

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051722AL\
 Data File : FC059812.D
 Signal(s) : FID1A.CH
 Acq On : 17 May 2022 20:18
 Operator : UA/NP
 Sample : N2859-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PE-E3MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/18/2022

Supervised By :mohammad ahmed 05/18/2022

Integration File: autoint1.e

Quant Time: May 18 00:04:43 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)	10.651	3547215	24.156 ug/ml
Spiked Amount 50.000		Recovery =	48.31%
12) S 1-chlorooctadecane (S...	12.021	2761386	23.995 ug/ml
Spiked Amount 50.000		Recovery =	47.99%
Target Compounds			
1) T n-Nonane (C9)	2.634	5384327	42.163 ug/ml
2) T n-Decane (C10)	3.629	6461686	51.021 ug/mlm
3) T A~Naphthalene (C11.7)	5.163	7897233	53.633 ug/ml
4) T n-Dodecane (C12)	5.582	7298763	55.500 ug/ml
5) T A~2-methylnaphthalene...	6.188	8102115	53.900 ug/ml
6) T n-Tetradecane (C14)	7.337	7683459	57.101 ug/ml
7) T n-Hexadecane (C16)	8.900	7864143	57.313 ug/ml
8) T n-Octadecane (C18)	10.310	8094679	58.739 ug/ml
10) T n-Eicosane (C20)	11.591	7576207	56.330 ug/ml
11) T n-Heneicosane (C21)	12.188	7417071	55.599 ug/ml
13) T n-Docosane (C22)	12.761	7241470	55.177 ug/ml
14) T n-Tetracosane (C24)	13.835	13560639	107.777 ug/ml
15) T n-Hexacosane (C26)	14.841	6666807	55.822 ug/ml
16) T n-Octacosane (C28)	15.765	6476332	56.887 ug/ml
17) T n-Tricontane (C30)	16.637	6179614	56.217 ug/ml
18) T n-Dotriacontane (C32)	17.447	6144921	59.439 ug/mlm
19) T n-Tetratriacontane (C34)	18.212	5598158	57.340 ug/mlm
20) T n-Hexatriacontane (C36)	18.932	5305380	57.149 ug/mlm
21) T n-Octatriacontane (C38)	19.617	5100508	53.580 ug/mlm
22) T n-Tetracontane (C40)	20.265	4948205	52.271 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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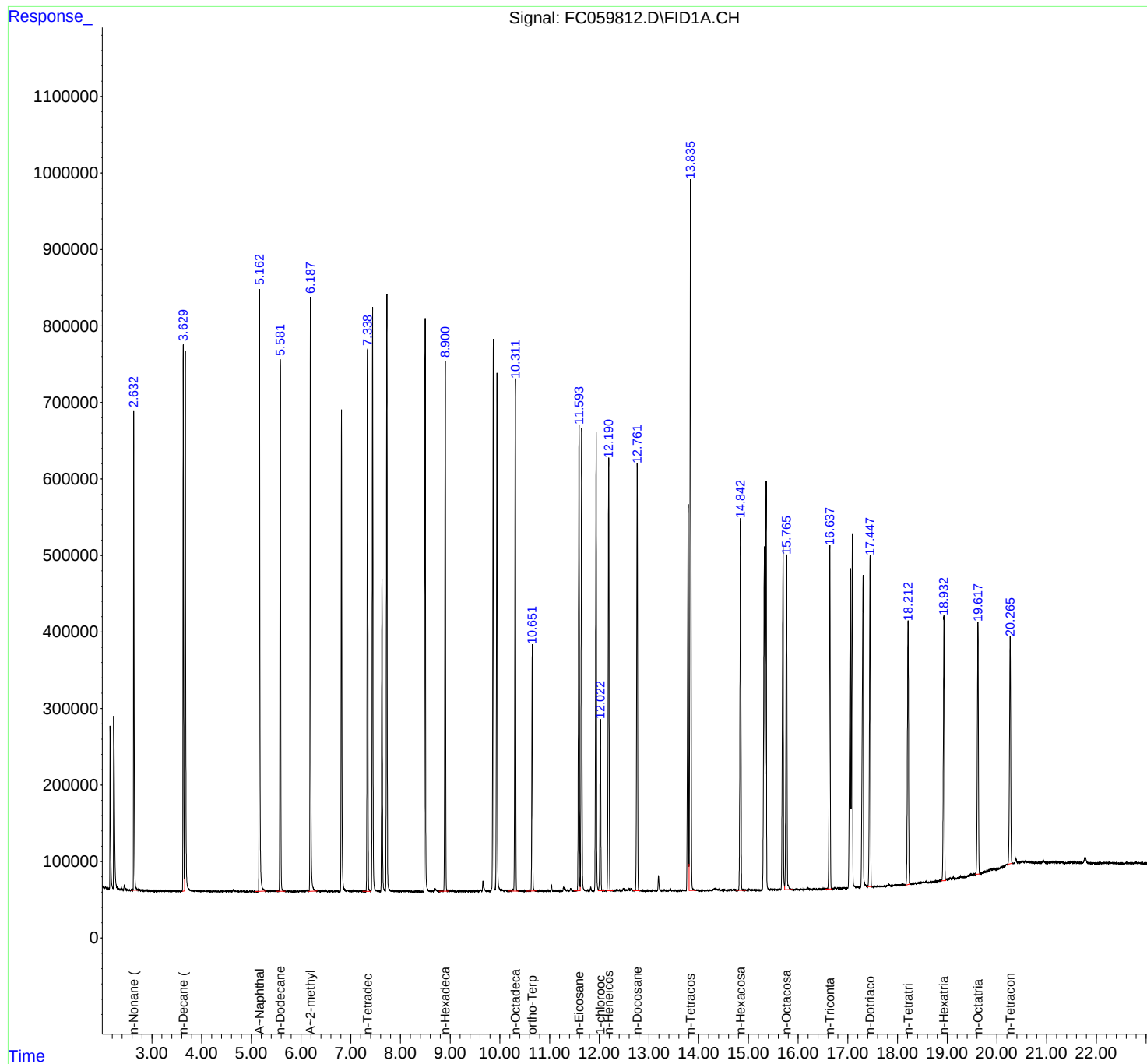
Instrument :
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PE-E3MS

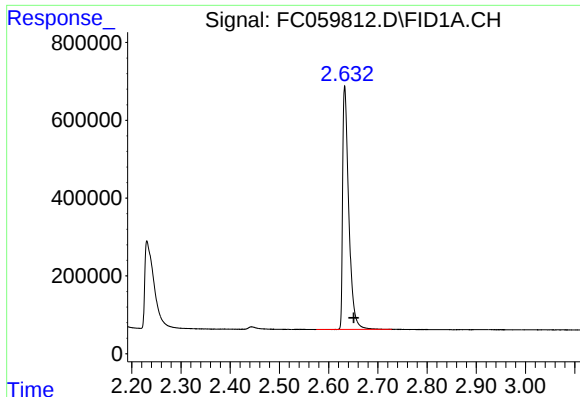
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.634 min
Delta R.T.: -0.017 min
Response: 5384327
Conc: 42.16 ug/ml

Instrument :

FID_C

ClientSampleId :

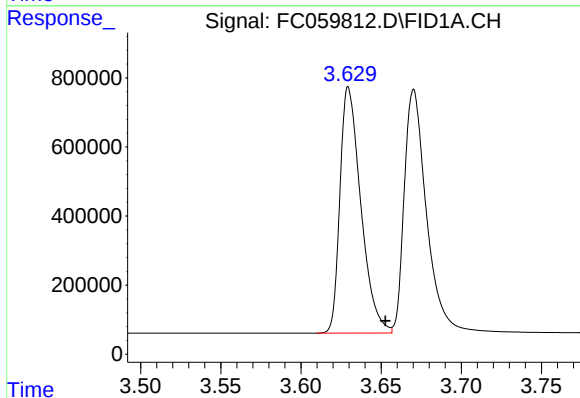
PE-E3MS

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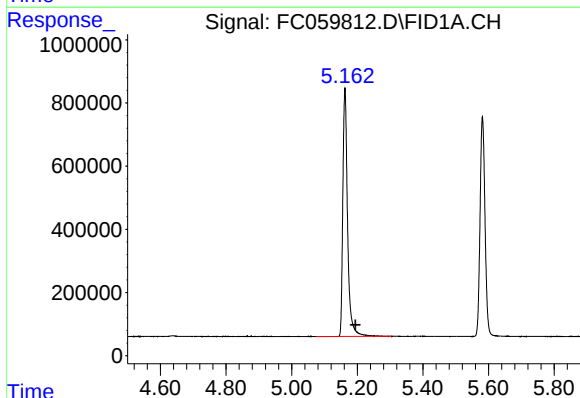
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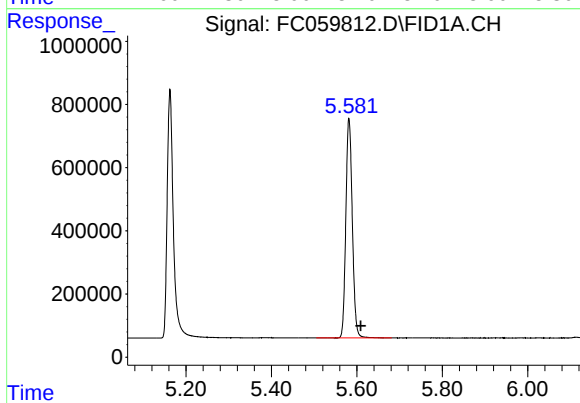
#2 n-Decane (C10)

R.T.: 3.629 min
Delta R.T.: -0.024 min
Response: 6461686
Conc: 51.02 ug/ml m



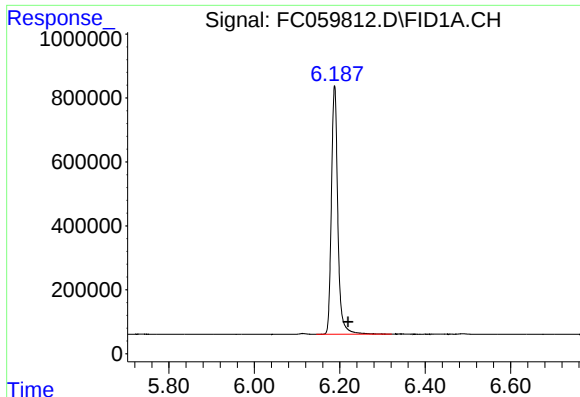
#3 A~Naphthalene (C11.7)

R.T.: 5.163 min
Delta R.T.: -0.032 min
Response: 7897233
Conc: 53.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.582 min
Delta R.T.: -0.027 min
Response: 7298763
Conc: 55.50 ug/ml



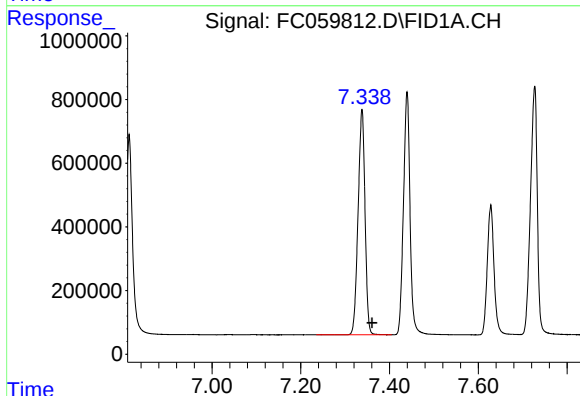
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.188 min
Delta R.T.: -0.031 min
Response: 8102115
Conc: 53.90 ug/ml

Instrument :
FID_C
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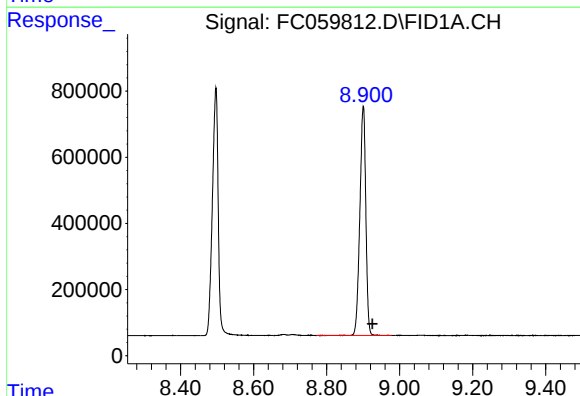
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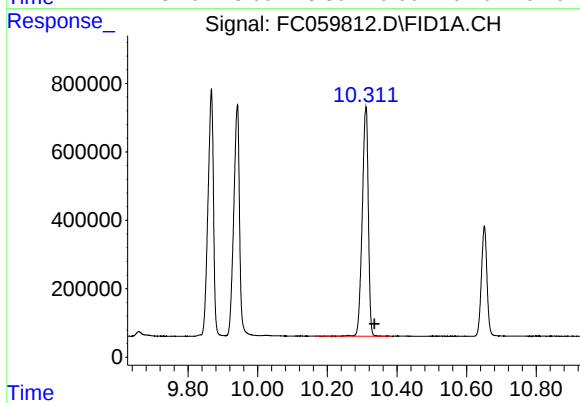
#6 n-Tetradecane (C14)

R.T.: 7.337 min
Delta R.T.: -0.024 min
Response: 7683459
Conc: 57.10 ug/ml



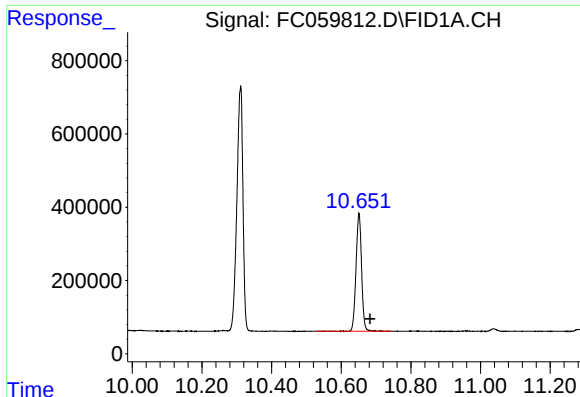
#7 n-Hexadecane (C16)

R.T.: 8.900 min
Delta R.T.: -0.026 min
Response: 7864143
Conc: 57.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.310 min
Delta R.T.: -0.026 min
Response: 8094679
Conc: 58.74 ug/ml



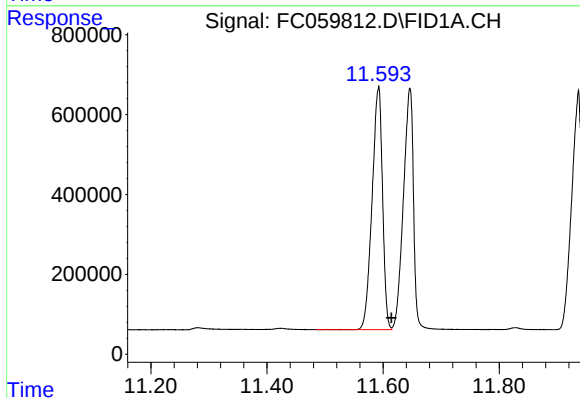
#9 ortho-Terphenyl (SURR)

R.T.: 10.651 min
Delta R.T.: -0.033 min
Response: 3547215
Conc: 24.16 ug/ml

Instrument :
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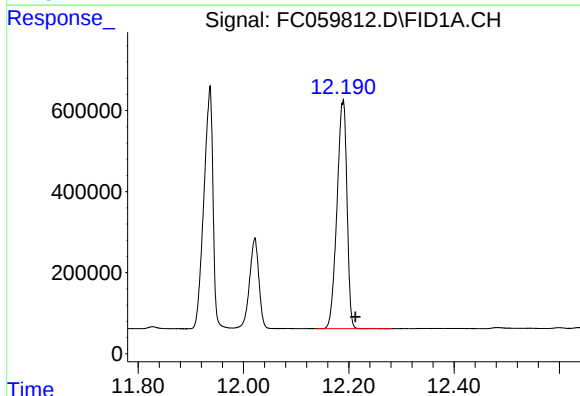
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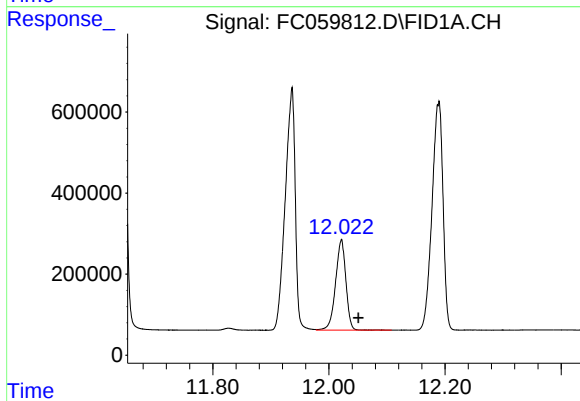
#10 n-Eicosane (C20)

R.T.: 11.591 min
Delta R.T.: -0.024 min
Response: 7576207
Conc: 56.33 ug/ml



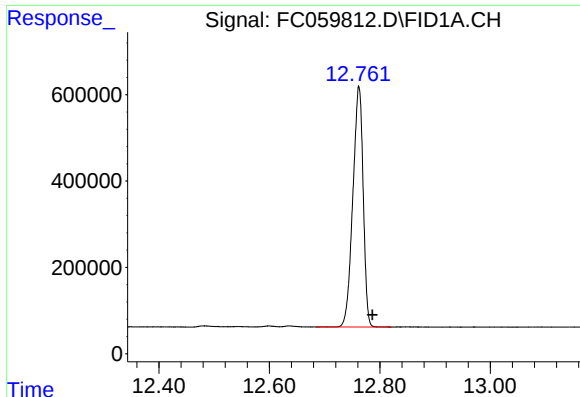
#11 n-Heneicosane (C21)

R.T.: 12.188 min
Delta R.T.: -0.025 min
Response: 7417071
Conc: 55.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.021 min
Delta R.T.: -0.030 min
Response: 2761386
Conc: 24.00 ug/ml



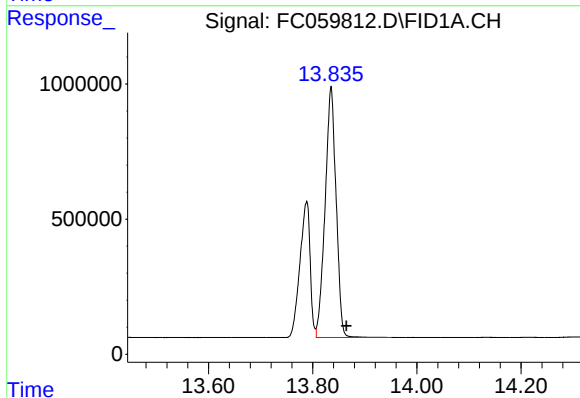
#13 n-Docosane (C22)

R.T.: 12.761 min
Delta R.T.: -0.025 min
Response: 7241470
Conc: 55.18 ug/ml

Instrument :
FID_C
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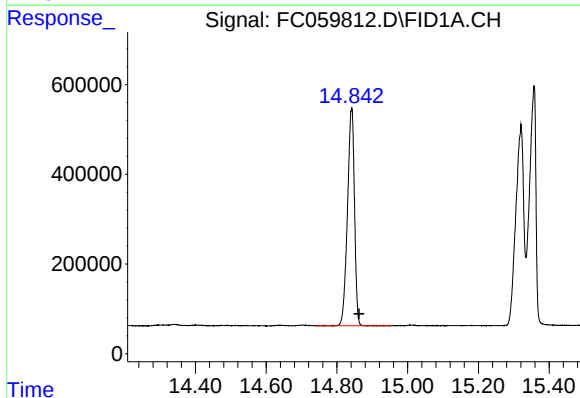
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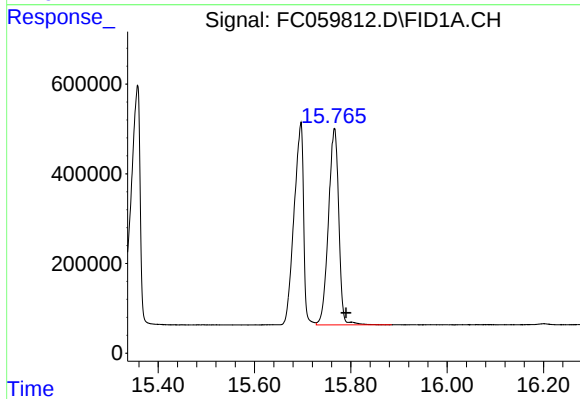
#14 n-Tetracosane (C24)

R.T.: 13.835 min
Delta R.T.: -0.030 min
Response: 13560639
Conc: 107.78 ug/ml



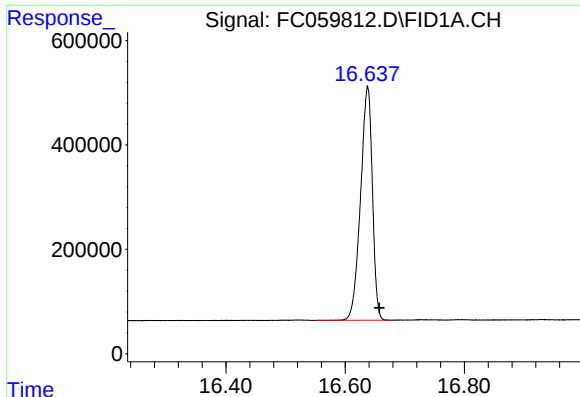
#15 n-Hexacosane (C26)

R.T.: 14.841 min
Delta R.T.: -0.022 min
Response: 6666807
Conc: 55.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.765 min
Delta R.T.: -0.025 min
Response: 6476332
Conc: 56.89 ug/ml



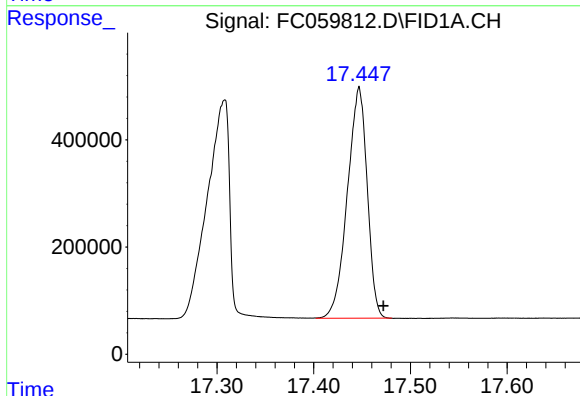
#17 n-Tricontane (C30)

R.T.: 16.637 min
Delta R.T.: -0.020 min
Response: 6179614
Conc: 56.22 ug/ml

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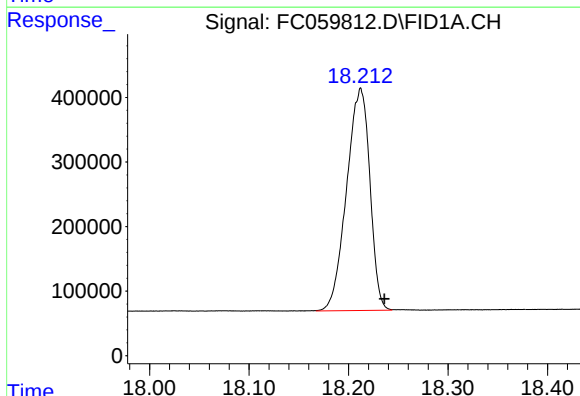
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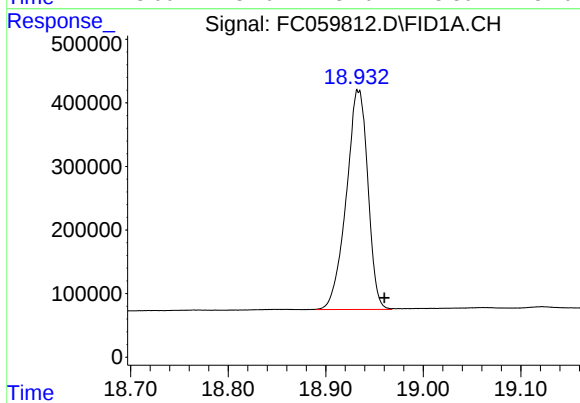
#18 n-Dotriacontane (C32)

R.T.: 17.447 min
Delta R.T.: -0.025 min
Response: 6144921
Conc: 59.44 ug/ml m



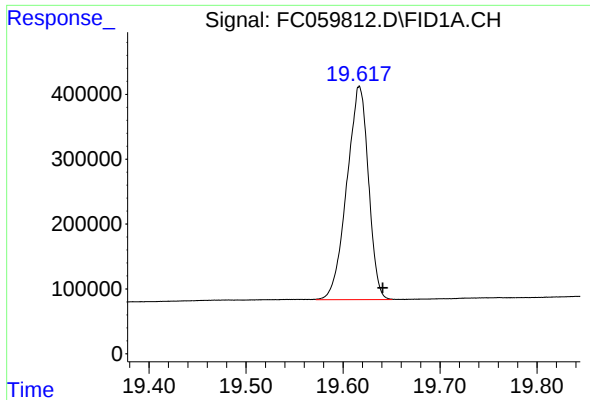
#19 n-Tetratriacontane (C34)

R.T.: 18.212 min
Delta R.T.: -0.024 min
Response: 5598158
Conc: 57.34 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.932 min
Delta R.T.: -0.028 min
Response: 5305380
Conc: 57.15 ug/ml m



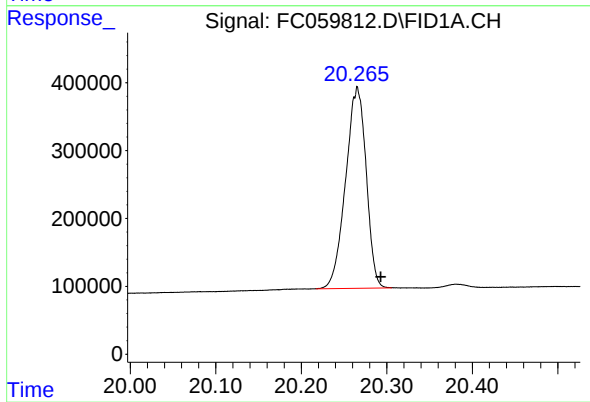
#21 n-Octatriacontane (C38)

R.T.: 19.617 min
Delta R.T.: -0.024 min
Response: 5100508
Conc: 53.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.265 min
Delta R.T.: -0.028 min
Response: 4948205
Conc: 52.27 ug/ml m