

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121621AL\
 Data File : FC057548.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 1:44
 Operator : AJ\MA
 Sample : M5044-16MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 DA-16-4.5MSD

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 05:22:47 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)	10.818	4139192	29.745 ug/ml
Spiked Amount 50.000		Recovery =	59.49%
12) S 1-chlorooctadecane (S...	12.257	3261656	29.453 ug/mlm
Spiked Amount 50.000		Recovery =	58.91%
Target Compounds			
1) T n-Nonane (C9)	2.688	3401142	27.529 ug/ml
2) T n-Decane (C10)	3.691	3886488	31.203 ug/ml
3) T A~Naphthalene (C11.7)	5.245	4695860	33.848 ug/mlm
4) T n-Dodecane (C12)	5.676	4140848	33.531 ug/ml
5) T A~2-methylnaphthalene...	6.294	4699320	33.604 ug/mlm
6) T n-Tetradecane (C14)	7.468	4455104	35.978 ug/mlm
7) T n-Hexadecane (C16)	9.065	4706246	37.534 ug/ml
8) T n-Octadecane (C18)	10.507	4940187	38.166 ug/ml
10) T n-Eicosane (C20)	11.815	4859022	37.403 ug/mlm
11) T n-Heneicosane (C21)	12.425	4776087	36.391 ug/ml
13) T n-Docosane (C22)	13.011	4715162	35.874 ug/ml
14) T n-Tetracosane (C24)	14.114	4525044	34.022 ug/mlm
15) T n-Hexacosane (C26)	15.136	4393198	33.503 ug/ml
16) T n-Octacosane (C28)	16.082	4291550	32.634 ug/mlm
17) T n-Tricontane (C30)	16.972	4120254	30.148 ug/mlm
18) T n-Dotriacontane (C32)	17.802	3953913	29.489 ug/mlm
19) T n-Tetratriacontane (C34)	18.585	3573520	27.405 ug/mlm
20) T n-Hexatriacontane (C36)	19.324	3093292	26.051 ug/mlm
21) T n-Octatriacontane (C38)	20.049	2947093	26.833 ug/mlm
22) T n-Tetracontane (C40)	20.932	2983147	29.878 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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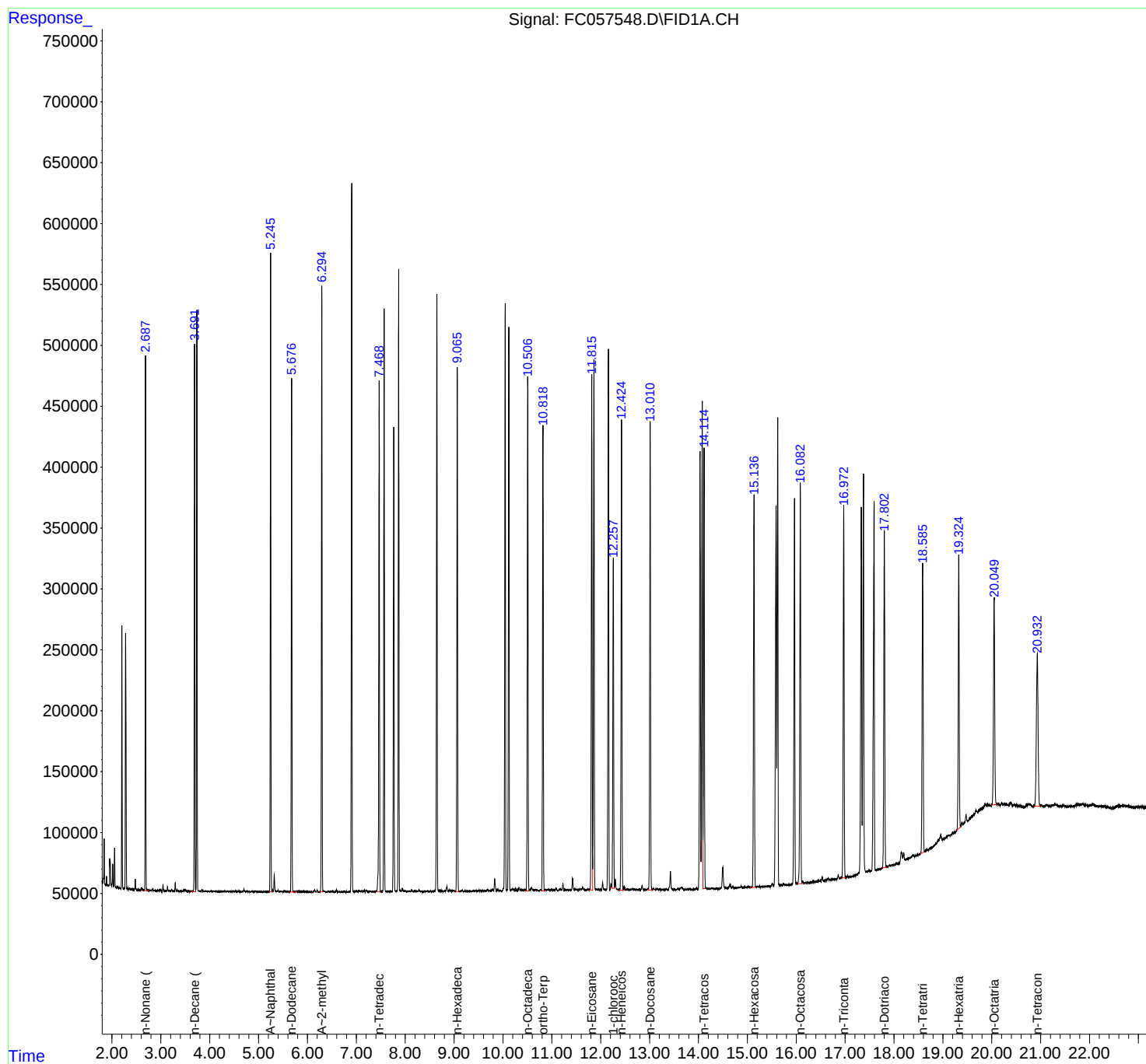
Instrument :
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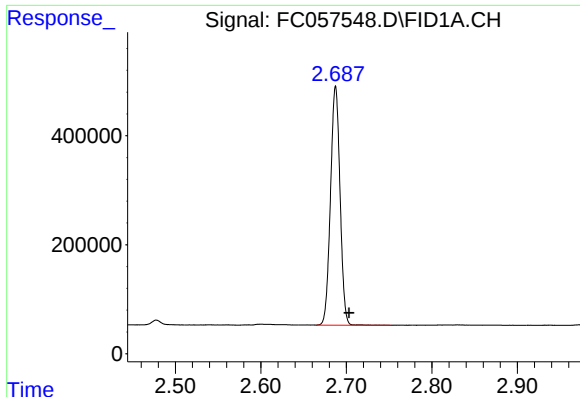
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.688 min
Delta R.T.: -0.015 min
Response: 3401142
Conc: 27.53 ug/ml

Instrument :

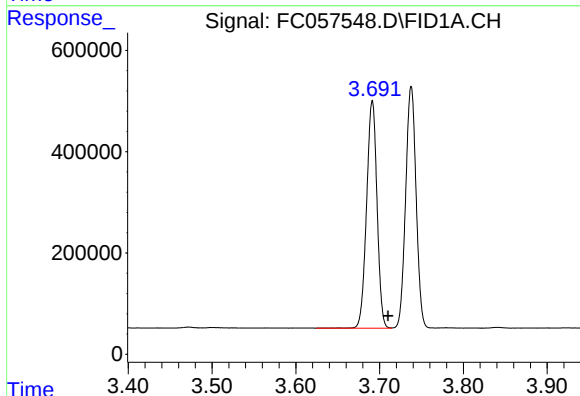
FID_C

ClientSampleId :

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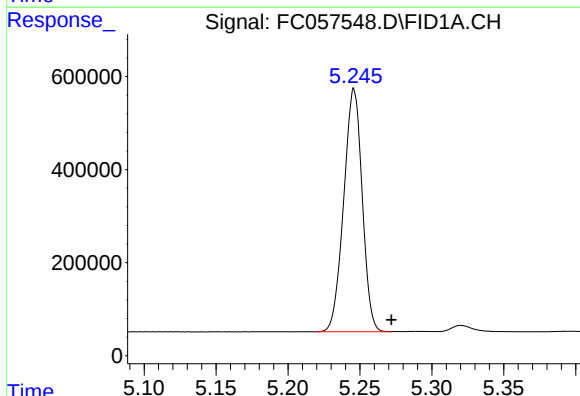
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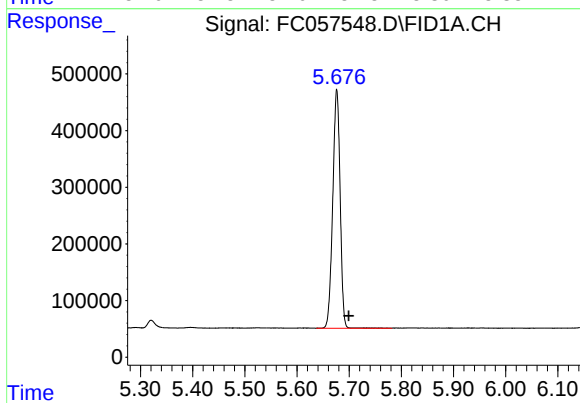
#2 n-Decane (C10)

R.T.: 3.691 min
Delta R.T.: -0.019 min
Response: 3886488
Conc: 31.20 ug/ml



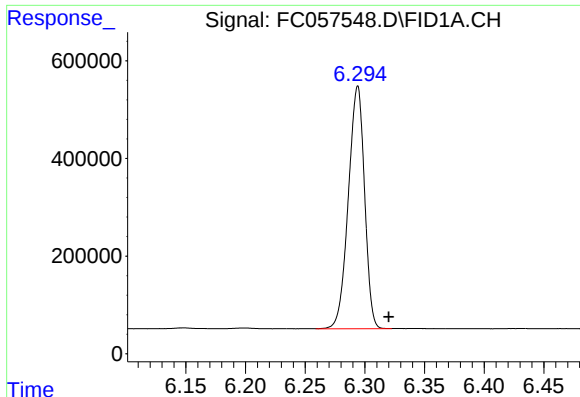
#3 A~Naphthalene (C11.7)

R.T.: 5.245 min
Delta R.T.: -0.027 min
Response: 4695860
Conc: 33.85 ug/ml m



#4 n-Dodecane (C12)

R.T.: 5.676 min
Delta R.T.: -0.023 min
Response: 4140848
Conc: 33.53 ug/ml



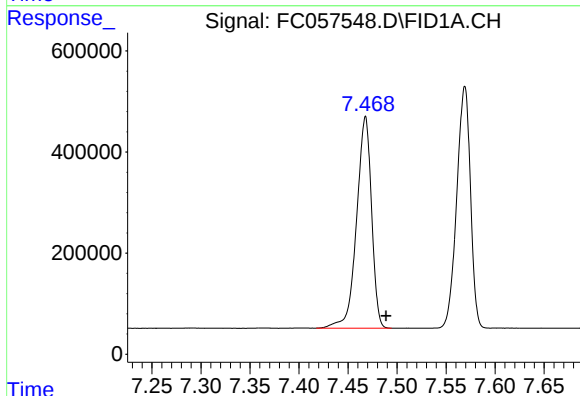
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.294 min
Delta R.T.: -0.026 min
Response: 4699320
Conc: 33.60 ug/ml

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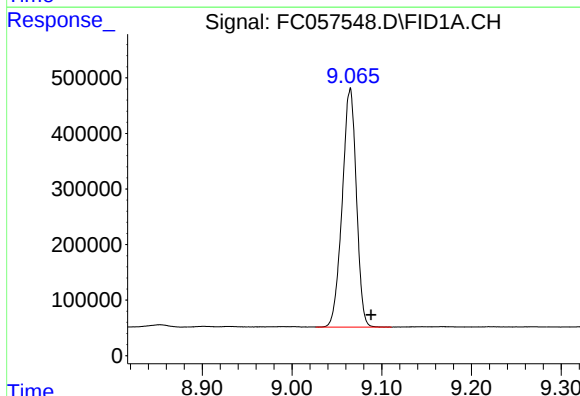
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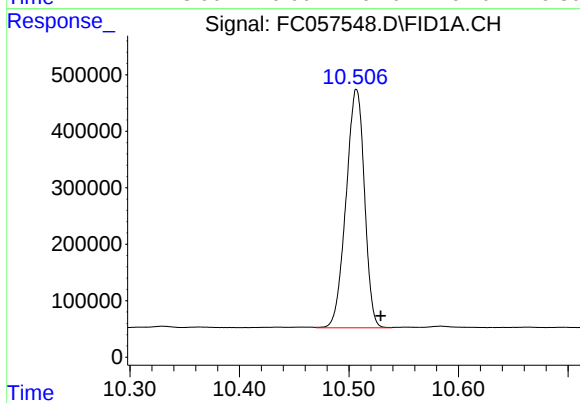
#6 n-Tetradecane (C14)

R.T.: 7.468 min
Delta R.T.: -0.021 min
Response: 4455104
Conc: 35.98 ug/ml m



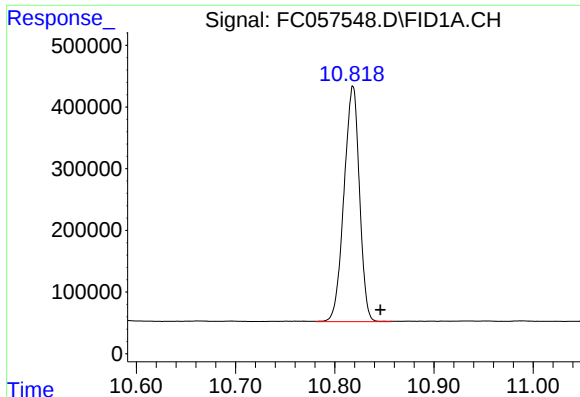
#7 n-Hexadecane (C16)

R.T.: 9.065 min
Delta R.T.: -0.023 min
Response: 4706246
Conc: 37.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.507 min
Delta R.T.: -0.022 min
Response: 4940187
Conc: 38.17 ug/ml



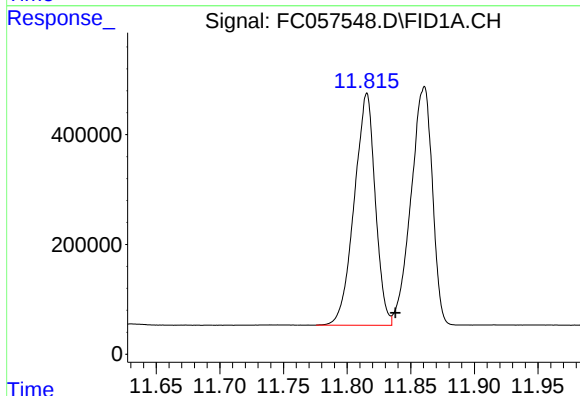
#9 ortho-Terphenyl (SURR)

R.T.: 10.818 min
Delta R.T.: -0.028 min
Response: 4139192
Conc: 29.74 ug/ml

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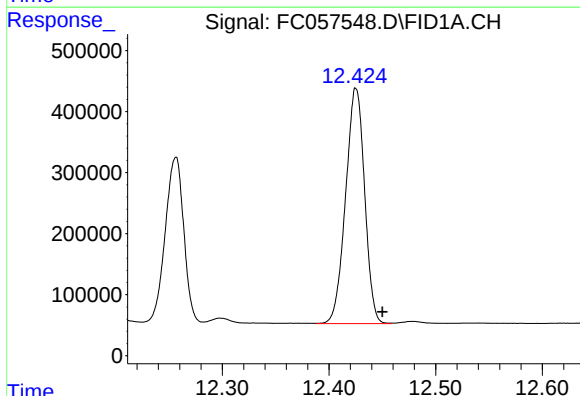
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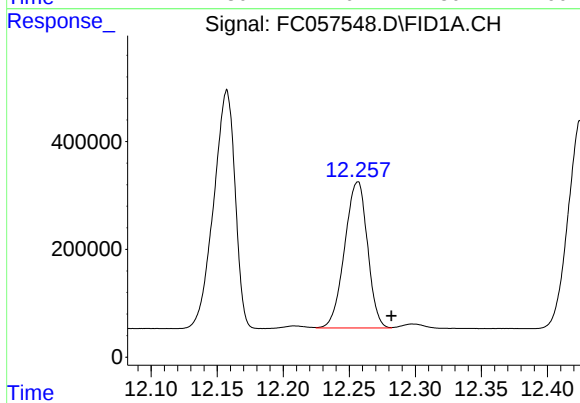
#10 n-Eicosane (C20)

R.T.: 11.815 min
Delta R.T.: -0.023 min
Response: 4859022
Conc: 37.40 ug/ml m



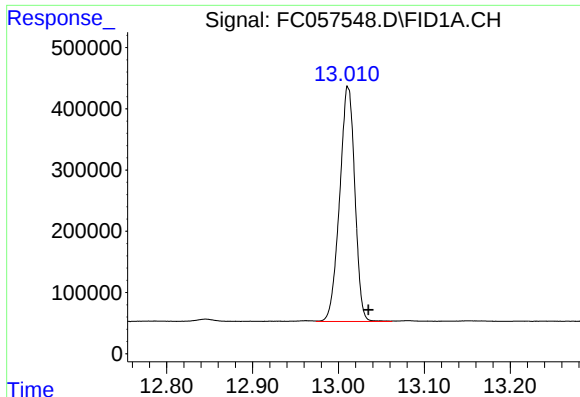
#11 n-Heneicosane (C21)

R.T.: 12.425 min
Delta R.T.: -0.025 min
Response: 4776087
Conc: 36.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.257 min
Delta R.T.: -0.025 min
Response: 3261656
Conc: 29.45 ug/ml m



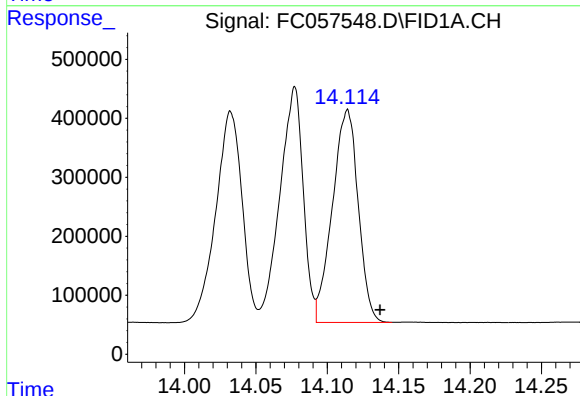
#13 n-Docosane (C22)

R.T.: 13.011 min
Delta R.T.: -0.024 min
Response: 4715162
Conc: 35.87 ug/ml

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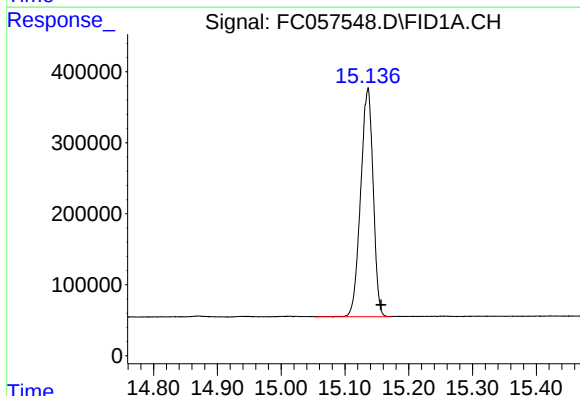
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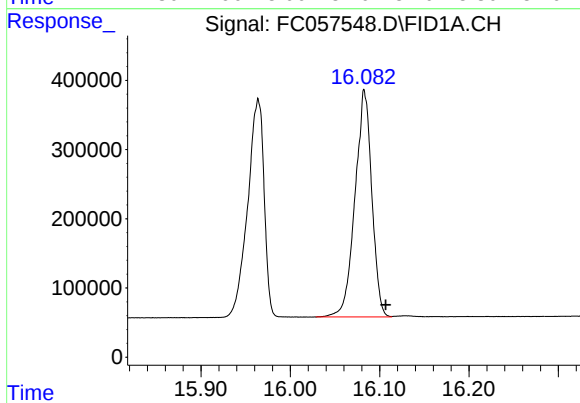
#14 n-Tetracosane (C24)

R.T.: 14.114 min
Delta R.T.: -0.023 min
Response: 4525044
Conc: 34.02 ug/ml m



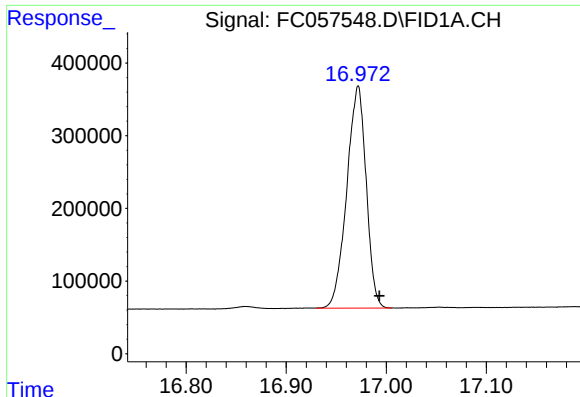
#15 n-Hexacosane (C26)

R.T.: 15.136 min
Delta R.T.: -0.021 min
Response: 4393198
Conc: 33.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.082 min
Delta R.T.: -0.025 min
Response: 4291550
Conc: 32.63 ug/ml m



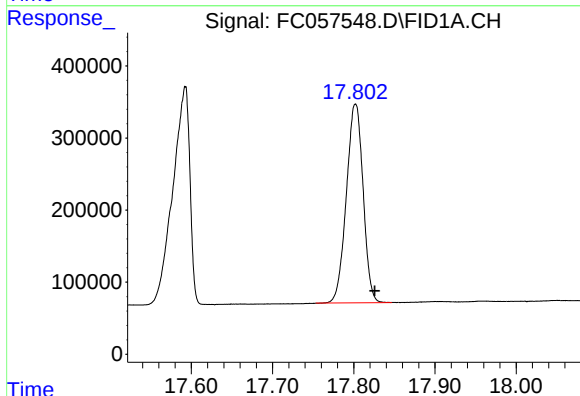
#17 n-Tricontane (C30)

R.T.: 16.972 min
Delta R.T.: -0.021 min
Response: 4120254
Conc: 30.15 ug/ml

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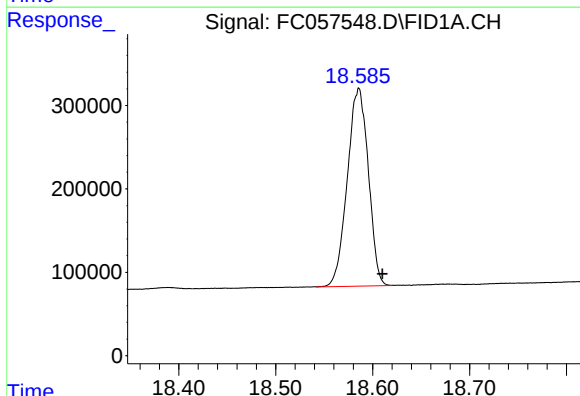
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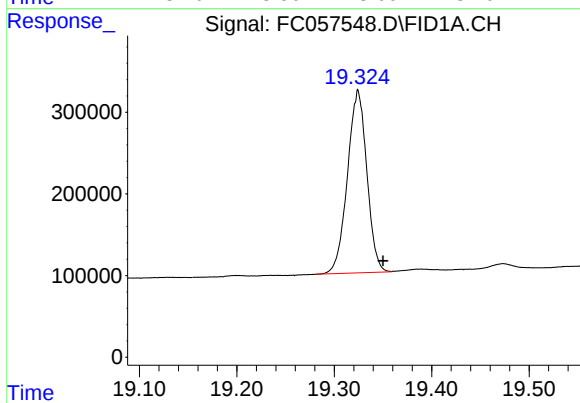
#18 n-Dotriacontane (C32)

R.T.: 17.802 min
Delta R.T.: -0.024 min
Response: 3953913
Conc: 29.49 ug/ml m



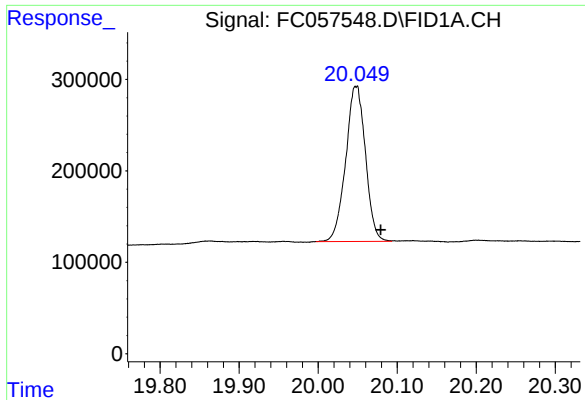
#19 n-Tetratriacontane (C34)

R.T.: 18.585 min
Delta R.T.: -0.025 min
Response: 3573520
Conc: 27.41 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.324 min
Delta R.T.: -0.026 min
Response: 3093292
Conc: 26.05 ug/ml m



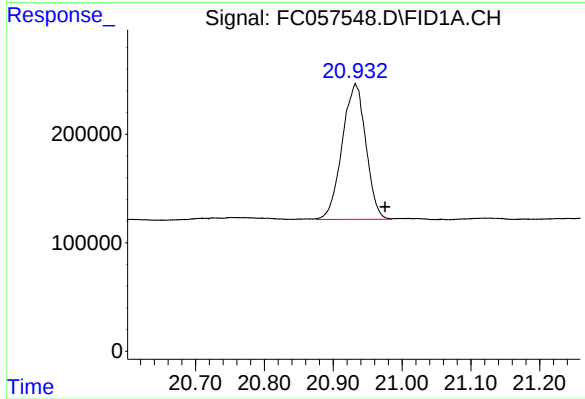
#21 n-Octatriacontane (C38)

R.T.: 20.049 min
Delta R.T.: -0.030 min
Response: 2947093
Conc: 26.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.932 min
Delta R.T.: -0.043 min
Response: 2983147
Conc: 29.88 ug/ml m