

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051222AL\
 Data File : FC059719.D
 Signal(s) : FID1A.CH
 Acq On : 12 May 2022 19:14
 Operator : UA/NP
 Sample : N2802-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SHALLOW-WC-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/17/2022
 Supervised By :mohammad ahmed 05/17/2022

Integration File: sample.E
 Quant Time: May 13 03:42:14 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)	10.657	5187351	35.325 ug/mlm
Spiked Amount 50.000		Recovery =	70.65%
12) S 1-chlorooctadecane (S...	12.025	4186498	36.379 ug/ml
Spiked Amount 50.000		Recovery =	72.76%
Target Compounds			
1) T n-Nonane (C9)	2.639	4277511	33.496 ug/ml
2) T n-Decane (C10)	3.636	4799454	37.896 ug/ml
3) T A~Naphthalene (C11.7)	5.169	5978174	40.600 ug/ml
4) T n-Dodecane (C12)	5.588	5386260	40.957 ug/ml
5) T A~2-methylnaphthalene...	6.193	6141555	40.857 ug/ml
6) T n-Tetradecane (C14)	7.341	5801301	43.113 ug/ml
7) T n-Hexadecane (C16)	8.903	5995323	43.693 ug/ml
8) T n-Octadecane (C18)	10.313	6249459	45.349 ug/ml
10) T n-Eicosane (C20)	11.593	5919108	44.009 ug/mlm
11) T n-Heneicosane (C21)	12.189	5805315	43.517 ug/mlm
13) T n-Docosane (C22)	12.761	5744127	43.768 ug/ml
14) T n-Tetracosane (C24)	13.832	10878364	86.459 ug/ml
15) T n-Hexacosane (C26)	14.839	5283228	44.237 ug/ml
16) T n-Octacosane (C28)	15.766	4894411	42.992 ug/mlm
17) T n-Tricontane (C30)	16.633	4759196	43.295 ug/ml
18) T n-Dotriacontane (C32)	17.444	4702103	45.483 ug/mlm
19) T n-Tetratriacontane (C34)	18.209	4191224	42.929 ug/mlm
20) T n-Hexatriacontane (C36)	18.930	3848206	41.453 ug/mlm
21) T n-Octatriacontane (C38)	19.613	3593199	37.746 ug/mlm
22) T n-Tetracontane (C40)	20.261	3455900	36.507 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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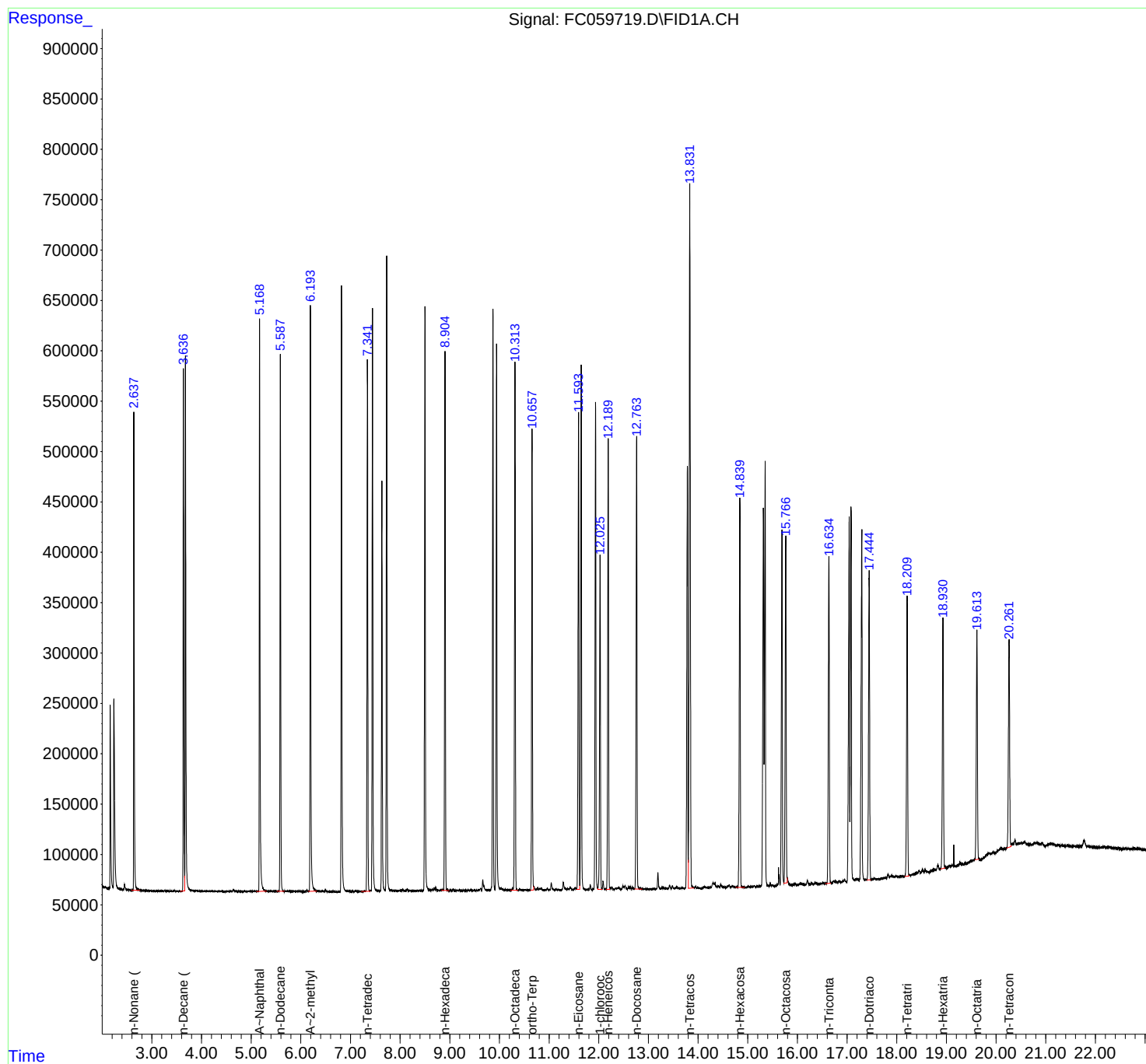
Instrument :
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SHALLOW-WC-1MS

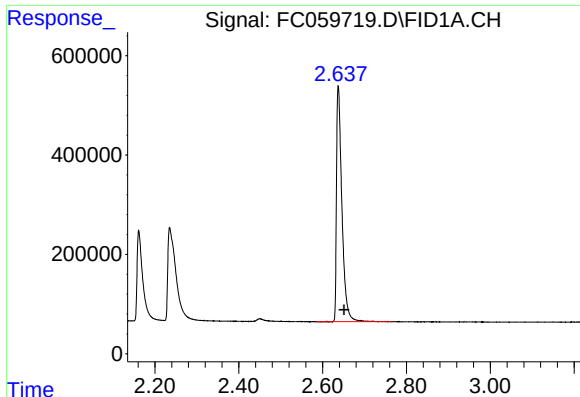
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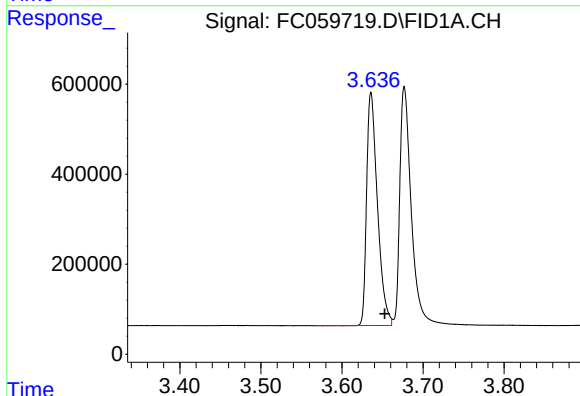
#1 n-Nonane (C9)

R.T.: 2.639 min
Delta R.T.: -0.012 min
Response: 4277511
Conc: 33.50 ug/ml

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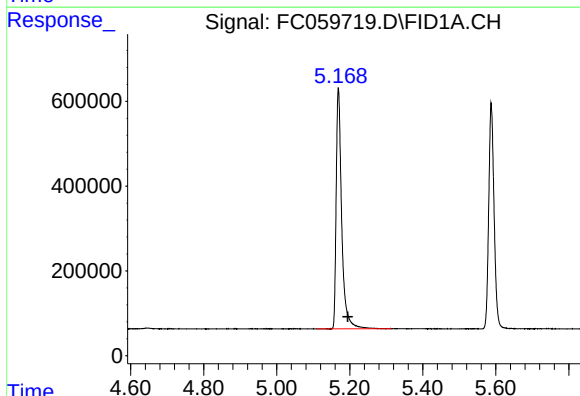
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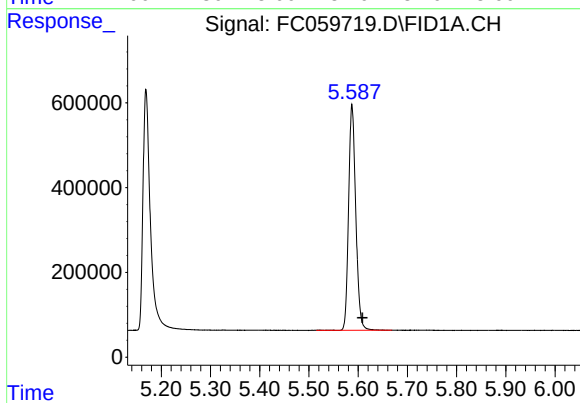
#2 n-Decane (C10)

R.T.: 3.636 min
Delta R.T.: -0.016 min
Response: 4799454
Conc: 37.90 ug/ml



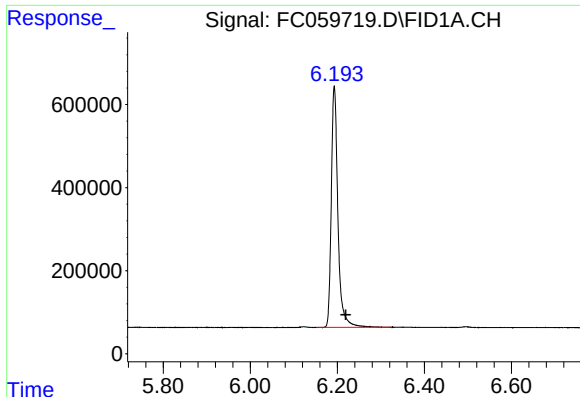
#3 A~Naphthalene (C11.7)

R.T.: 5.169 min
Delta R.T.: -0.025 min
Response: 5978174
Conc: 40.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.588 min
Delta R.T.: -0.021 min
Response: 5386260
Conc: 40.96 ug/ml



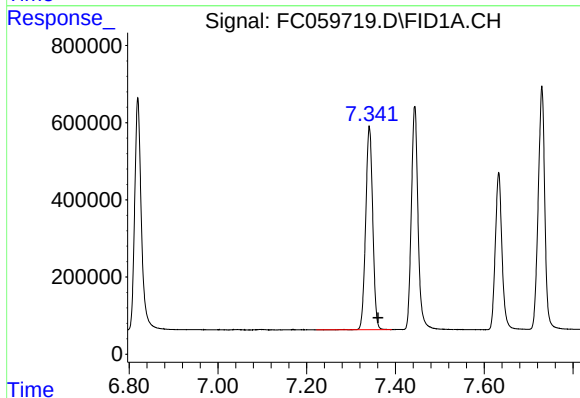
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.193 min
Delta R.T.: -0.026 min
Response: 6141555
Conc: 40.86 ug/ml

Instrument :
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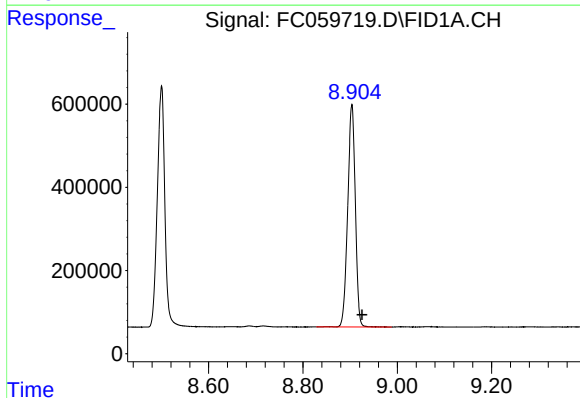
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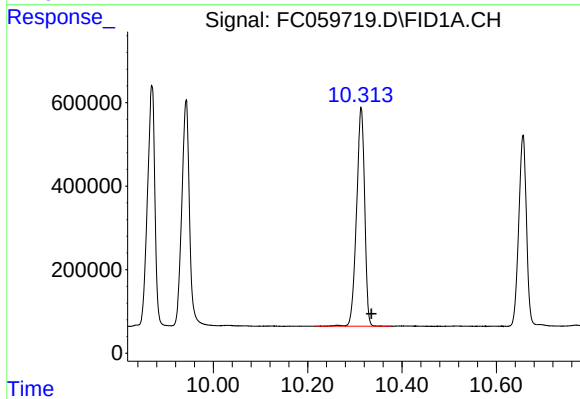
#6 n-Tetradecane (C14)

R.T.: 7.341 min
Delta R.T.: -0.020 min
Response: 5801301
Conc: 43.11 ug/ml



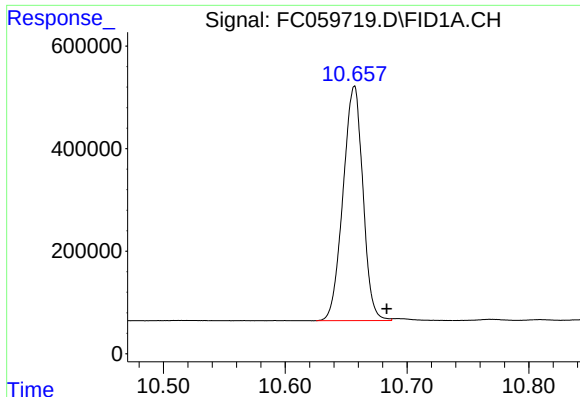
#7 n-Hexadecane (C16)

R.T.: 8.903 min
Delta R.T.: -0.022 min
Response: 5995323
Conc: 43.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.313 min
Delta R.T.: -0.022 min
Response: 6249459
Conc: 45.35 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.657 min
Delta R.T.: -0.026 min
Response: 5187351
Conc: 35.33 ug/ml

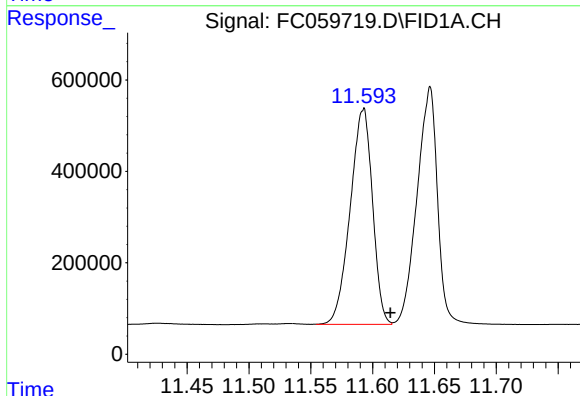
Instrument :

FID_C

ClientSampleId :
SHALLOW-WC-1MS

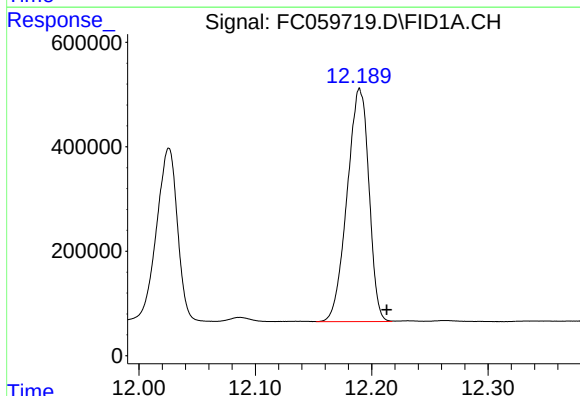
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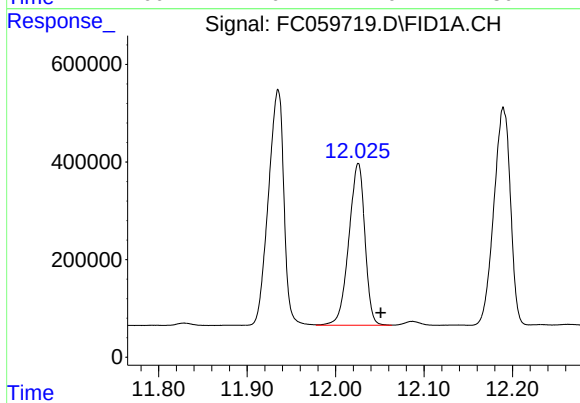
#10 n-Eicosane (C20)

R.T.: 11.593 min
Delta R.T.: -0.021 min
Response: 5919108
Conc: 44.01 ug/ml m



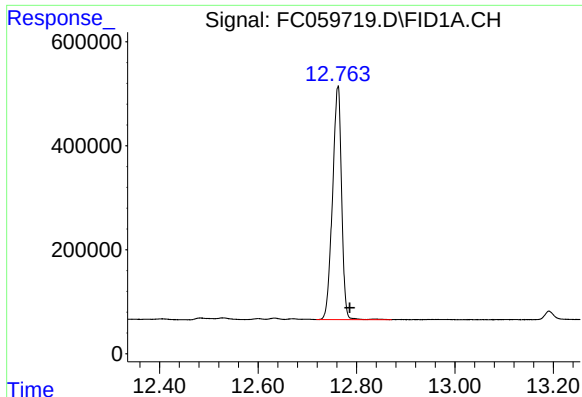
#11 n-Heneicosane (C21)

R.T.: 12.189 min
Delta R.T.: -0.024 min
Response: 5805315
Conc: 43.52 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.025 min
Delta R.T.: -0.026 min
Response: 4186498
Conc: 36.38 ug/ml



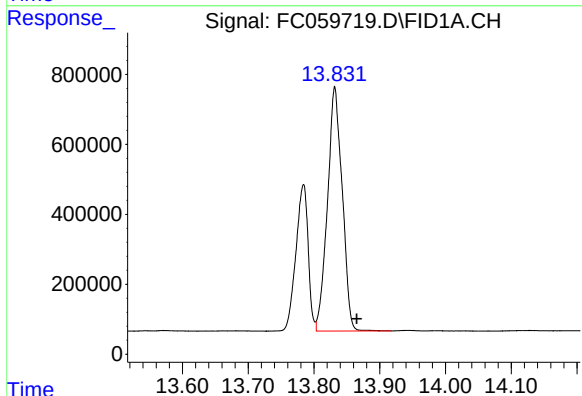
#13 n-Docosane (C22)

R.T.: 12.761 min
Delta R.T.: -0.025 min
Response: 5744127
Conc: 43.77 ug/ml

Instrument :
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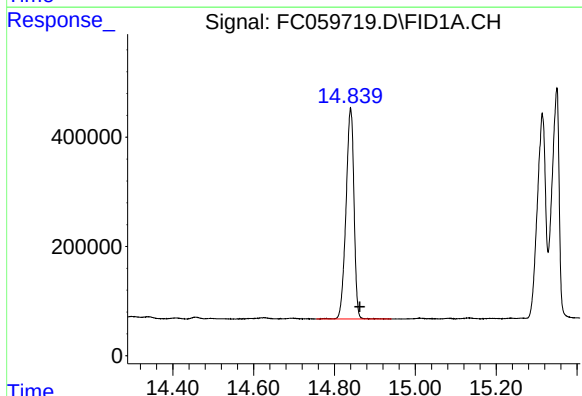
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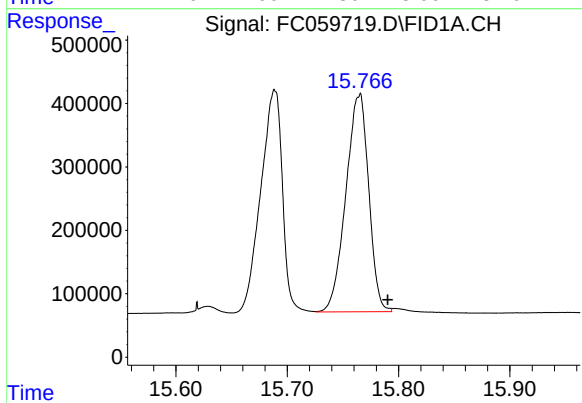
#14 n-Tetracosane (C24)

R.T.: 13.832 min
Delta R.T.: -0.033 min
Response: 10878364
Conc: 86.46 ug/ml



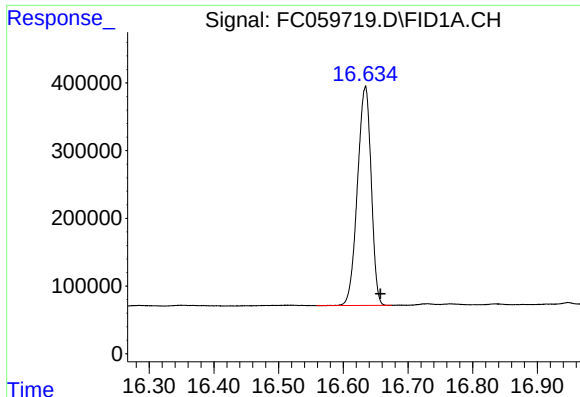
#15 n-Hexacosane (C26)

R.T.: 14.839 min
Delta R.T.: -0.024 min
Response: 5283228
Conc: 44.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.766 min
Delta R.T.: -0.025 min
Response: 4894411
Conc: 42.99 ug/ml m



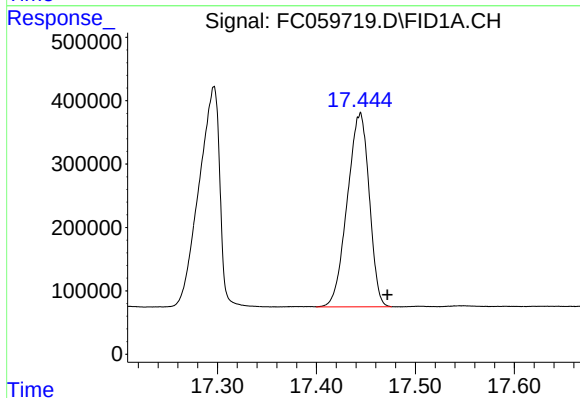
#17 n-Tricontane (C30)

R.T.: 16.633 min
Delta R.T.: -0.024 min
Response: 4759196
Conc: 43.30 ug/ml

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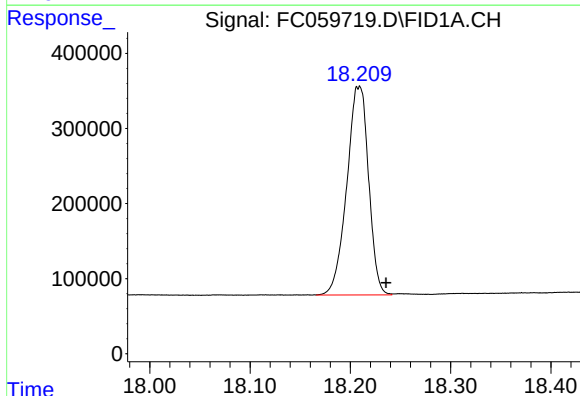
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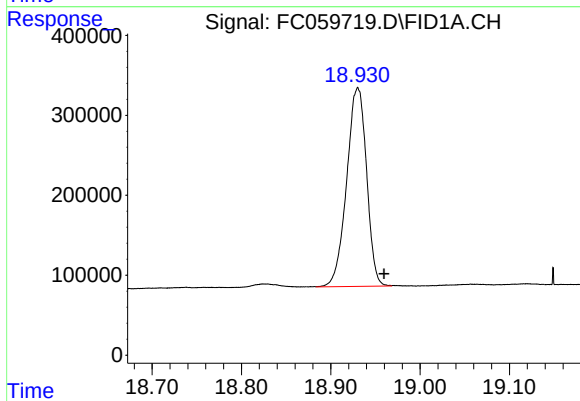
#18 n-Dotriacontane (C32)

R.T.: 17.444 min
Delta R.T.: -0.027 min
Response: 4702103
Conc: 45.48 ug/ml m



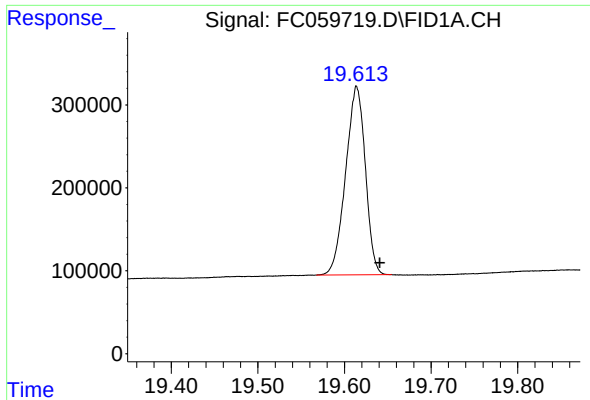
#19 n-Tetratriacontane (C34)

R.T.: 18.209 min
Delta R.T.: -0.027 min
Response: 4191224
Conc: 42.93 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.930 min
Delta R.T.: -0.030 min
Response: 3848206
Conc: 41.45 ug/ml m



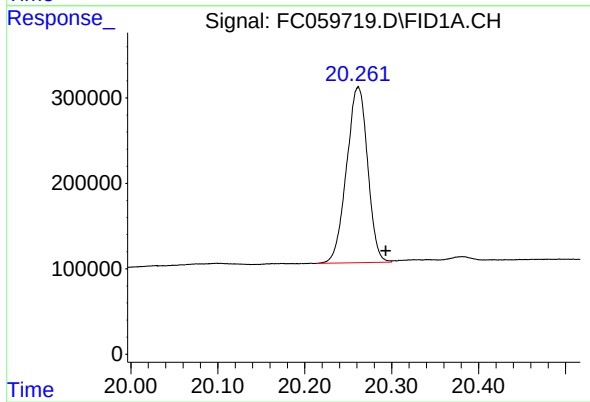
#21 n-Octatriacontane (C38)

R.T.: 19.613 min
Delta R.T.: -0.028 min
Response: 3593199
Conc: 37.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.261 min
Delta R.T.: -0.032 min
Response: 3455900
Conc: 36.51 ug/ml m