

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120721AL\
 Data File : FC057281.D
 Signal(s) : FID1A.CH
 Acq On : 08 Dec 2021 3:29
 Operator : AJ\MA
 Sample : M4949-02MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 VNJ-221-EPH-2MSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/08/2021
 Supervised By :mohammad ahmed 12/08/2021

Integration File: sample.E
 Quant Time: Dec 08 04:30:21 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)	11.584	4729680	40.757 ug/mlm
Spiked Amount 50.000		Recovery =	81.51%
12) S 1-chlorooctadecane (S...	13.016	3639037	39.973 ug/ml
Spiked Amount 50.000		Recovery =	79.95%
Target Compounds			
1) T n-Nonane (C9)	3.349	3043169	30.032 ug/ml
2) T n-Decane (C10)	4.416	3497642	34.928 ug/ml
3) T A~Naphthalene (C11.7)	6.002	4201417	37.626 ug/ml
4) T n-Dodecane (C12)	6.432	3872973	38.198 ug/ml
5) T A~2-methylnaphthalene...	7.060	4334977	39.316 ug/ml
6) T n-Tetradecane (C14)	8.227	4310629	42.545 ug/ml
7) T n-Hexadecane (C16)	9.825	4608190	44.907 ug/ml
8) T n-Octadecane (C18)	11.265	4780081	44.616 ug/ml
10) T n-Eicosane (C20)	12.572	4688246	43.834 ug/mlm
11) T n-Heneicosane (C21)	13.182	4584953	42.338 ug/mlm
13) T n-Docosane (C22)	13.767	4540188	42.379 ug/ml
14) T n-Tetracosane (C24)	14.866	8877490	82.005 ug/ml
15) T n-Hexacosane (C26)	15.887	4285667	40.234 ug/mlm
16) T n-Octacosane (C28)	16.831	4245336	39.800 ug/ml
17) T n-Tricontane (C30)	17.718	4127674	38.726 ug/ml
18) T n-Dotriacontane (C32)	18.545	4013413	38.049 ug/ml
19) T n-Tetratriacontane (C34)	19.325	3856180	37.119 ug/ml
20) T n-Hexatriacontane (C36)	20.061	3632357	35.961 ug/mlm
21) T n-Octatriacontane (C38)	20.789	3424895	37.310 ug/ml
22) T n-Tetracontane (C40)	21.693	3451713	38.317 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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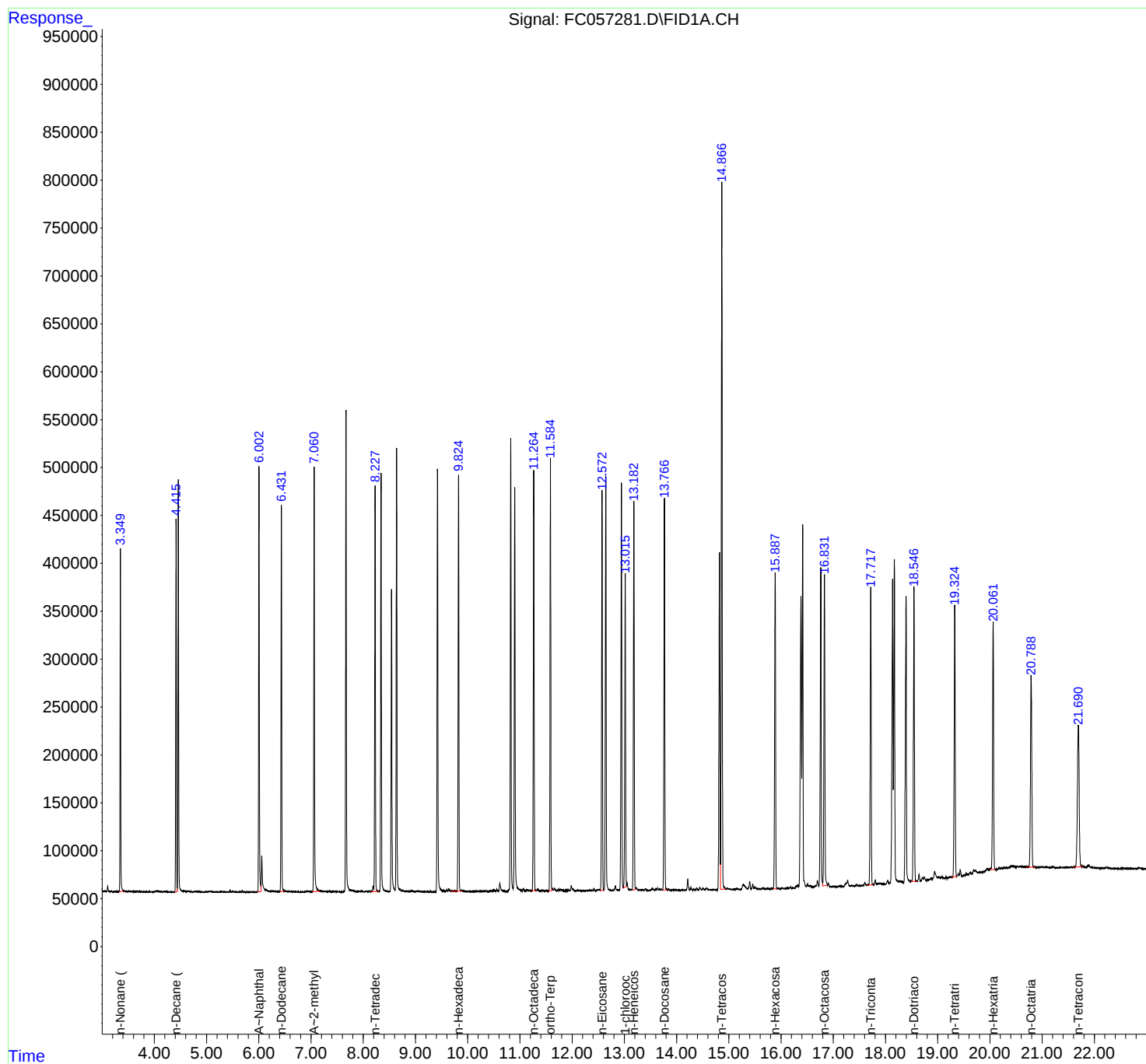
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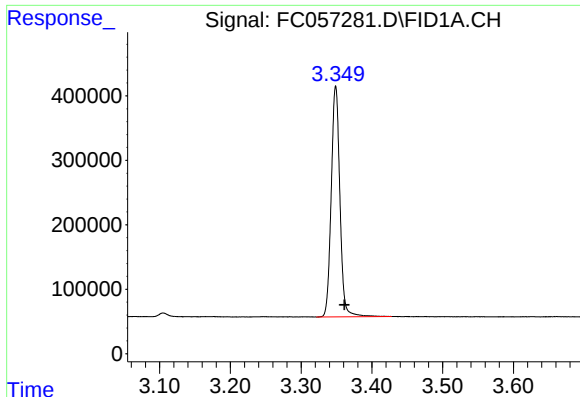
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#1 n-Nonane (C9)

R.T.: 3.349 min
Delta R.T.: -0.012 min
Response: 3043169
Conc: 30.03 ug/ml

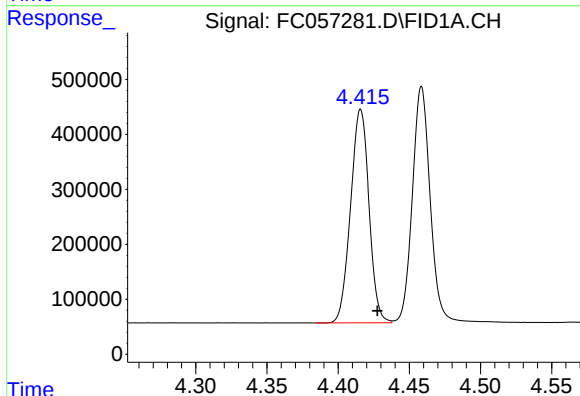
Instrument :

FID_C

ClientSampleId :
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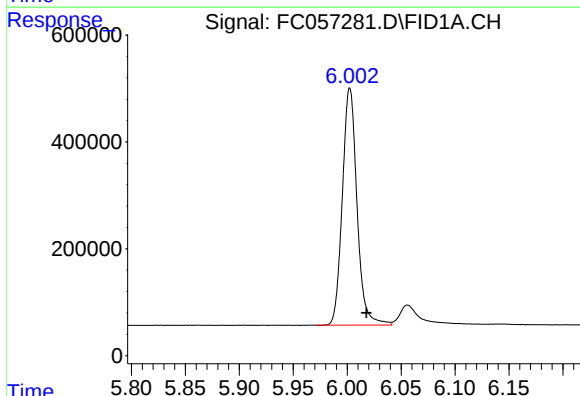
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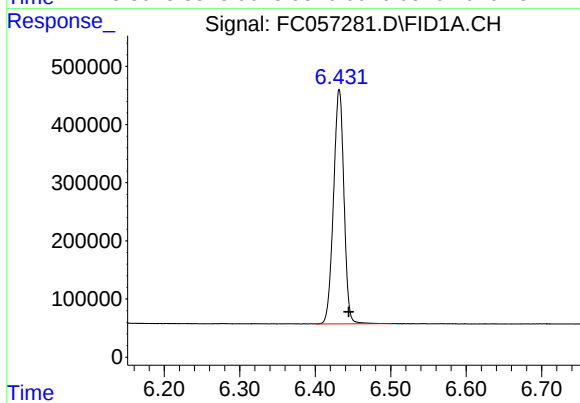
#2 n-Decane (C10)

R.T.: 4.416 min
Delta R.T.: -0.012 min
Response: 3497642
Conc: 34.93 ug/ml



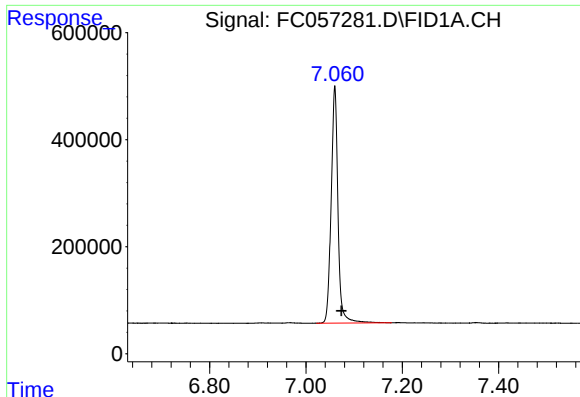
#3 A~Naphthalene (C11.7)

R.T.: 6.002 min
Delta R.T.: -0.015 min
Response: 4201417
Conc: 37.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.432 min
Delta R.T.: -0.013 min
Response: 3872973
Conc: 38.20 ug/ml



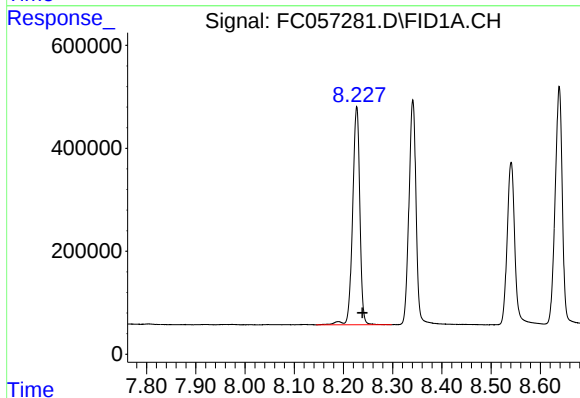
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.060 min
Delta R.T.: -0.014 min
Response: 4334977
Conc: 39.32 ug/ml

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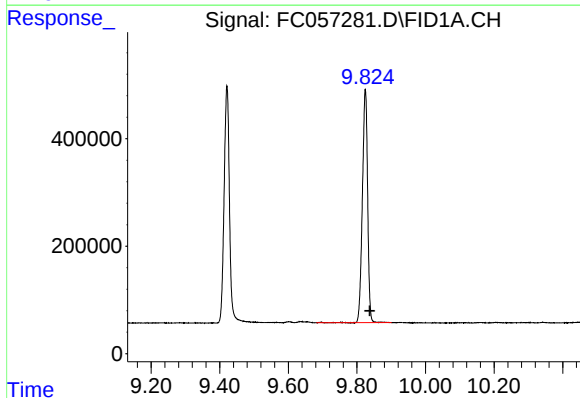
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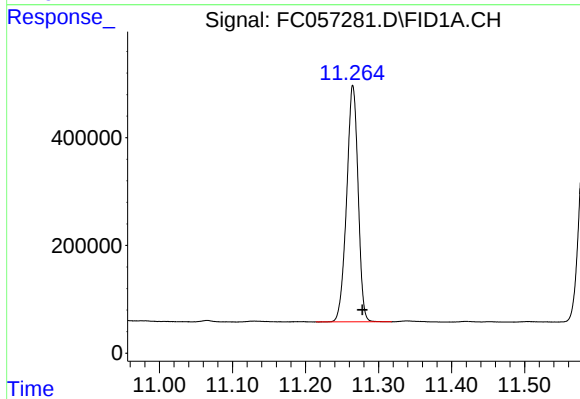
#6 n-Tetradecane (C14)

R.T.: 8.227 min
Delta R.T.: -0.012 min
Response: 4310629
Conc: 42.54 ug/ml



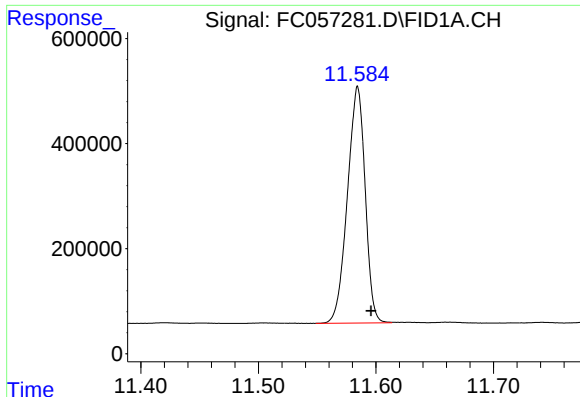
#7 n-Hexadecane (C16)

R.T.: 9.825 min
Delta R.T.: -0.013 min
Response: 4608190
Conc: 44.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.265 min
Delta R.T.: -0.013 min
Response: 4780081
Conc: 44.62 ug/ml



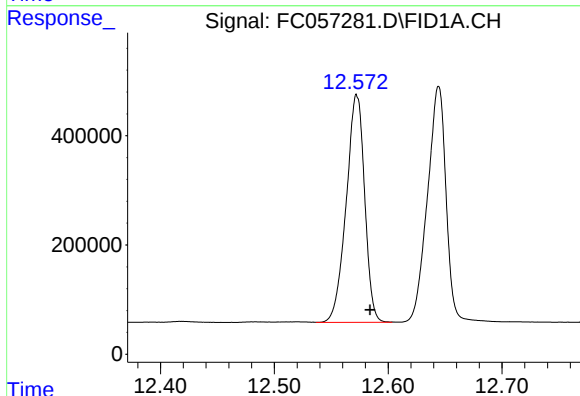
#9 ortho-Terphenyl (SURR)

R.T.: 11.584 min
Delta R.T.: -0.012 min
Response: 4729680
Conc: 40.76 ug/ml

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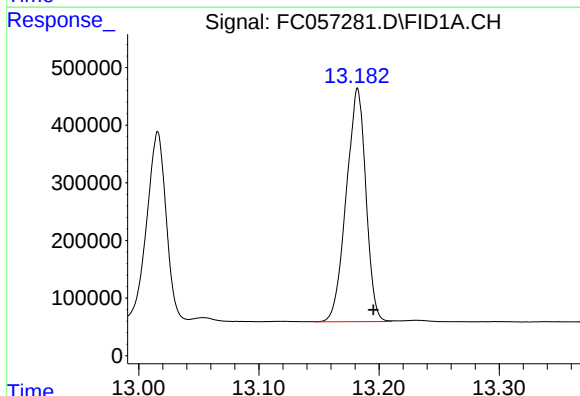
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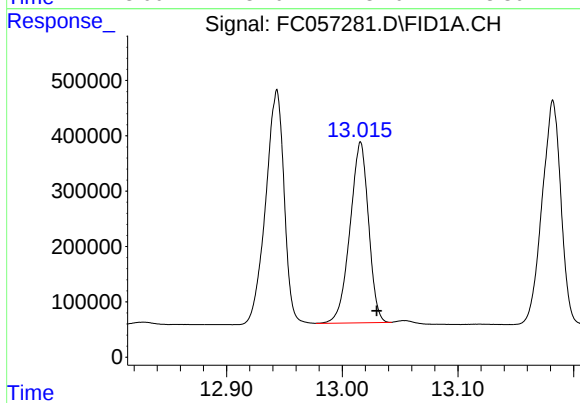
#10 n-Eicosane (C20)

R.T.: 12.572 min
Delta R.T.: -0.013 min
Response: 4688246
Conc: 43.83 ug/ml m



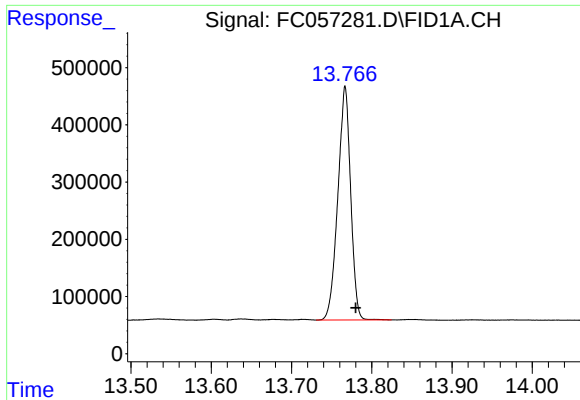
#11 n-Heneicosane (C21)

R.T.: 13.182 min
Delta R.T.: -0.014 min
Response: 4584953
Conc: 42.34 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.016 min
Delta R.T.: -0.014 min
Response: 3639037
Conc: 39.97 ug/ml



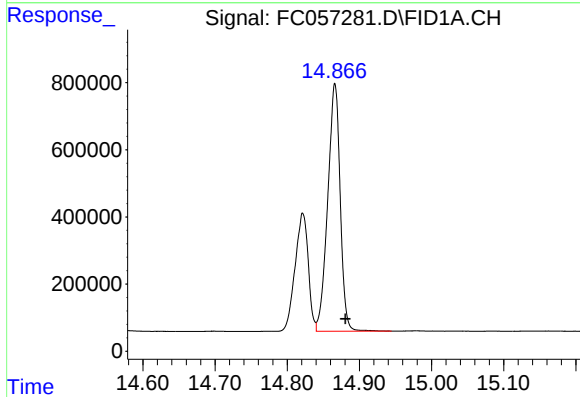
#13 n-Docosane (C22)

R.T.: 13.767 min
Delta R.T.: -0.013 min
Response: 4540188
Conc: 42.38 ug/ml

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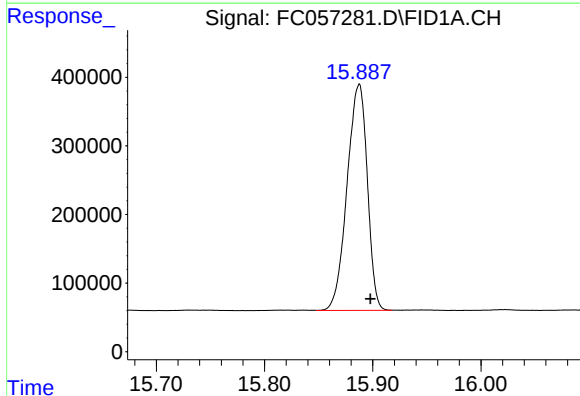
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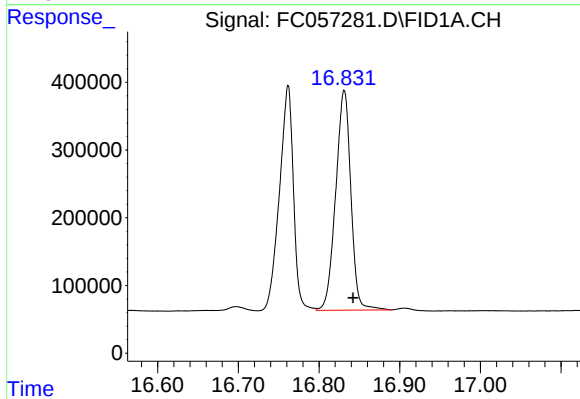
#14 n-Tetracosane (C24)

R.T.: 14.866 min
Delta R.T.: -0.015 min
Response: 8877490
Conc: 82.00 ug/ml



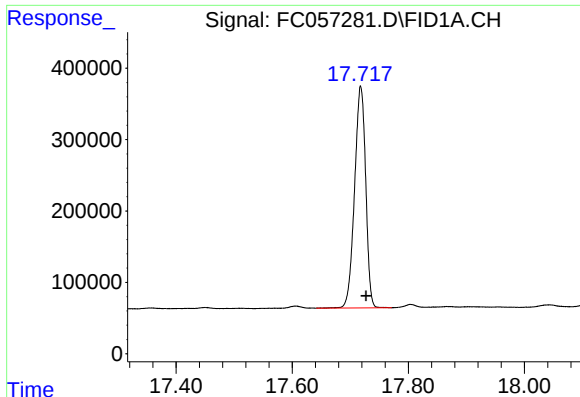
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: -0.011 min
Response: 4285667
Conc: 40.23 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.831 min
Delta R.T.: -0.011 min
Response: 4245336
Conc: 39.80 ug/ml



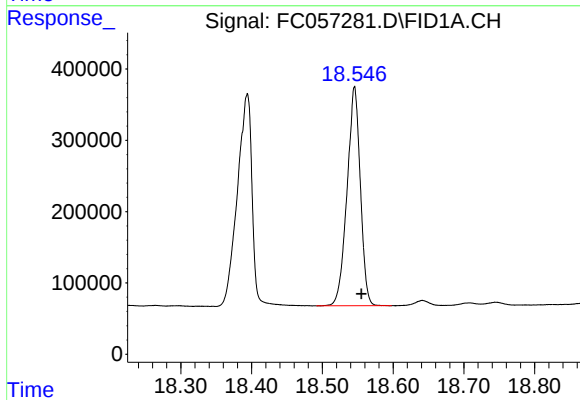
#17 n-Tricontane (C30)

R.T.: 17.718 min
Delta R.T.: -0.009 min
Response: 4127674
Conc: 38.73 ug/ml

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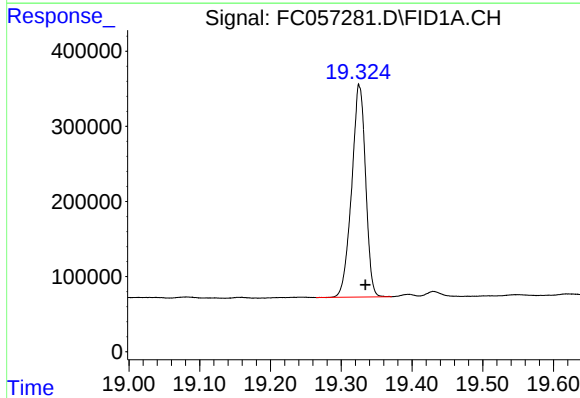
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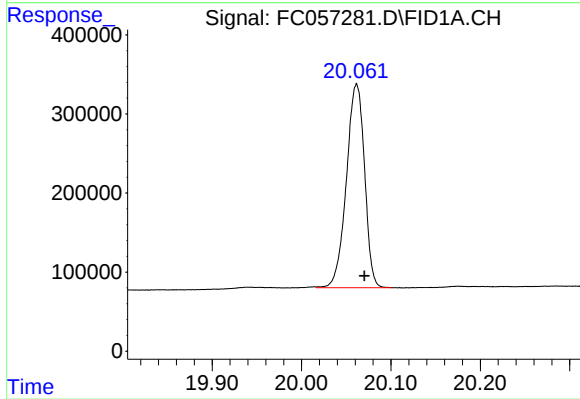
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: -0.010 min
Response: 4013413
Conc: 38.05 ug/ml



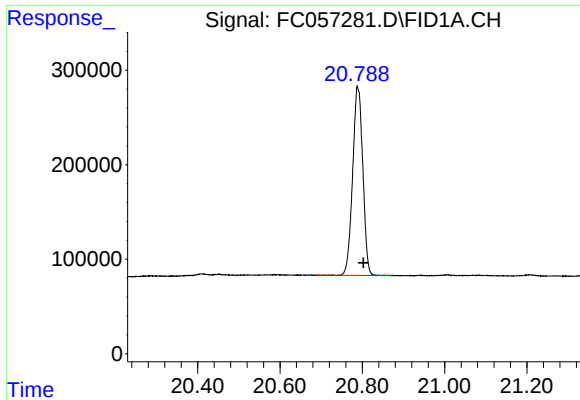
#19 n-Tetratriacontane (C34)

R.T.: 19.325 min
Delta R.T.: -0.009 min
Response: 3856180
Conc: 37.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.061 min
Delta R.T.: -0.009 min
Response: 3632357
Conc: 35.96 ug/ml m



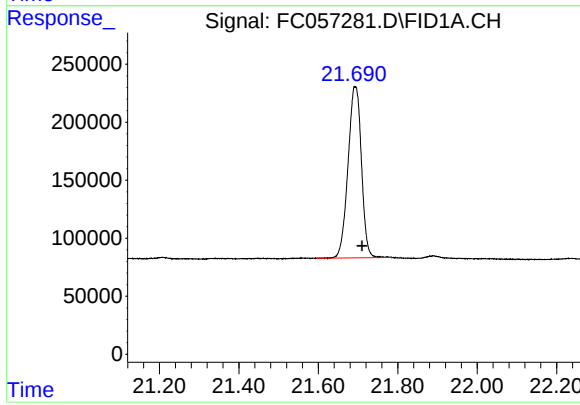
#21 n-Octatriacontane (C38)

R.T.: 20.789 min
Delta R.T.: -0.014 min
Response: 3424895
Conc: 37.31 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.693 min
Delta R.T.: -0.017 min
Response: 3451713
Conc: 38.32 ug/ml