

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060222AL\
 Data File : FC060075.D
 Signal(s) : FID1A.CH
 Acq On : 03 Jun 2022 6:40
 Operator : UA/NP
 Sample : PB145266BSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB145266BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/03/2022
 Supervised By :Ankita Jodhani 06/03/2022

Integration File: sample.E
 Quant Time: Jun 03 07:17:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 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)	10.652	7286218	46.820 ug/ml
Spiked Amount 50.000		Recovery =	93.64%
12) S 1-chlorooctadecane (S...	12.020	6044788	48.753 ug/ml
Spiked Amount 50.000		Recovery =	97.51%
Target Compounds			
1) T n-Nonane (C9)	2.645	5301346	41.421 ug/ml
2) T n-Decane (C10)	3.634	5484262	42.869 ug/ml
3) T A~Naphthalene (C11.7)	5.163	6938940	48.007 ug/ml
4) T n-Dodecane (C12)	5.581	6218955	46.652 ug/ml
5) T A~2-methylnaphthalene...	6.187	7140643	48.652 ug/ml
6) T n-Tetradecane (C14)	7.335	6798386	49.800 ug/ml
7) T n-Hexadecane (C16)	8.897	7278201	51.873 ug/ml
8) T n-Octadecane (C18)	10.307	7700625	53.810 ug/ml
10) T n-Eicosane (C20)	11.586	7459858	52.287 ug/ml
11) T n-Heneicosane (C21)	12.183	7405014	51.661 ug/ml
13) T n-Docosane (C22)	12.758	7300153	51.230 ug/mlm
14) T n-Tetracosane (C24)	13.833	13521778	96.357 ug/mlm
15) T n-Hexacosane (C26)	14.834	6714070	49.581 ug/ml
16) T n-Octacosane (C28)	15.761	6796803	52.189 ug/mlm
17) T n-Tricontane (C30)	16.630	5968245	48.750 ug/ml
18) T n-Dotriacontane (C32)	17.439	5788083	51.913 ug/ml
19) T n-Tetratriacontane (C34)	18.204	5272763	51.696 ug/ml
20) T n-Hexatriacontane (C36)	18.924	4868025	51.405 ug/mlm
21) T n-Octatriacontane (C38)	19.609	4601647	49.876 ug/mlm
22) T n-Tetracontane (C40)	20.257	4552774	48.390 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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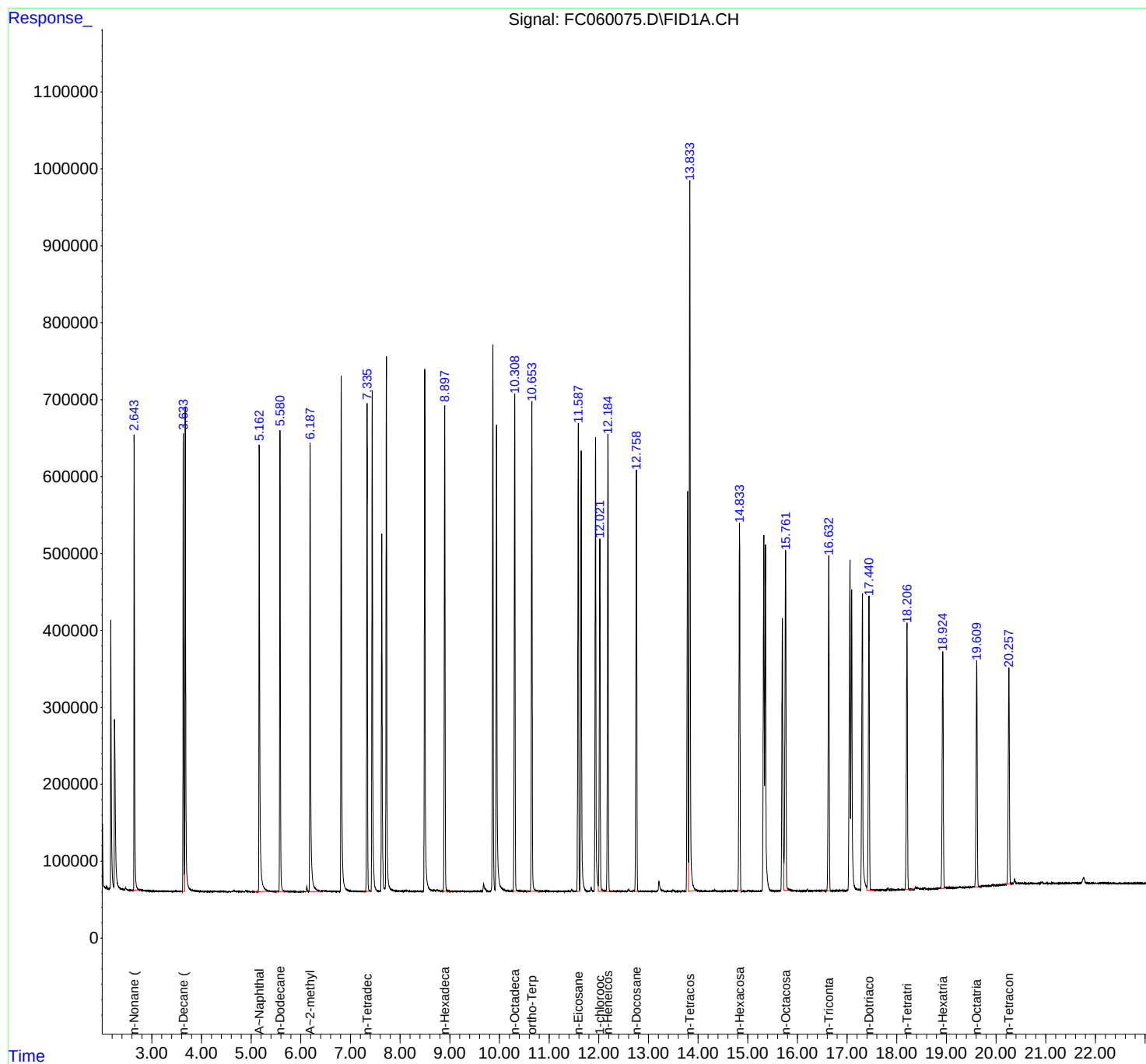
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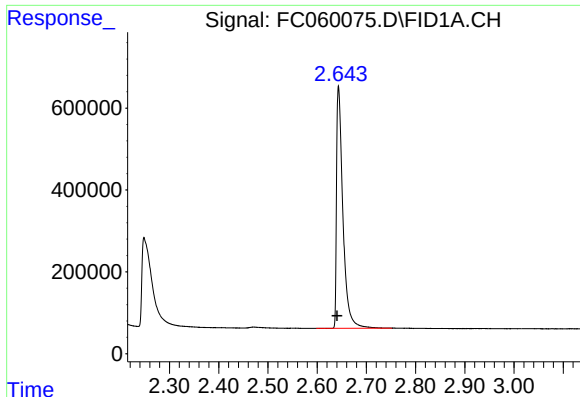
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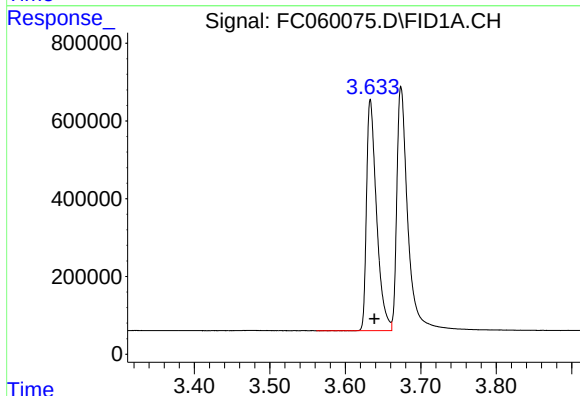
#1 n-Nonane (C9)

R.T.: 2.645 min
Delta R.T.: 0.004 min
Response: 5301346
Conc: 41.42 ug/ml

Instrument :
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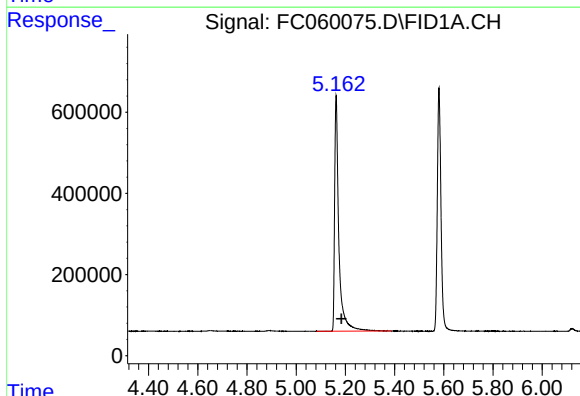
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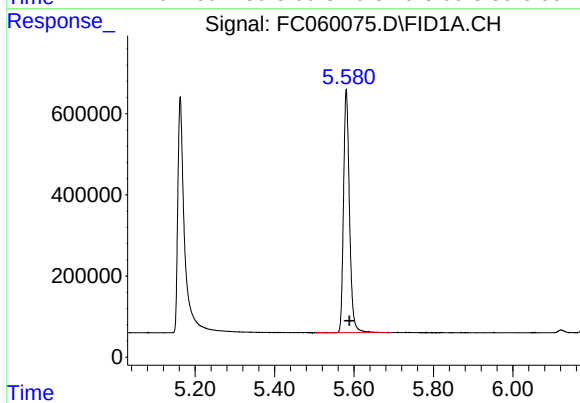
#2 n-Decane (C10)

R.T.: 3.634 min
Delta R.T.: -0.005 min
Response: 5484262
Conc: 42.87 ug/ml



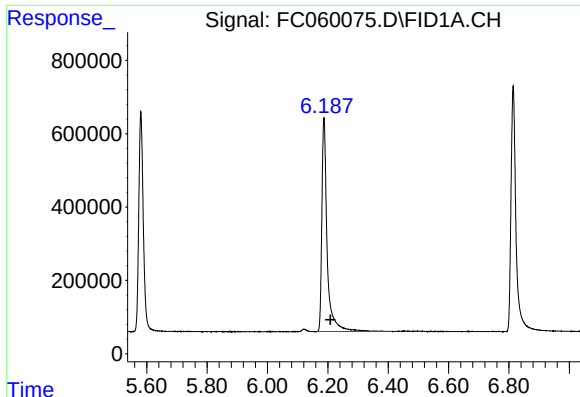
#3 A~Naphthalene (C11.7)

R.T.: 5.163 min
Delta R.T.: -0.021 min
Response: 6938940
Conc: 48.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.581 min
Delta R.T.: -0.007 min
Response: 6218955
Conc: 46.65 ug/ml



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

R.T.: 6.187 min
Delta R.T.: -0.021 min
Response: 7140643
Conc: 48.65 ug/ml

Instrument :

FID_C

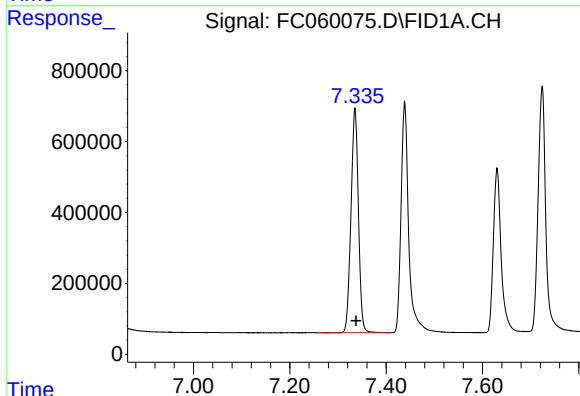
ClientSampleId :

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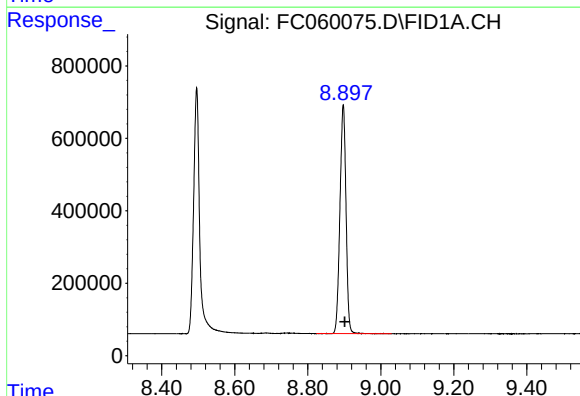
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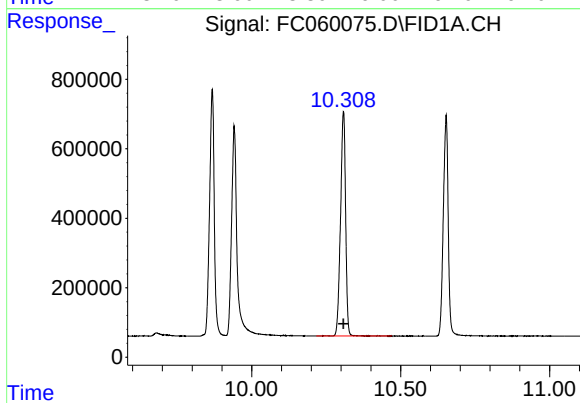
#6 n-Tetradecane (C14)

R.T.: 7.335 min
Delta R.T.: -0.003 min
Response: 6798386
Conc: 49.80 ug/ml



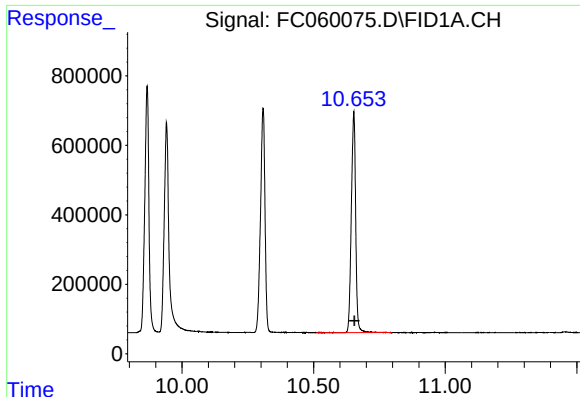
#7 n-Hexadecane (C16)

R.T.: 8.897 min
Delta R.T.: -0.005 min
Response: 7278201
Conc: 51.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.307 min
Delta R.T.: 0.000 min
Response: 7700625
Conc: 53.81 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.652 min
Delta R.T.: -0.004 min
Response: 7286218
Conc: 46.82 ug/ml

Instrument :

FID_C

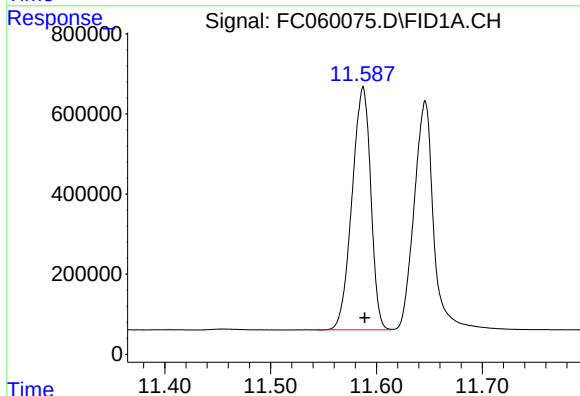
ClientSampleId :

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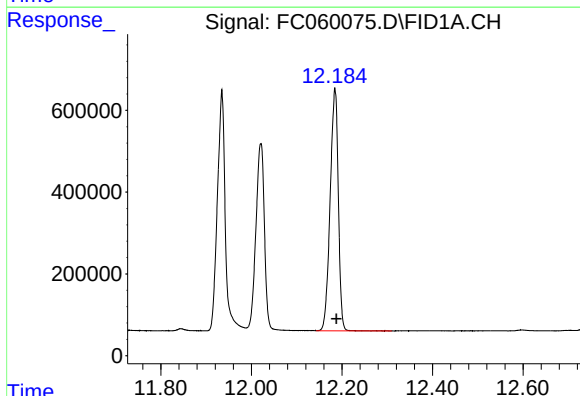
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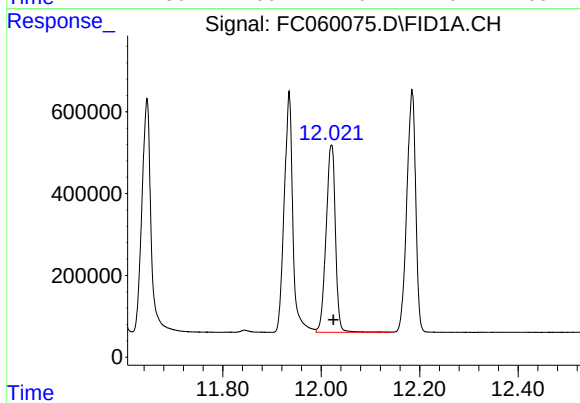
#10 n-Eicosane (C20)

R.T.: 11.586 min
Delta R.T.: -0.002 min
Response: 7459858
Conc: 52.29 ug/ml



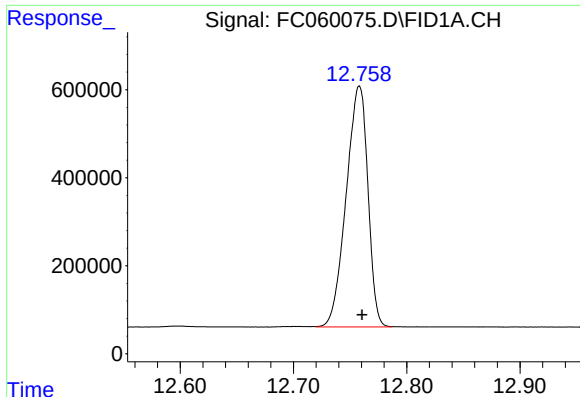
#11 n-Heneicosane (C21)

R.T.: 12.183 min
Delta R.T.: -0.004 min
Response: 7405014
Conc: 51.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.020 min
Delta R.T.: -0.005 min
Response: 6044788
Conc: 48.75 ug/ml



#13 n-Docosane (C22)

R.T.: 12.758 min
Delta R.T.: -0.002 min
Response: 7300153
Conc: 51.23 ug/ml

Instrument :

FID_C

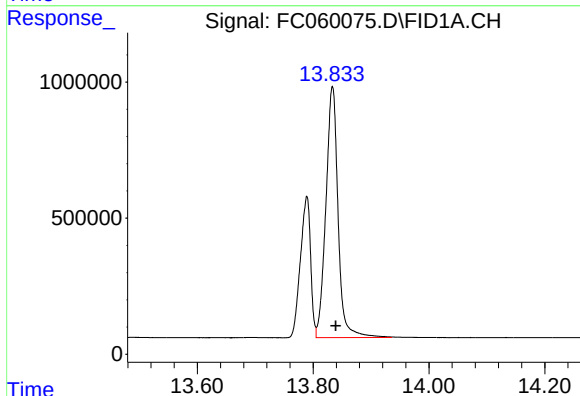
ClientSampleId :

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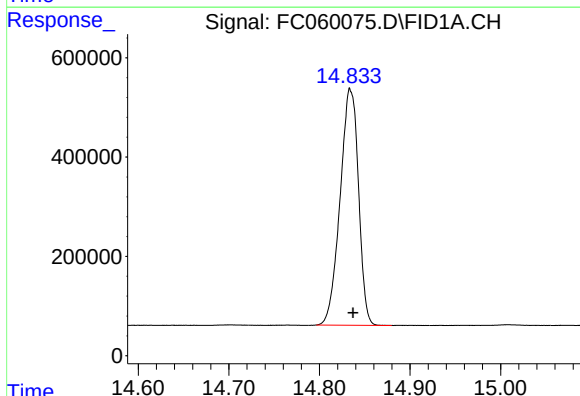
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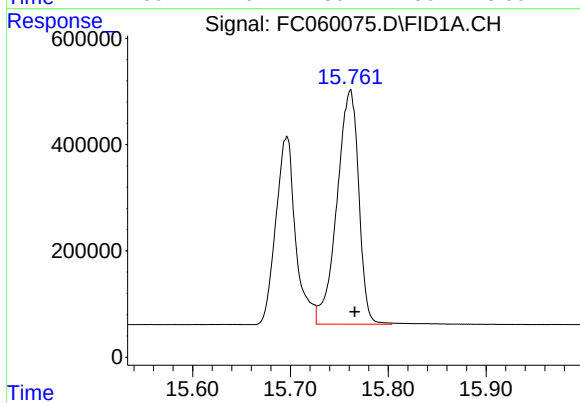
#14 n-Tetracosane (C24)

R.T.: 13.833 min
Delta R.T.: -0.006 min
Response: 13521778
Conc: 96.36 ug/ml m



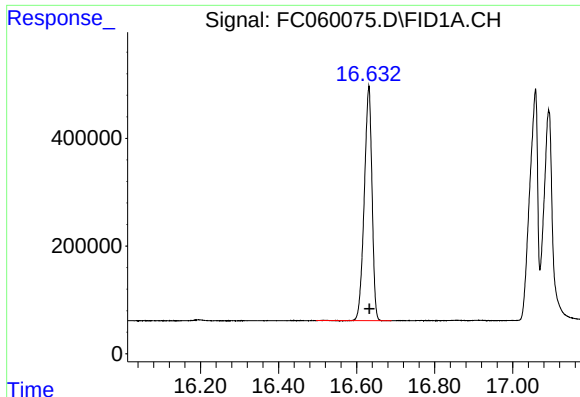
#15 n-Hexacosane (C26)

R.T.: 14.834 min
Delta R.T.: -0.003 min
Response: 6714070
Conc: 49.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.761 min
Delta R.T.: -0.004 min
Response: 6796803
Conc: 52.19 ug/ml m



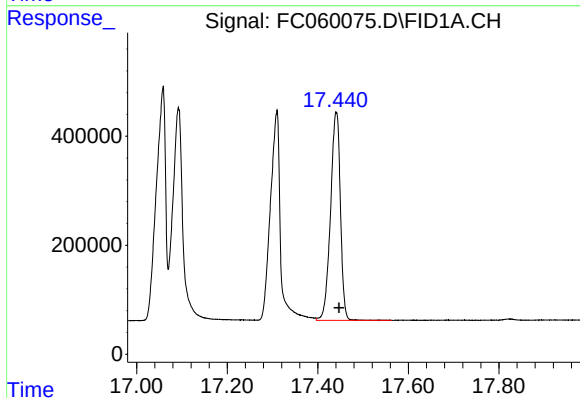
#17 n-Tricontane (C30)

R.T.: 16.630 min
Delta R.T.: -0.003 min
Response: 5968245
Conc: 48.75 ug/ml

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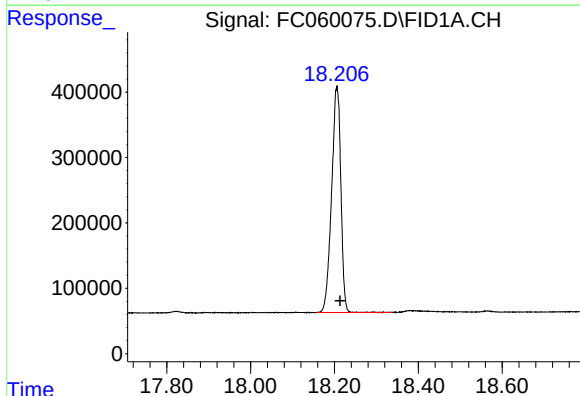
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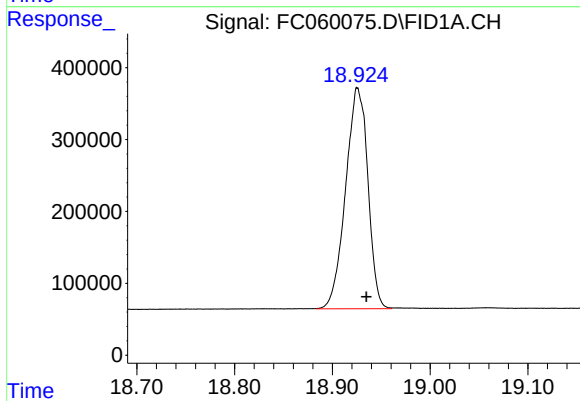
#18 n-Dotriacontane (C32)

R.T.: 17.439 min
Delta R.T.: -0.008 min
Response: 5788083
Conc: 51.91 ug/ml



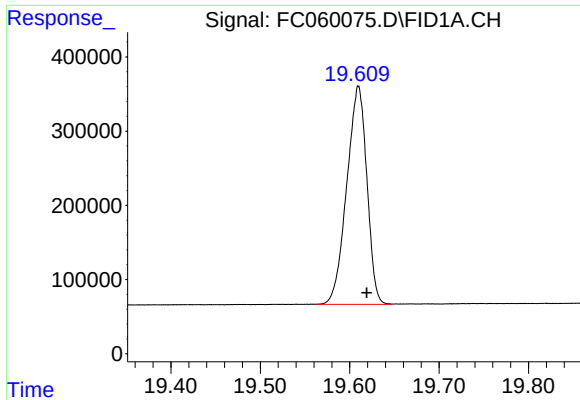
#19 n-Tetratriacontane (C34)

R.T.: 18.204 min
Delta R.T.: -0.009 min
Response: 5272763
Conc: 51.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.924 min
Delta R.T.: -0.011 min
Response: 4868025
Conc: 51.41 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.609 min
Delta R.T.: -0.010 min
Response: 4601647
Conc: 49.88 ug/ml

Instrument :

FID_C

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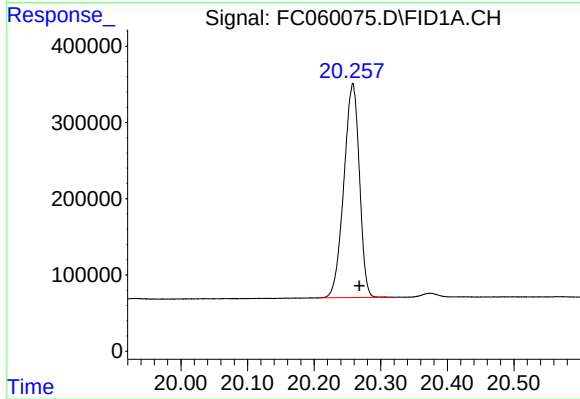
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#22 n-Tetracontane (C40)

R.T.: 20.257 min
Delta R.T.: -0.011 min
Response: 4552774
Conc: 48.39 ug/ml