

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121521AL\
 Data File : FC057493.D
 Signal(s) : FID1A.CH
 Acq On : 15 Dec 2021 16:20
 Operator : AJ\MA
 Sample : M5022-19MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP11MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/16/2021
 Supervised By :Ankita Jodhani 12/16/2021

Integration File: sample.E
 Quant Time: Dec 16 01:53:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 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)	10.839	5467522	39.291 ug/ml
Spiked Amount 50.000		Recovery =	78.58%
12) S 1-chlorooctadecane (S...	12.274	4331526	39.114 ug/ml
Spiked Amount 50.000		Recovery =	78.23%
Target Compounds			
1) T n-Nonane (C9)	2.703	4345342	35.171 ug/mlm
2) T n-Decane (C10)	3.709	4972017	39.918 ug/mlm
3) T A~Naphthalene (C11.7)	5.267	6038594	43.527 ug/mlm
4) T n-Dodecane (C12)	5.694	5550911	44.949 ug/mlm
5) T A~2-methylnaphthalene...	6.315	6172993	44.142 ug/ml
6) T n-Tetradecane (C14)	7.486	5862154	47.341 ug/ml
7) T n-Hexadecane (C16)	9.083	6021568	48.024 ug/ml
8) T n-Octadecane (C18)	10.524	6213657	48.005 ug/ml
10) T n-Eicosane (C20)	11.882	6766541	52.086 ug/ml
11) T n-Heneicosane (C21)	12.444	6182052	47.104 ug/ml
13) T n-Docosane (C22)	13.029	6208665	47.236 ug/ml
14) T n-Tetracosane (C24)	14.132	6110729	45.944 ug/ml
15) T n-Hexacosane (C26)	15.153	6223811	47.464 ug/ml
16) T n-Octacosane (C28)	16.100	6231634	47.387 ug/mlm
17) T n-Tricontane (C30)	16.989	6016993	44.026 ug/ml
18) T n-Dotriacontane (C32)	17.821	5731685	42.749 ug/ml
19) T n-Tetratriacontane (C34)	18.604	5327362	40.855 ug/ml
20) T n-Hexatriacontane (C36)	19.345	4736256	39.888 ug/mlm
21) T n-Octatriacontane (C38)	20.069	4305193	39.198 ug/ml
22) T n-Tetracontane (C40)	20.959	4100015	41.065 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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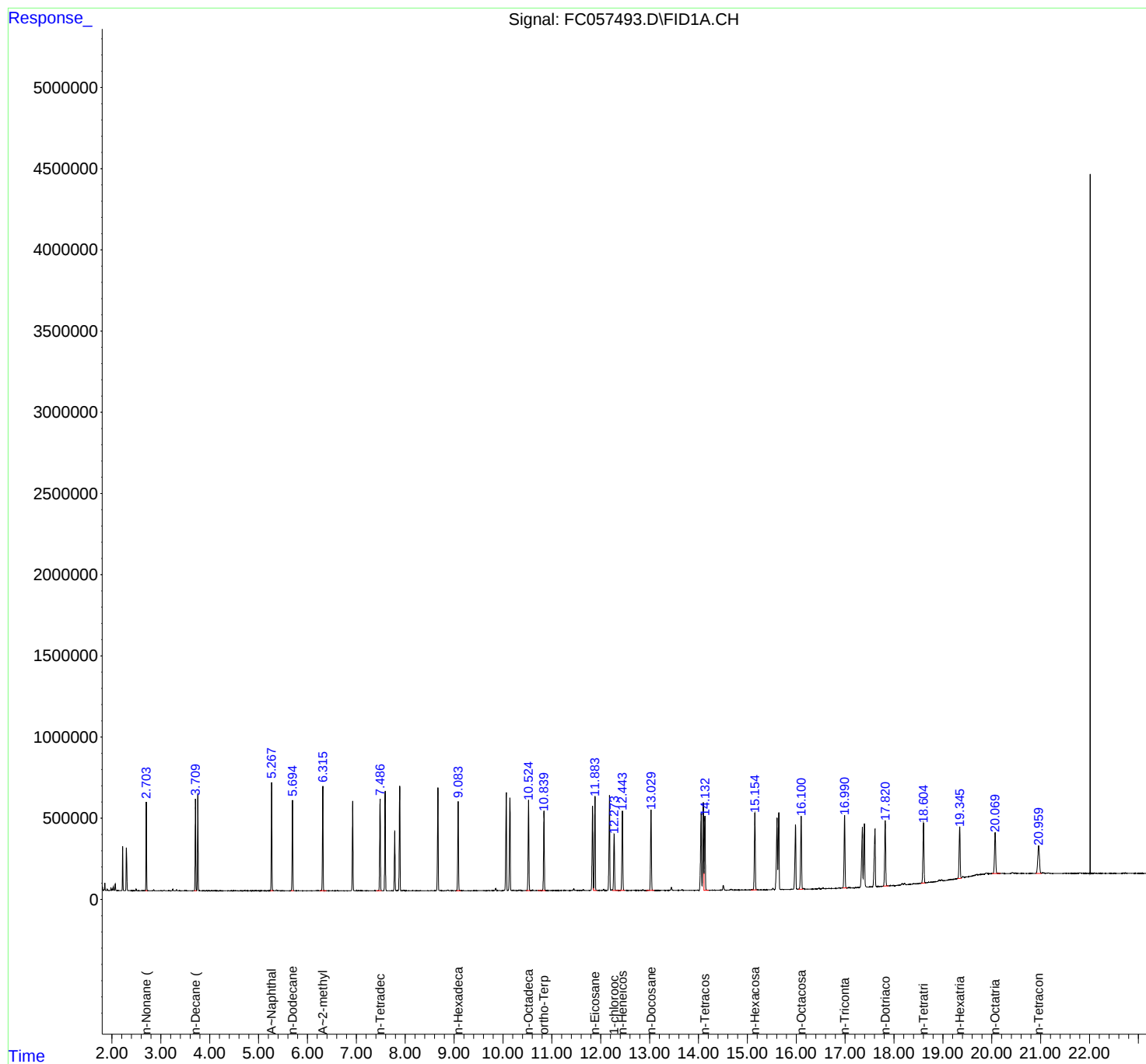
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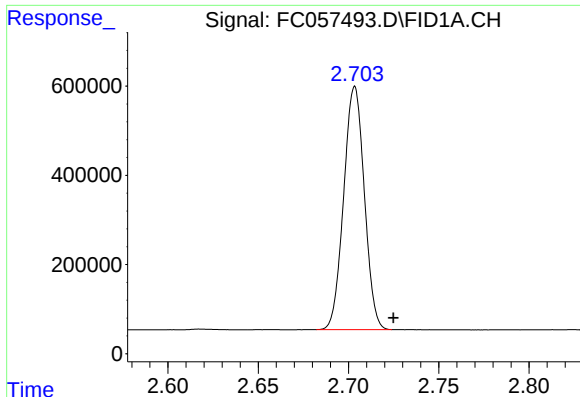
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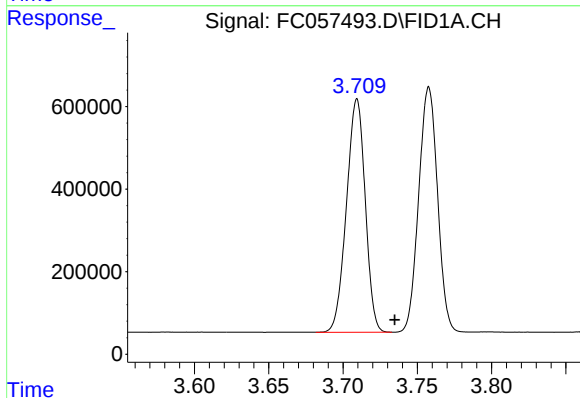
#1 n-Nonane (C9)

R.T.: 2.703 min
Delta R.T.: -0.022 min
Response: 4345342
Conc: 35.17 ug/ml

Instrument :
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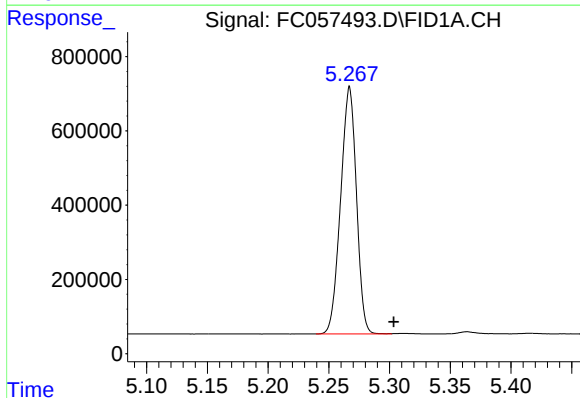
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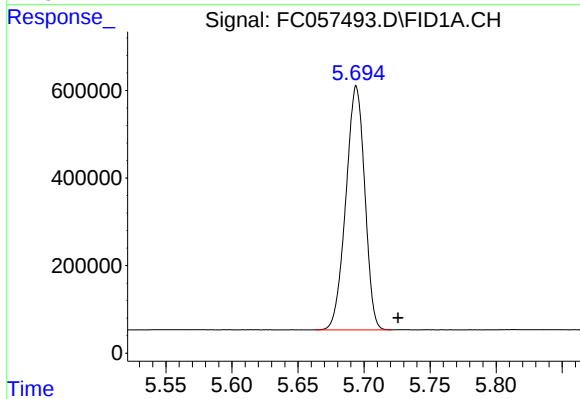
#2 n-Decane (C10)

R.T.: 3.709 min
Delta R.T.: -0.026 min
Response: 4972017
Conc: 39.92 ug/ml m



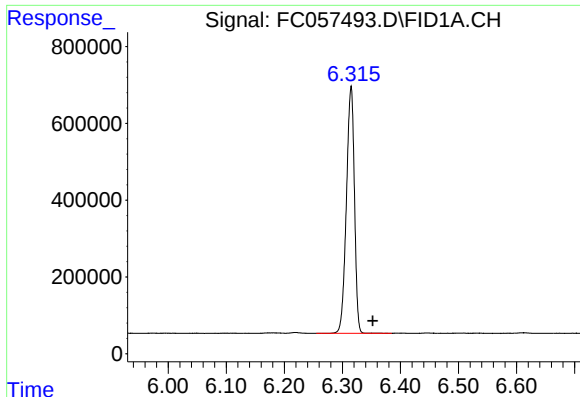
#3 A~Naphthalene (C11.7)

R.T.: 5.267 min
Delta R.T.: -0.037 min
Response: 6038594
Conc: 43.53 ug/ml m



#4 n-Dodecane (C12)

R.T.: 5.694 min
Delta R.T.: -0.032 min
Response: 5550911
Conc: 44.95 ug/ml m



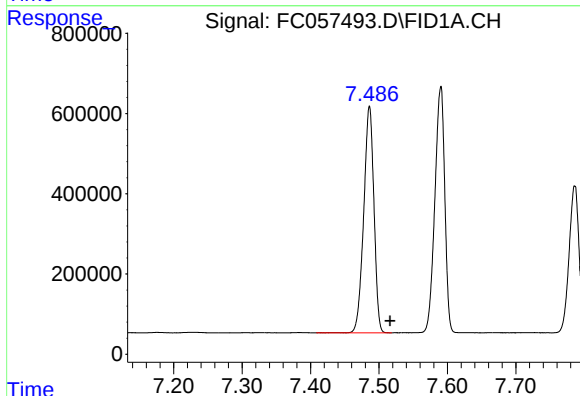
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.315 min
Delta R.T.: -0.038 min
Response: 6172993
Conc: 44.14 ug/ml

Instrument :
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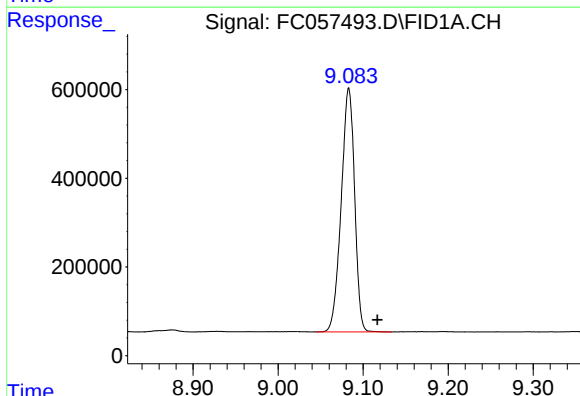
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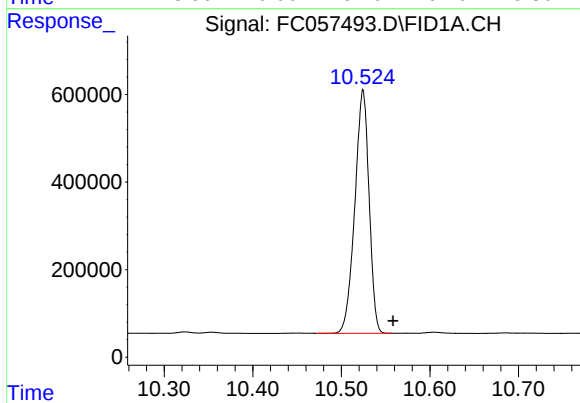
#6 n-Tetradecane (C14)

R.T.: 7.486 min
Delta R.T.: -0.030 min
Response: 5862154
Conc: 47.34 ug/ml



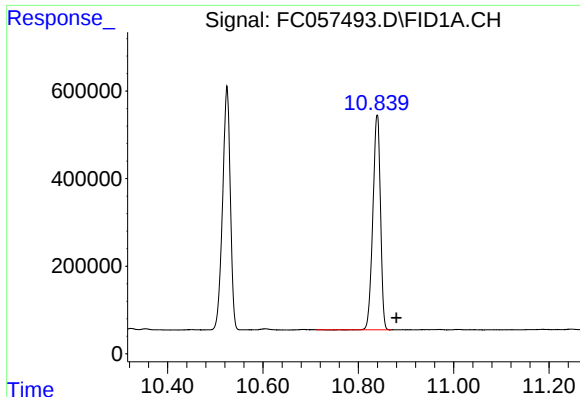
#7 n-Hexadecane (C16)

R.T.: 9.083 min
Delta R.T.: -0.033 min
Response: 6021568
Conc: 48.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.524 min
Delta R.T.: -0.034 min
Response: 6213657
Conc: 48.00 ug/ml



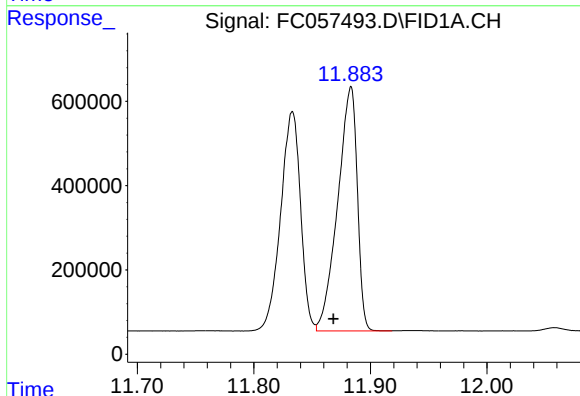
#9 ortho-Terphenyl (SURR)

R.T.: 10.839 min
Delta R.T.: -0.040 min
Response: 5467522
Conc: 39.29 ug/ml

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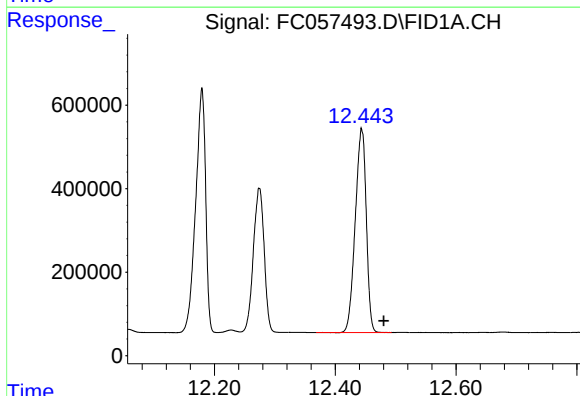
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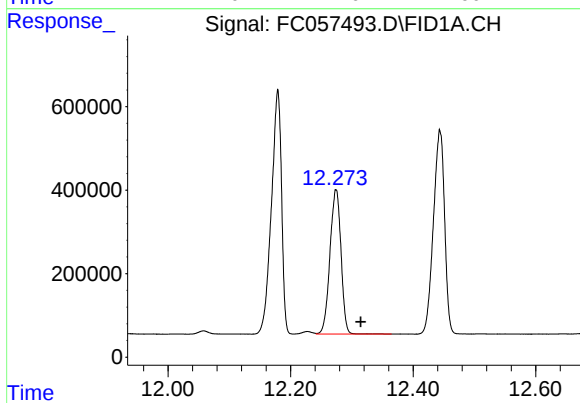
#10 n-Eicosane (C20)

R.T.: 11.882 min
Delta R.T.: 0.014 min
Response: 6766541
Conc: 52.09 ug/ml



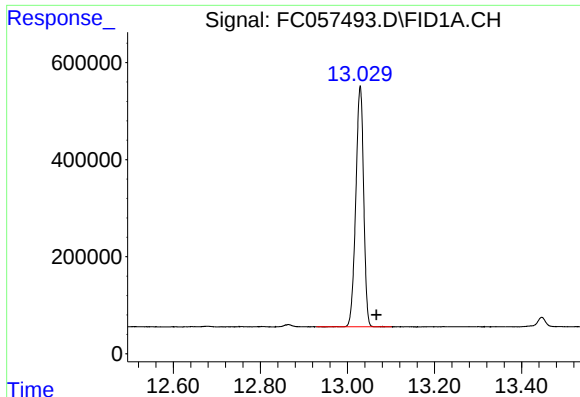
#11 n-Heneicosane (C21)

R.T.: 12.444 min
Delta R.T.: -0.037 min
Response: 6182052
Conc: 47.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.274 min
Delta R.T.: -0.040 min
Response: 4331526
Conc: 39.11 ug/ml



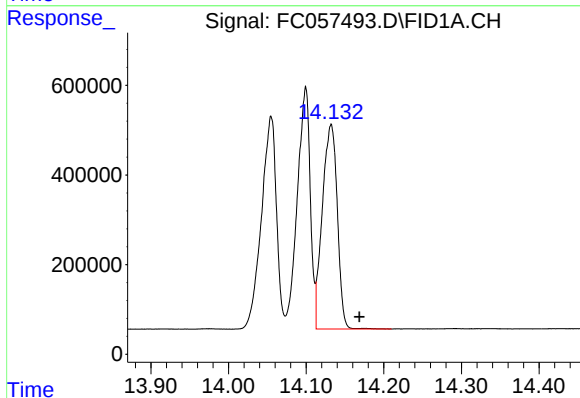
#13 n-Docosane (C22)

R.T.: 13.029 min
Delta R.T.: -0.037 min
Response: 6208665
Conc: 47.24 ug/ml

Instrument :
FID_C
ClientSampleId :
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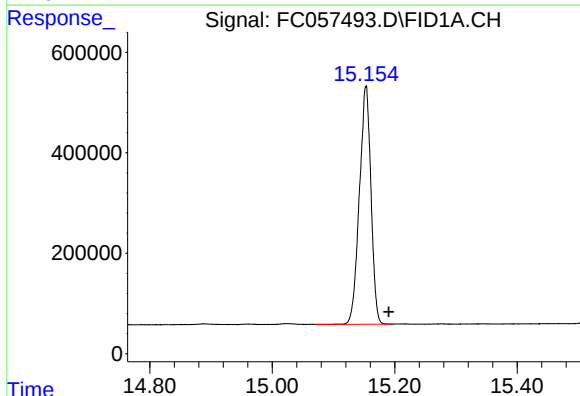
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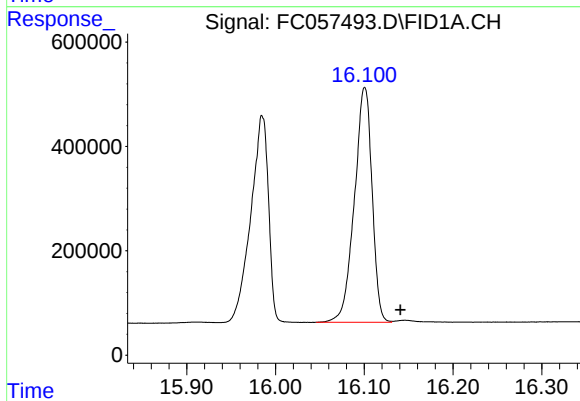
#14 n-Tetracosane (C24)

R.T.: 14.132 min
Delta R.T.: -0.037 min
Response: 6110729
Conc: 45.94 ug/ml



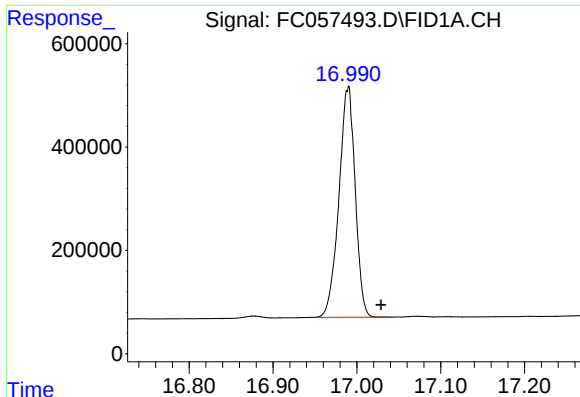
#15 n-Hexacosane (C26)

R.T.: 15.153 min
Delta R.T.: -0.037 min
Response: 6223811
Conc: 47.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.100 min
Delta R.T.: -0.040 min
Response: 6231634
Conc: 47.39 ug/ml m



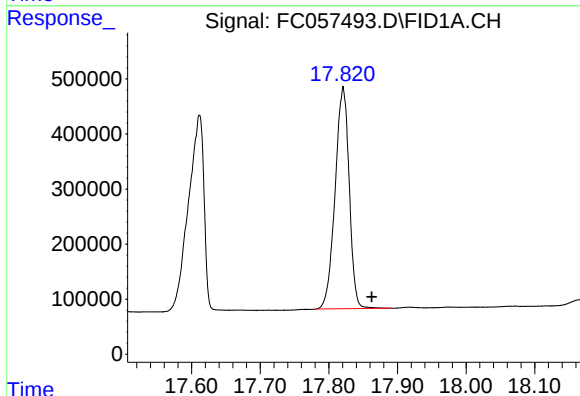
#17 n-Tricontane (C30)

R.T.: 16.989 min
Delta R.T.: -0.039 min
Response: 6016993
Conc: 44.03 ug/ml

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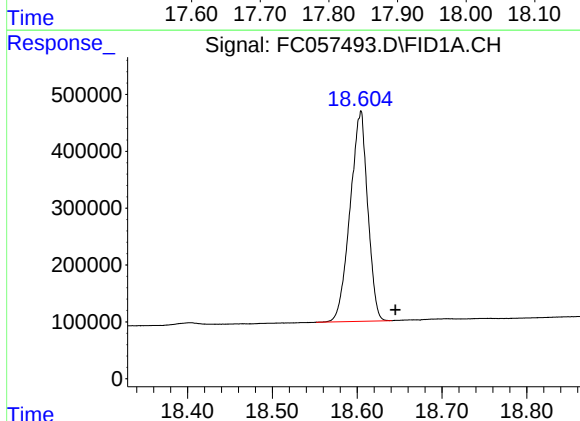
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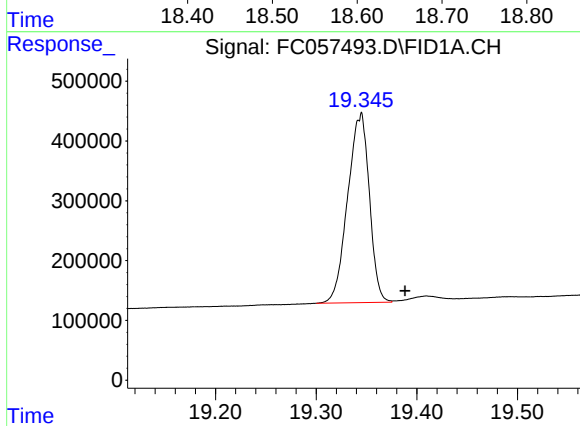
#18 n-Dotriacontane (C32)

R.T.: 17.821 min
Delta R.T.: -0.042 min
Response: 5731685
Conc: 42.75 ug/ml



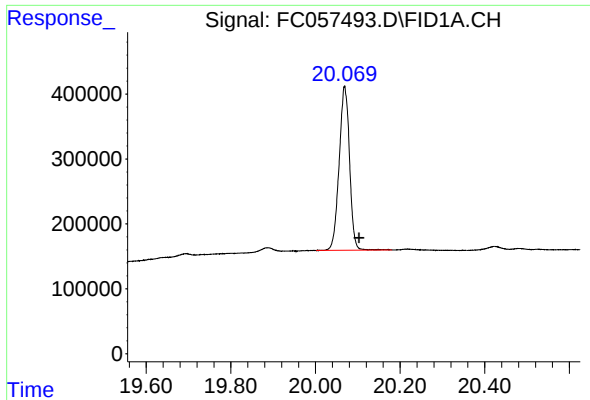
#19 n-Tetratriacontane (C34)

R.T.: 18.604 min
Delta R.T.: -0.041 min
Response: 5327362
Conc: 40.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.345 min
Delta R.T.: -0.043 min
Response: 4736256
Conc: 39.89 ug/ml m



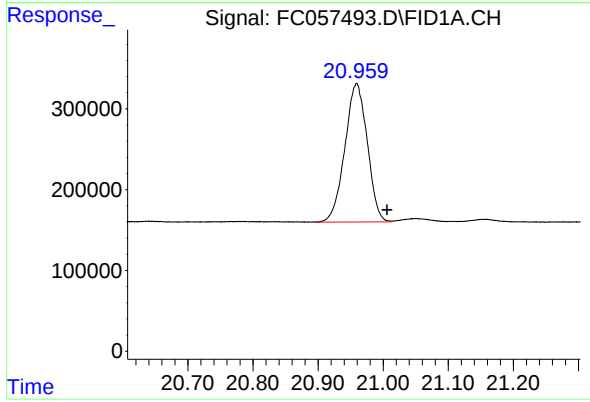
#21 n-Octatriacontane (C38)

R.T.: 20.069 min
Delta R.T.: -0.034 min
Response: 4305193
Conc: 39.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.959 min
Delta R.T.: -0.047 min
Response: 4100015
Conc: 41.06 ug/ml m