

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060421AL\
 Data File : FC054026.D
 Signal(s) : FID1A.CH
 Acq On : 05 Jun 2021 11:43
 Operator : DD\AJ
 Sample : M2584-04MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EO-03-060221-EPH-2MSD

Manual Integrations
 APPROVED

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 6/8/2021 8:49:12 AM

Integration File: autoint1.e
 Quant Time: Jun 07 03:07:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 052721.M
 Quant Title : GC Extractables
 QLast Update : Fri May 28 09:04:47 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)	11.374	5307233	38.011 ug/ml
Spiked Amount 50.000		Recovery =	76.02%
12) S 1-chlorooctadecane (S...	12.817	4188377	37.357 ug/ml
Spiked Amount 50.000		Recovery =	74.71%
Target Compounds			
1) T n-Nonane (C9)	3.161	2712379	22.958 ug/ml
2) T n-Decane (C10)	4.222	3327750	27.920 ug/ml
3) T A~Naphthalene (C11.7)	5.793	4217236	32.245 ug/ml
4) T n-Dodecane (C12)	6.234	4237435	34.517 ug/ml
5) T A~2-methylnaphthalene...	6.849	4818500	36.096 ug/ml
6) T n-Tetradecane (C14)	8.029	4586186	36.973 ug/ml
7) T n-Hexadecane (C16)	9.626	4698420	37.710 ug/ml
8) T n-Octadecane (C18)	11.067	4722538	35.854 ug/ml
10) T n-Eicosane (C20)	12.375	4755543	35.479 ug/ml
11) T n-Heneicosane (C21)	12.987	4472606	33.347 ug/ml
13) T n-Docosane (C22)	13.573	4476509	33.306 ug/ml
14) T n-Tetracosane (C24)	14.650	4772252	35.543 ug/ml
15) T n-Hexacosane (C26)	15.698	4150187	31.313 ug/ml
16) T n-Octacosane (C28)	16.647	4219754	31.958 ug/ml
17) T n-Tricontane (C30)	17.536	4091657	31.205 ug/ml
18) T n-Dotriacontane (C32)	18.367	4036257	31.289 ug/ml
19) T n-Tetratriacontane (C34)	19.151	3973527	32.571 ug/mlm
20) T n-Hexatriacontane (C36)	19.891	3921497	34.735 ug/mlm
21) T n-Octatriacontane (C38)	20.603	3804751	37.734 ug/mlm
22) T n-Tetracontane (C40)	21.444	3766515	37.321 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : M2584-04MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

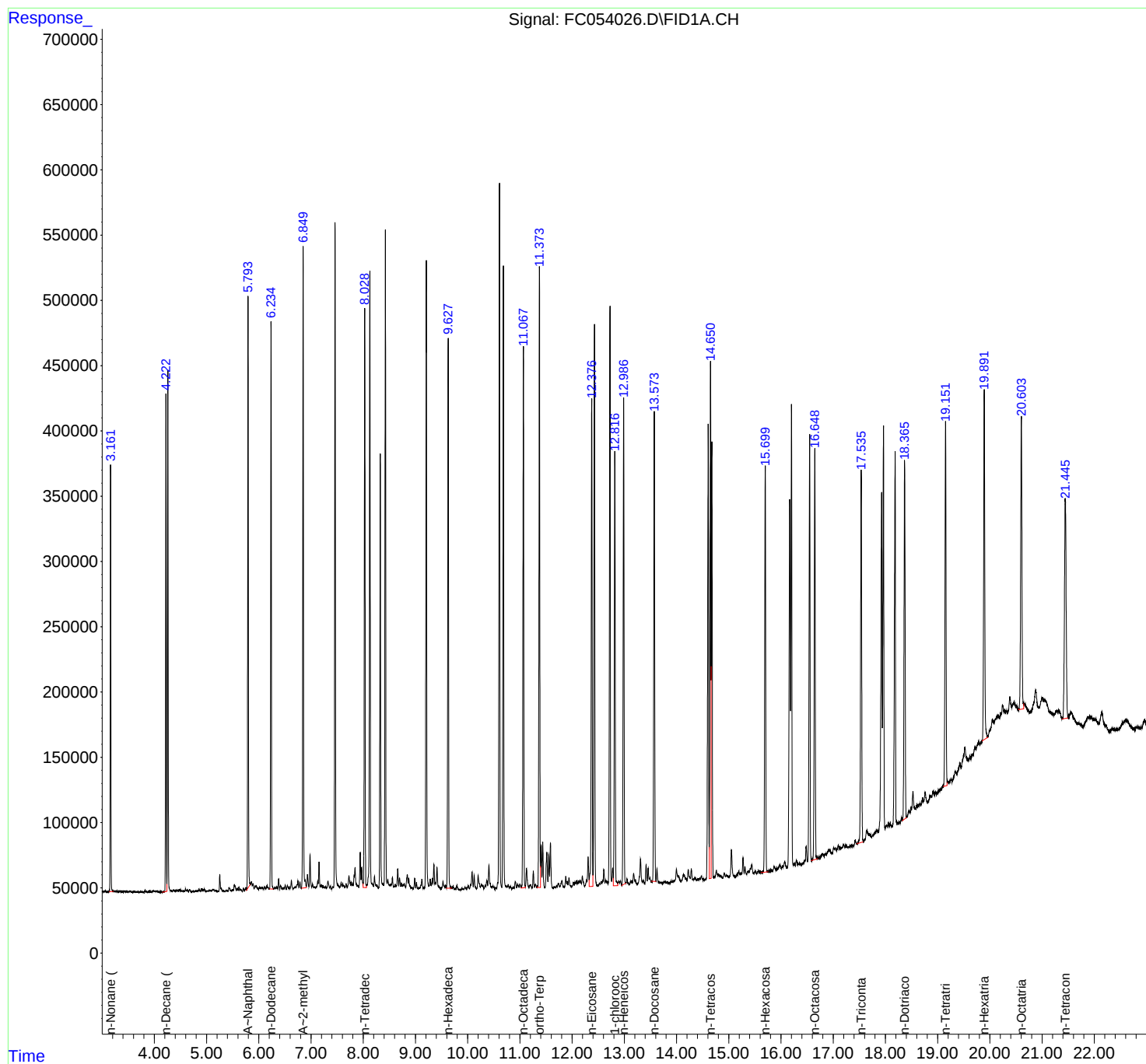
Instrument :
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EO-03-060221-EPH-2MSD

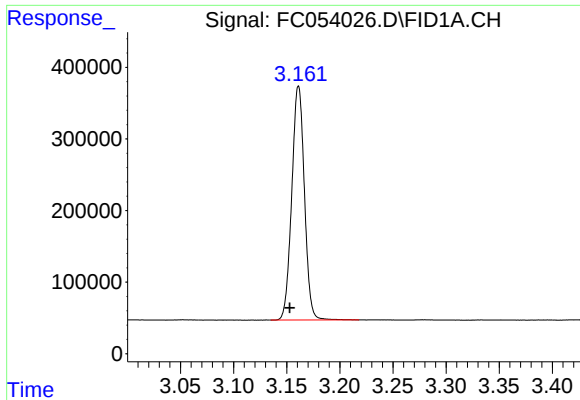
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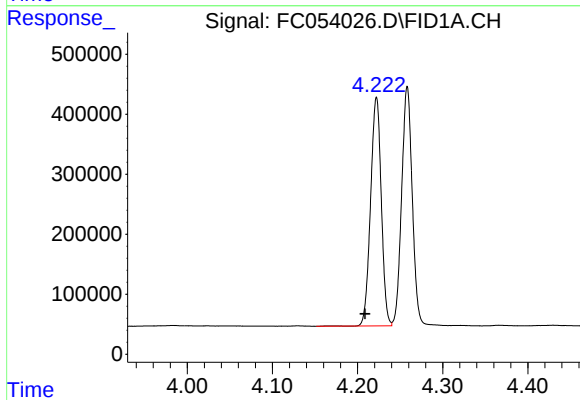
#1 n-Nonane (C9)

R.T.: 3.161 min
Delta R.T.: 0.008 min
Response: 2712379
Conc: 22.96 ug/ml

Instrument :
FID_C
ClientSampleId :
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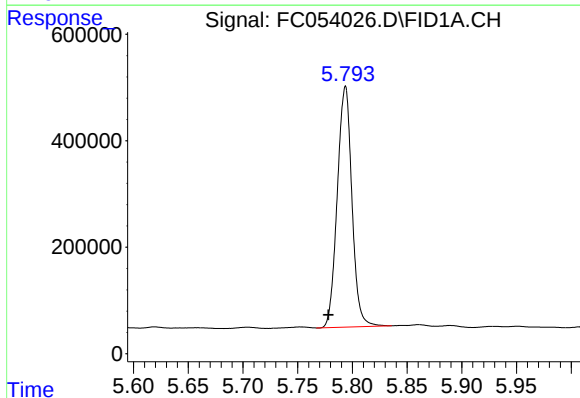
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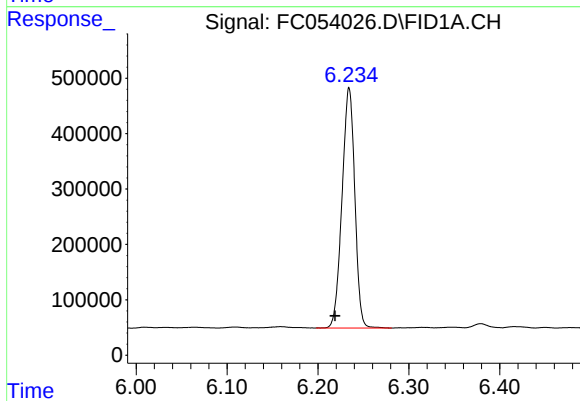
#2 n-Decane (C10)

R.T.: 4.222 min
Delta R.T.: 0.013 min
Response: 3327750
Conc: 27.92 ug/ml



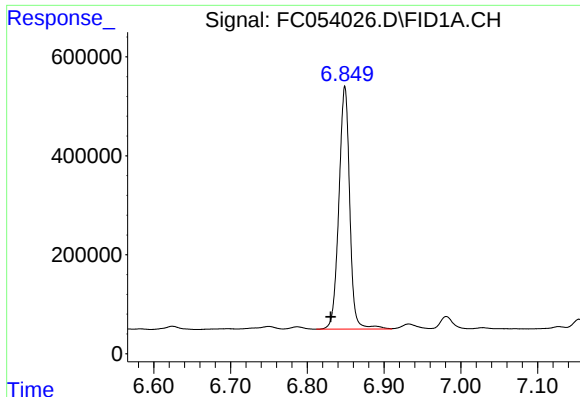
#3 A~Naphthalene (C11.7)

R.T.: 5.793 min
Delta R.T.: 0.015 min
Response: 4217236
Conc: 32.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.234 min
Delta R.T.: 0.015 min
Response: 4237435
Conc: 34.52 ug/ml



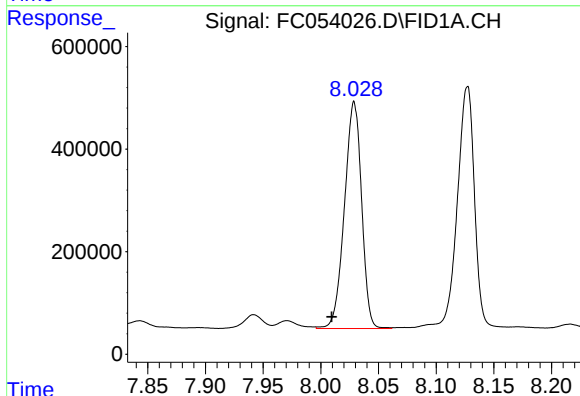
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: 0.018 min
Response: 4818500
Conc: 36.10 ug/ml

Instrument :
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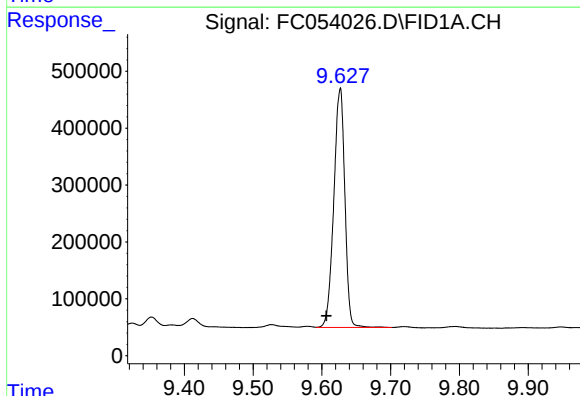
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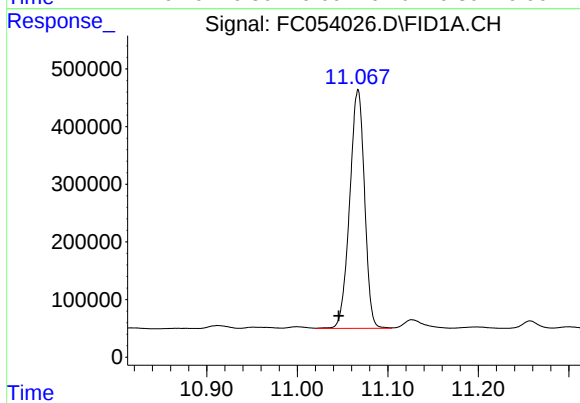
#6 n-Tetradecane (C14)

R.T.: 8.029 min
Delta R.T.: 0.019 min
Response: 4586186
Conc: 36.97 ug/ml



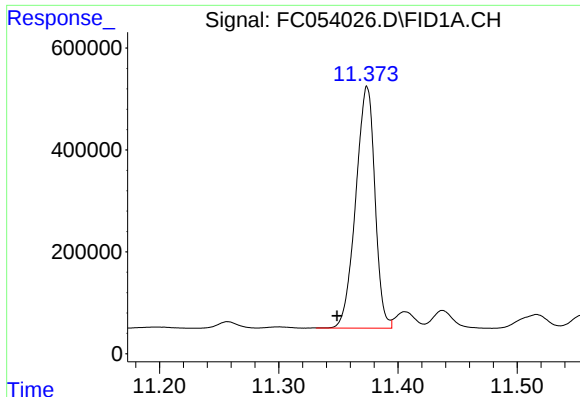
#7 n-Hexadecane (C16)

R.T.: 9.626 min
Delta R.T.: 0.019 min
Response: 4698420
Conc: 37.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.067 min
Delta R.T.: 0.021 min
Response: 4722538
Conc: 35.85 ug/ml



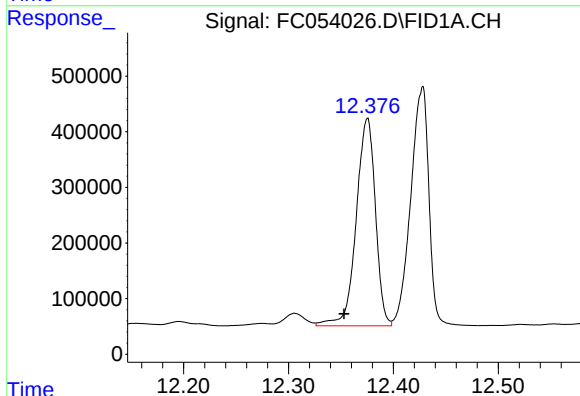
#9 ortho-Terphenyl (SURR)

R.T.: 11.374 min
Delta R.T.: 0.025 min
Response: 5307233
Conc: 38.01 ug/ml

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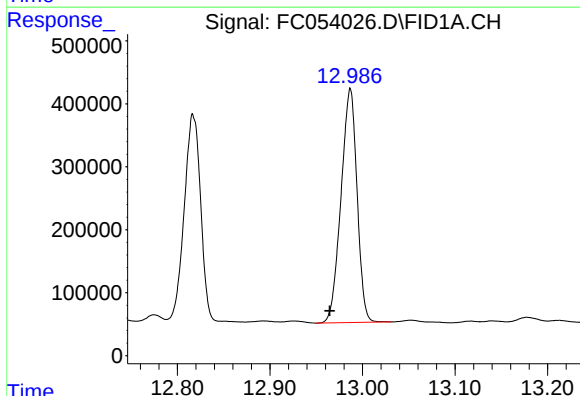
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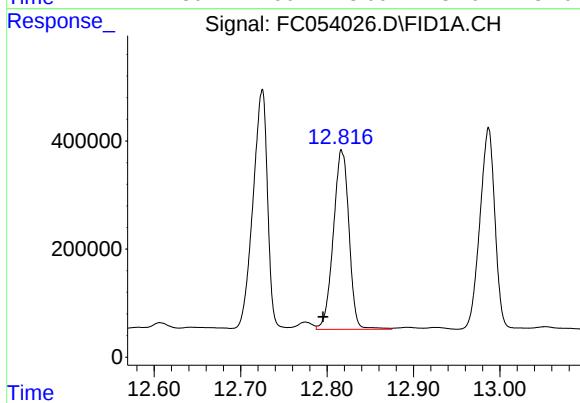
#10 n-Eicosane (C20)

R.T.: 12.375 min
Delta R.T.: 0.022 min
Response: 4755543
Conc: 35.48 ug/ml



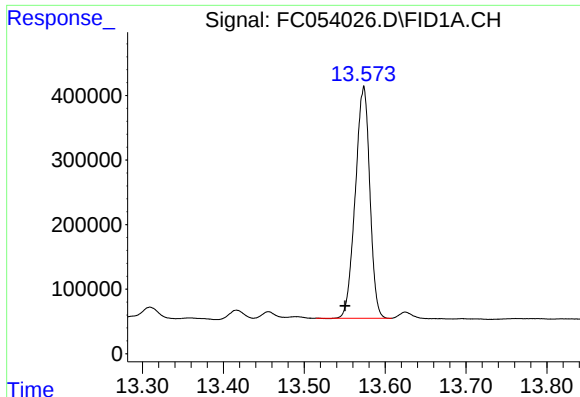
#11 n-Heneicosane (C21)

R.T.: 12.987 min
Delta R.T.: 0.022 min
Response: 4472606
Conc: 33.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.817 min
Delta R.T.: 0.022 min
Response: 4188377
Conc: 37.36 ug/ml



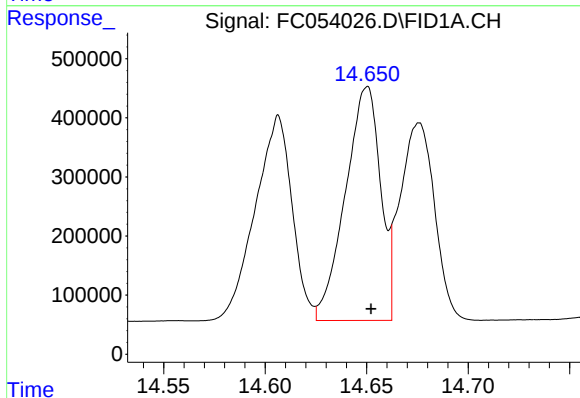
#13 n-Docosane (C22)

R.T.: 13.573 min
Delta R.T.: 0.023 min
Response: 4476509
Conc: 33.31 ug/ml

Instrument :
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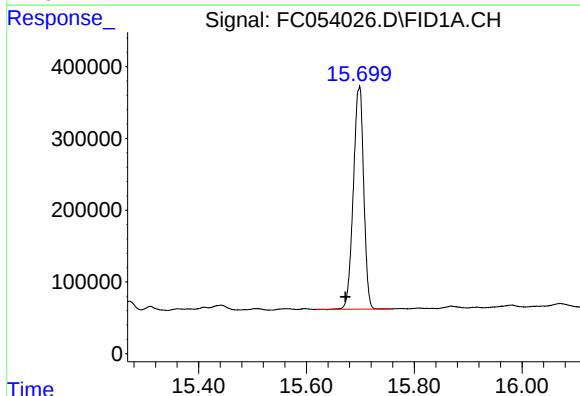
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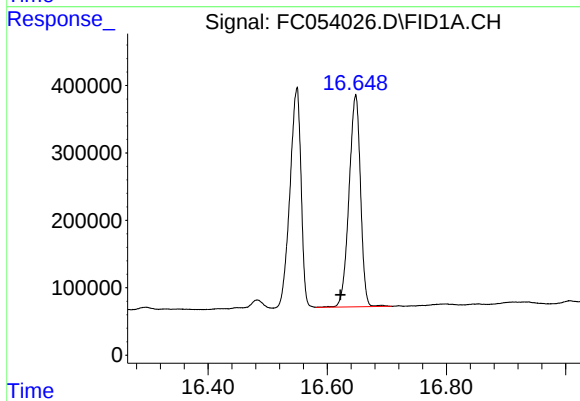
#14 n-Tetracosane (C24)

R.T.: 14.650 min
Delta R.T.: -0.002 min
Response: 4772252
Conc: 35.54 ug/ml



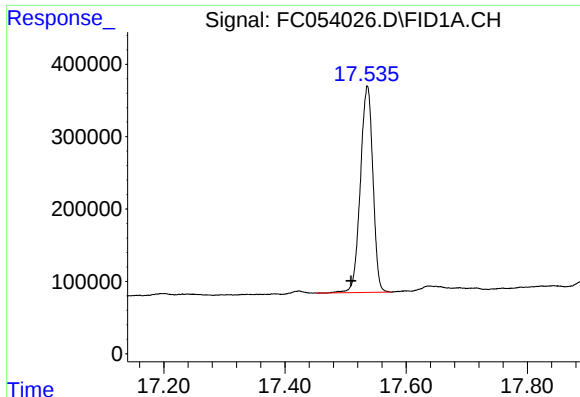
#15 n-Hexacosane (C26)

R.T.: 15.698 min
Delta R.T.: 0.025 min
Response: 4150187
Conc: 31.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.647 min
Delta R.T.: 0.025 min
Response: 4219754
Conc: 31.96 ug/ml



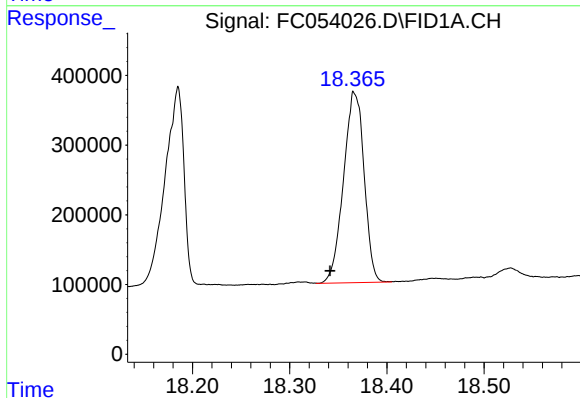
#17 n-Tricontane (C30)

R.T.: 17.536 min
Delta R.T.: 0.027 min
Response: 4091657
Conc: 31.21 ug/ml

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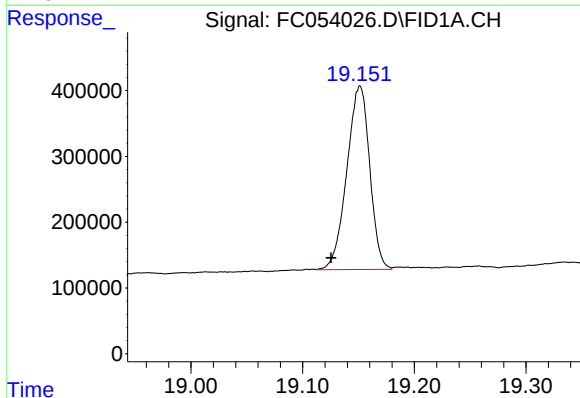
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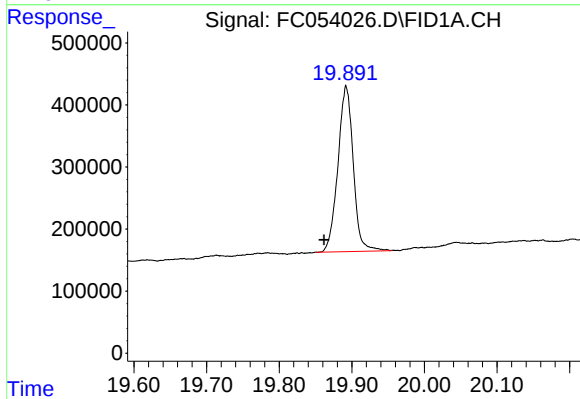
#18 n-Dotriacontane (C32)

R.T.: 18.367 min
Delta R.T.: 0.026 min
Response: 4036257
Conc: 31.29 ug/ml



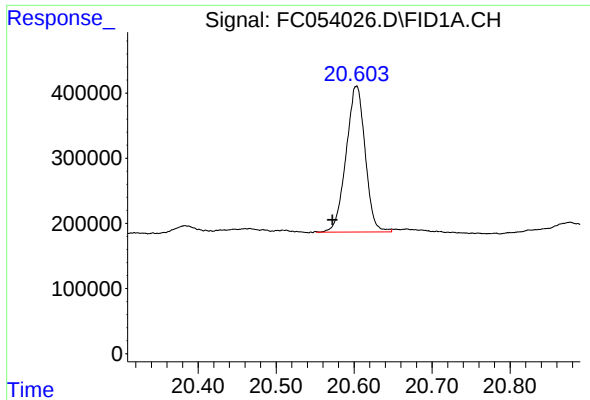
#19 n-Tetratriacontane (C34)

R.T.: 19.151 min
Delta R.T.: 0.025 min
Response: 3973527
Conc: 32.57 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.891 min
Delta R.T.: 0.030 min
Response: 3921497
Conc: 34.73 ug/ml m



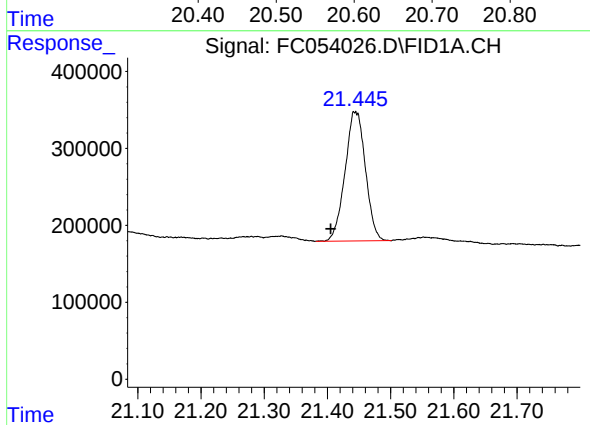
#21 n-Octatriacontane (C38)

R.T.: 20.603 min
Delta R.T.: 0.031 min
Response: 3804751
Conc: 37.73 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.444 min
Delta R.T.: 0.039 min
Response: 3766515
Conc: 37.32 ug/ml