

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042522AL\
 Data File : FC059417.D
 Signal(s) : FID1A.CH
 Acq On : 25 Apr 2022 23:49
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2022
 Supervised By :mohammad ahmed 04/27/2022

Integration File: sample.E
 Quant Time: Apr 26 02:18:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:30:29 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)	11.098	3212516	19.992 ug/ml
Spiked Amount 50.000		Recovery =	39.98%
12) S 1-chlorooctadecane (S...	12.544	2521470	19.309 ug/ml
Spiked Amount 50.000		Recovery =	38.62%
Target Compounds			
1) T n-Nonane (C9)	2.962	2640442	21.068 ug/ml
2) T n-Decane (C10)	4.003	2689021	21.524 ug/ml
3) T A~Naphthalene (C11.7)	5.552	2852792	23.256 ug/ml
4) T n-Dodecane (C12)	6.000	2848152	21.599 ug/ml
5) T A~2-methylnaphthalene...	6.599	2867565	22.721 ug/ml
6) T n-Tetradecane (C14)	7.782	2909757	21.512 ug/ml
7) T n-Hexadecane (C16)	9.373	2972531	21.165 ug/ml
8) T n-Octadecane (C18)	10.806	3002005	20.551 ug/ml
10) T n-Eicosane (C20)	12.108	2957975	19.724 ug/ml
11) T n-Heneicosane (C21)	12.716	2937924	19.314 ug/ml
13) T n-Docosane (C22)	13.299	2939713	19.186 ug/ml
14) T n-Tetracosane (C24)	14.398	2911771	18.805 ug/ml
15) T n-Hexacosane (C26)	15.413	2777210	18.020 ug/ml
16) T n-Octacosane (C28)	16.361	2702271	17.456 ug/mlm
17) T n-Tricontane (C30)	17.243	2627198	17.297 ug/ml
18) T n-Dotriacontane (C32)	18.071	2426382	17.221 ug/ml
19) T n-Tetratriacontane (C34)	18.853	2193400	17.355 ug/ml
20) T n-Hexatriacontane (C36)	19.589	1999125	18.277 ug/ml
21) T n-Octatriacontane (C38)	20.289	1847881	19.842 ug/ml
22) T n-Tetracontane (C40)	21.030	1860594	22.275 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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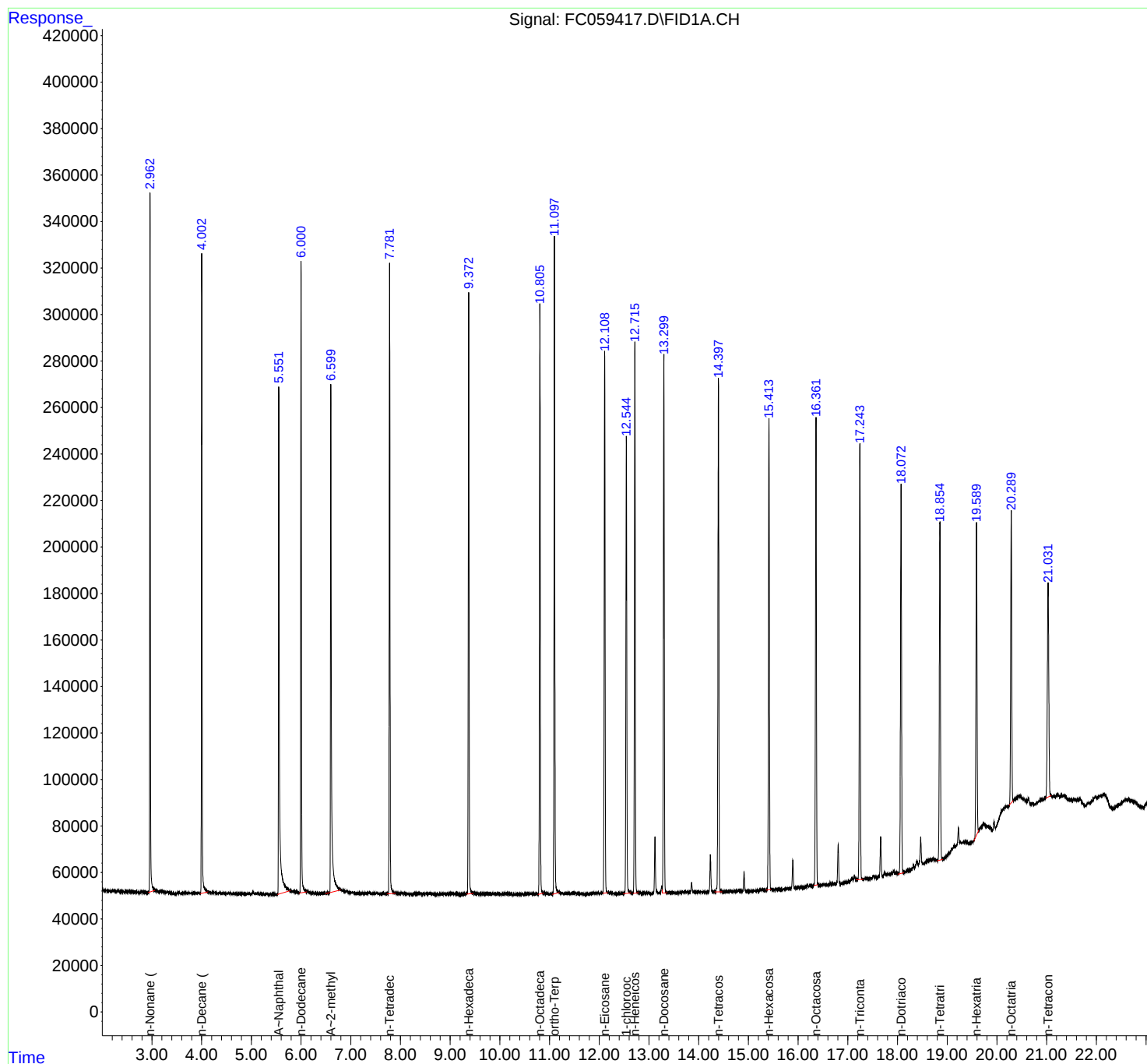
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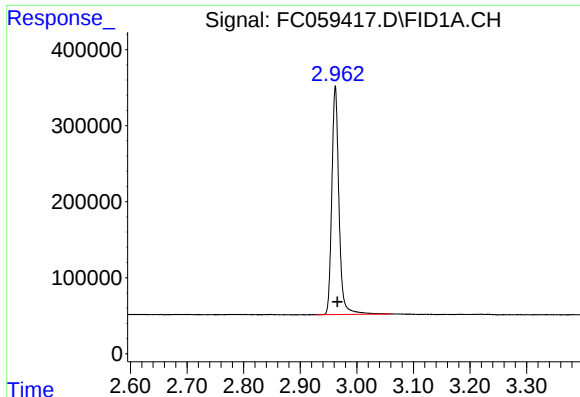
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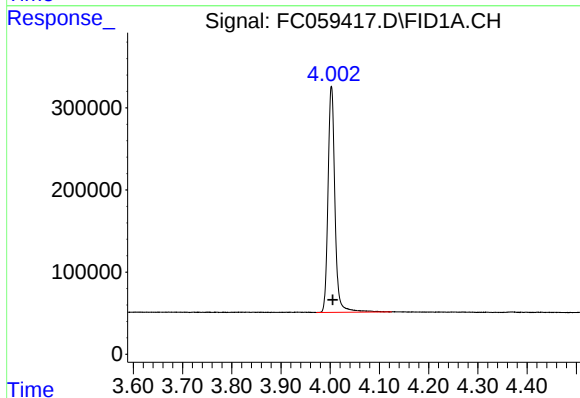
#1 n-Nonane (C9)

R.T.: 2.962 min
Delta R.T.: -0.004 min
Response: 2640442
Conc: 21.07 ug/ml

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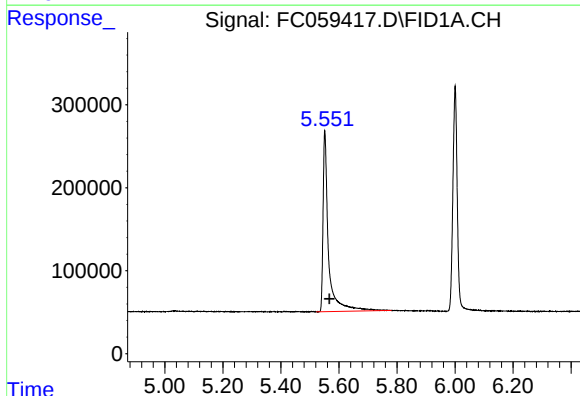
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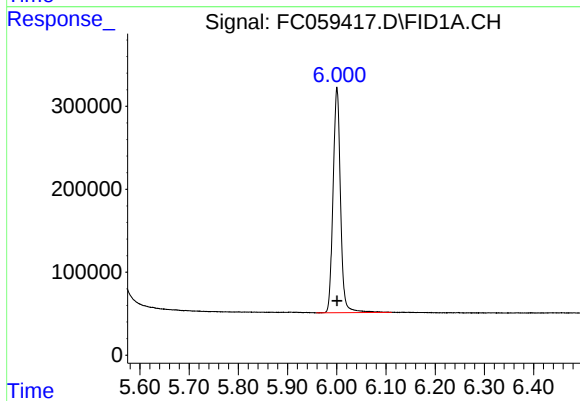
#2 n-Decane (C10)

R.T.: 4.003 min
Delta R.T.: -0.003 min
Response: 2689021
Conc: 21.52 ug/ml



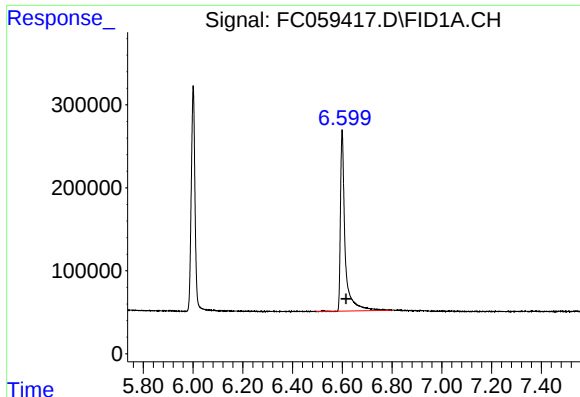
#3 A~Naphthalene (C11.7)

R.T.: 5.552 min
Delta R.T.: -0.015 min
Response: 2852792
Conc: 23.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 2848152
Conc: 21.60 ug/ml



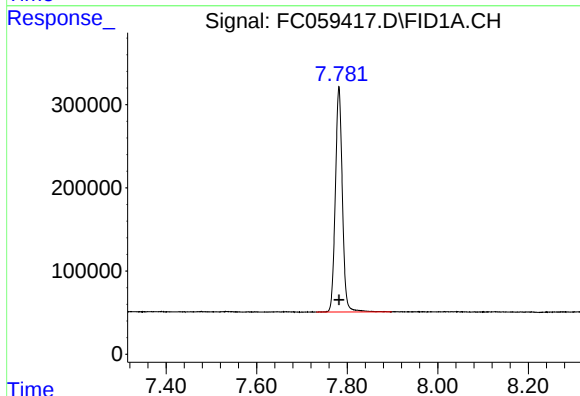
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 2867565
Conc: 22.72 ug/ml

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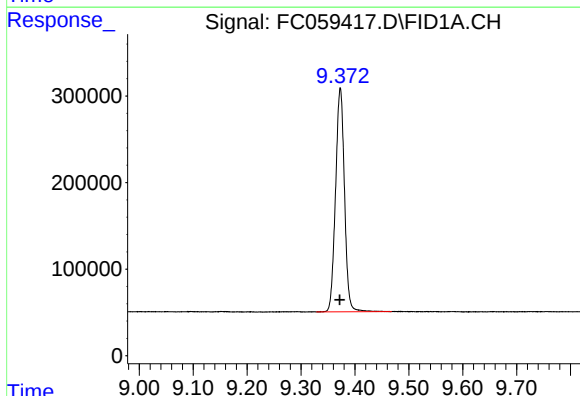
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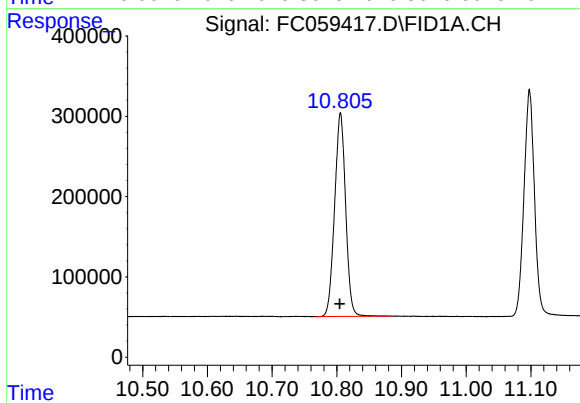
#6 n-Tetradecane (C14)

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 2909757
Conc: 21.51 ug/ml



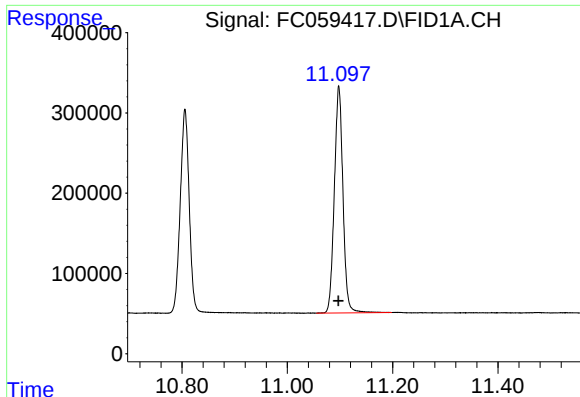
#7 n-Hexadecane (C16)

R.T.: 9.373 min
Delta R.T.: 0.000 min
Response: 2972531
Conc: 21.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.806 min
Delta R.T.: 0.001 min
Response: 3002005
Conc: 20.55 ug/ml



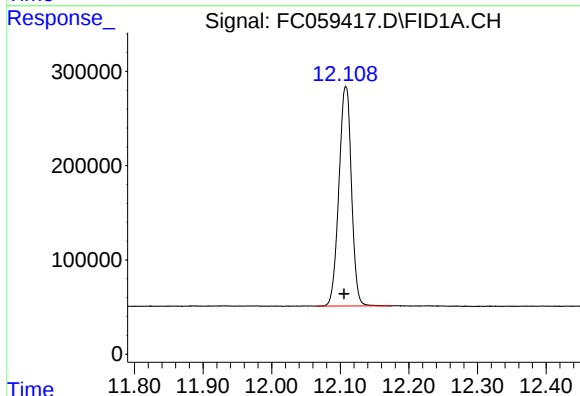
#9 ortho-Terphenyl (SURR)

R.T.: 11.098 min
Delta R.T.: 0.000 min
Response: 3212516
Conc: 19.99 ug/ml

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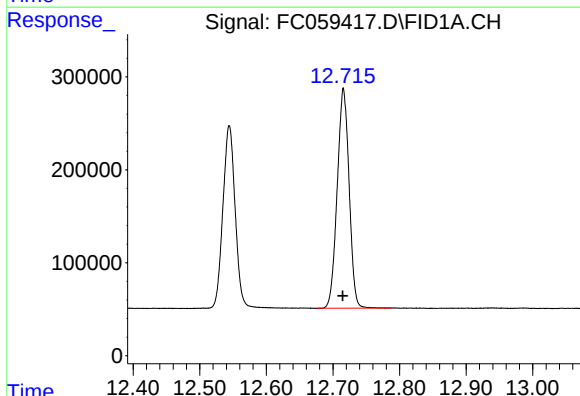
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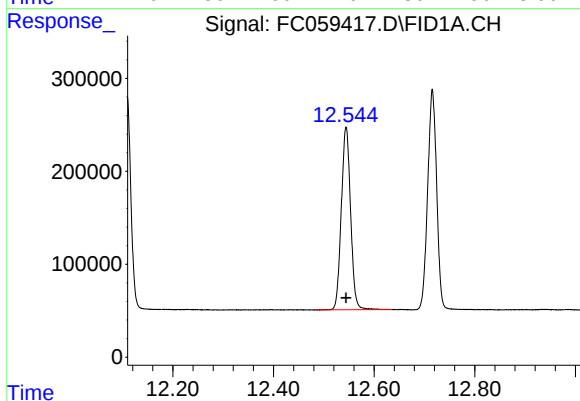
#10 n-Eicosane (C20)

R.T.: 12.108 min
Delta R.T.: 0.003 min
Response: 2957975
Conc: 19.72 ug/ml



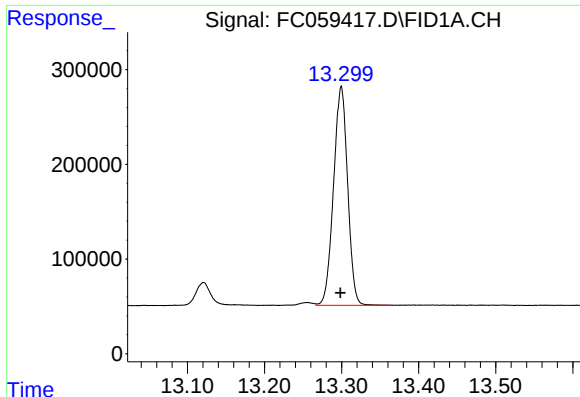
#11 n-Heneicosane (C21)

R.T.: 12.716 min
Delta R.T.: 0.001 min
Response: 2937924
Conc: 19.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.544 min
Delta R.T.: 0.000 min
Response: 2521470
Conc: 19.31 ug/ml



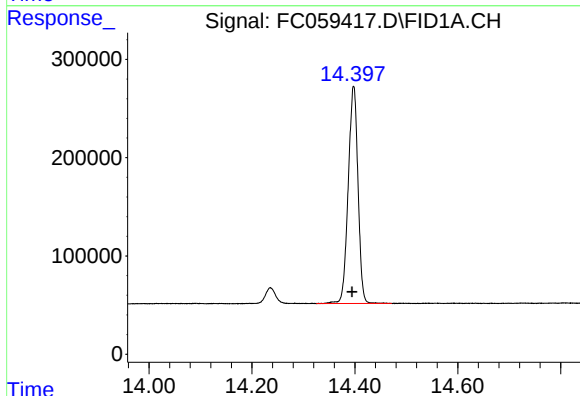
#13 n-Docosane (C22)

R.T.: 13.299 min
Delta R.T.: 0.001 min
Response: 2939713
Conc: 19.19 ug/ml

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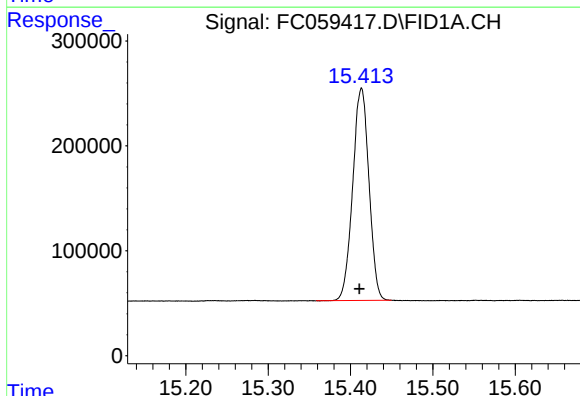
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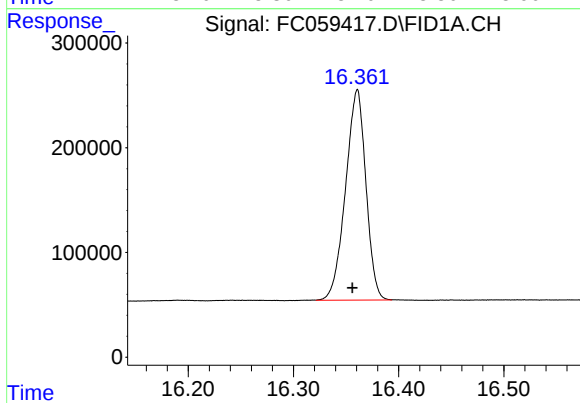
#14 n-Tetracosane (C24)

R.T.: 14.398 min
Delta R.T.: 0.003 min
Response: 2911771
Conc: 18.80 ug/ml



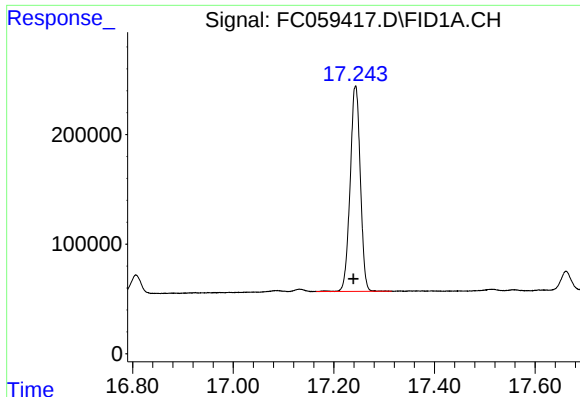
#15 n-Hexacosane (C26)

R.T.: 15.413 min
Delta R.T.: 0.002 min
Response: 2777210
Conc: 18.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.361 min
Delta R.T.: 0.004 min
Response: 2702271
Conc: 17.46 ug/ml m



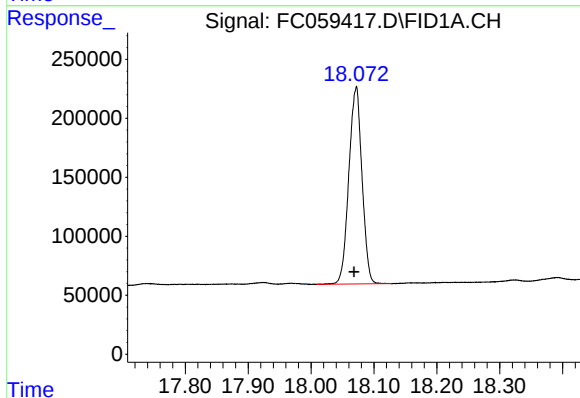
#17 n-Tricontane (C30)

R.T.: 17.243 min
Delta R.T.: 0.004 min
Response: 2627198
Conc: 17.30 ug/ml

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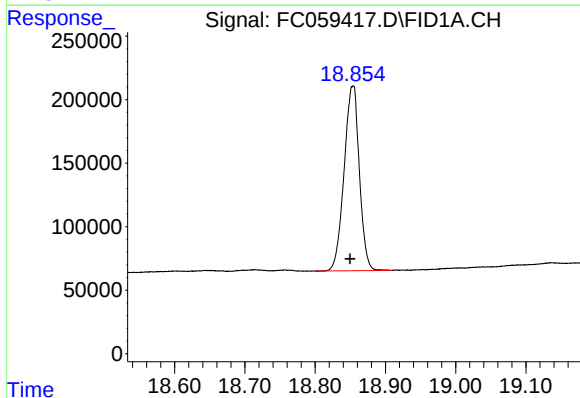
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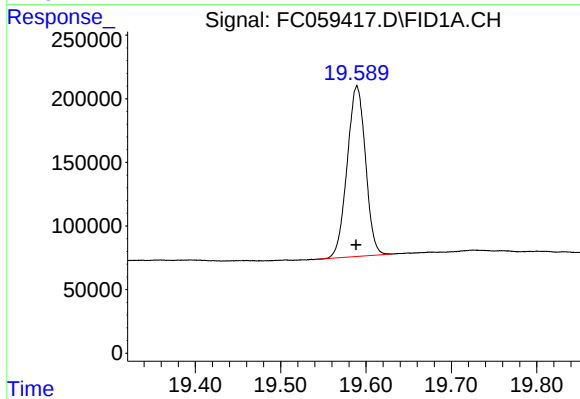
#18 n-Dotriacontane (C32)

R.T.: 18.071 min
Delta R.T.: 0.003 min
Response: 2426382
Conc: 17.22 ug/ml



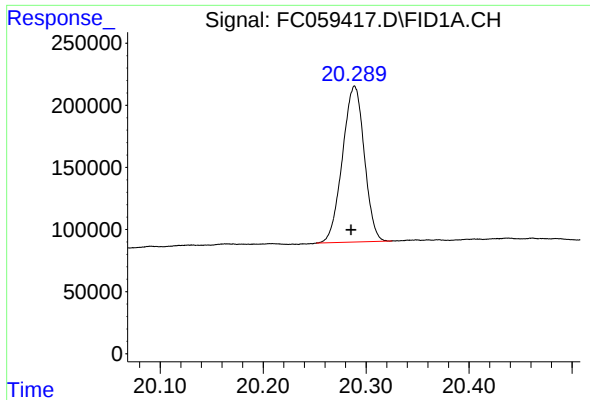
#19 n-Tetratriacontane (C34)

R.T.: 18.853 min
Delta R.T.: 0.004 min
Response: 2193400
Conc: 17.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.589 min
Delta R.T.: 0.000 min
Response: 1999125
Conc: 18.28 ug/ml



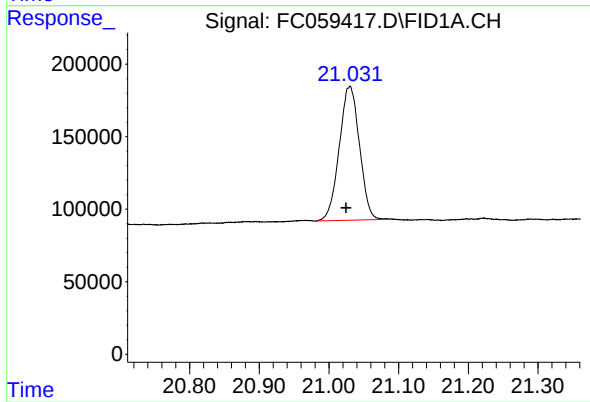
#21 n-Octatriacontane (C38)

R.T.: 20.289 min
Delta R.T.: 0.003 min
Response: 1847881
Conc: 19.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.030 min
Delta R.T.: 0.005 min
Response: 1860594
Conc: 22.28 ug/ml