

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042522AL\
 Data File : FC059425.D
 Signal(s) : FID1A.CH
 Acq On : 26 Apr 2022 4:51
 Operator : UA/NP
 Sample : N2548-07MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-9MSD

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 06:10:59 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)	11.100	5713980	35.559 ug/ml
Spiked Amount 50.000		Recovery =	71.12%
12) S 1-chlorooctadecane (S...	12.546	4630056	35.457 ug/ml
Spiked Amount 50.000		Recovery =	70.91%
Target Compounds			
1) T n-Nonane (C9)	2.969	4603286	36.729 ug/ml
2) T n-Decane (C10)	4.008	5292237	42.360 ug/ml
3) T A~Naphthalene (C11.7)	5.551	6288671	51.266 ug/ml
4) T n-Dodecane (C12)	6.001	6098341	46.246 ug/ml
5) T A~2-methylnaphthalene...	6.599	6624441	52.489 ug/ml
6) T n-Tetradecane (C14)	7.785	6603492	48.819 ug/ml
7) T n-Hexadecane (C16)	9.374	6854049	48.803 ug/ml
8) T n-Octadecane (C18)	10.808	7239411	49.559 ug/ml
10) T n-Eicosane (C20)	12.113	7000348	46.678 ug/mlm
11) T n-Heneicosane (C21)	12.719	6871324	45.173 ug/ml
13) T n-Docosane (C22)	13.303	6794084	44.341 ug/ml
14) T n-Tetracosane (C24)	14.400	7166501	46.283 ug/ml
15) T n-Hexacosane (C26)	15.418	6162199	39.983 ug/ml
16) T n-Octacosane (C28)	16.361	5922208	38.256 ug/ml
17) T n-Tricontane (C30)	17.249	5411075	35.625 ug/mlm
18) T n-Dotriacontane (C32)	18.075	5344847	37.933 ug/ml
19) T n-Tetratriacontane (C34)	18.856	4905772	38.815 ug/ml
20) T n-Hexatriacontane (C36)	19.593	4689013	42.870 ug/ml
21) T n-Octatriacontane (C38)	20.292	4562341	48.988 ug/ml
22) T n-Tetracontane (C40)	21.035	4504101	53.923 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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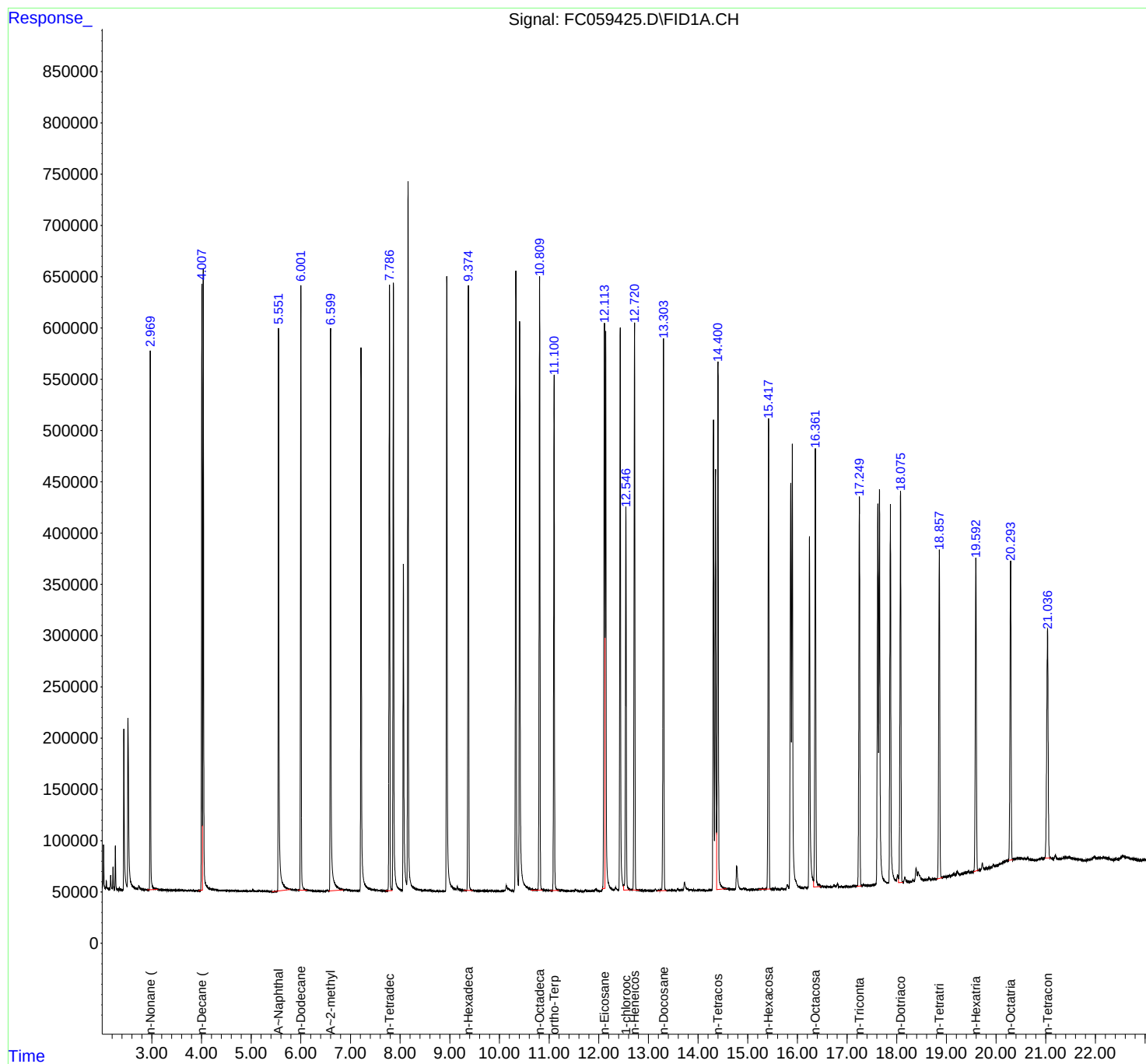
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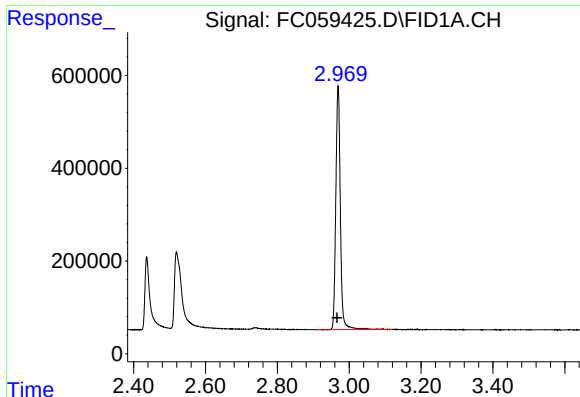
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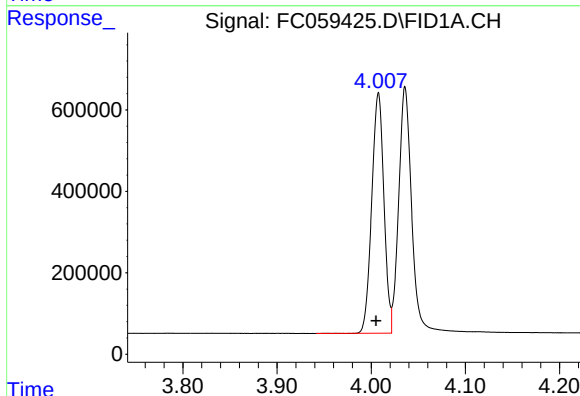
#1 n-Nonane (C9)

R.T.: 2.969 min
Delta R.T.: 0.003 min
Response: 4603286
Conc: 36.73 ug/ml

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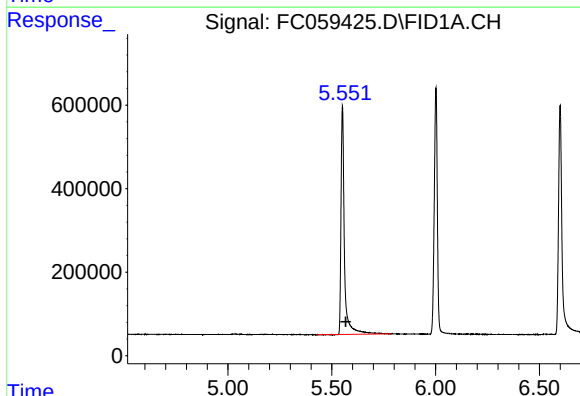
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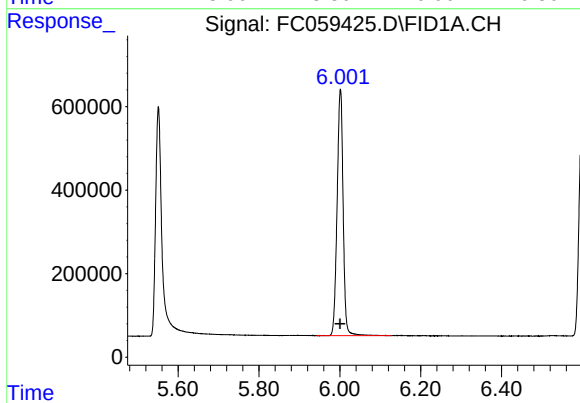
#2 n-Decane (C10)

R.T.: 4.008 min
Delta R.T.: 0.002 min
Response: 5292237
Conc: 42.36 ug/ml



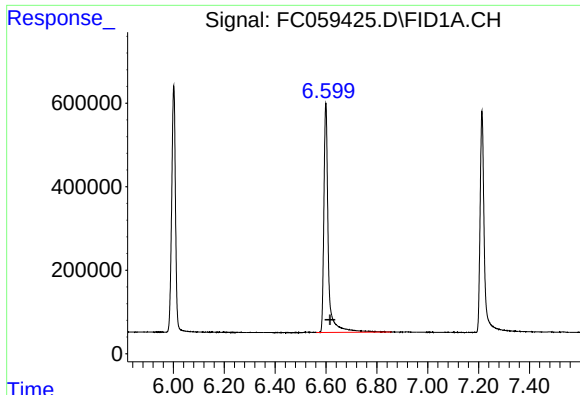
#3 A~Naphthalene (C11.7)

R.T.: 5.551 min
Delta R.T.: -0.016 min
Response: 6288671
Conc: 51.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 6098341
Conc: 46.25 ug/ml



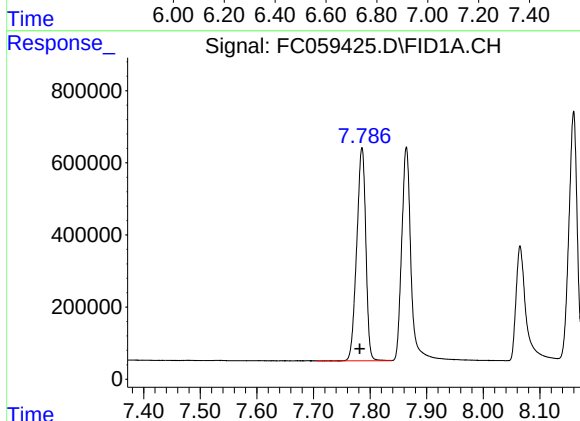
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 6624441
Conc: 52.49 ug/ml

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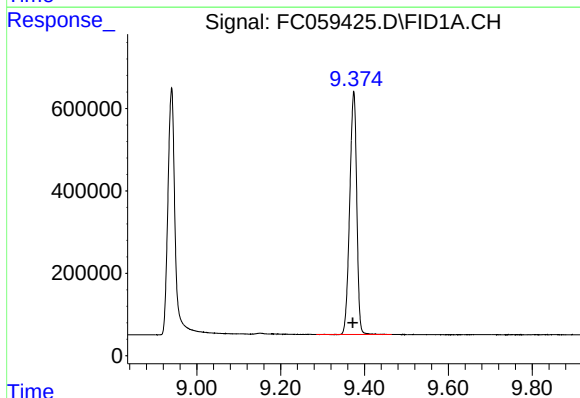
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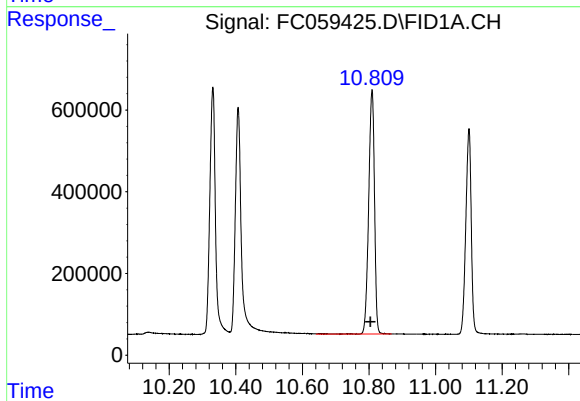
#6 n-Tetradecane (C14)

R.T.: 7.785 min
Delta R.T.: 0.004 min
Response: 6603492
Conc: 48.82 ug/ml



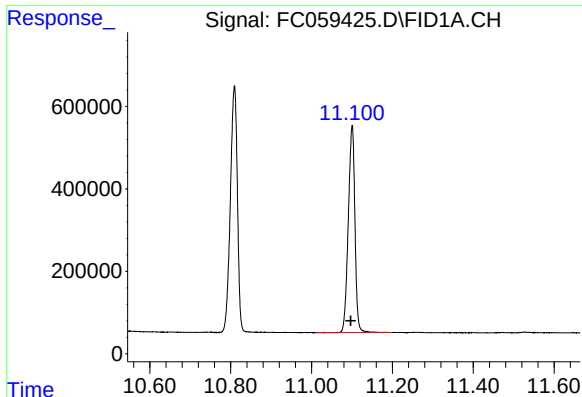
#7 n-Hexadecane (C16)

R.T.: 9.374 min
Delta R.T.: 0.002 min
Response: 6854049
Conc: 48.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.808 min
Delta R.T.: 0.004 min
Response: 7239411
Conc: 49.56 ug/ml



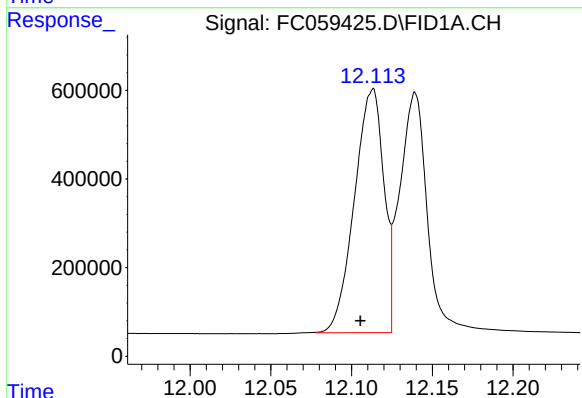
#9 ortho-Terphenyl (SURR)

R.T.: 11.100 min
Delta R.T.: 0.002 min
Response: 5713980
Conc: 35.56 ug/ml

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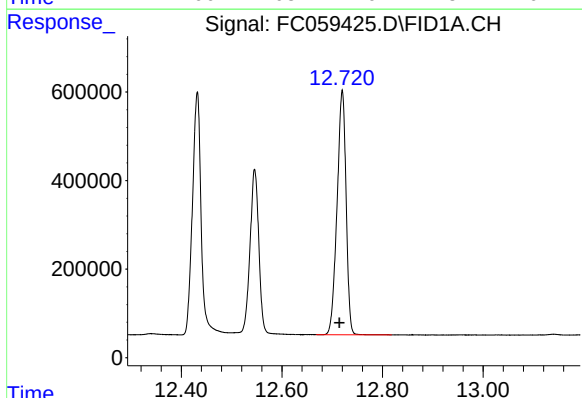
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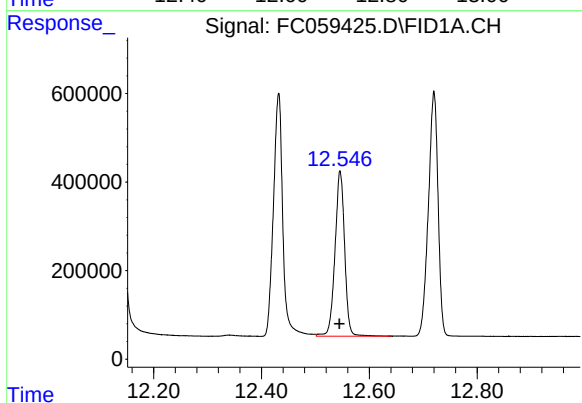
#10 n-Eicosane (C20)

R.T.: 12.113 min
Delta R.T.: 0.008 min
Response: 7000348
Conc: 46.68 ug/ml m



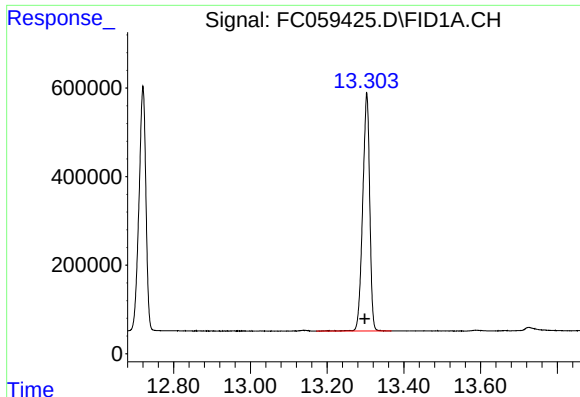
#11 n-Heneicosane (C21)

R.T.: 12.719 min
Delta R.T.: 0.005 min
Response: 6871324
Conc: 45.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.546 min
Delta R.T.: 0.001 min
Response: 4630056
Conc: 35.46 ug/ml



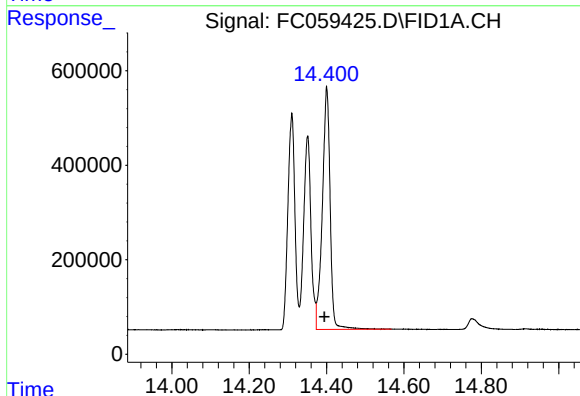
#13 n-Docosane (C22)

R.T.: 13.303 min
Delta R.T.: 0.004 min
Response: 6794084
Conc: 44.34 ug/ml

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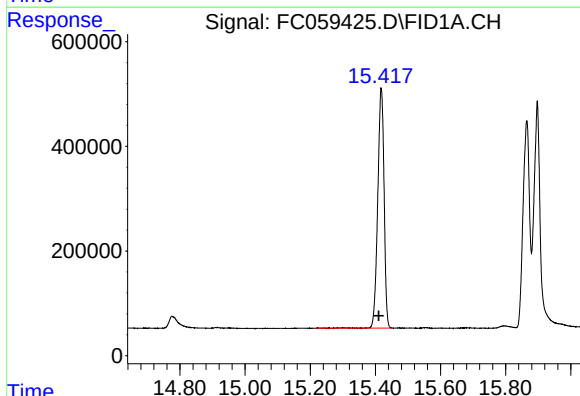
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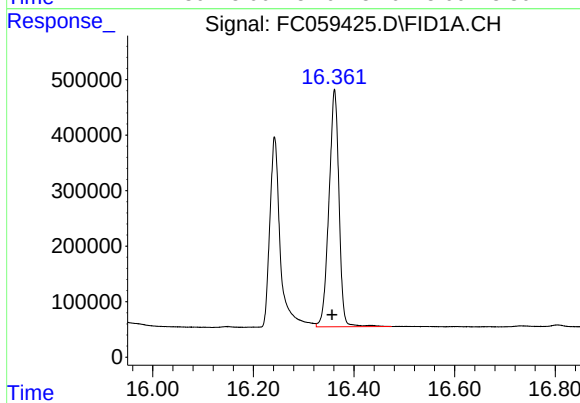
#14 n-Tetracosane (C24)

R.T.: 14.400 min
Delta R.T.: 0.006 min
Response: 7166501
Conc: 46.28 ug/ml



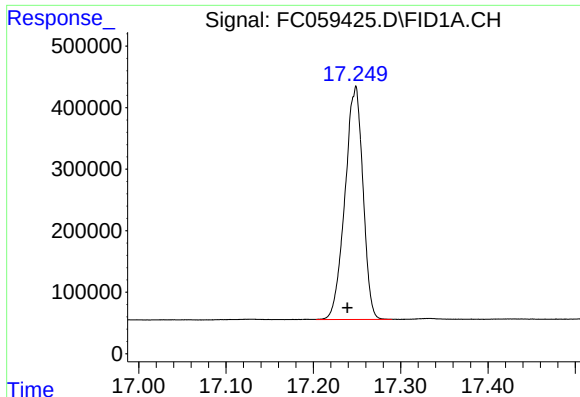
#15 n-Hexacosane (C26)

R.T.: 15.418 min
Delta R.T.: 0.007 min
Response: 6162199
Conc: 39.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.361 min
Delta R.T.: 0.005 min
Response: 5922208
Conc: 38.26 ug/ml



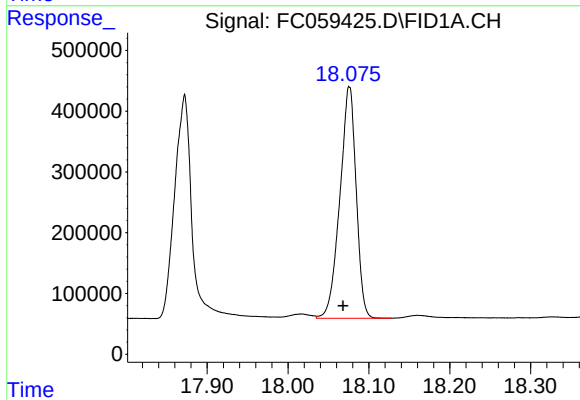
#17 n-Tricontane (C30)

R.T.: 17.249 min
Delta R.T.: 0.009 min
Response: 5411075
Conc: 35.63 ug/ml

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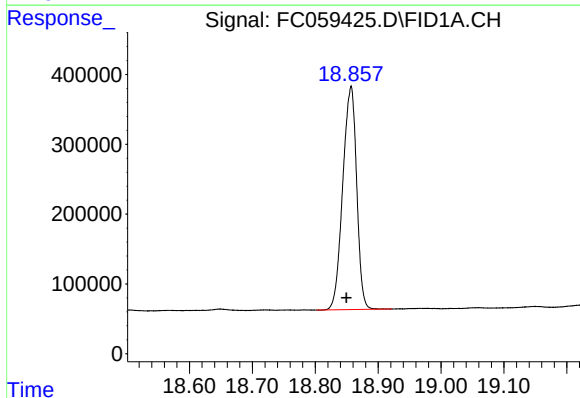
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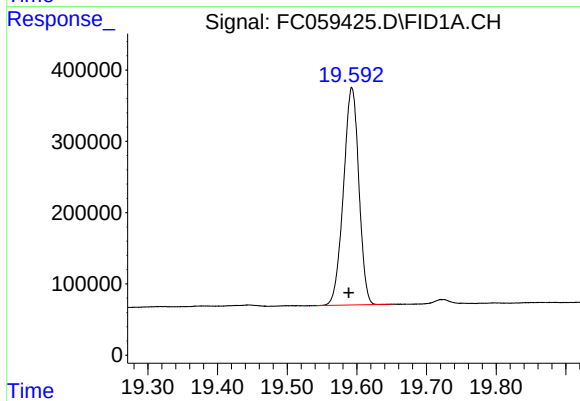
#18 n-Dotriacontane (C32)

R.T.: 18.075 min
Delta R.T.: 0.007 min
Response: 5344847
Conc: 37.93 ug/ml



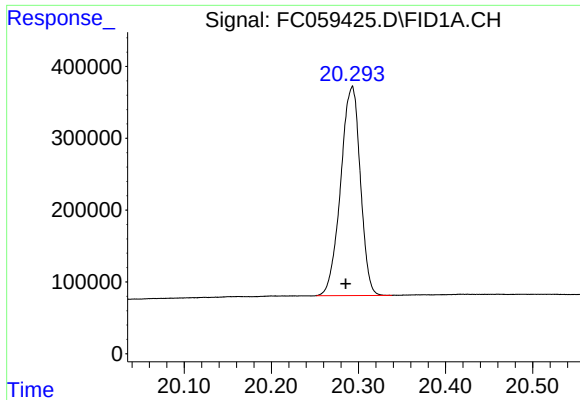
#19 n-Tetratriacontane (C34)

R.T.: 18.856 min
Delta R.T.: 0.006 min
Response: 4905772
Conc: 38.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.593 min
Delta R.T.: 0.004 min
Response: 4689013
Conc: 42.87 ug/ml



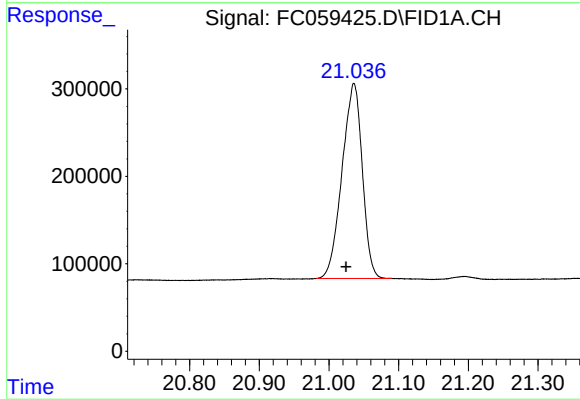
#21 n-Octatriacontane (C38)

R.T.: 20.292 min
Delta R.T.: 0.006 min
Response: 4562341
Conc: 48.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.035 min
Delta R.T.: 0.010 min
Response: 4504101
Conc: 53.92 ug/ml