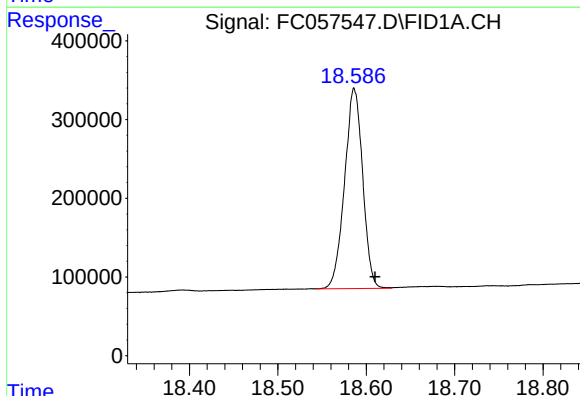
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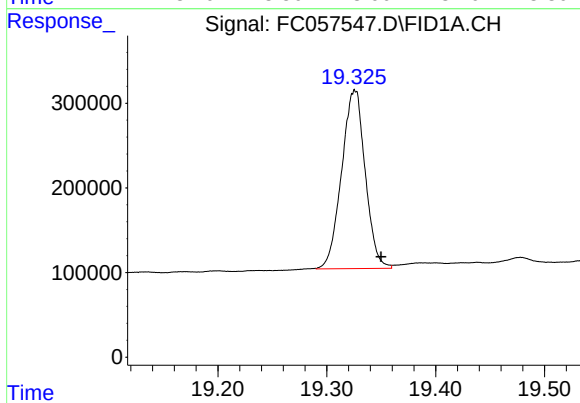
#18 n-Dotriacontane (C32)

R.T.: 17.803 min
Delta R.T.: -0.023 min
Response: 3987851
Conc: 29.74 ug/ml m



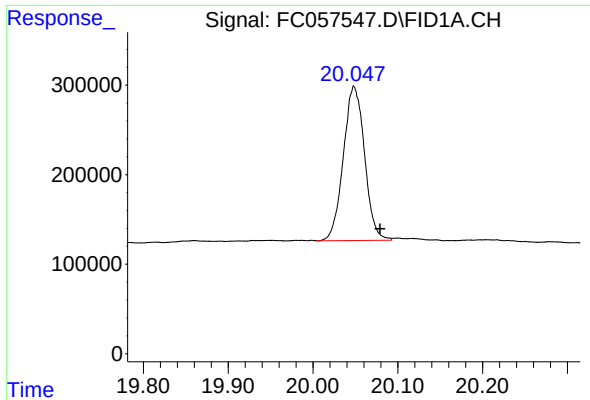
#19 n-Tetratriacontane (C34)

R.T.: 18.586 min
Delta R.T.: -0.024 min
Response: 3618914
Conc: 27.75 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.325 min
Delta R.T.: -0.025 min
Response: 3177974
Conc: 26.76 ug/ml m



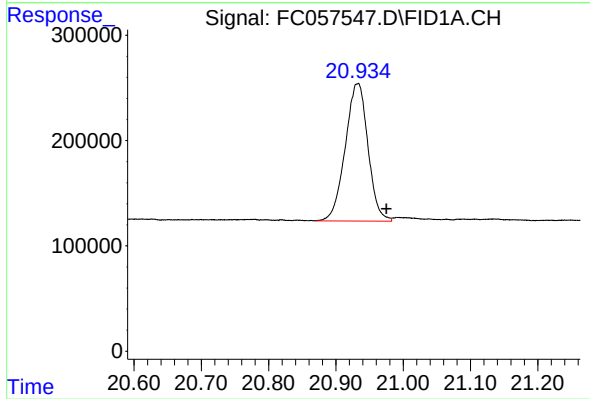
#21 n-Octatriacontane (C38)

R.T.: 20.047 min
Delta R.T.: -0.032 min
Response: 2985616
Conc: 27.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.934 min
Delta R.T.: -0.041 min
Response: 3067686
Conc: 30.73 ug/ml m