

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022122AL\
 Data File : FC058403.D
 Signal(s) : FID1A.CH
 Acq On : 21 Feb 2022 21:35
 Operator : YP\AJ
 Sample : PB142840BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB142840BSD

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 00:28:06 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)	11.407	84582419	54.959 ug/ml
Spiked Amount 50.000		Recovery =	109.92%
12) S 1-chlorooctadecane (S...	12.837	66375349	56.847 ug/ml
Spiked Amount 50.000		Recovery =	113.69%
Target Compounds			
1) T n-Nonane (C9)	3.401	45225626	34.556 ug/ml
2) T n-Decane (C10)	4.359	47431882	35.890 ug/ml
3) T A~Naphthalene (C11.7)	5.861	58531495	40.034 ug/ml
4) T n-Dodecane (C12)	6.290	53837169	39.977 ug/ml
5) T A~2-methylnaphthalene...	6.899	60773597	41.529 ug/ml
6) T n-Tetradecane (C14)	8.077	60552089	44.751 ug/ml
7) T n-Hexadecane (C16)	9.659	67834058	49.697 ug/ml
8) T n-Octadecane (C18)	11.097	72521119	52.760 ug/ml
10) T n-Eicosane (C20)	12.406	87169532	64.020 ug/ml
11) T n-Heneicosane (C21)	13.008	71851578	52.700 ug/ml
13) T n-Docosane (C22)	13.589	71667791	52.752 ug/ml
14) T n-Tetracosane (C24)	14.621	71361711	52.990 ug/mlm
15) T n-Hexacosane (C26)	15.709	71480819	54.104 ug/ml
16) T n-Octacosane (C28)	16.649	71061738	54.869 ug/ml
17) T n-Tricontane (C30)	17.543	68045939	54.196 ug/ml
18) T n-Dotriacontane (C32)	18.360	64649779	54.524 ug/ml
19) T n-Tetratriacontane (C34)	19.139	57479329	52.729 ug/ml
20) T n-Hexatriacontane (C36)	19.871	47859679	48.318 ug/ml
21) T n-Octatriacontane (C38)	20.572	36799475	41.661 ug/ml
22) T n-Tetracontane (C40)	21.393	28360532	36.792 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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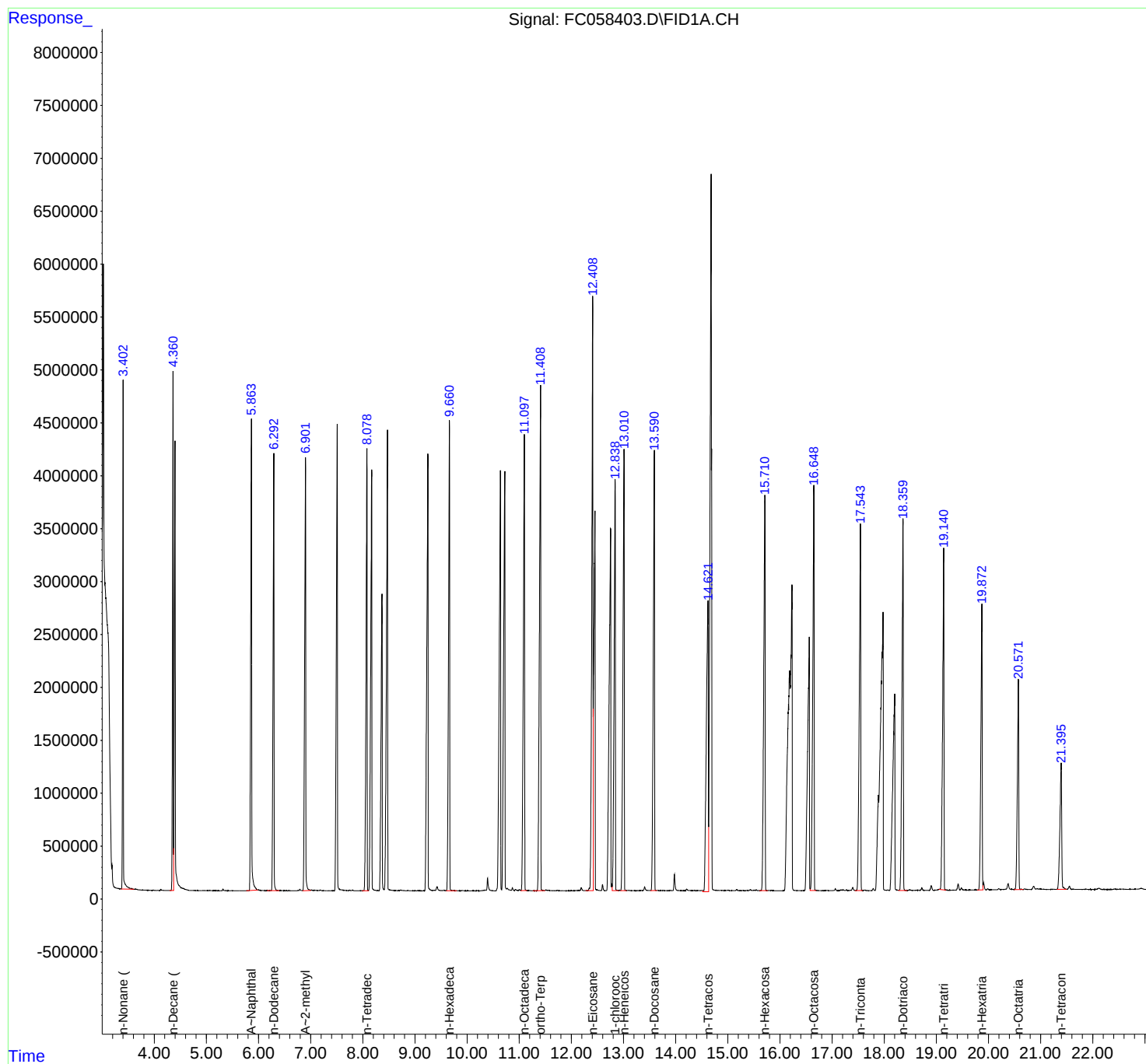
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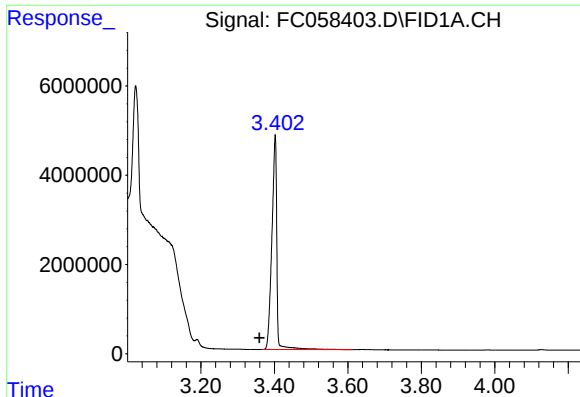
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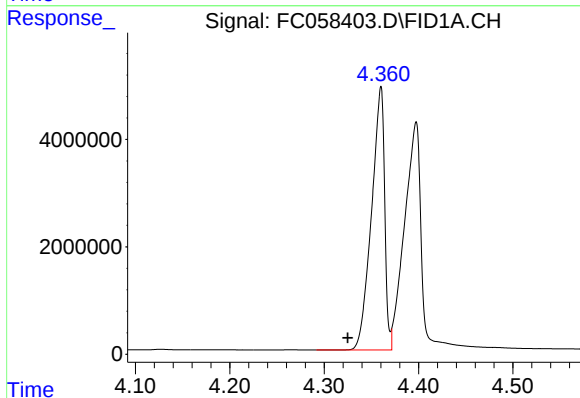
#1 n-Nonane (C9)

R.T.: 3.401 min
Delta R.T.: 0.042 min
Response: 45225626
Conc: 34.56 ug/ml

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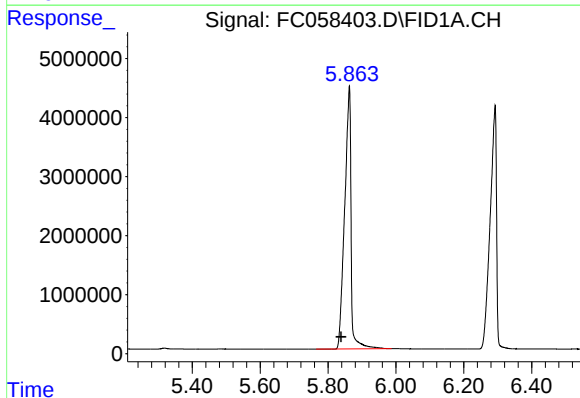
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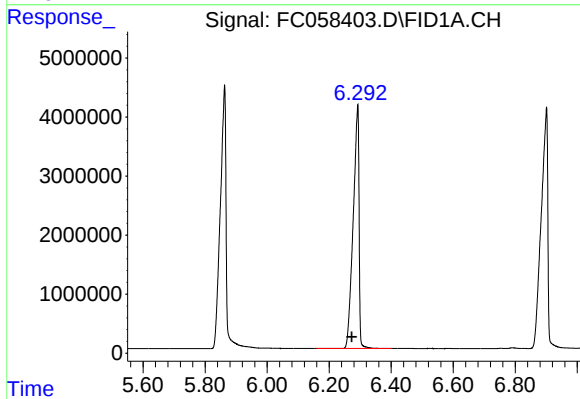
#2 n-Decane (C10)

R.T.: 4.359 min
Delta R.T.: 0.034 min
Response: 47431882
Conc: 35.89 ug/ml



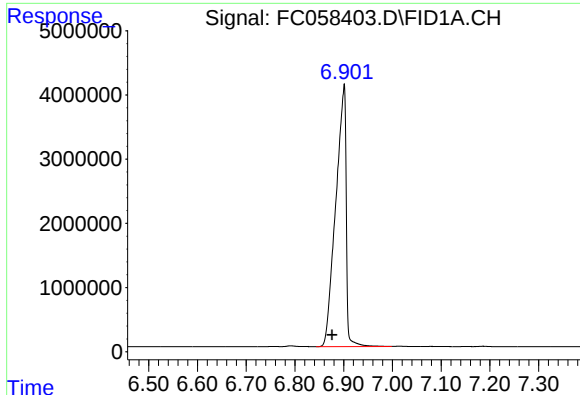
#3 A~Naphthalene (C11.7)

R.T.: 5.861 min
Delta R.T.: 0.023 min
Response: 58531495
Conc: 40.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.290 min
Delta R.T.: 0.018 min
Response: 53837169
Conc: 39.98 ug/ml



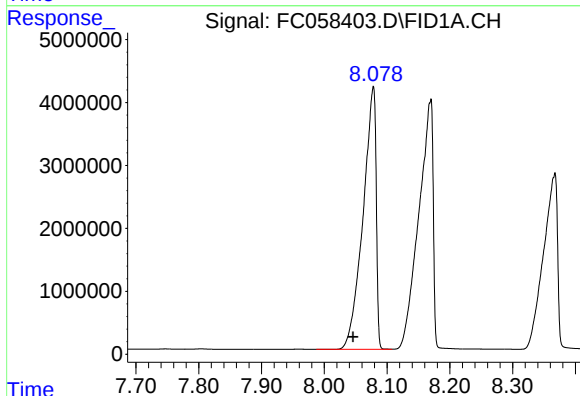
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.899 min
Delta R.T.: 0.023 min
Response: 60773597
Conc: 41.53 ug/ml

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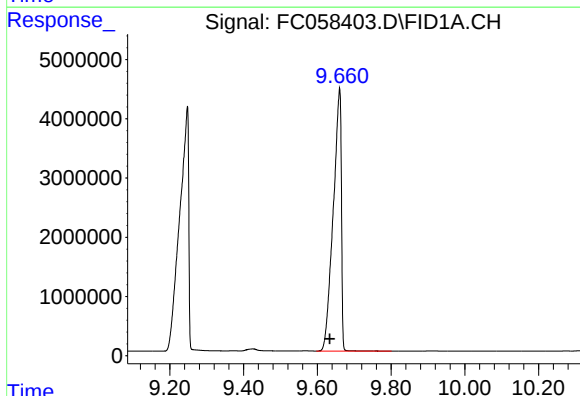
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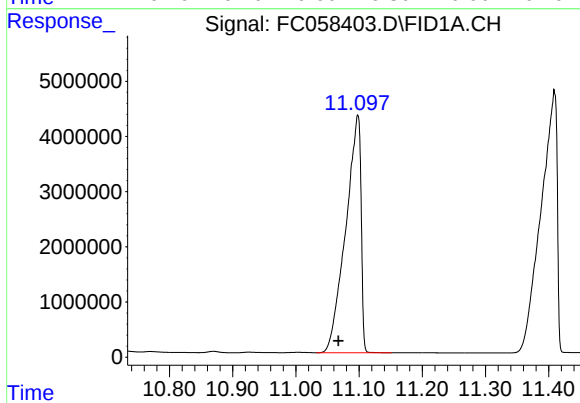
#6 n-Tetradecane (C14)

R.T.: 8.077 min
Delta R.T.: 0.031 min
Response: 60552089
Conc: 44.75 ug/ml



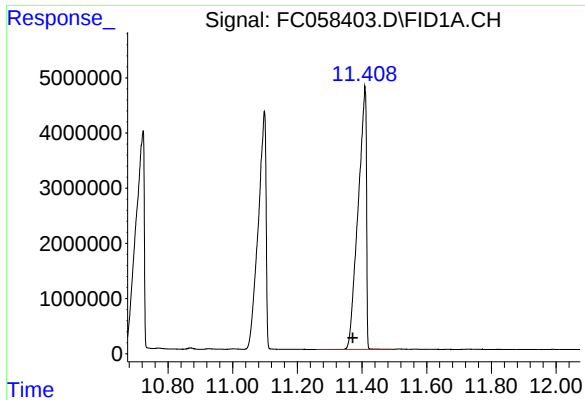
#7 n-Hexadecane (C16)

R.T.: 9.659 min
Delta R.T.: 0.025 min
Response: 67834058
Conc: 49.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.097 min
Delta R.T.: 0.030 min
Response: 72521119
Conc: 52.76 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.407 min
Delta R.T.: 0.036 min
Response: 84582419
Conc: 54.96 ug/ml

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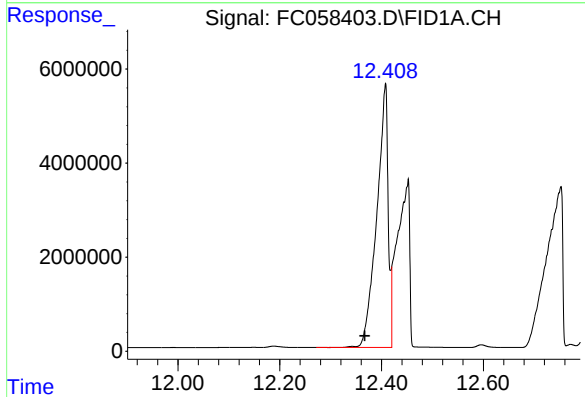
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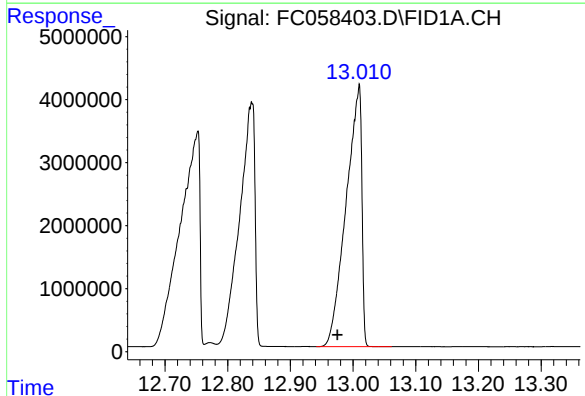
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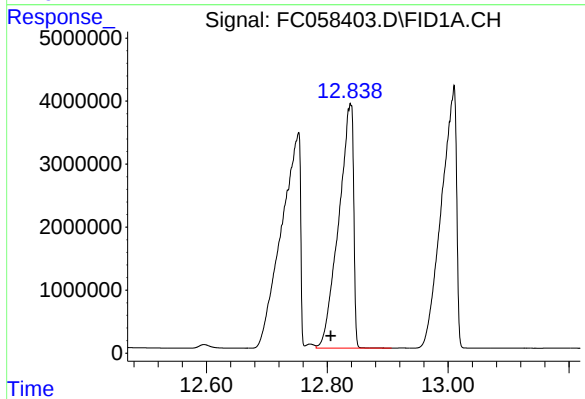
#10 n-Eicosane (C20)

R.T.: 12.406 min
Delta R.T.: 0.040 min
Response: 87169532
Conc: 64.02 ug/ml



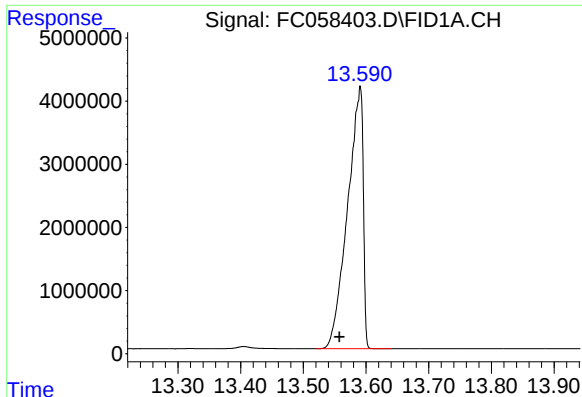
#11 n-Heneicosane (C21)

R.T.: 13.008 min
Delta R.T.: 0.033 min
Response: 71851578
Conc: 52.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.837 min
Delta R.T.: 0.032 min
Response: 66375349
Conc: 56.85 ug/ml



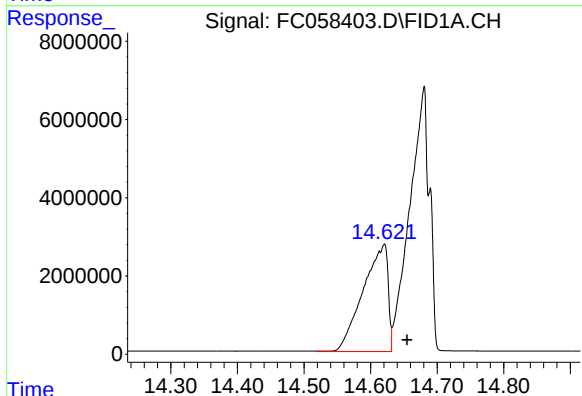
#13 n-Docosane (C22)

R.T.: 13.589 min
Delta R.T.: 0.031 min
Response: 71667791
Conc: 52.75 ug/ml

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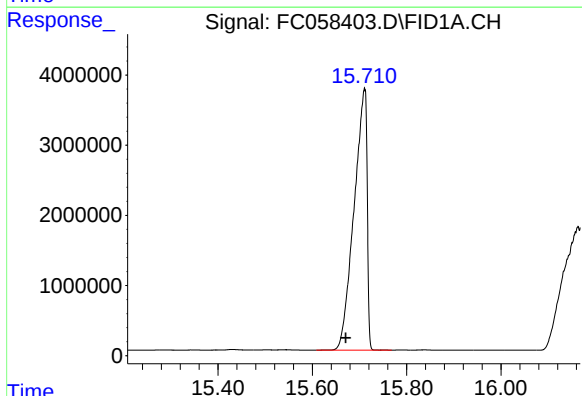
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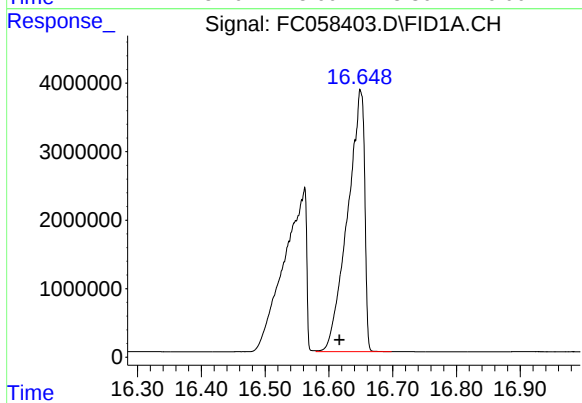
#14 n-Tetracosane (C24)

R.T.: 14.621 min
Delta R.T.: -0.034 min
Response: 71361711
Conc: 52.99 ug/ml m



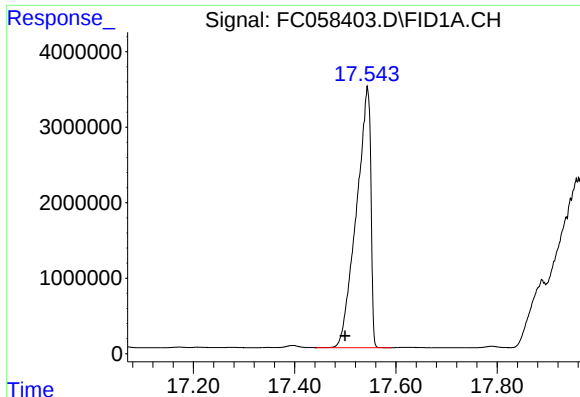
#15 n-Hexacosane (C26)

R.T.: 15.709 min
Delta R.T.: 0.038 min
Response: 71480819
Conc: 54.10 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.649 min
Delta R.T.: 0.033 min
Response: 71061738
Conc: 54.87 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.543 min
Delta R.T.: 0.043 min
Response: 68045939
Conc: 54.20 ug/ml

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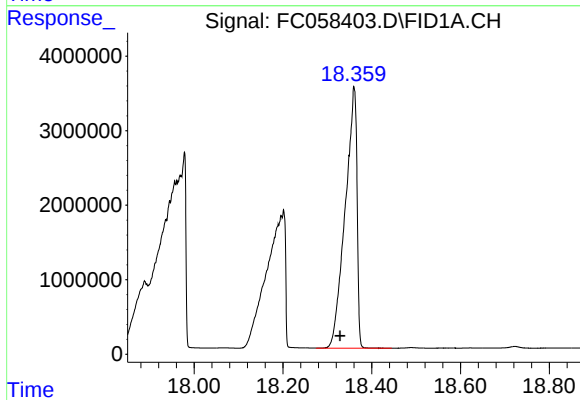
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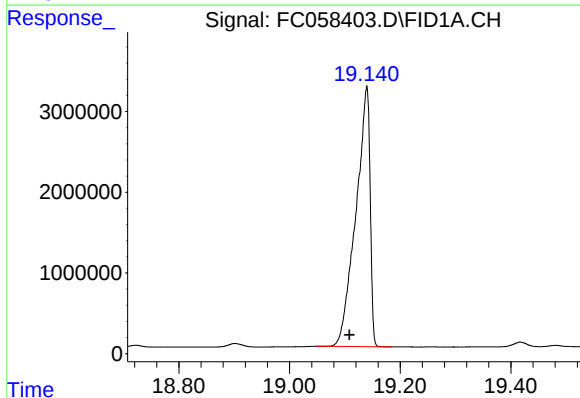
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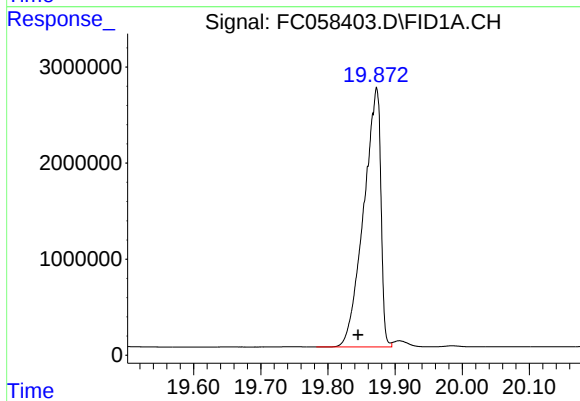
#18 n-Dotriacontane (C32)

R.T.: 18.360 min
Delta R.T.: 0.031 min
Response: 64649779
Conc: 54.52 ug/ml



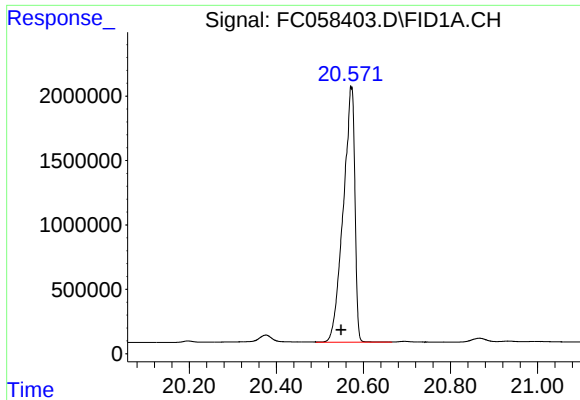
#19 n-Tetratriacontane (C34)

R.T.: 19.139 min
Delta R.T.: 0.030 min
Response: 57479329
Conc: 52.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.871 min
Delta R.T.: 0.026 min
Response: 47859679
Conc: 48.32 ug/ml



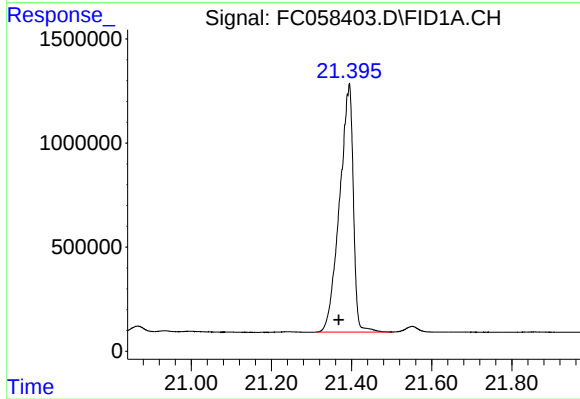
#21 n-Octatriacontane (C38)

R.T.: 20.572 min
Delta R.T.: 0.024 min
Response: 36799475
Conc: 41.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.393 min
Delta R.T.: 0.026 min
Response: 28360532
Conc: 36.79 ug/ml