

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112221AL\
 Data File : FC057003.D
 Signal(s) : FID1A.CH
 Acq On : 23 Nov 2021 00:01
 Operator : AJ\MA
 Sample : PB140936BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB140936BS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/23/2021
 Supervised By :mohammad ahmed 11/26/2021

Integration File: autoint1.e
 Quant Time: Nov 23 04:43:30 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)	11.598	5092530	43.883 ug/ml
Spiked Amount 50.000		Recovery =	87.77%
12) S 1-chlorooctadecane (S...	13.029	4106189	45.104 ug/ml
Spiked Amount 50.000		Recovery =	90.21%
Target Compounds			
1) T n-Nonane (C9)	3.384	5360276	52.898 ug/ml
2) T n-Decane (C10)	4.438	5592198	55.844 ug/ml
3) T A~Naphthalene (C11.7)	6.018	6258944	56.053 ug/ml
4) T n-Dodecane (C12)	6.445	5756700	56.777 ug/ml
5) T A~2-methylnaphthalene...	7.073	6006048	54.471 ug/ml
6) T n-Tetradecane (C14)	8.240	5881418	58.048 ug/ml
7) T n-Hexadecane (C16)	9.838	5916846	57.660 ug/ml
8) T n-Octadecane (C18)	11.279	6017782	56.168 ug/ml
10) T n-Eicosane (C20)	12.586	5801193	54.239 ug/ml
11) T n-Heneicosane (C21)	13.195	5690716	52.549 ug/ml
13) T n-Docosane (C22)	13.780	5574673	52.035 ug/ml
14) T n-Tetracosane (C24)	14.878	10256660	94.745 ug/ml
15) T n-Hexacosane (C26)	15.898	5151117	48.359 ug/ml
16) T n-Octacosane (C28)	16.843	4951493	46.421 ug/ml
17) T n-Tricontane (C30)	17.728	4625441	43.396 ug/ml
18) T n-Dotriacontane (C32)	18.555	4208720	39.901 ug/ml
19) T n-Tetratriacontane (C34)	19.334	3468330	33.386 ug/ml
20) T n-Hexatriacontane (C36)	20.068	2767687	27.401 ug/mlm
21) T n-Octatriacontane (C38)	20.799	2187796	23.833 ug/ml
22) T n-Tetracontane (C40)	21.700	1985048	22.035 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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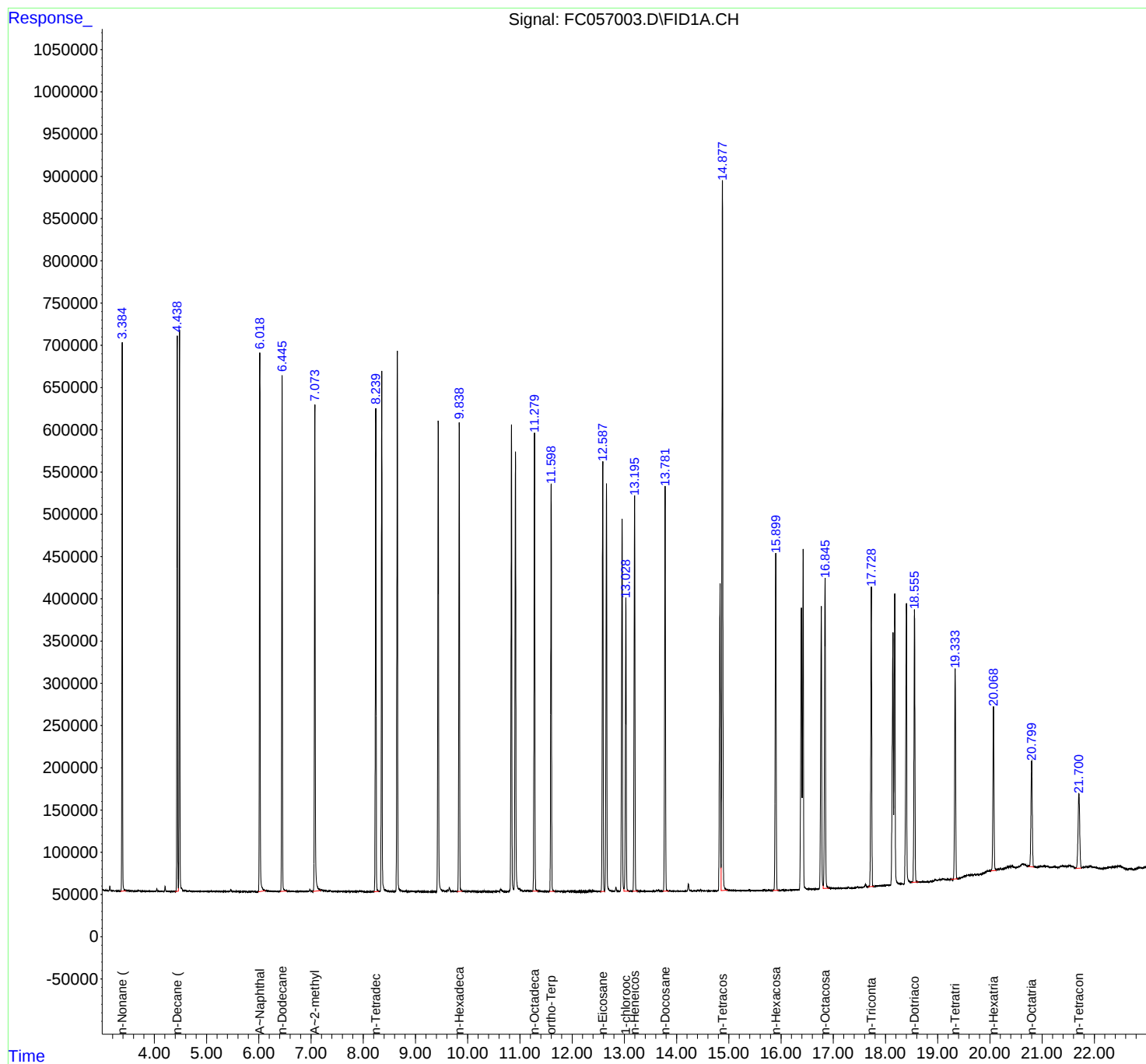
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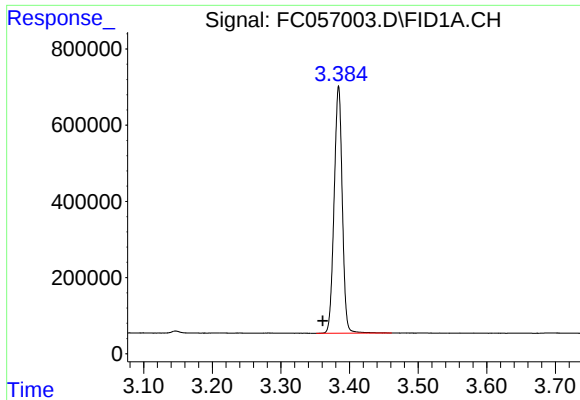
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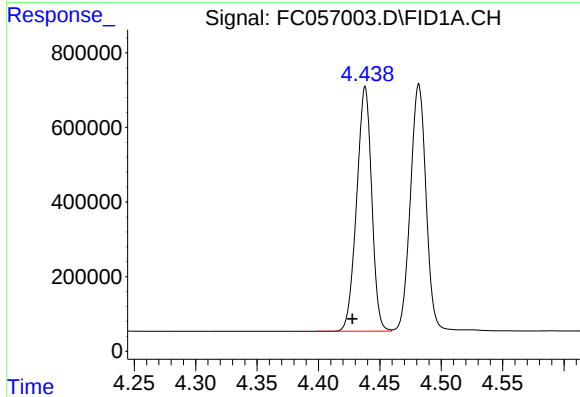
#1 n-Nonane (C9)

R.T.: 3.384 min
Delta R.T.: 0.023 min
Response: 5360276
Conc: 52.90 ug/ml

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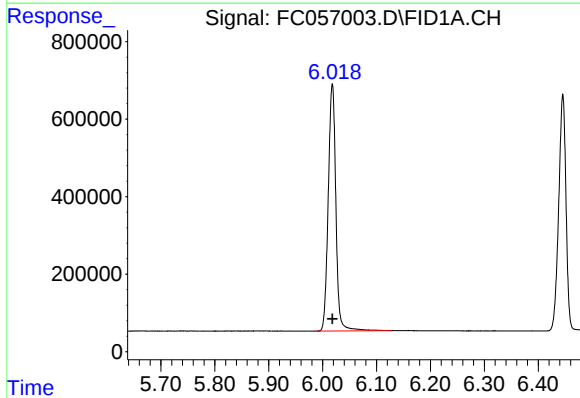
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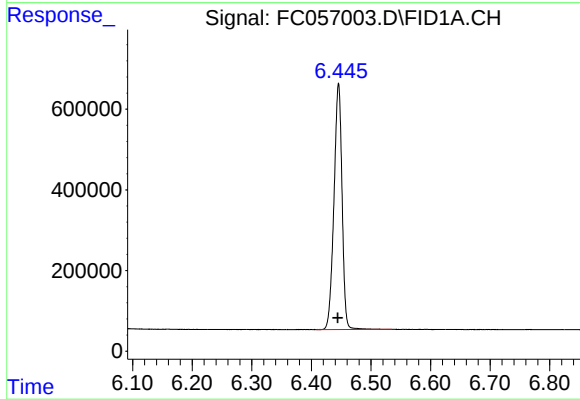
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: 0.010 min
Response: 5592198
Conc: 55.84 ug/ml



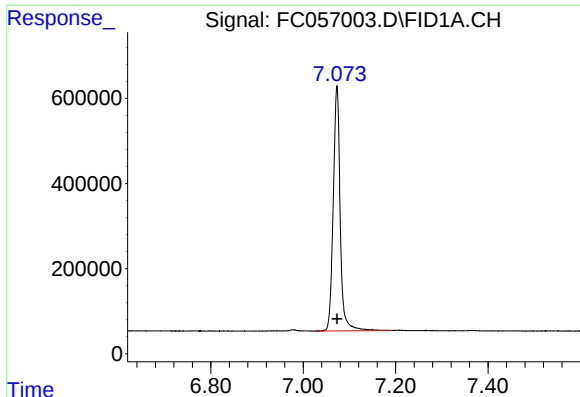
#3 A~Naphthalene (C11.7)

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 6258944
Conc: 56.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.445 min
Delta R.T.: 0.001 min
Response: 5756700
Conc: 56.78 ug/ml



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

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 6006048
Conc: 54.47 ug/ml

Instrument :

FID_C

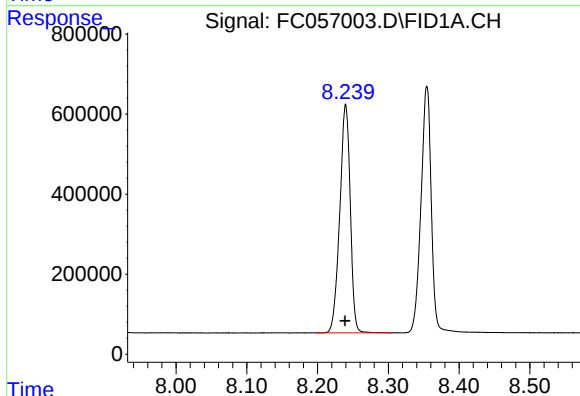
ClientSampleId :

PB140936BS

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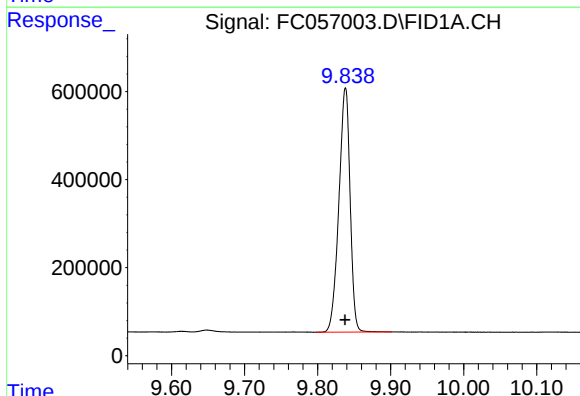
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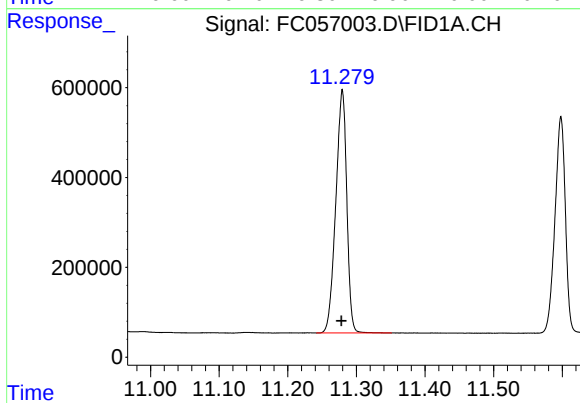
#6 n-Tetradecane (C14)

R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 5881418
Conc: 58.05 ug/ml



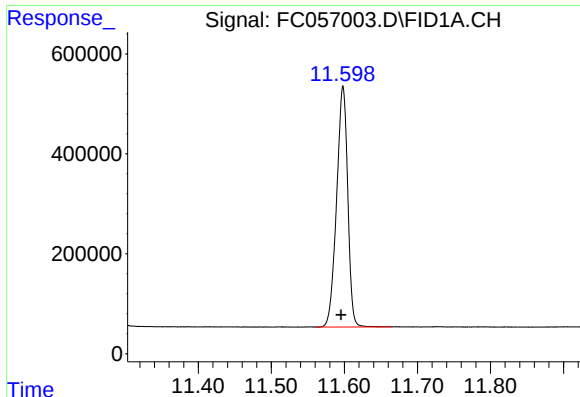
#7 n-Hexadecane (C16)

R.T.: 9.838 min
Delta R.T.: 0.000 min
Response: 5916846
Conc: 57.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.279 min
Delta R.T.: 0.001 min
Response: 6017782
Conc: 56.17 ug/ml



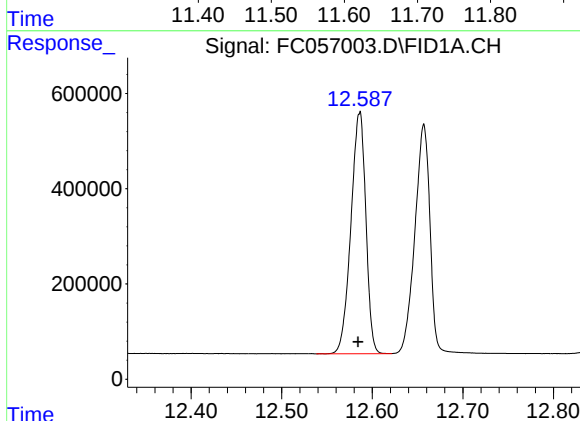
#9 ortho-Terphenyl (SURR)

R.T.: 11.598 min
Delta R.T.: 0.002 min
Response: 5092530
Conc: 43.88 ug/ml

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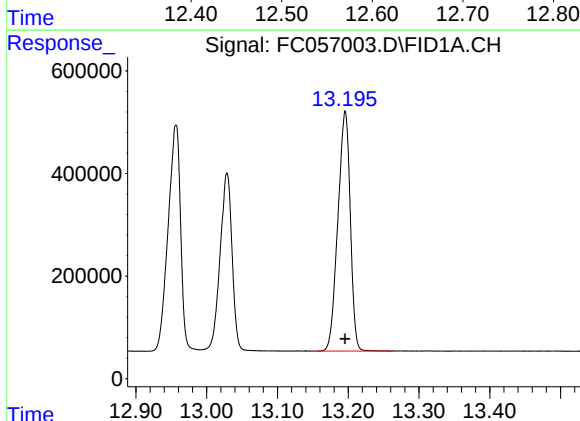
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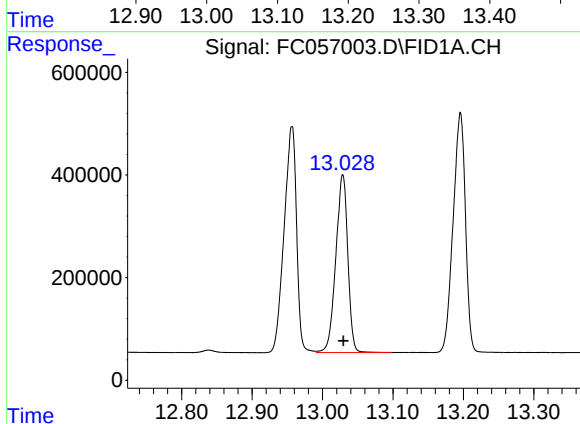
#10 n-Eicosane (C20)

R.T.: 12.586 min
Delta R.T.: 0.002 min
Response: 5801193
Conc: 54.24 ug/ml



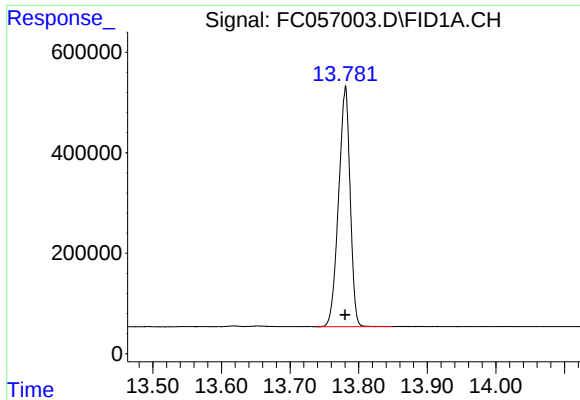
#11 n-Heneicosane (C21)

R.T.: 13.195 min
Delta R.T.: 0.000 min
Response: 5690716
Conc: 52.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.029 min
Delta R.T.: -0.001 min
Response: 4106189
Conc: 45.10 ug/ml



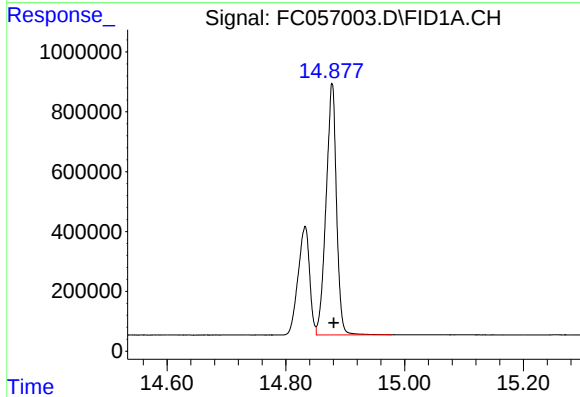
#13 n-Docosane (C22)

R.T.: 13.780 min
Delta R.T.: 0.000 min
Response: 5574673
Conc: 52.03 ug/ml

Instrument :
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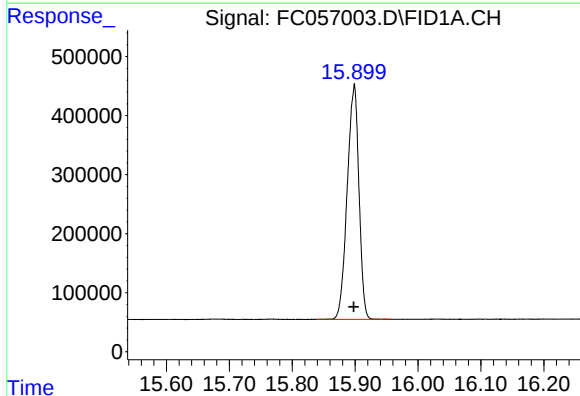
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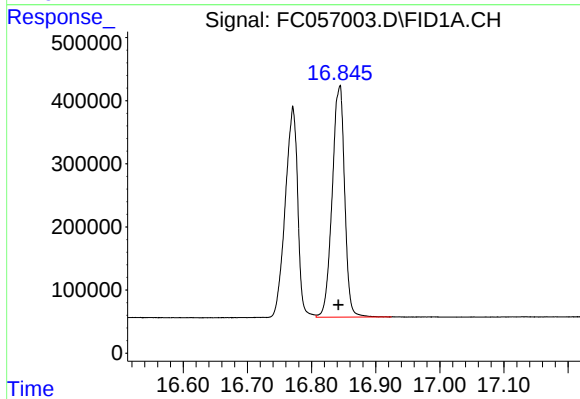
#14 n-Tetracosane (C24)

R.T.: 14.878 min
Delta R.T.: -0.003 min
Response: 10256660
Conc: 94.74 ug/ml



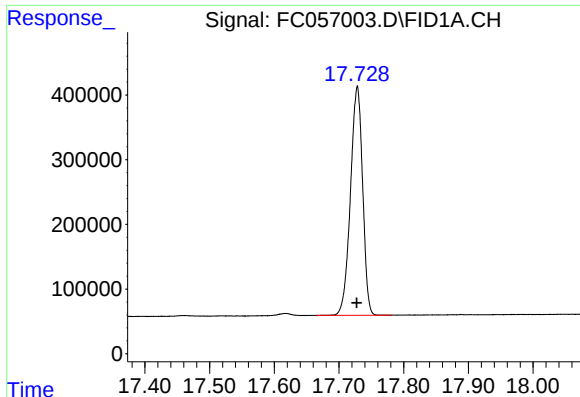
#15 n-Hexacosane (C26)

R.T.: 15.898 min
Delta R.T.: 0.000 min
Response: 5151117
Conc: 48.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.843 min
Delta R.T.: 0.000 min
Response: 4951493
Conc: 46.42 ug/ml



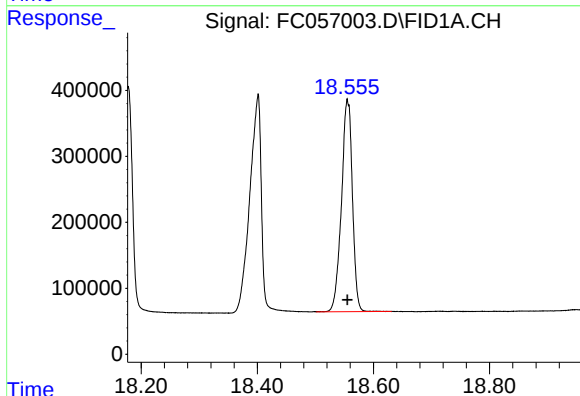
#17 n-Tricontane (C30)

R.T.: 17.728 min
Delta R.T.: 0.000 min
Response: 4625441
Conc: 43.40 ug/ml

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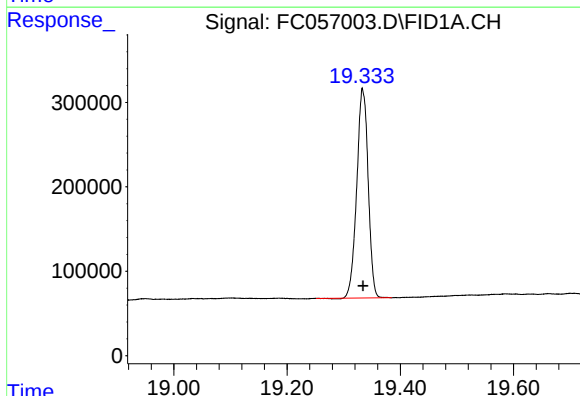
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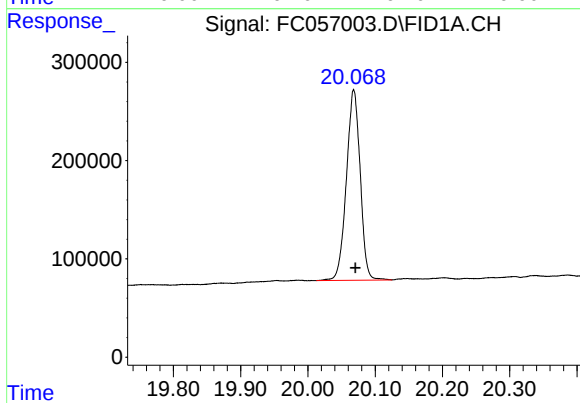
#18 n-Dotriacontane (C32)

R.T.: 18.555 min
Delta R.T.: 0.000 min
Response: 4208720
Conc: 39.90 ug/ml



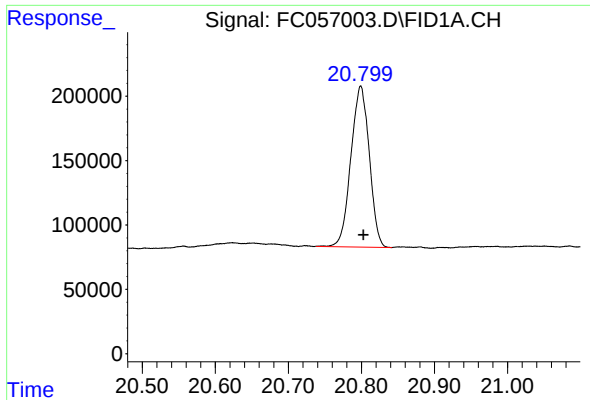
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: 0.000 min
Response: 3468330
Conc: 33.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.068 min
Delta R.T.: -0.003 min
Response: 2767687
Conc: 27.40 ug/ml m



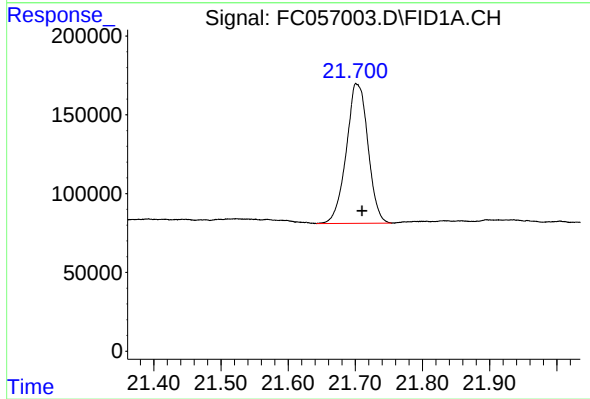
#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: -0.004 min
Response: 2187796
Conc: 23.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.700 min
Delta R.T.: -0.010 min
Response: 1985048
Conc: 22.04 ug/ml m