

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121721AL\
 Data File : FC057595.D
 Signal(s) : FID1A.CH
 Acq On : 18 Dec 2021 4:30
 Operator : AJ\MA
 Sample : PB141510BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB141510BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/23/2021
 Supervised By :Ankita Jodhani 12/23/2021

Integration File: sample.E
 Quant Time: Dec 18 05:32:47 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)	10.807	5774864	41.499 ug/mlm
Spiked Amount 50.000		Recovery =	83.00%
12) S 1-chlorooctadecane (S...	12.245	4513883	40.761 ug/ml
Spiked Amount 50.000		Recovery =	81.52%
Target Compounds			
1) T n-Nonane (C9)	2.684	4526825	36.640 ug/ml
2) T n-Decane (C10)	3.684	4796829	38.511 ug/mlm
3) T A~Naphthalene (C11.7)	5.235	5633604	40.608 ug/mlm
4) T n-Dodecane (C12)	5.666	4951330	40.094 ug/ml
5) T A~2-methylnaphthalene...	6.281	5580325	39.904 ug/mlm
6) T n-Tetradecane (C14)	7.457	5209797	42.073 ug/ml
7) T n-Hexadecane (C16)	9.055	5709838	45.538 ug/ml
8) T n-Octadecane (C18)	10.496	5828337	45.028 ug/mlm
10) T n-Eicosane (C20)	11.848	5828002	44.861 ug/ml
11) T n-Heneicosane (C21)	12.415	5520755	42.065 ug/ml
13) T n-Docosane (C22)	13.000	5414168	41.192 ug/ml
14) T n-Tetracosane (C24)	14.101	5197154	39.076 ug/ml
15) T n-Hexacosane (C26)	15.126	5017348	38.263 ug/mlm
16) T n-Octacosane (C28)	16.073	5028138	38.236 ug/ml
17) T n-Tricontane (C30)	16.959	4906552	35.901 ug/mlm
18) T n-Dotriacontane (C32)	17.792	4843835	36.127 ug/mlm
19) T n-Tetratriacontane (C34)	18.573	4503196	34.535 ug/mlm
20) T n-Hexatriacontane (C36)	19.312	4013429	33.800 ug/mlm
21) T n-Octatriacontane (C38)	20.032	4417200	40.218 ug/mlm
22) T n-Tetracontane (C40)	20.912	3799839	38.058 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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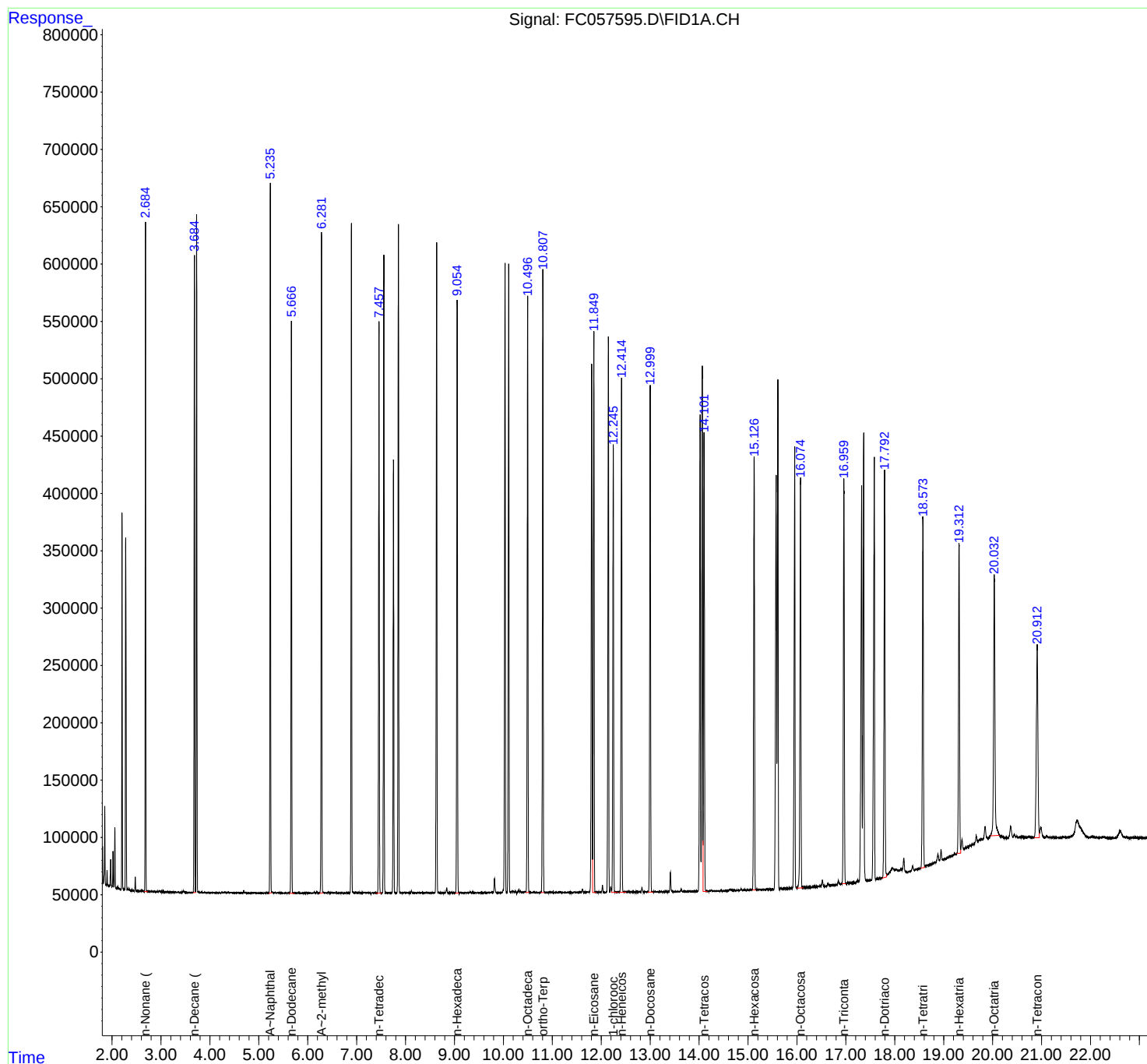
Response via : Initial Calibration

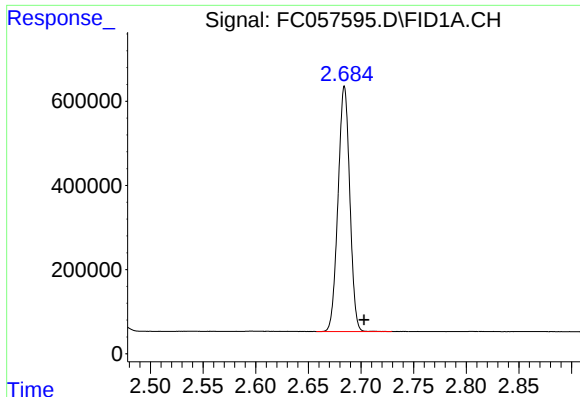
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Signal Phase : Rxi-1ms

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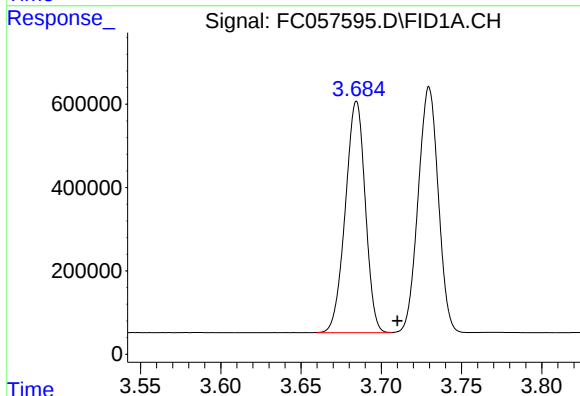
#1 n-Nonane (C9)

R.T.: 2.684 min
Delta R.T.: -0.019 min
Response: 4526825
Conc: 36.64 ug/ml

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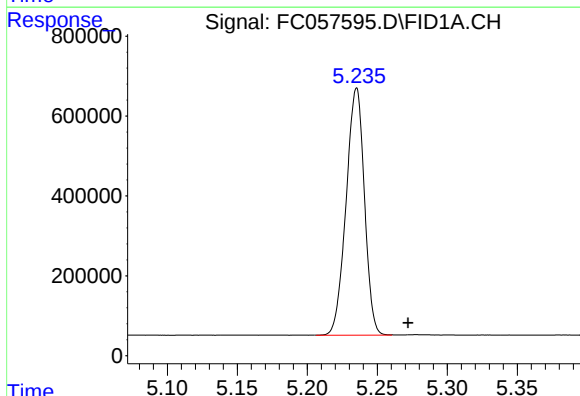
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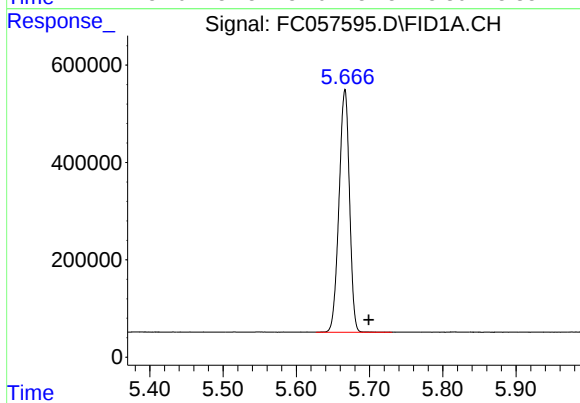
#2 n-Decane (C10)

R.T.: 3.684 min
Delta R.T.: -0.026 min
Response: 4796829
Conc: 38.51 ug/ml m



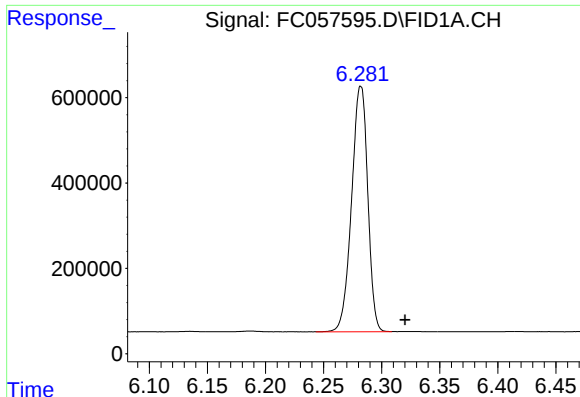
#3 A~Naphthalene (C11.7)

R.T.: 5.235 min
Delta R.T.: -0.037 min
Response: 5633604
Conc: 40.61 ug/ml m



#4 n-Dodecane (C12)

R.T.: 5.666 min
Delta R.T.: -0.033 min
Response: 4951330
Conc: 40.09 ug/ml



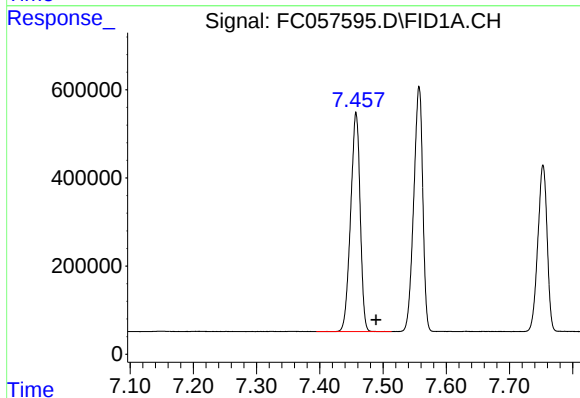
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.281 min
Delta R.T.: -0.039 min
Response: 5580325
Conc: 39.90 ug/ml

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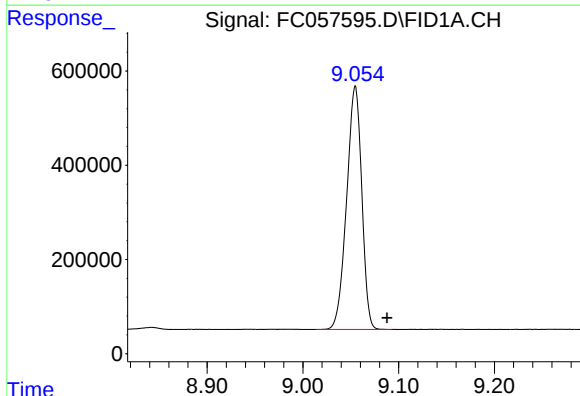
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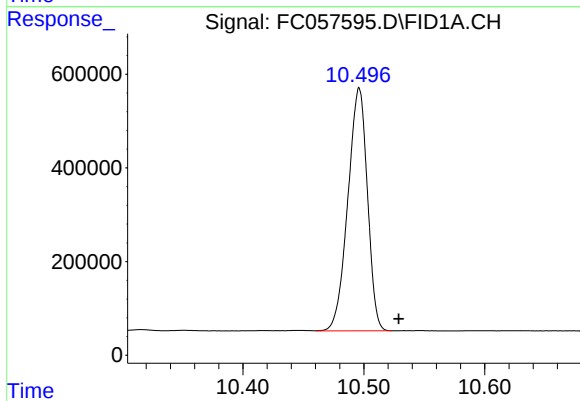
#6 n-Tetradecane (C14)

R.T.: 7.457 min
Delta R.T.: -0.032 min
Response: 5209797
Conc: 42.07 ug/ml



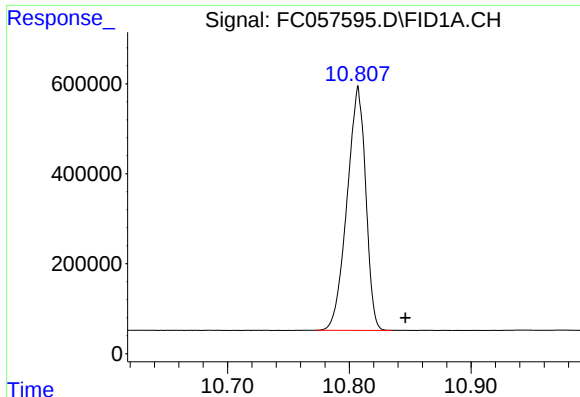
#7 n-Hexadecane (C16)

R.T.: 9.055 min
Delta R.T.: -0.033 min
Response: 5709838
Conc: 45.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.496 min
Delta R.T.: -0.033 min
Response: 5828337
Conc: 45.03 ug/ml m



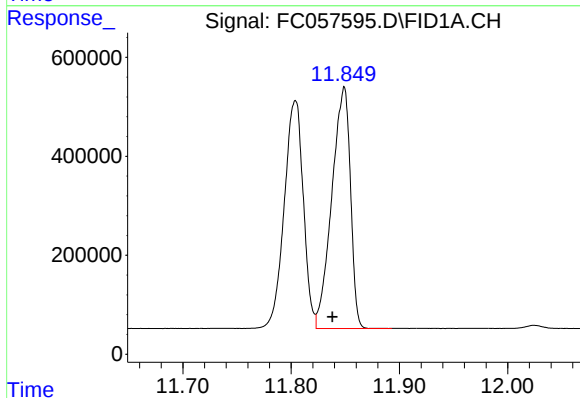
#9 ortho-Terphenyl (SURR)

R.T.: 10.807 min
Delta R.T.: -0.039 min
Response: 5774864
Conc: 41.50 ug/ml

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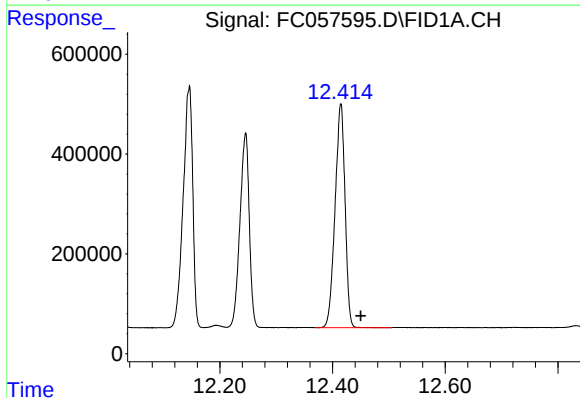
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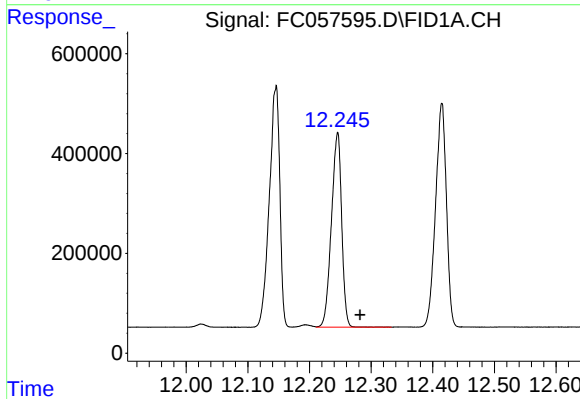
#10 n-Eicosane (C20)

R.T.: 11.848 min
Delta R.T.: 0.010 min
Response: 5828002
Conc: 44.86 ug/ml



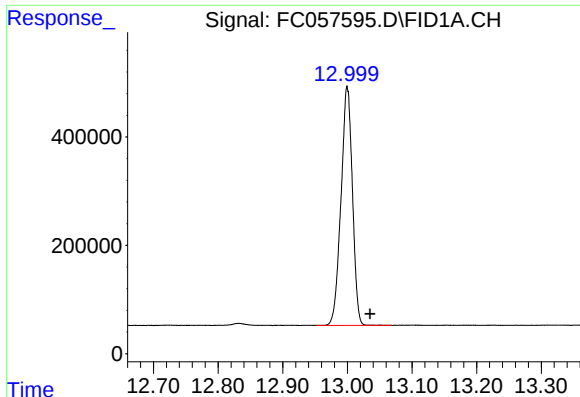
#11 n-Heneicosane (C21)

R.T.: 12.415 min
Delta R.T.: -0.035 min
Response: 5520755
Conc: 42.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.245 min
Delta R.T.: -0.037 min
Response: 4513883
Conc: 40.76 ug/ml



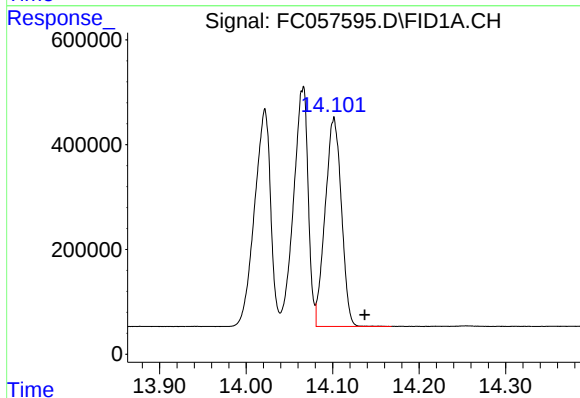
#13 n-Docosane (C22)

R.T.: 13.000 min
Delta R.T.: -0.035 min
Response: 5414168
Conc: 41.19 ug/ml

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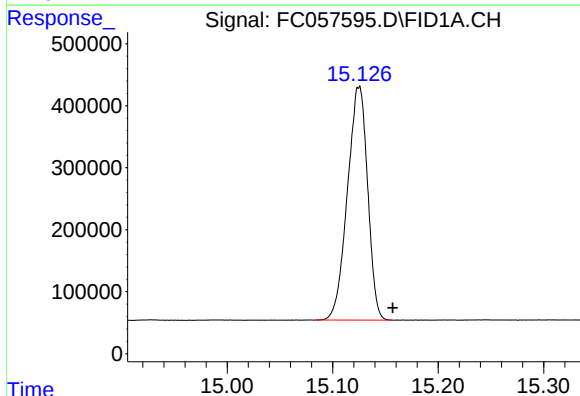
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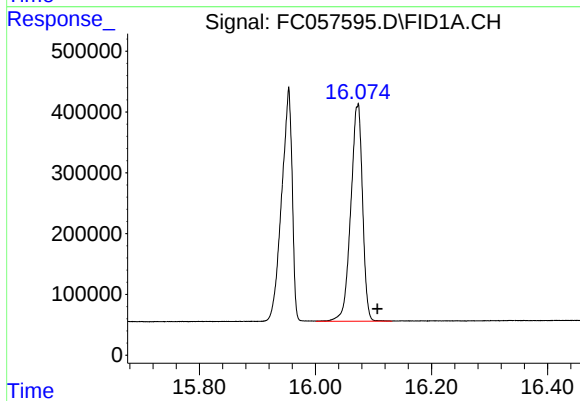
#14 n-Tetracosane (C24)

R.T.: 14.101 min
Delta R.T.: -0.036 min
Response: 5197154
Conc: 39.08 ug/ml



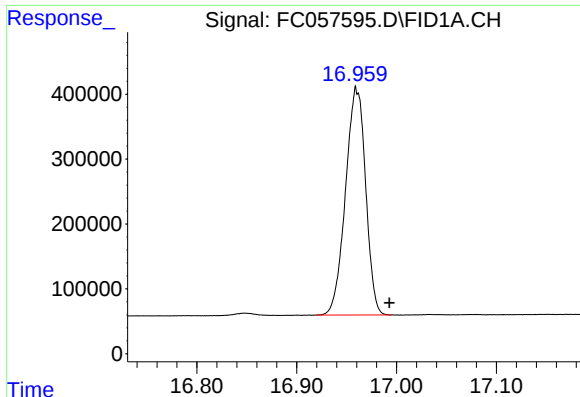
#15 n-Hexacosane (C26)

R.T.: 15.126 min
Delta R.T.: -0.031 min
Response: 5017348
Conc: 38.26 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.073 min
Delta R.T.: -0.034 min
Response: 5028138
Conc: 38.24 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.959 min
Delta R.T.: -0.034 min
Response: 4906552
Conc: 35.90 ug/ml

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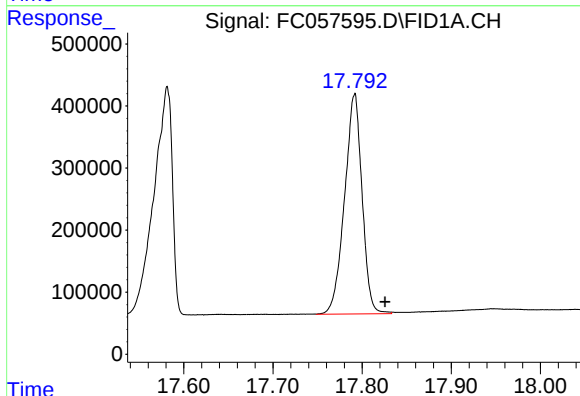
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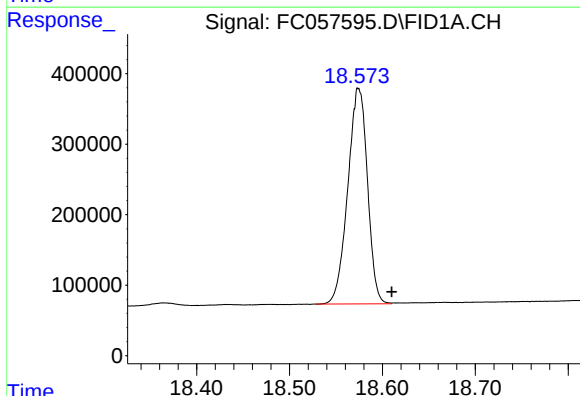
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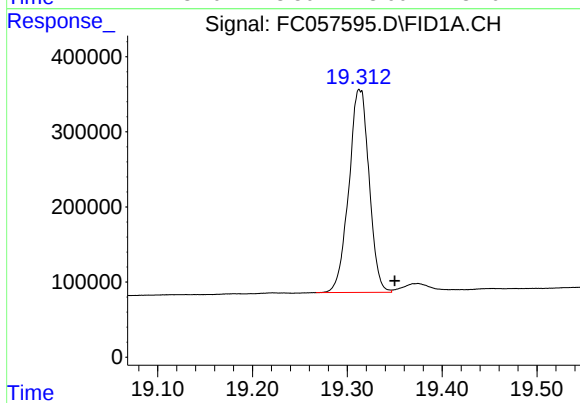
#18 n-Dotriacontane (C32)

R.T.: 17.792 min
Delta R.T.: -0.034 min
Response: 4843835
Conc: 36.13 ug/ml m



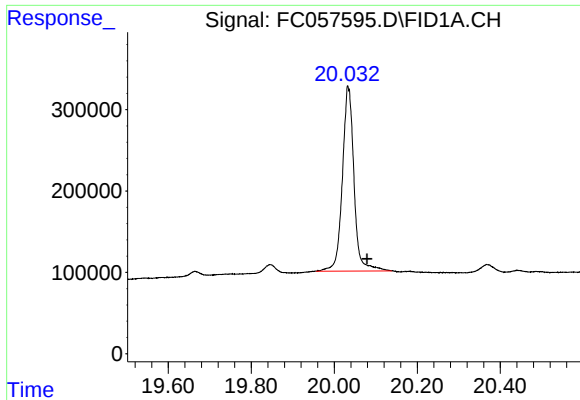
#19 n-Tetratriacontane (C34)

R.T.: 18.573 min
Delta R.T.: -0.037 min
Response: 4503196
Conc: 34.53 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.312 min
Delta R.T.: -0.038 min
Response: 4013429
Conc: 33.80 ug/ml m



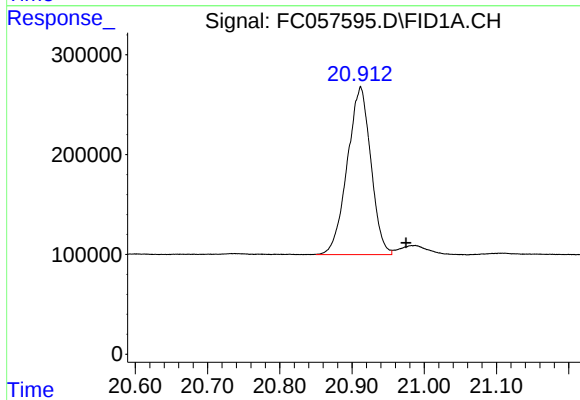
#21 n-Octatriacontane (C38)

R.T.: 20.032 min
Delta R.T.: -0.047 min
Response: 4417200
Conc: 40.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.912 min
Delta R.T.: -0.063 min
Response: 3799839
Conc: 38.06 ug/ml m