

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112321AL\
 Data File : FC057039.D
 Signal(s) : FID1A.CH
 Acq On : 23 Nov 2021 23:30
 Operator : AJ\MA
 Sample : M4781-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

ETGI-354MSD

Manual Integrations

APPROVED

Reviewed By :Ankita Jodhani 11/24/2021

Supervised By :mohammad ahmed 11/24/2021

Integration File: autoint1.e

Quant Time: Nov 24 02:16:50 2021

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M

Quant Title : GC Extractables

QLast Update : Fri Nov 19 00:52:49 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)	11.593	3251073	28.015 ug/mlm
Spiked Amount 50.000		Recovery =	56.03%
12) S 1-chlorooctadecane (S...	13.025	2452381	26.938 ug/mlm
Spiked Amount 50.000		Recovery =	53.88%
Target Compounds			
1) T n-Nonane (C9)	3.357	4075487	40.219 ug/ml
2) T n-Decane (C10)	4.426	4769860	47.632 ug/ml
3) T A~Naphthalene (C11.7)	6.014	5500122	49.257 ug/ml
4) T n-Dodecane (C12)	6.443	5182654	51.115 ug/ml
5) T A~2-methylnaphthalene...	7.071	5526996	50.127 ug/ml
6) T n-Tetradecane (C14)	8.239	5537498	54.654 ug/ml
7) T n-Hexadecane (C16)	9.836	5962244	58.102 ug/ml
8) T n-Octadecane (C18)	11.276	6298530	58.789 ug/ml
10) T n-Eicosane (C20)	12.584	6101030	57.043 ug/ml
11) T n-Heneicosane (C21)	13.193	6026622	55.651 ug/mlm
13) T n-Docosane (C22)	13.780	5925890	55.313 ug/mlm
14) T n-Tetracosane (C24)	14.877	11107218	102.602 ug/ml
15) T n-Hexacosane (C26)	15.897	5510019	51.729 ug/ml
16) T n-Octacosane (C28)	16.844	5263557	49.346 ug/mlm
17) T n-Tricontane (C30)	17.728	5158987	48.402 ug/ml
18) T n-Dotriacontane (C32)	18.554	5087876	48.236 ug/ml
19) T n-Tetratriacontane (C34)	19.335	4683962	45.087 ug/mlm
20) T n-Hexatriacontane (C36)	20.070	4310942	42.680 ug/mlm
21) T n-Octatriacontane (C38)	20.800	4043512	44.049 ug/ml
22) T n-Tetracontane (C40)	21.706	4127376	45.817 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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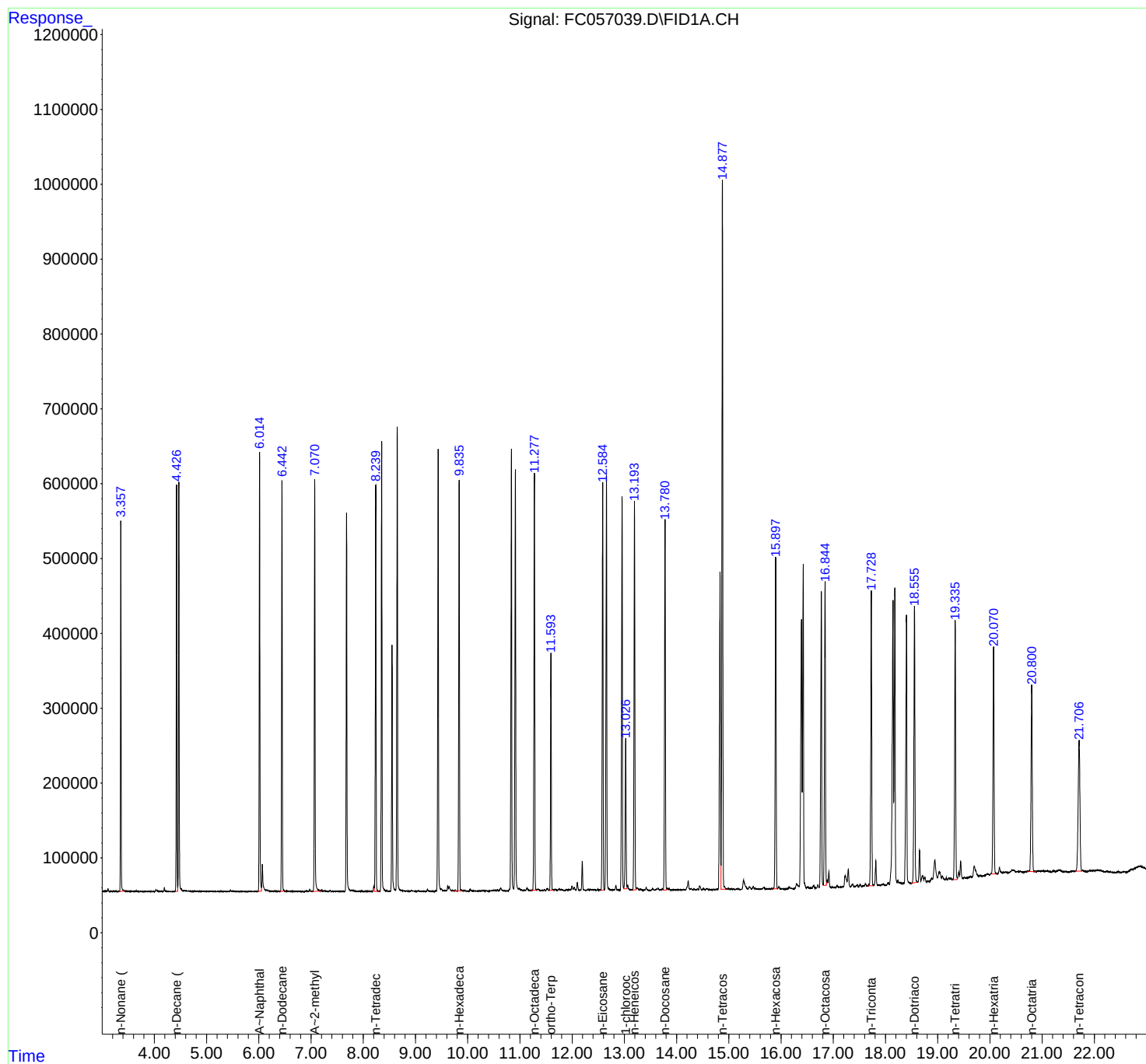
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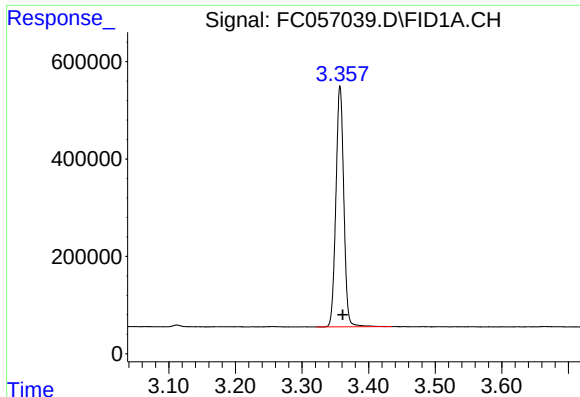
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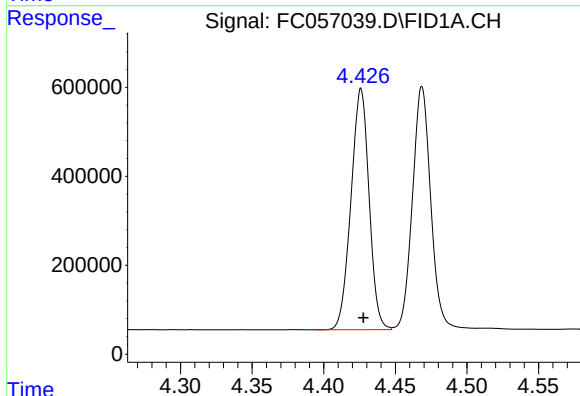
#1 n-Nonane (C9)

R.T.: 3.357 min
Delta R.T.: -0.004 min
Response: 4075487
Conc: 40.22 ug/ml

Instrument :
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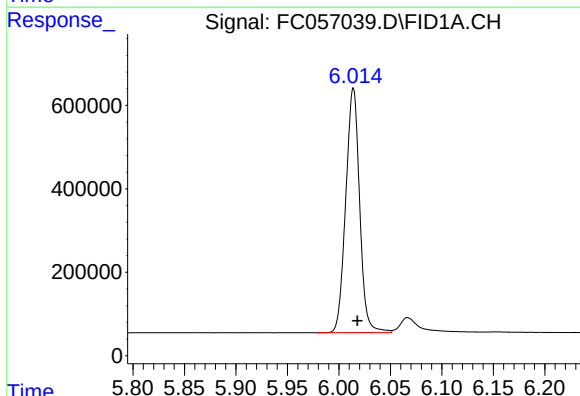
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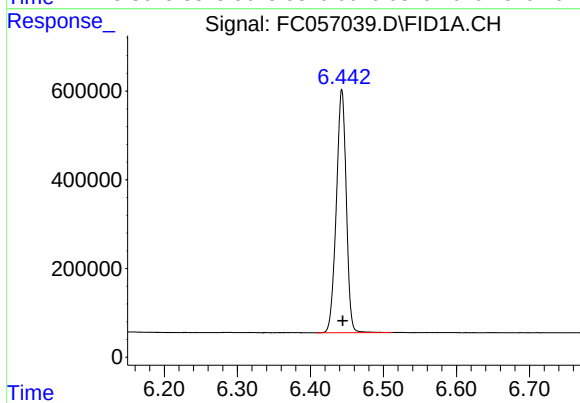
#2 n-Decane (C10)

R.T.: 4.426 min
Delta R.T.: -0.002 min
Response: 4769860
Conc: 47.63 ug/ml



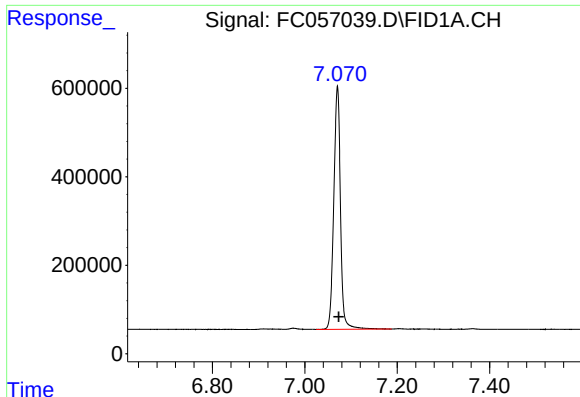
#3 A~Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: -0.004 min
Response: 5500122
Conc: 49.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.443 min
Delta R.T.: -0.001 min
Response: 5182654
Conc: 51.12 ug/ml



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

R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 5526996
Conc: 50.13 ug/ml

Instrument :

FID_C

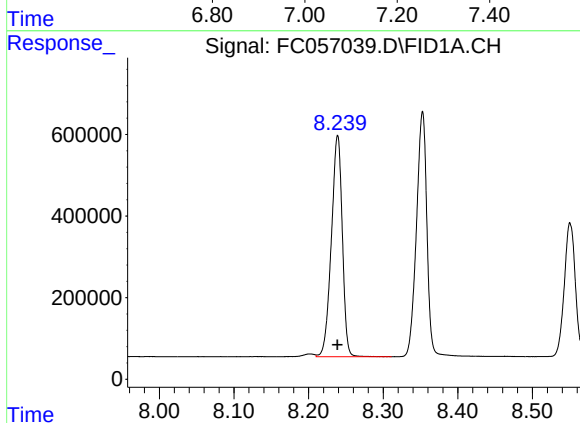
ClientSampleId :

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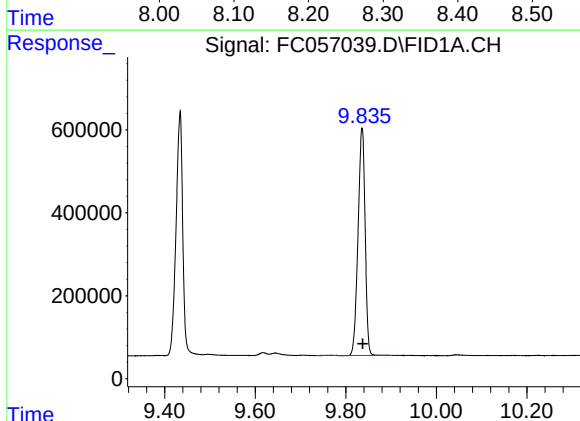
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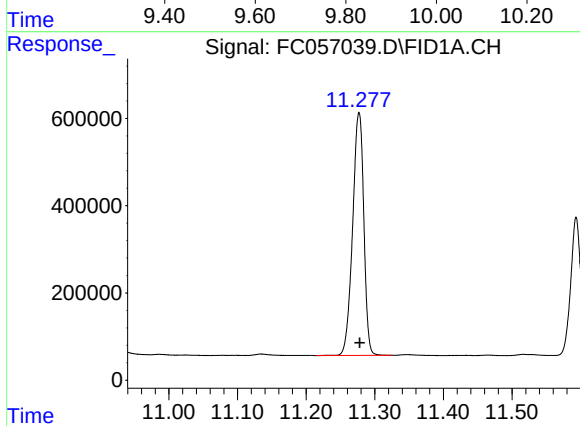
#6 n-Tetradecane (C14)

R.T.: 8.239 min
Delta R.T.: 0.000 min
Response: 5537498
Conc: 54.65 ug/ml



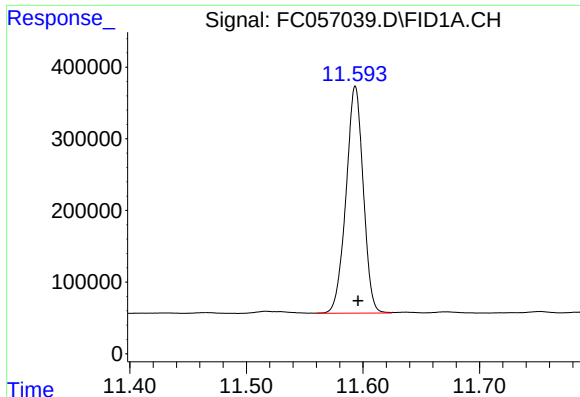
#7 n-Hexadecane (C16)

R.T.: 9.836 min
Delta R.T.: -0.002 min
Response: 5962244
Conc: 58.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.276 min
Delta R.T.: -0.001 min
Response: 6298530
Conc: 58.79 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.593 min
Delta R.T.: -0.003 min
Response: 3251073
Conc: 28.02 ug/ml

Instrument :

FID_C

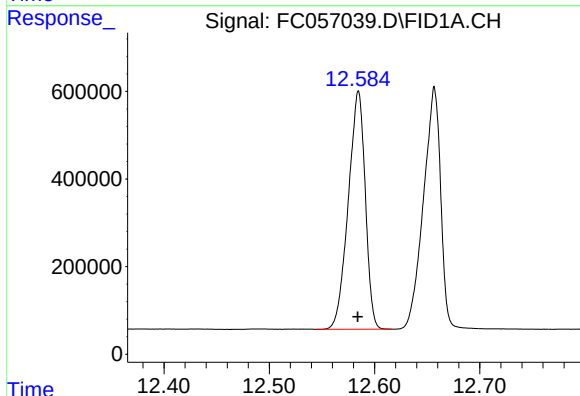
ClientSampleId :

ETGI-354MSD

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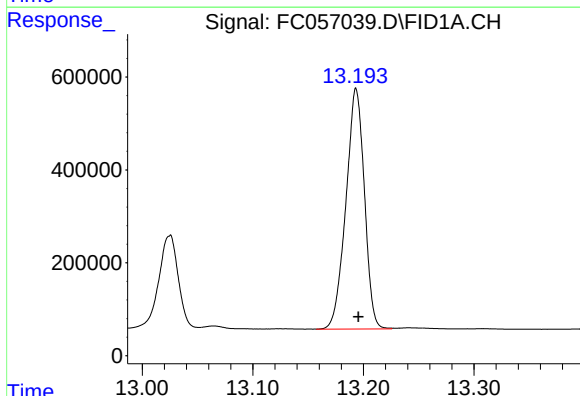
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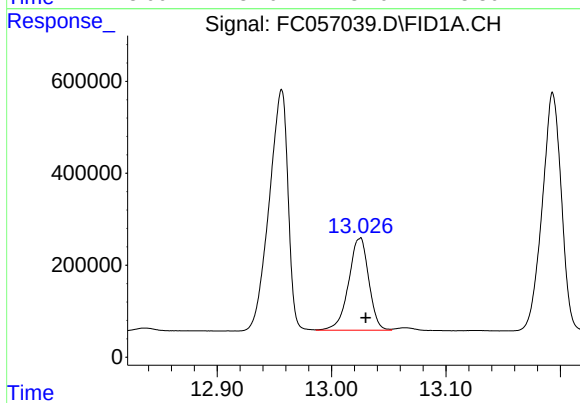
#10 n-Eicosane (C20)

R.T.: 12.584 min
Delta R.T.: 0.000 min
Response: 6101030
Conc: 57.04 ug/ml



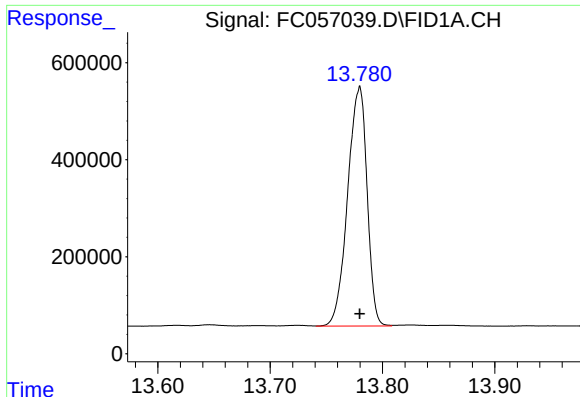
#11 n-Heneicosane (C21)

R.T.: 13.193 min
Delta R.T.: -0.003 min
Response: 6026622
Conc: 55.65 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.025 min
Delta R.T.: -0.004 min
Response: 2452381
Conc: 26.94 ug/ml m



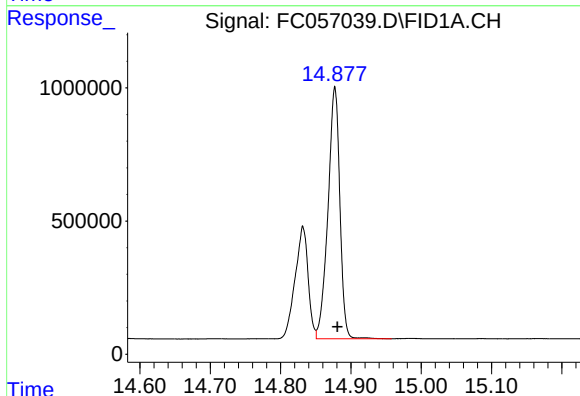
#13 n-Docosane (C22)

R.T.: 13.780 min
Delta R.T.: 0.000 min
Response: 5925890
Conc: 55.31 ug/ml

Instrument :
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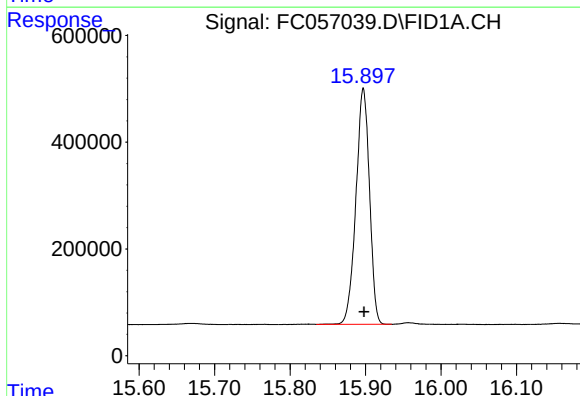
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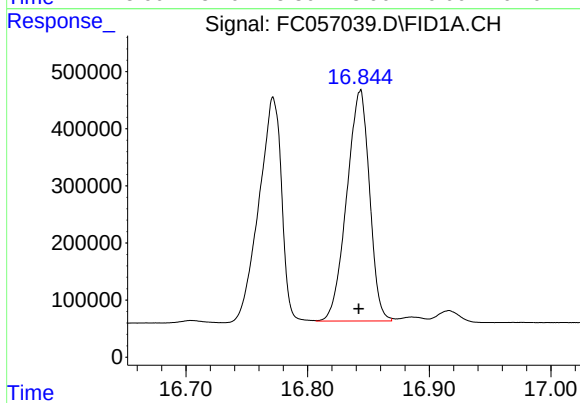
#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: -0.004 min
Response: 11107218
Conc: 102.60 ug/ml



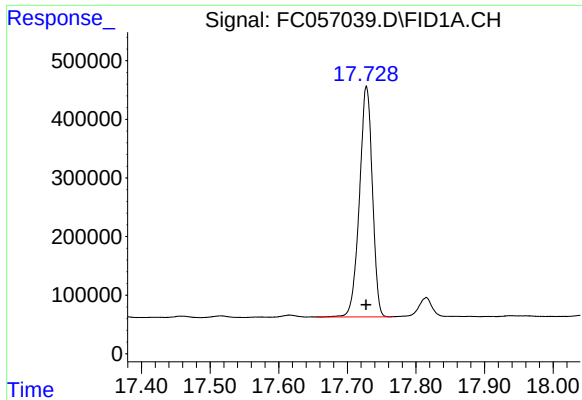
#15 n-Hexacosane (C26)

R.T.: 15.897 min
Delta R.T.: 0.000 min
Response: 5510019
Conc: 51.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.844 min
Delta R.T.: 0.001 min
Response: 5263557
Conc: 49.35 ug/ml m



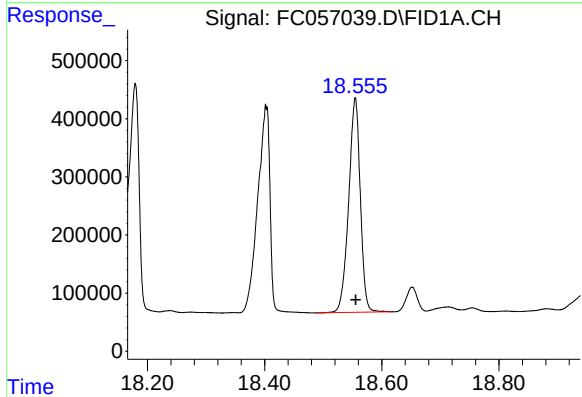
#17 n-Tricontane (C30)

R.T.: 17.728 min
Delta R.T.: 0.000 min
Response: 5158987
Conc: 48.40 ug/ml

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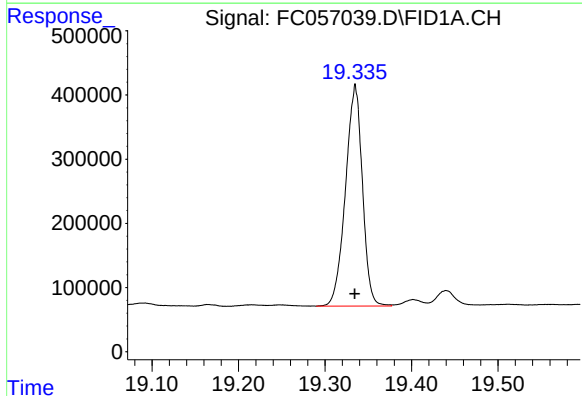
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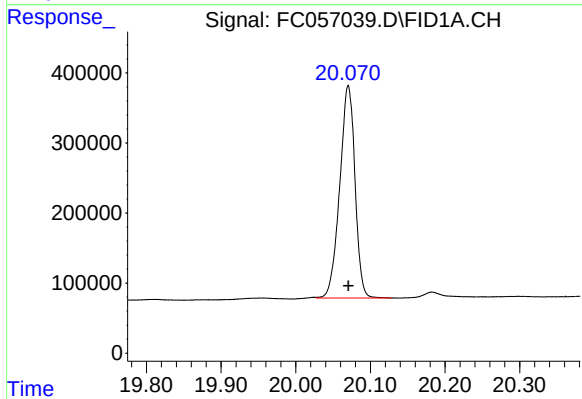
#18 n-Dotriacontane (C32)

R.T.: 18.554 min
Delta R.T.: -0.001 min
Response: 5087876
Conc: 48.24 ug/ml



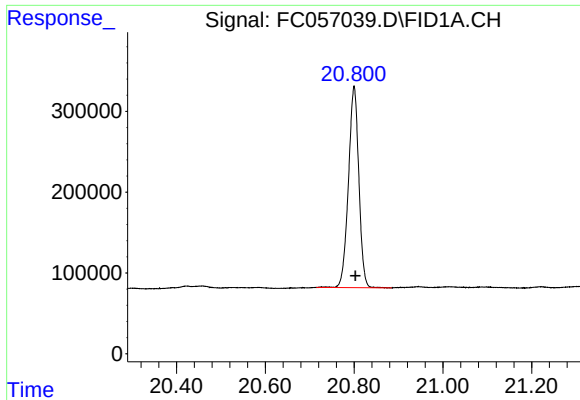
#19 n-Tetratriacontane (C34)

R.T.: 19.335 min
Delta R.T.: 0.000 min
Response: 4683962
Conc: 45.09 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.070 min
Delta R.T.: 0.000 min
Response: 4310942
Conc: 42.68 ug/ml m



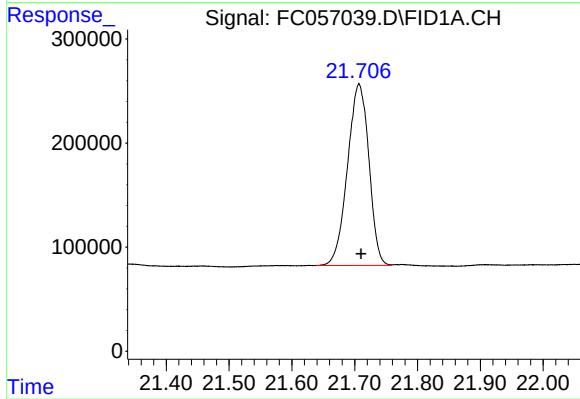
#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: -0.003 min
Response: 4043512
Conc: 44.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.706 min
Delta R.T.: -0.004 min
Response: 4127376
Conc: 45.82 ug/ml m