

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022122AL\
 Data File : FC058406.D
 Signal(s) : FID1A.CH
 Acq On : 21 Feb 2022 23:28
 Operator : YP\AJ
 Sample : N1610-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TR-05-021822MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/22/2022
 Supervised By :Ankita Jodhani 02/22/2022

Integration File: autoint1.e
 Quant Time: Feb 22 08:45:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022122.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 21 16:43:36 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)	11.400	55240337	35.893 ug/ml
Spiked Amount 50.000		Recovery =	71.79%
12) S 1-chlorooctadecane (S...	12.903f	465479261	398.656 ug/mlm
Spiked Amount 50.000		Recovery =	797.31%
Target Compounds			
1) T n-Nonane (C9)	3.374	38774222	29.626 ug/ml
2) T n-Decane (C10)	4.347	42452514	32.122 ug/ml
3) T A~Naphthalene (C11.7)	5.858	55638378	38.055 ug/ml
4) T n-Dodecane (C12)	6.290	50267884	37.327 ug/ml
5) T A~2-methylnaphthalene...	6.899	57119130	39.031 ug/ml
6) T n-Tetradecane (C14)	8.077	55909730	41.320 ug/ml
7) T n-Hexadecane (C16)	9.658	62121851	45.512 ug/ml
8) T n-Octadecane (C18)	11.098	66647337	48.487 ug/ml
10) T n-Eicosane (C20)	12.408	76272168	56.016 ug/ml
11) T n-Heneicosane (C21)	12.951	179136665	131.389 ug/ml
13) T n-Docosane (C22)	13.599	66678754	49.079 ug/mlm
14) T n-Tetracosane (C24)	14.692	124171408	92.205 ug/mlm
15) T n-Hexacosane (C26)	15.712	66007021	49.961 ug/ml
16) T n-Octacosane (C28)	16.654	67494548	52.115 ug/ml
17) T n-Tricontane (C30)	17.547	61777940	49.204 ug/mlm
18) T n-Dotriacontane (C32)	18.367	61293715	51.694 ug/ml
19) T n-Tetratriacontane (C34)	19.145	52405698	48.075 ug/ml
20) T n-Hexatriacontane (C36)	19.878	44451052	44.877 ug/ml
21) T n-Octatriacontane (C38)	20.579	30909494	34.993 ug/mlm
22) T n-Tetracontane (C40)	21.402	22458557	29.135 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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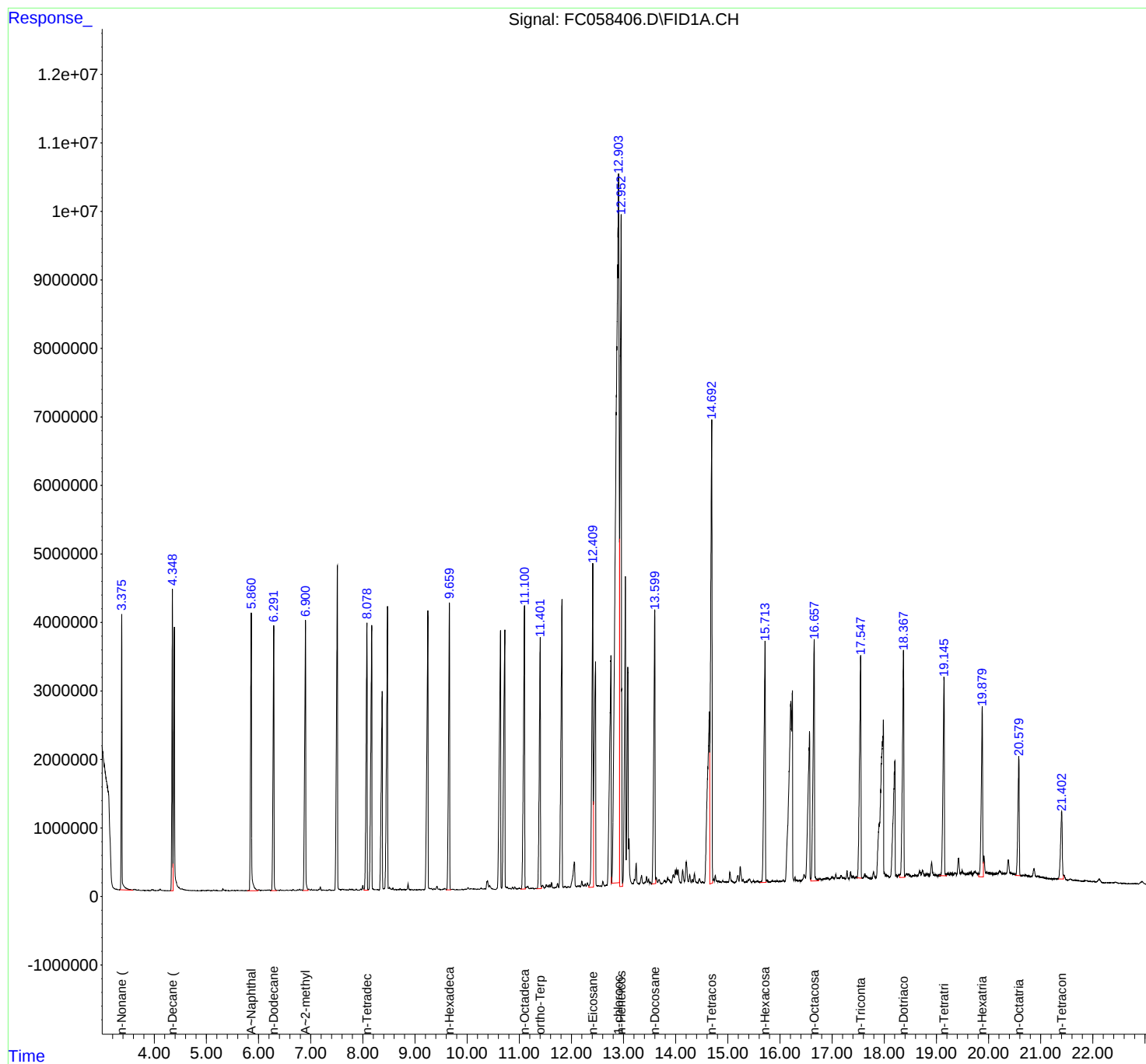
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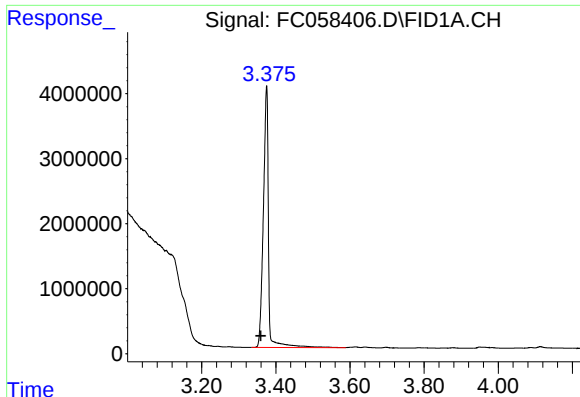
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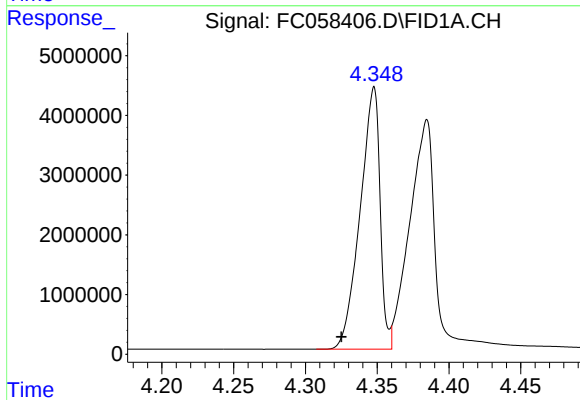
#1 n-Nonane (C9)

R.T.: 3.374 min
Delta R.T.: 0.015 min
Response: 38774222
Conc: 29.63 ug/ml

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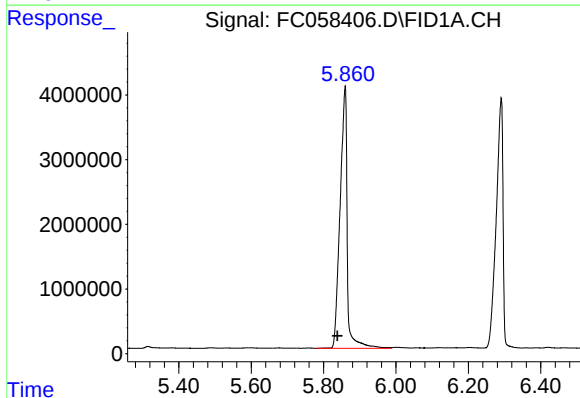
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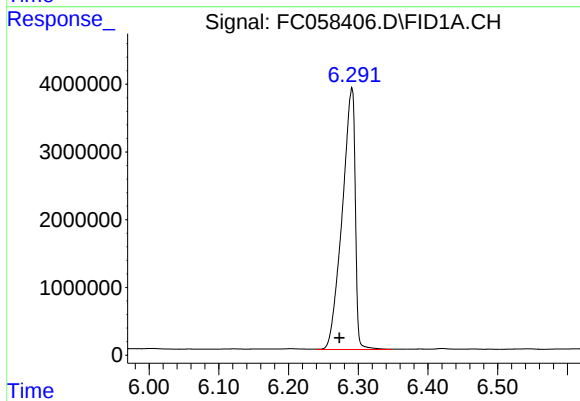
#2 n-Decane (C10)

R.T.: 4.347 min
Delta R.T.: 0.022 min
Response: 42452514
Conc: 32.12 ug/ml



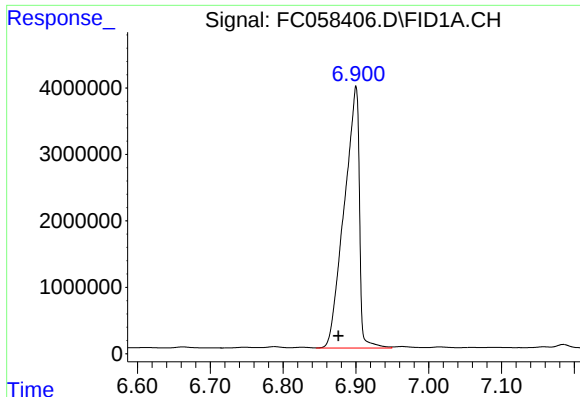
#3 A~Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: 0.019 min
Response: 55638378
Conc: 38.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.290 min
Delta R.T.: 0.017 min
Response: 50267884
Conc: 37.33 ug/ml



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

R.T.: 6.899 min
Delta R.T.: 0.022 min
Response: 57119130
Conc: 39.03 ug/ml

Instrument :

FID_C

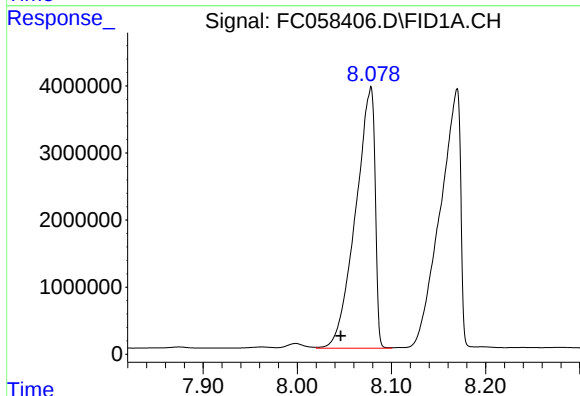
ClientSampleId :

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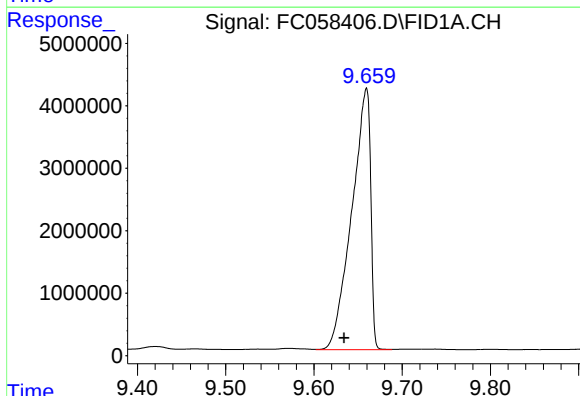
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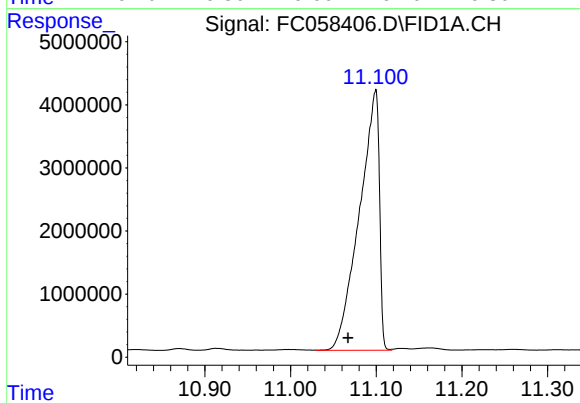
#6 n-Tetradecane (C14)

R.T.: 8.077 min
Delta R.T.: 0.030 min
Response: 55909730
Conc: 41.32 ug/ml



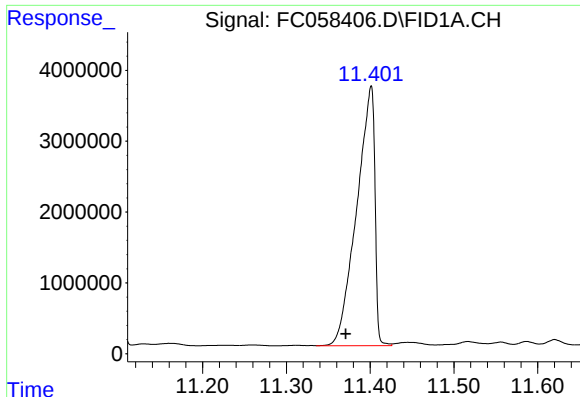
#7 n-Hexadecane (C16)

R.T.: 9.658 min
Delta R.T.: 0.024 min
Response: 62121851
Conc: 45.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.098 min
Delta R.T.: 0.030 min
Response: 66647337
Conc: 48.49 ug/ml



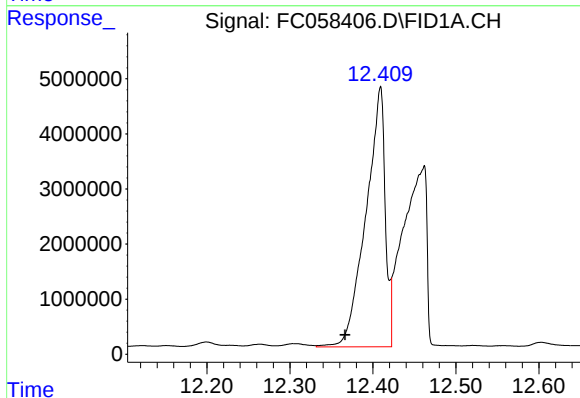
#9 ortho-Terphenyl (SURR)

R.T.: 11.400 min
Delta R.T.: 0.029 min
Response: 55240337
Conc: 35.89 ug/ml

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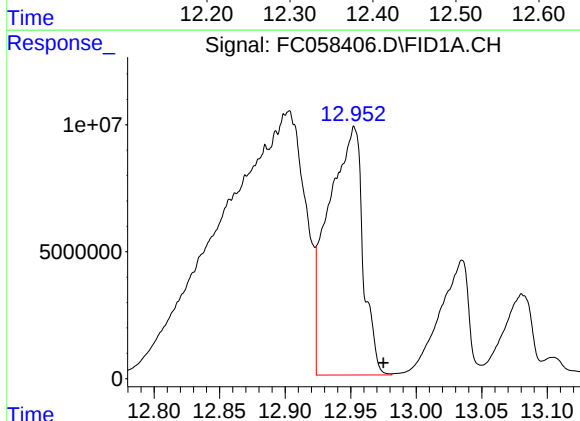
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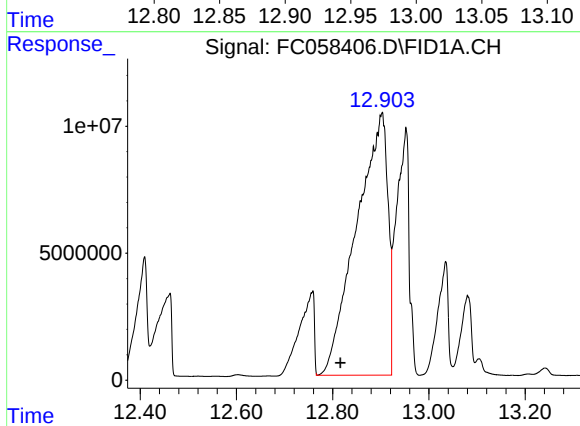
#10 n-Eicosane (C20)

R.T.: 12.408 min
Delta R.T.: 0.041 min
Response: 76272168
Conc: 56.02 ug/ml



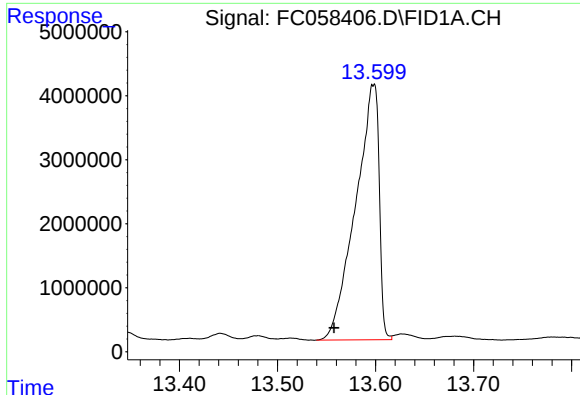
#11 n-Heneicosane (C21)

R.T.: 12.951 min
Delta R.T.: -0.024 min
Response: 179136665
Conc: 131.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.903 min
Delta R.T.: 0.087 min
Response: 465479261
Conc: 398.66 ug/ml m



#13 n-Docosane (C22)

R.T.: 13.599 min
Delta R.T.: 0.041 min
Response: 66678754
Conc: 49.08 ug/ml

Instrument :

FID_C

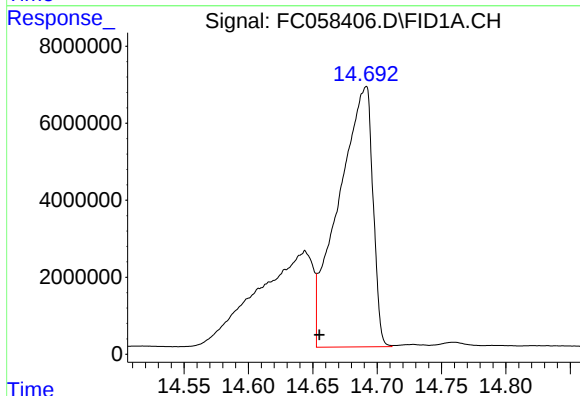
ClientSampleId :

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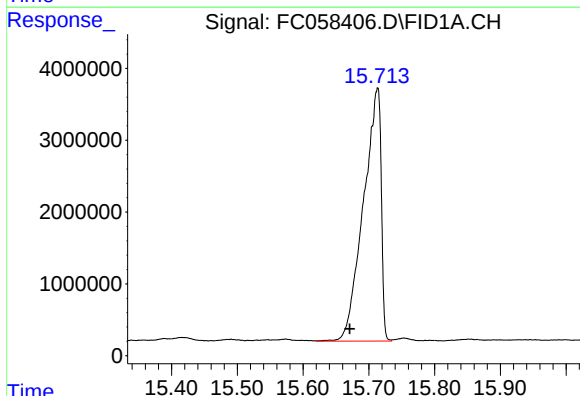
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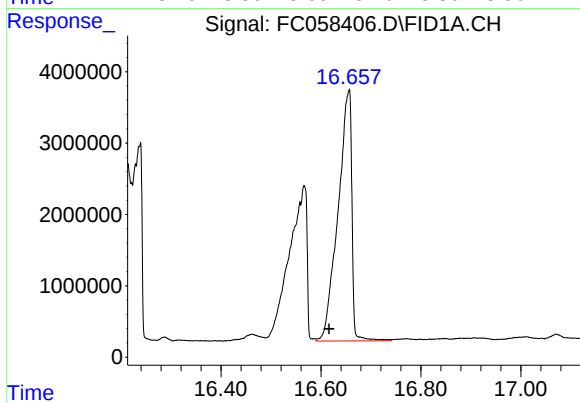
#14 n-Tetracosane (C24)

R.T.: 14.692 min
Delta R.T.: 0.036 min
Response: 124171408
Conc: 92.20 ug/ml m



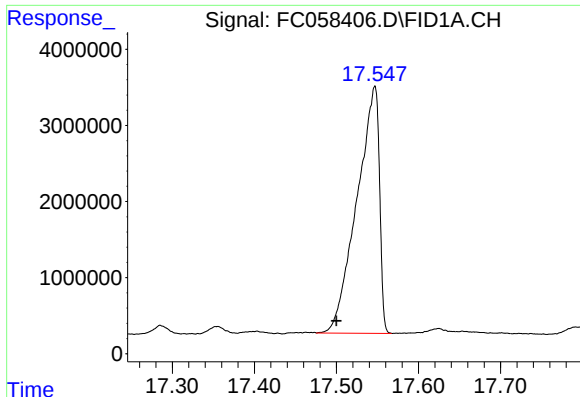
#15 n-Hexacosane (C26)

R.T.: 15.712 min
Delta R.T.: 0.041 min
Response: 66007021
Conc: 49.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.654 min
Delta R.T.: 0.038 min
Response: 67494548
Conc: 52.11 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.547 min
Delta R.T.: 0.047 min
Response: 61777940
Conc: 49.20 ug/ml

Instrument :

FID_C

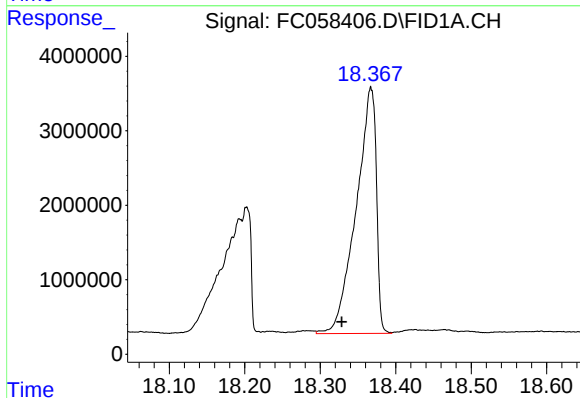
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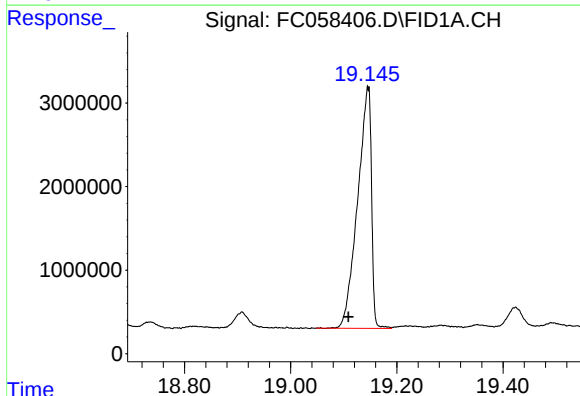
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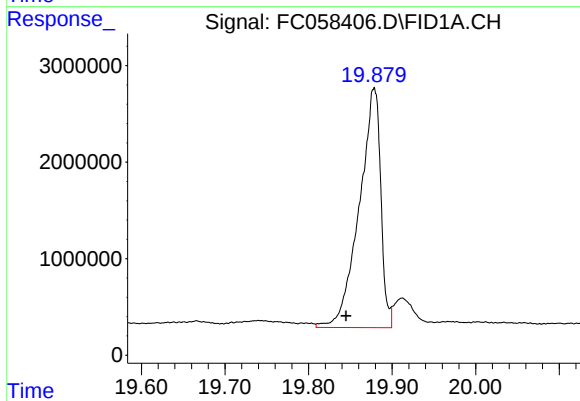
#18 n-Dotriacontane (C32)

R.T.: 18.367 min
Delta R.T.: 0.038 min
Response: 61293715
Conc: 51.69 ug/ml



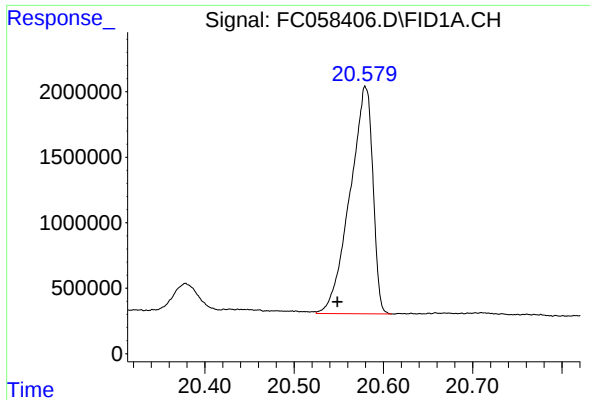
#19 n-Tetratriacontane (C34)

R.T.: 19.145 min
Delta R.T.: 0.036 min
Response: 52405698
Conc: 48.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.878 min
Delta R.T.: 0.033 min
Response: 44451052
Conc: 44.88 ug/ml



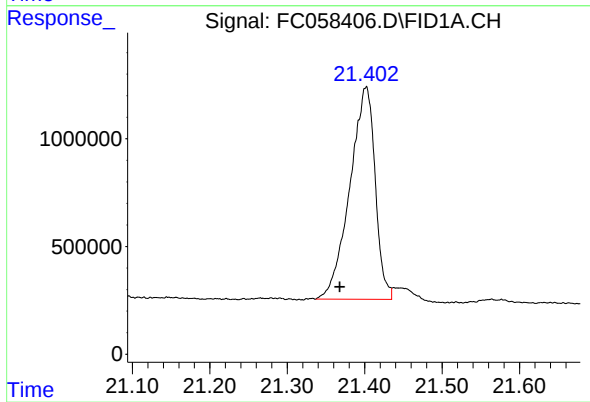
#21 n-Octatriacontane (C38)

R.T.: 20.579 min
Delta R.T.: 0.031 min
Response: 30909494
Conc: 34.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.402 min
Delta R.T.: 0.034 min
Response: 22458557
Conc: 29.14 ug/ml m