

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060622AL\
 Data File : FE035919.D
 Signal(s) : FID1B.CH
 Acq On : 06 Jun 2022 18:24
 Operator : YP\AJ
 Sample : N3168-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HELENS-0602MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/07/2022
 Supervised By :Ankita Jodhani 06/07/2022

Integration File: sample.E
 Quant Time: Jun 07 01:24:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 03:24:10 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)	10.956	5409905	40.783 ug/ml
Spiked Amount 50.000		Recovery =	81.57%
12) S 1-chlorooctadecane (S...	12.386	4273969	40.858 ug/ml
Spiked Amount 50.000		Recovery =	81.72%
Target Compounds			
1) T n-Nonane (C9)	2.804	3499556	29.302 ug/ml
2) T n-Decane (C10)	3.820	3905055	33.000 ug/ml
3) T A~Naphthalene (C11.7)	5.386	4765970	35.667 ug/ml
4) T n-Dodecane (C12)	5.808	4278892	35.715 ug/ml
5) T A~2-methylnaphthalene...	6.436	4908809	36.299 ug/ml
6) T n-Tetradecane (C14)	7.599	4673837	39.214 ug/ml
7) T n-Hexadecane (C16)	9.195	5059711	42.433 ug/ml
8) T n-Octadecane (C18)	10.636	5407280	45.108 ug/ml
10) T n-Eicosane (C20)	11.942	5358574	44.917 ug/ml
11) T n-Heneicosane (C21)	12.553	5320355	44.312 ug/ml
13) T n-Docosane (C22)	13.137	5325176	44.219 ug/ml
14) T n-Tetracosane (C24)	14.231	10552867	87.214 ug/ml
15) T n-Hexacosane (C26)	15.258	5257867	43.449 ug/mlm
16) T n-Octacosane (C28)	16.206	5250764	43.325 ug/ml
17) T n-Tricontane (C30)	17.094	5172136	43.014 ug/mlm
18) T n-Dotriacontane (C32)	17.922	5132006	44.656 ug/mlm
19) T n-Tetratriacontane (C34)	18.705	4954748	45.803 ug/mlm
20) T n-Hexatriacontane (C36)	19.444	4568742	45.354 ug/mlm
21) T n-Octatriacontane (C38)	20.182	4357091	45.731 ug/mlm
22) T n-Tetracontane (C40)	21.101	4589655	49.147 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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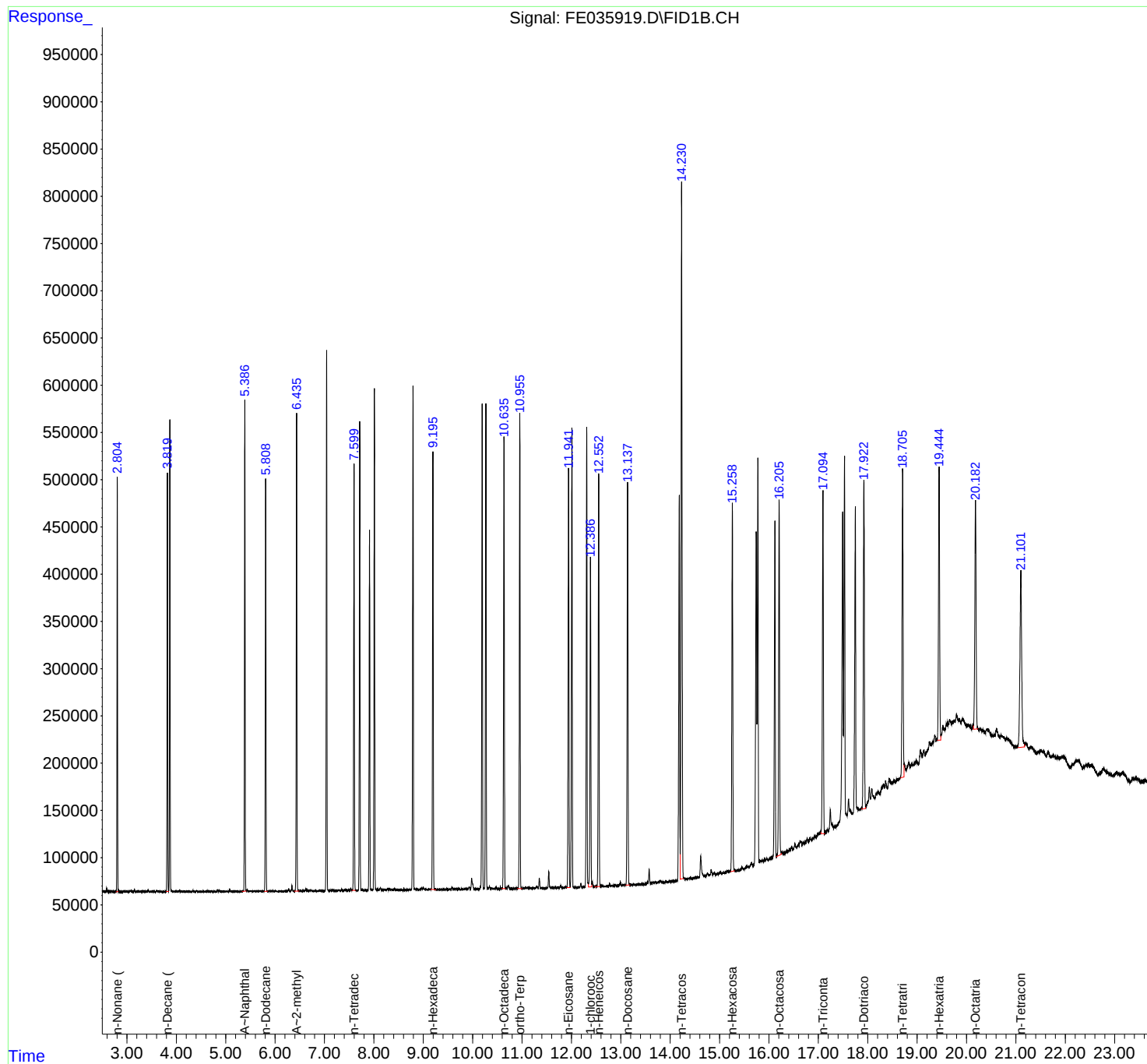
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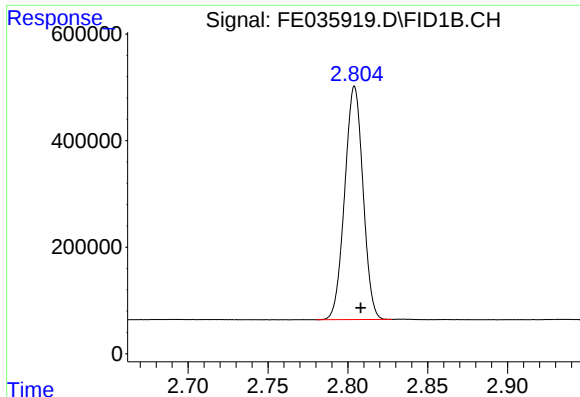
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#1 n-Nonane (C9)

R.T.: 2.804 min
Delta R.T.: -0.004 min
Response: 3499556
Conc: 29.30 ug/ml

Instrument :

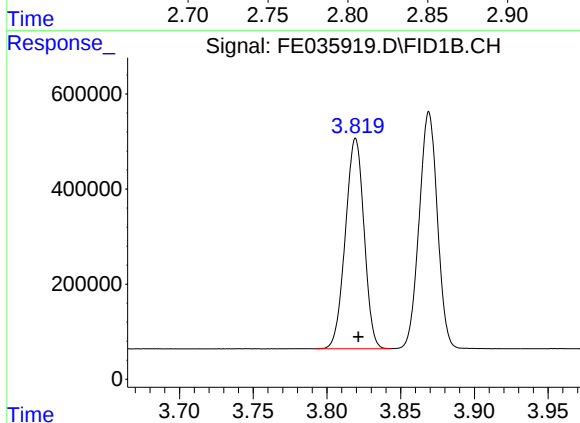
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ClientSampleId :

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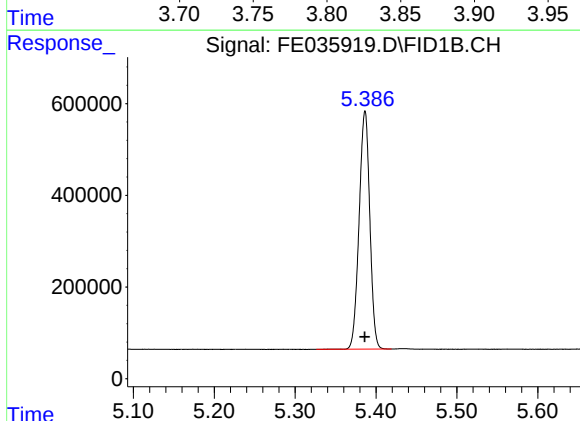
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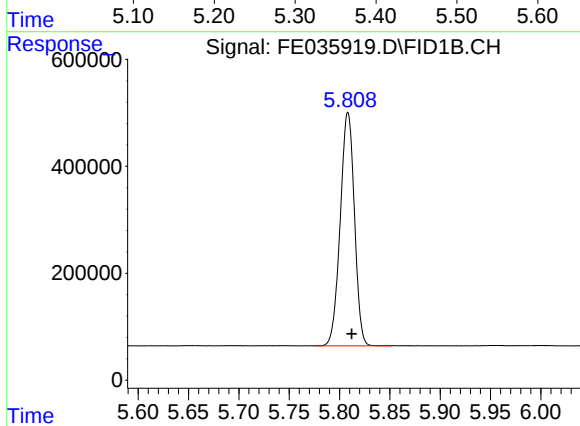
#2 n-Decane (C10)

R.T.: 3.820 min
Delta R.T.: -0.002 min
Response: 3905055
Conc: 33.00 ug/ml



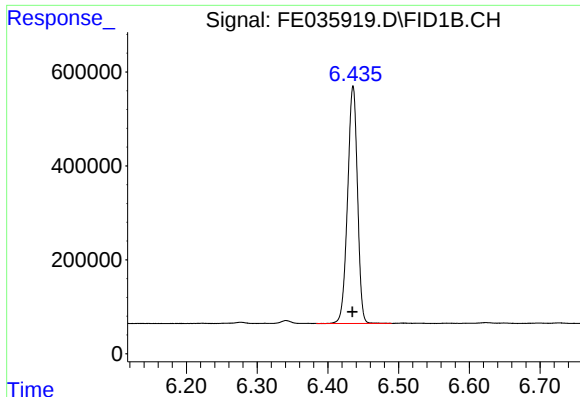
#3 A~Naphthalene (C11.7)

R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 4765970
Conc: 35.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.808 min
Delta R.T.: -0.004 min
Response: 4278892
Conc: 35.71 ug/ml



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

R.T.: 6.436 min
Delta R.T.: 0.001 min
Response: 4908809
Conc: 36.30 ug/ml

Instrument :

FID_E

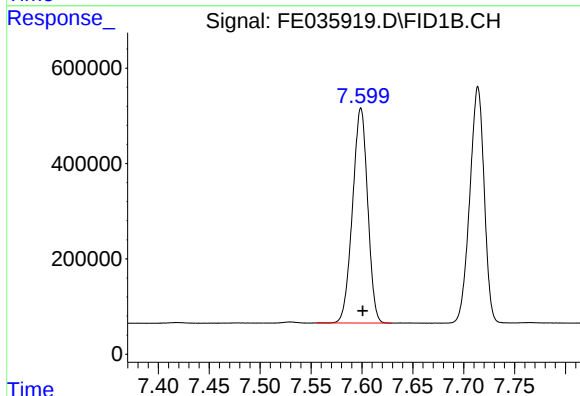
ClientSampleId :

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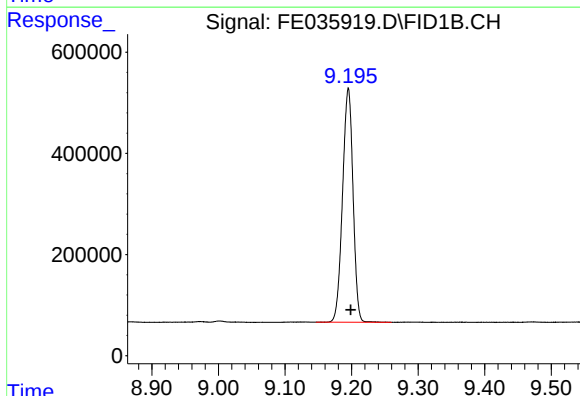
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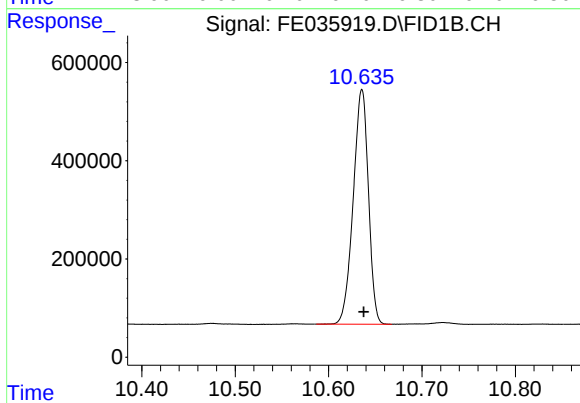
#6 n-Tetradecane (C14)

R.T.: 7.599 min
Delta R.T.: -0.002 min
Response: 4673837
Conc: 39.21 ug/ml



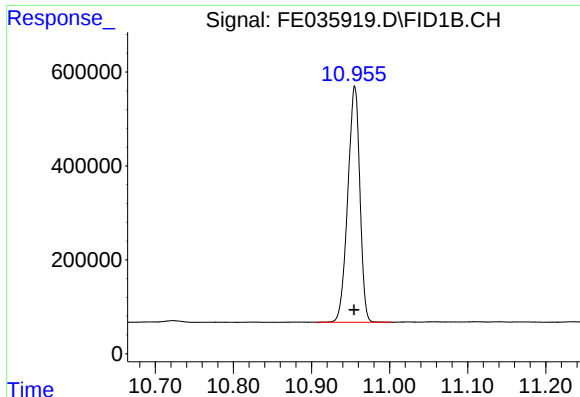
#7 n-Hexadecane (C16)

R.T.: 9.195 min
Delta R.T.: -0.003 min
Response: 5059711
Conc: 42.43 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.636 min
Delta R.T.: -0.002 min
Response: 5407280
Conc: 45.11 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.956 min
Delta R.T.: 0.000 min
Response: 5409905
Conc: 40.78 ug/ml

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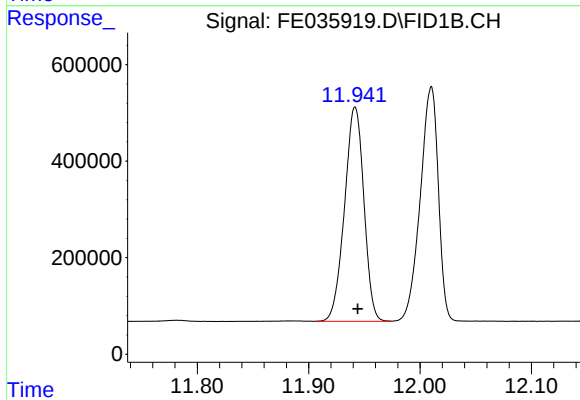
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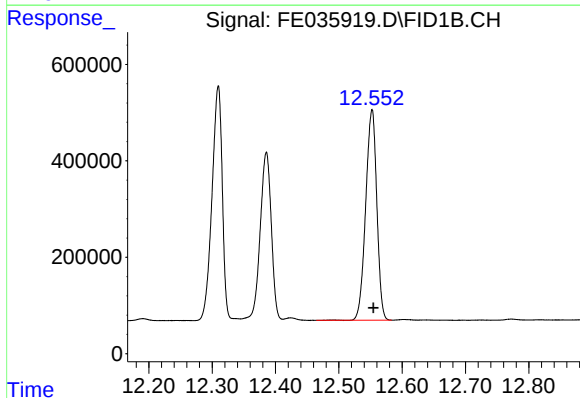
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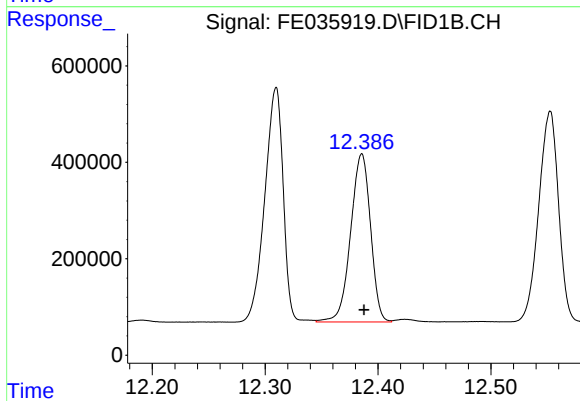
#10 n-Eicosane (C20)

R.T.: 11.942 min
Delta R.T.: -0.002 min
Response: 5358574
Conc: 44.92 ug/ml



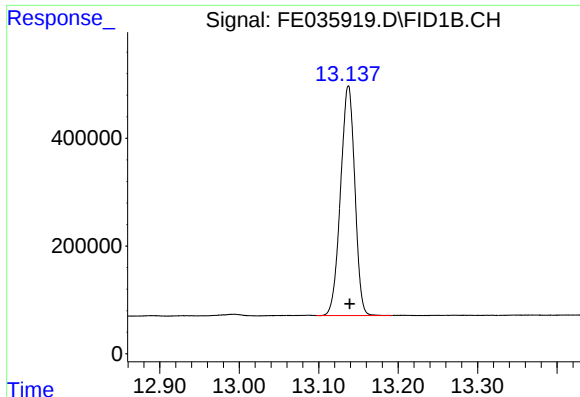
#11 n-Heneicosane (C21)

R.T.: 12.553 min
Delta R.T.: -0.002 min
Response: 5320355
Conc: 44.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.386 min
Delta R.T.: -0.002 min
Response: 4273969
Conc: 40.86 ug/ml



#13 n-Docosane (C22)

R.T.: 13.137 min
Delta R.T.: -0.002 min
Response: 5325176
Conc: 44.22 ug/ml

Instrument :

FID_E

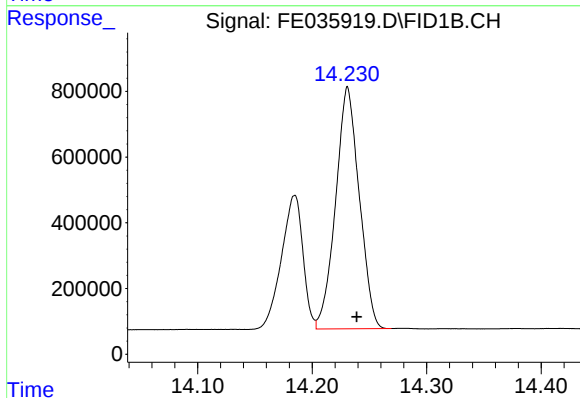
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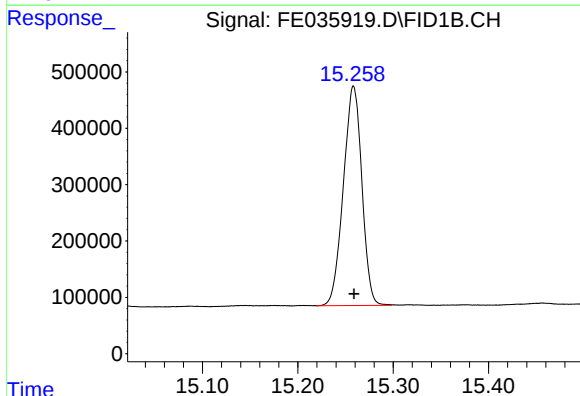
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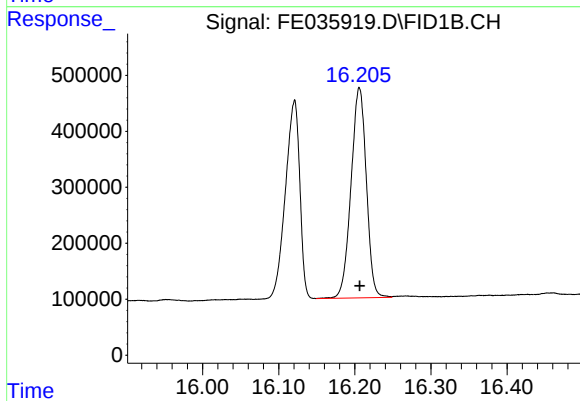
#14 n-Tetracosane (C24)

R.T.: 14.231 min
Delta R.T.: -0.008 min
Response: 10552867
Conc: 87.21 ug/ml



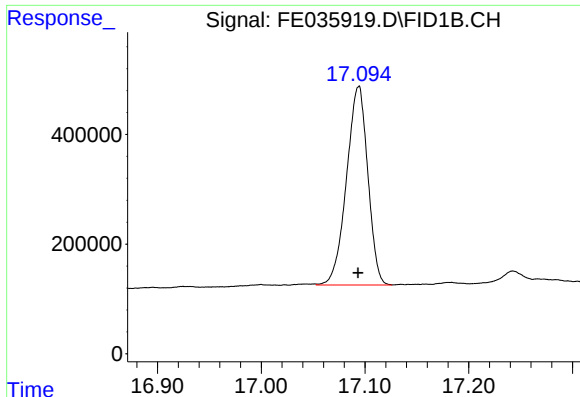
#15 n-Hexacosane (C26)

R.T.: 15.258 min
Delta R.T.: -0.001 min
Response: 5257867
Conc: 43.45 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.206 min
Delta R.T.: 0.000 min
Response: 5250764
Conc: 43.32 ug/ml



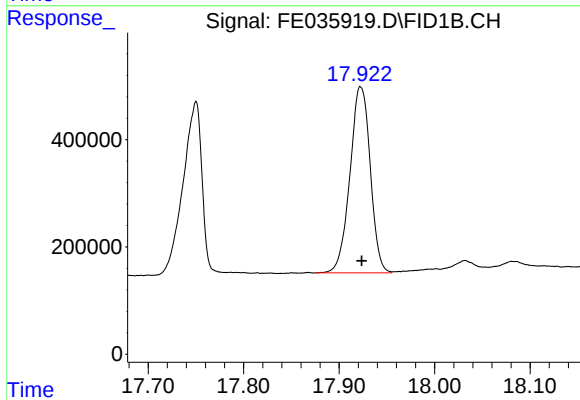
#17 n-Tricontane (C30)

R.T.: 17.094 min
Delta R.T.: 0.001 min
Response: 5172136
Conc: 43.01 ug/ml

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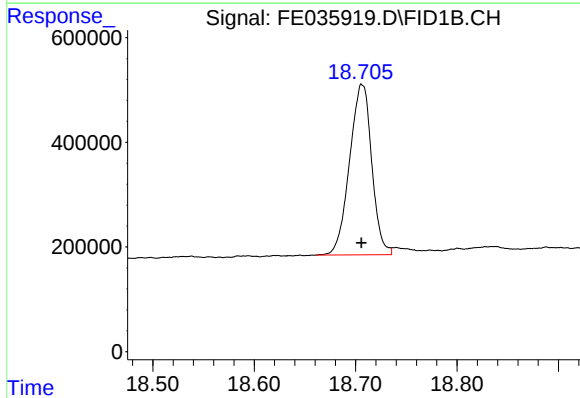
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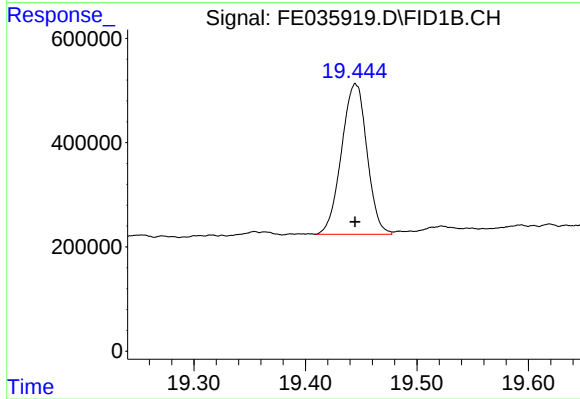
#18 n-Dotriacontane (C32)

R.T.: 17.922 min
Delta R.T.: -0.002 min
Response: 5132006
Conc: 44.66 ug/ml m



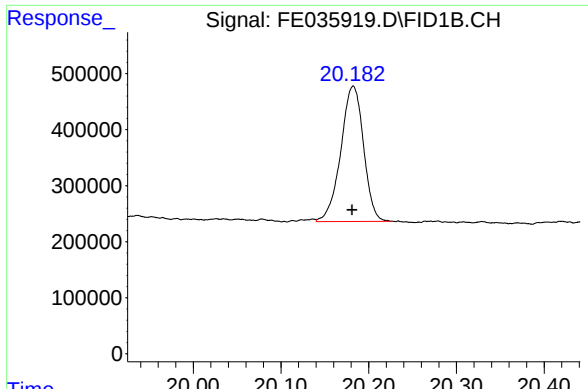
#19 n-Tetratriacontane (C34)

R.T.: 18.705 min
Delta R.T.: 0.000 min
Response: 4954748
Conc: 45.80 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.444 min
Delta R.T.: 0.000 min
Response: 4568742
Conc: 45.35 ug/ml m



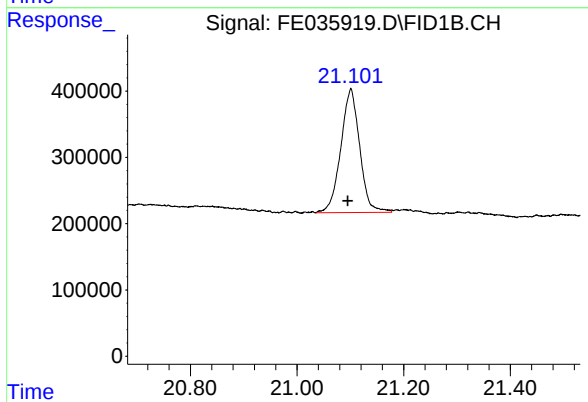
#21 n-Octatriacontane (C38)

R.T.: 20.182 min
Delta R.T.: 0.001 min
Response: 4357091
Conc: 45.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.101 min
Delta R.T.: 0.006 min
Response: 4589655
Conc: 49.15 ug/ml m