

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042722AL\
 Data File : FC059502.D
 Signal(s) : FID1A.CH
 Acq On : 28 Apr 2022 9:34
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/28/2022
 Supervised By :mohammad ahmed 04/28/2022

Integration File: sample.E
 Quant Time: Apr 28 09:56:26 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)	11.094	3224718	20.068 ug/ml
Spiked Amount 50.000		Recovery =	40.14%
12) S 1-chlorooctadecane (S...	12.541	2519062	19.291 ug/ml
Spiked Amount 50.000		Recovery =	38.58%
Target Compounds			
1) T n-Nonane (C9)	2.960	2773740	22.132 ug/ml
2) T n-Decane (C10)	4.000	2802631	22.433 ug/ml
3) T A~Naphthalene (C11.7)	5.549	2954411	24.085 ug/ml
4) T n-Dodecane (C12)	5.997	2963210	22.471 ug/ml
5) T A~2-methylnaphthalene...	6.597	2950563	23.379 ug/ml
6) T n-Tetradecane (C14)	7.778	3010072	22.253 ug/ml
7) T n-Hexadecane (C16)	9.369	3053579	21.742 ug/ml
8) T n-Octadecane (C18)	10.802	3060145	20.949 ug/ml
10) T n-Eicosane (C20)	12.104	2983205	19.892 ug/ml
11) T n-Heneicosane (C21)	12.712	2937069	19.309 ug/ml
13) T n-Docosane (C22)	13.295	2926966	19.103 ug/ml
14) T n-Tetracosane (C24)	14.392	2791374	18.027 ug/ml
15) T n-Hexacosane (C26)	15.408	2650791	17.200 ug/ml
16) T n-Octacosane (C28)	16.353	2592047	16.744 ug/ml
17) T n-Tricontane (C30)	17.238	2529936	16.657 ug/ml
18) T n-Dotriacontane (C32)	18.066	2409808	17.103 ug/mlm
19) T n-Tetratriacontane (C34)	18.847	2208219	17.472 ug/ml
20) T n-Hexatriacontane (C36)	19.584	1971937	18.029 ug/ml
21) T n-Octatriacontane (C38)	20.284	1909269	20.501 ug/mlm
22) T n-Tetracontane (C40)	21.020	1935785	23.175 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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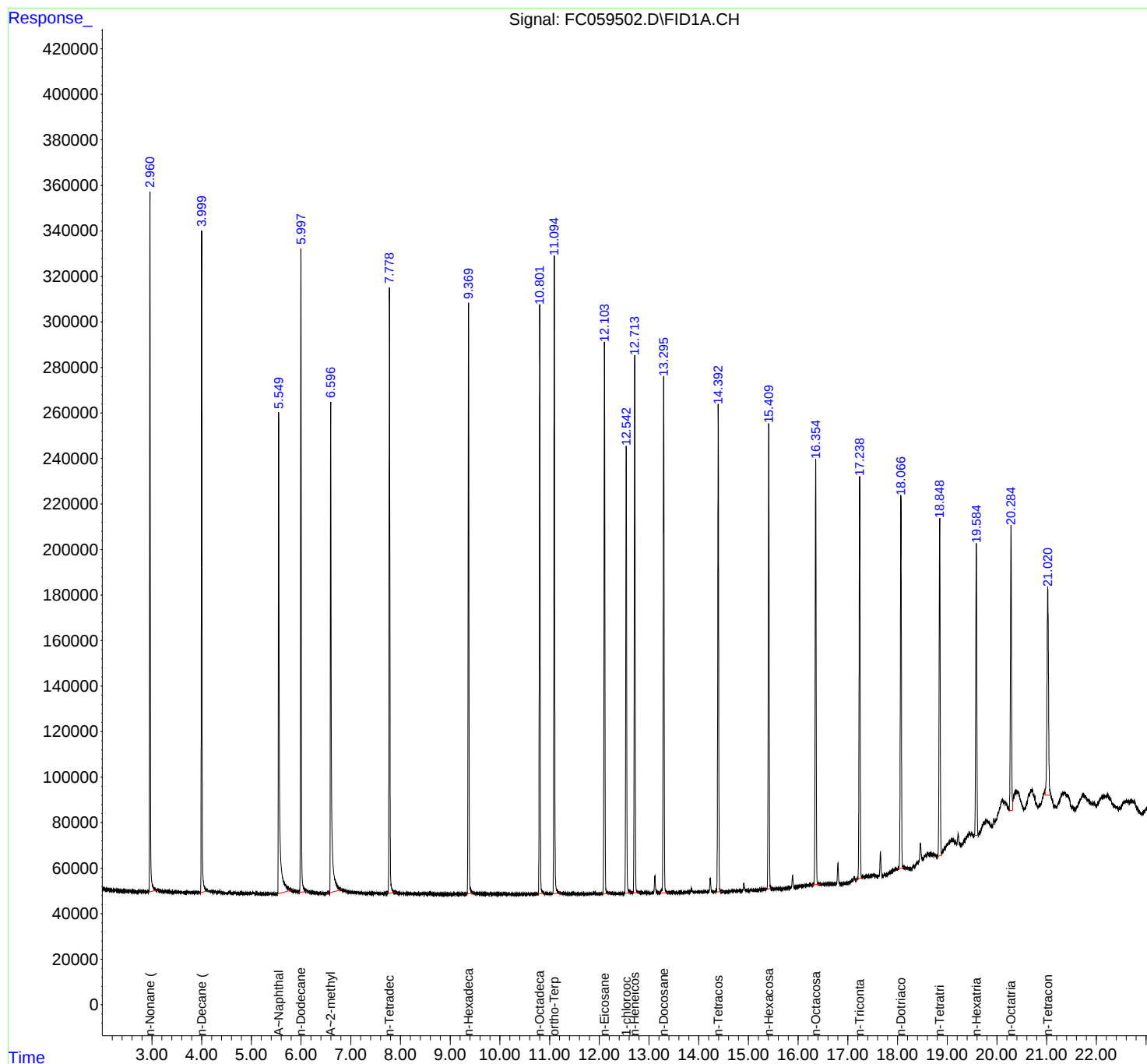
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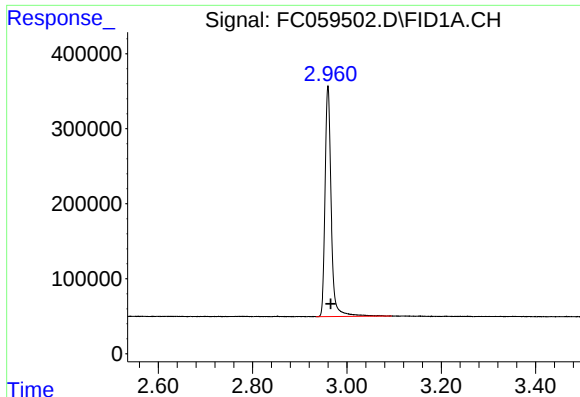
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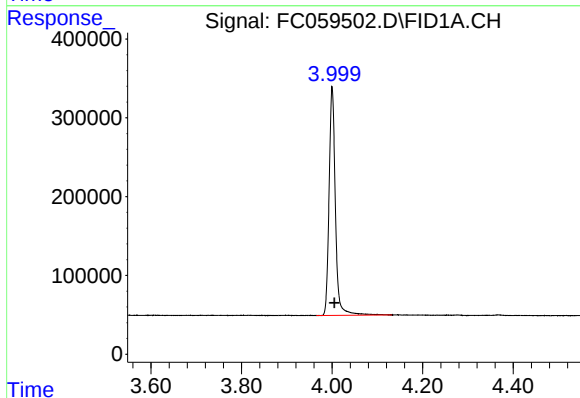
#1 n-Nonane (C9)

R.T.: 2.960 min
Delta R.T.: -0.006 min
Response: 2773740
Conc: 22.13 ug/ml

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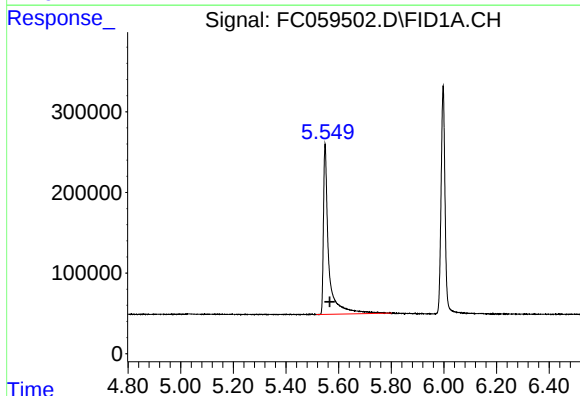
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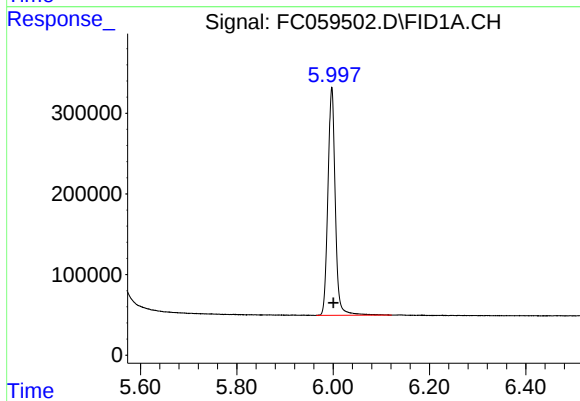
#2 n-Decane (C10)

R.T.: 4.000 min
Delta R.T.: -0.005 min
Response: 2802631
Conc: 22.43 ug/ml



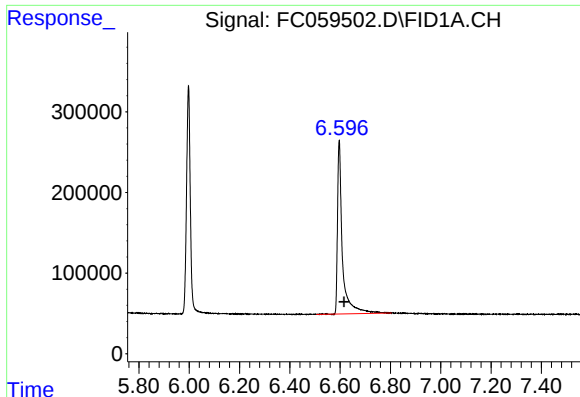
#3 A~Naphthalene (C11.7)

R.T.: 5.549 min
Delta R.T.: -0.018 min
Response: 2954411
Conc: 24.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.997 min
Delta R.T.: -0.004 min
Response: 2963210
Conc: 22.47 ug/ml



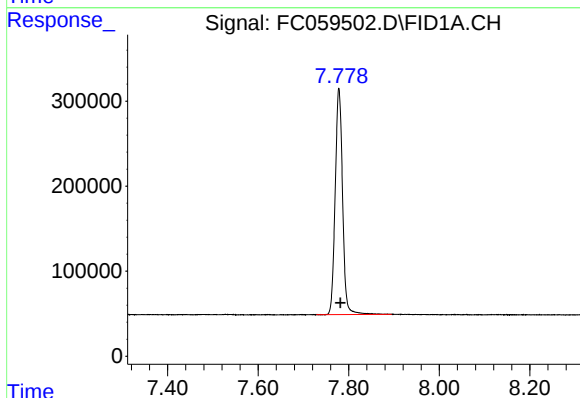
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.597 min
Delta R.T.: -0.019 min
Response: 2950563
Conc: 23.38 ug/ml

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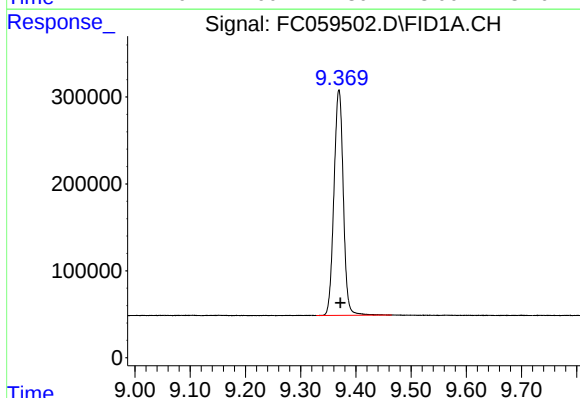
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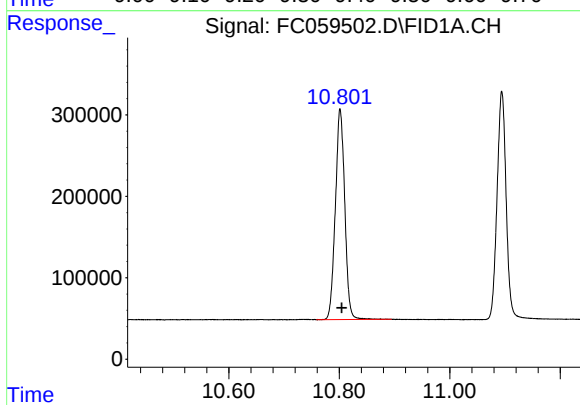
#6 n-Tetradecane (C14)

R.T.: 7.778 min
Delta R.T.: -0.003 min
Response: 3010072
Conc: 22.25 ug/ml



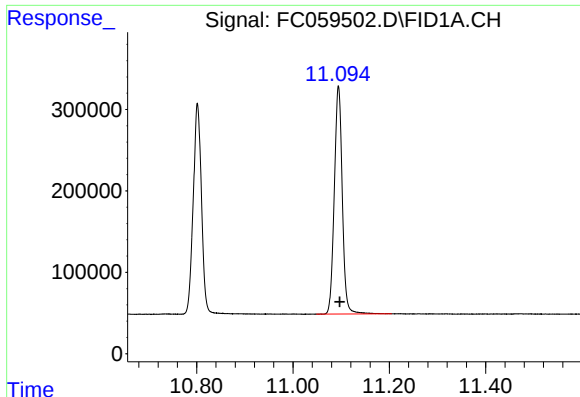
#7 n-Hexadecane (C16)

R.T.: 9.369 min
Delta R.T.: -0.003 min
Response: 3053579
Conc: 21.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.802 min
Delta R.T.: -0.003 min
Response: 3060145
Conc: 20.95 ug/ml



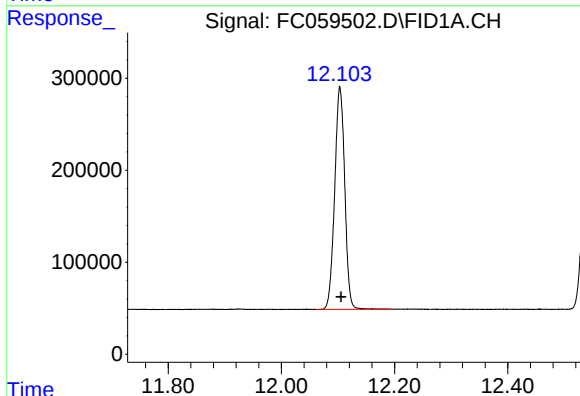
#9 ortho-Terphenyl (SURR)

R.T.: 11.094 min
Delta R.T.: -0.003 min
Response: 3224718
Conc: 20.07 ug/ml

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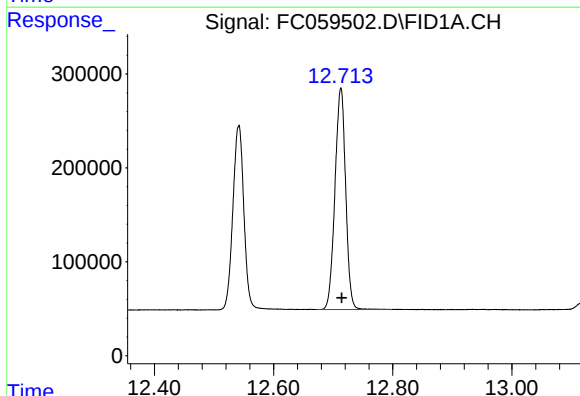
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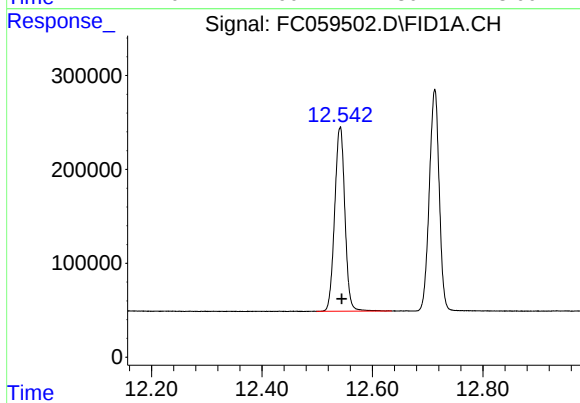
#10 n-Eicosane (C20)

R.T.: 12.104 min
Delta R.T.: -0.002 min
Response: 2983205
Conc: 19.89 ug/ml



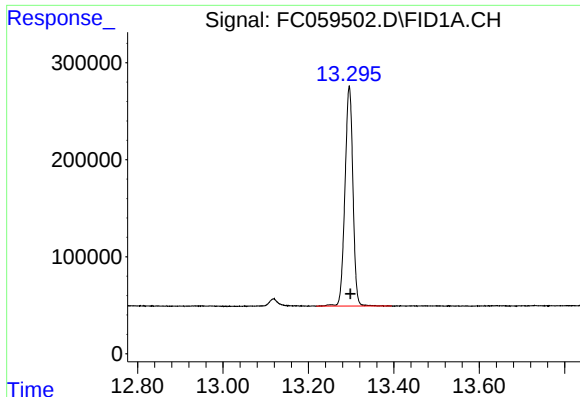
#11 n-Heneicosane (C21)

R.T.: 12.712 min
Delta R.T.: -0.002 min
Response: 2937069
Conc: 19.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.541 min
Delta R.T.: -0.003 min
Response: 2519062
Conc: 19.29 ug/ml



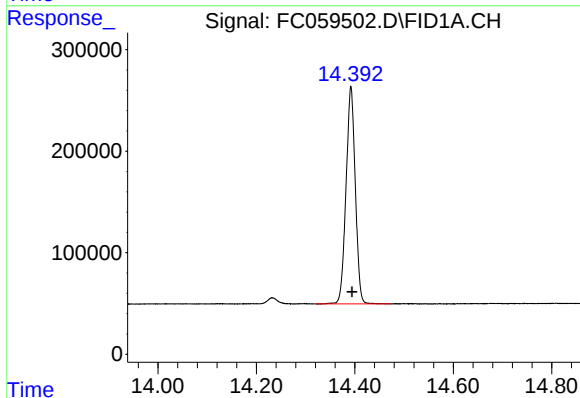
#13 n-Docosane (C22)

R.T.: 13.295 min
Delta R.T.: -0.003 min
Response: 2926966
Conc: 19.10 ug/ml

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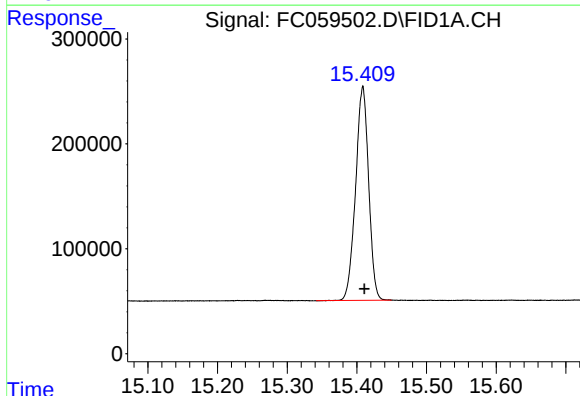
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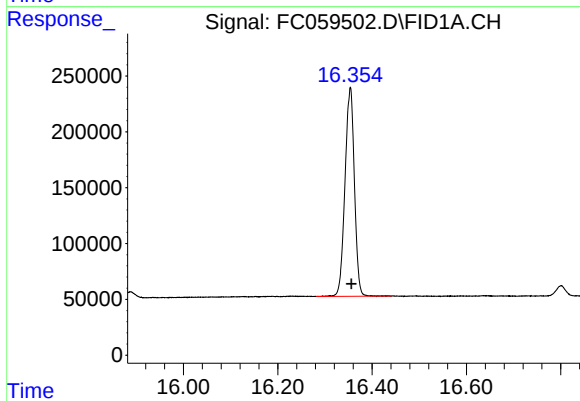
#14 n-Tetracosane (C24)

R.T.: 14.392 min
Delta R.T.: -0.002 min
Response: 2791374
Conc: 18.03 ug/ml



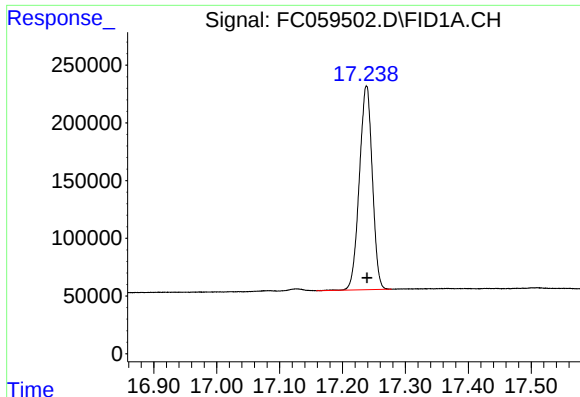
#15 n-Hexacosane (C26)

R.T.: 15.408 min
Delta R.T.: -0.003 min
Response: 2650791
Conc: 17.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.353 min
Delta R.T.: -0.003 min
Response: 2592047
Conc: 16.74 ug/ml



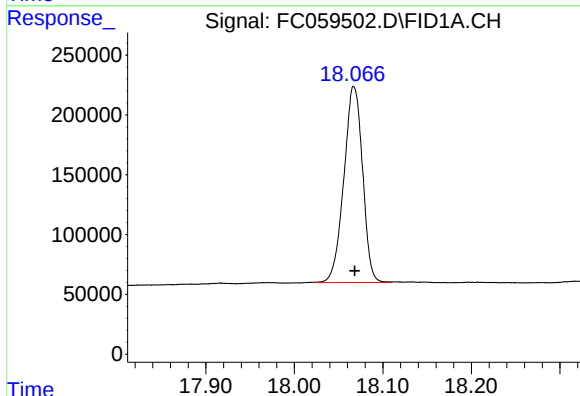
#17 n-Tricontane (C30)

R.T.: 17.238 min
Delta R.T.: -0.001 min
Response: 2529936
Conc: 16.66 ug/ml

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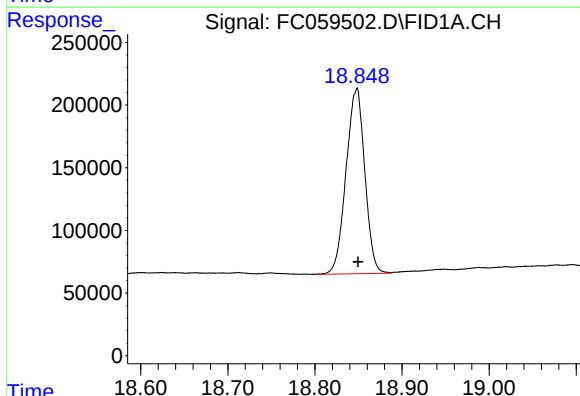
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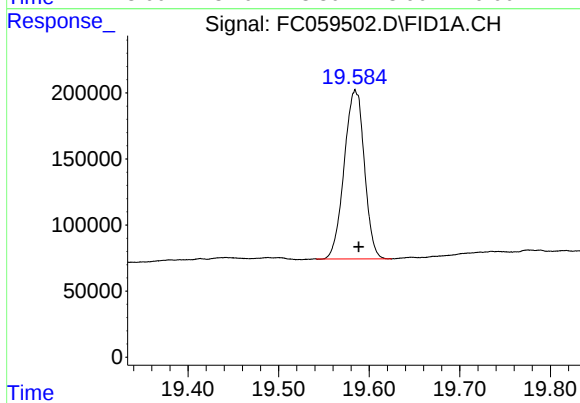
#18 n-Dotriacontane (C32)

R.T.: 18.066 min
Delta R.T.: -0.002 min
Response: 2409808
Conc: 17.10 ug/ml m



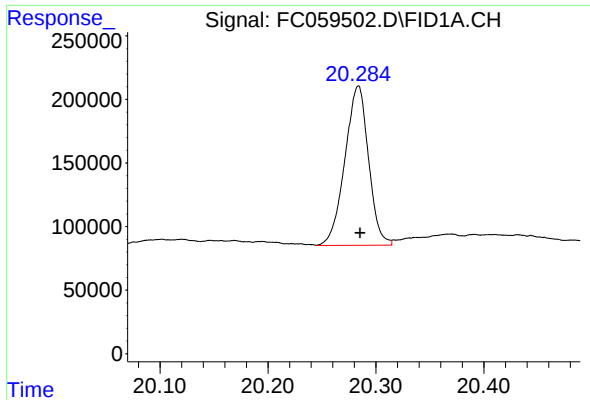
#19 n-Tetratriacontane (C34)

R.T.: 18.847 min
Delta R.T.: -0.002 min
Response: 2208219
Conc: 17.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.584 min
Delta R.T.: -0.004 min
Response: 1971937
Conc: 18.03 ug/ml



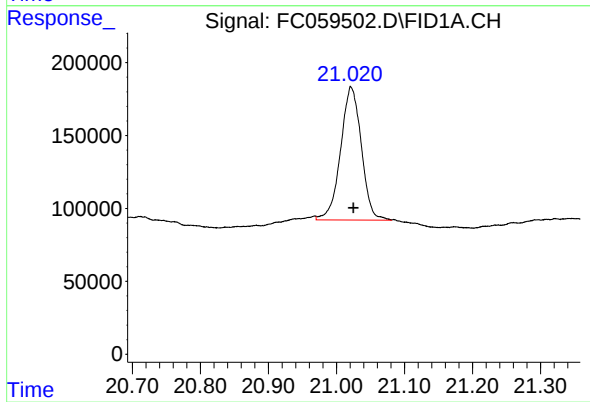
#21 n-Octatriacontane (C38)

R.T.: 20.284 min
Delta R.T.: -0.001 min
Response: 1909269
Conc: 20.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.020 min
Delta R.T.: -0.004 min
Response: 1935785
Conc: 23.18 ug/ml m