

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060622AL\
 Data File : FC060090.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jun 2022 10:51
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Jun 07 02:39:19 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)	10.646	3302858	21.223 ug/ml
Spiked Amount 50.000		Recovery =	42.45%
12) S 1-chlorooctadecane (S...	12.015	2646155	21.342 ug/ml
Spiked Amount 50.000		Recovery =	42.68%
Target Compounds			
1) T n-Nonane (C9)	2.625	2712664	21.195 ug/ml
2) T n-Decane (C10)	3.625	2757421	21.554 ug/ml
3) T A~Naphthalene (C11.7)	5.162	3111004	21.523 ug/ml
4) T n-Dodecane (C12)	5.577	2899049	21.747 ug/ml
5) T A~2-methylnaphthalene...	6.187	3196019	21.776 ug/ml
6) T n-Tetradecane (C14)	7.329	2976191	21.801 ug/ml
7) T n-Hexadecane (C16)	8.892	3054024	21.767 ug/ml
8) T n-Octadecane (C18)	10.301	3103843	21.689 ug/ml
10) T n-Eicosane (C20)	11.579	3075782	21.559 ug/ml
11) T n-Heneicosane (C21)	12.178	3068568	21.408 ug/ml
13) T n-Docosane (C22)	12.750	3121471	21.905 ug/mlm
14) T n-Tetracosane (C24)	13.828	3089862	22.019 ug/mlm
15) T n-Hexacosane (C26)	14.825	2977116	21.985 ug/ml
16) T n-Octacosane (C28)	15.753	2923327	22.446 ug/mlm
17) T n-Tricontane (C30)	16.620	2862482	23.381 ug/ml
18) T n-Dotriacontane (C32)	17.433	2627849	23.569 ug/ml
19) T n-Tetratriacontane (C34)	18.197	2360913	23.147 ug/ml
20) T n-Hexatriacontane (C36)	18.918	2159462	22.803 ug/mlm
21) T n-Octatriacontane (C38)	19.600	2087427	22.625 ug/mlm
22) T n-Tetracontane (C40)	20.249	2081531	22.124 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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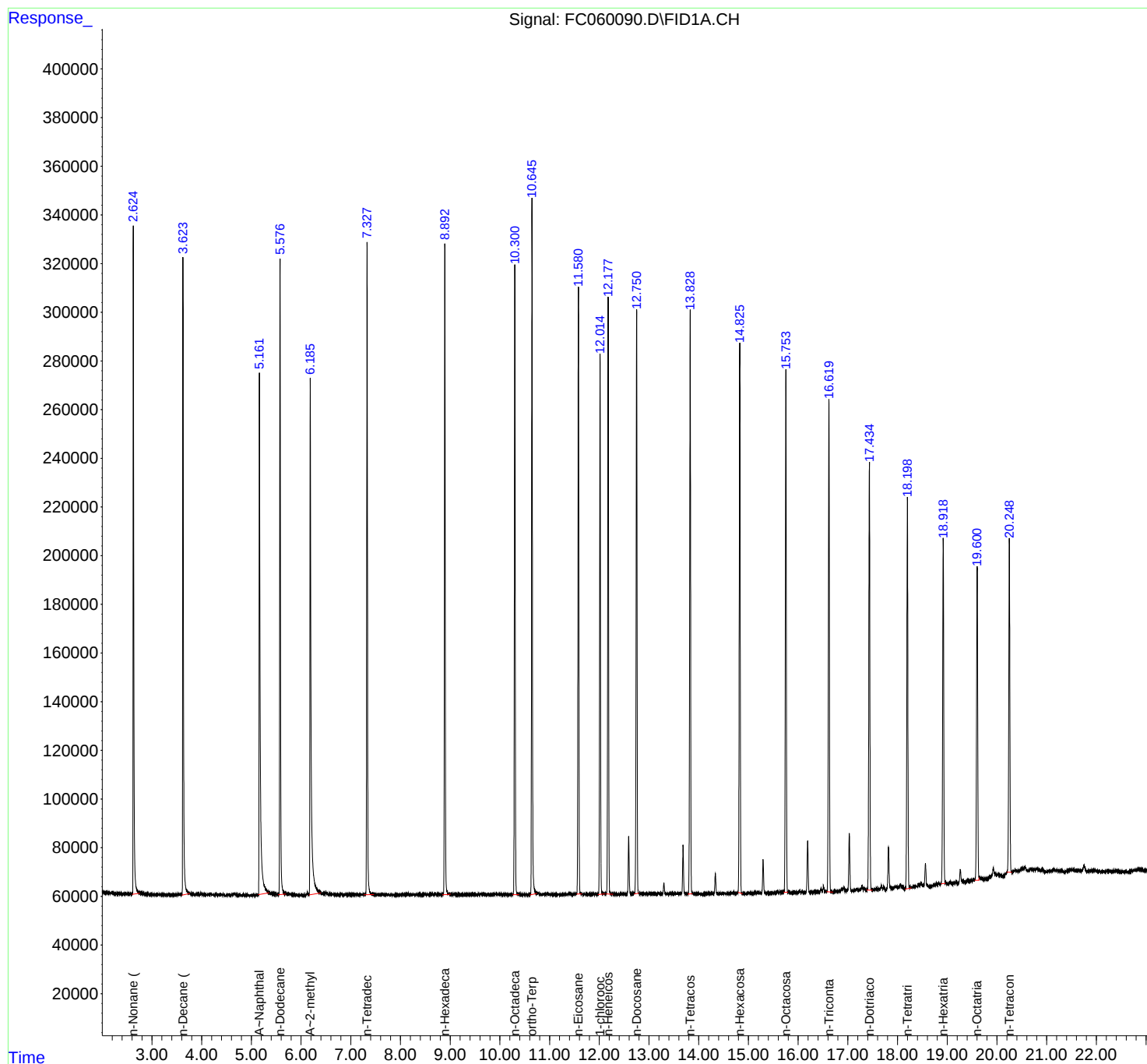
Instrument :
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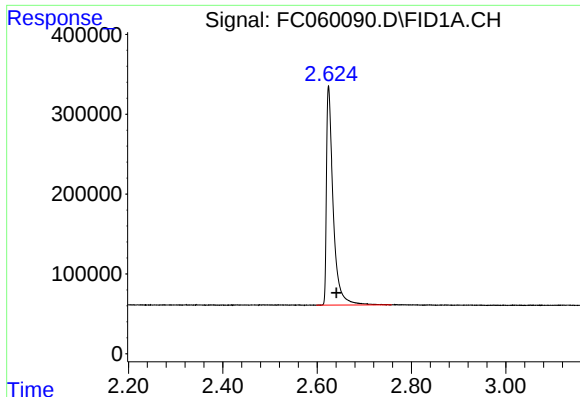
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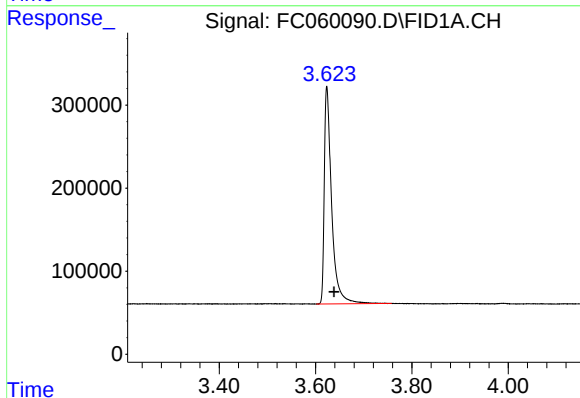
#1 n-Nonane (C9)

R.T.: 2.625 min
Delta R.T.: -0.016 min
Response: 2712664
Conc: 21.19 ug/ml

Instrument :
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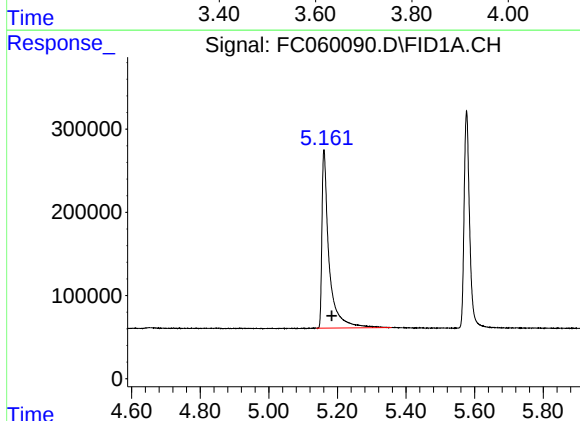
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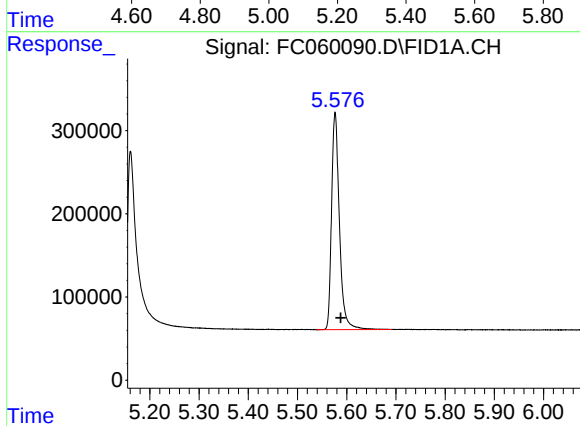
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.014 min
Response: 2757421
Conc: 21.55 ug/ml



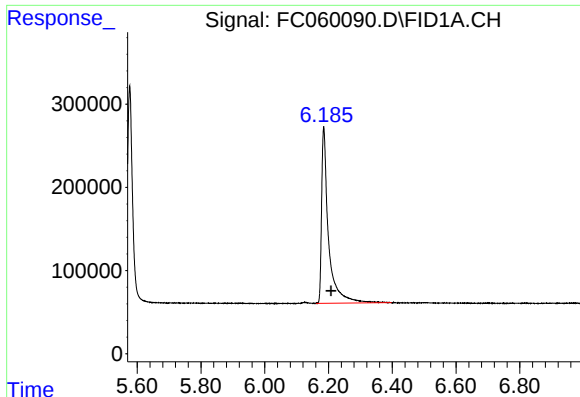
#3 A~Naphthalene (C11.7)

R.T.: 5.162 min
Delta R.T.: -0.022 min
Response: 3111004
Conc: 21.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.577 min
Delta R.T.: -0.011 min
Response: 2899049
Conc: 21.75 ug/ml



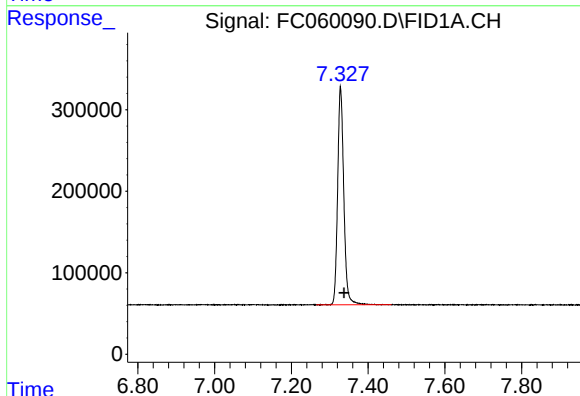
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.187 min
Delta R.T.: -0.022 min
Response: 3196019
Conc: 21.78 ug/ml

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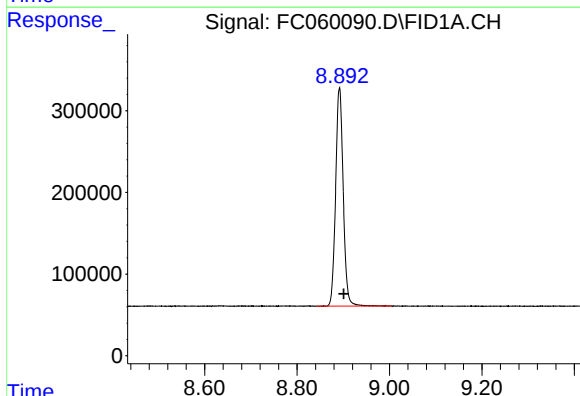
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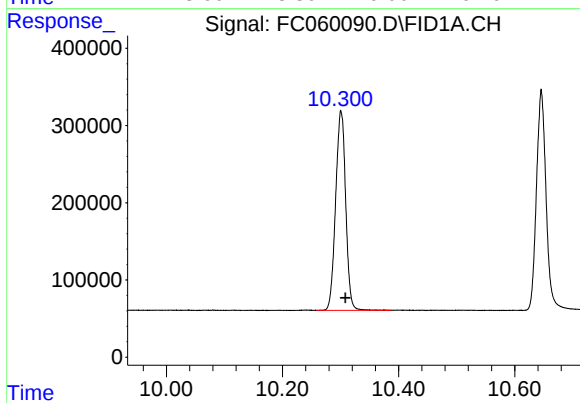
#6 n-Tetradecane (C14)

R.T.: 7.329 min
Delta R.T.: -0.009 min
Response: 2976191
Conc: 21.80 ug/ml



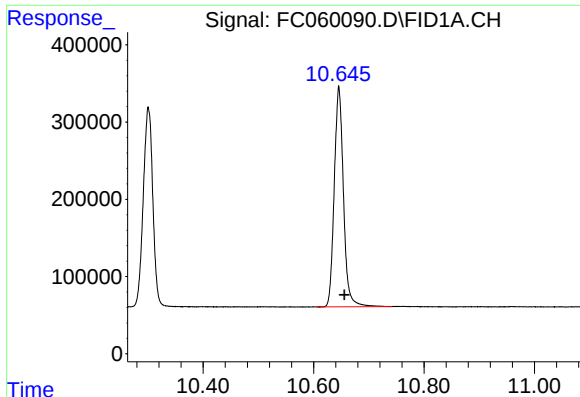
#7 n-Hexadecane (C16)

R.T.: 8.892 min
Delta R.T.: -0.009 min
Response: 3054024
Conc: 21.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.301 min
Delta R.T.: -0.008 min
Response: 3103843
Conc: 21.69 ug/ml



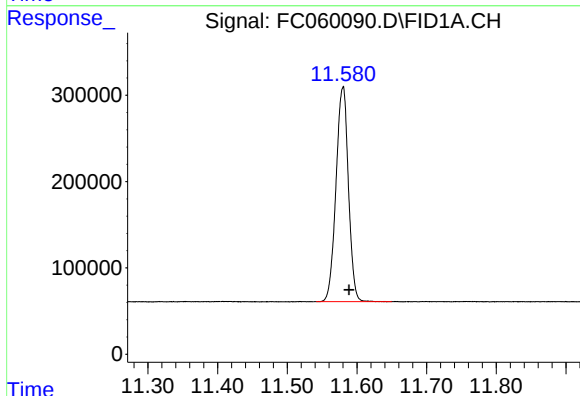
#9 ortho-Terphenyl (SURR)

R.T.: 10.646 min
Delta R.T.: -0.010 min
Response: 3302858
Conc: 21.22 ug/ml

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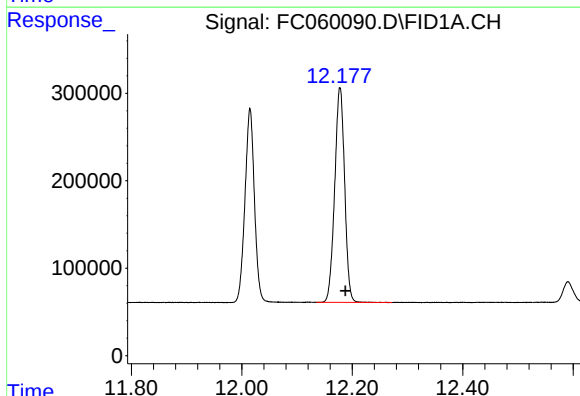
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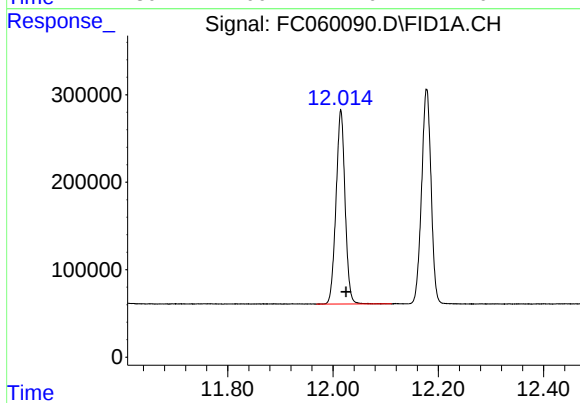
#10 n-Eicosane (C20)

R.T.: 11.579 min
Delta R.T.: -0.010 min
Response: 3075782
Conc: 21.56 ug/ml



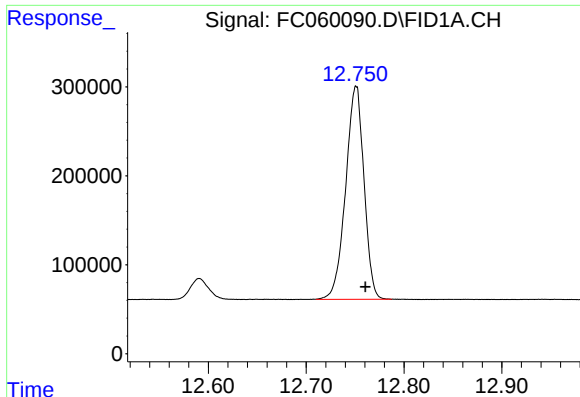
#11 n-Heneicosane (C21)

R.T.: 12.178 min
Delta R.T.: -0.010 min
Response: 3068568
Conc: 21.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.015 min
Delta R.T.: -0.010 min
Response: 2646155
Conc: 21.34 ug/ml



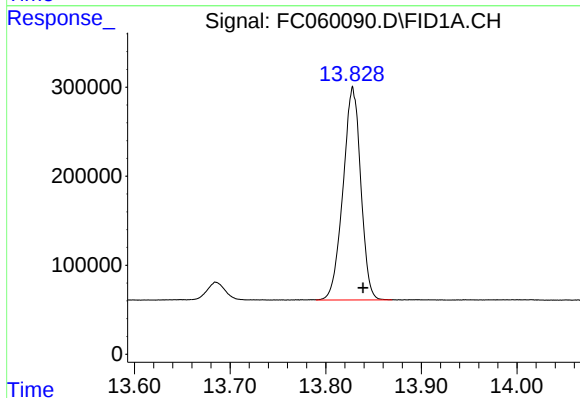
#13 n-Docosane (C22)

R.T.: 12.750 min
Delta R.T.: -0.010 min
Response: 3121471
Conc: 21.91 ug/ml

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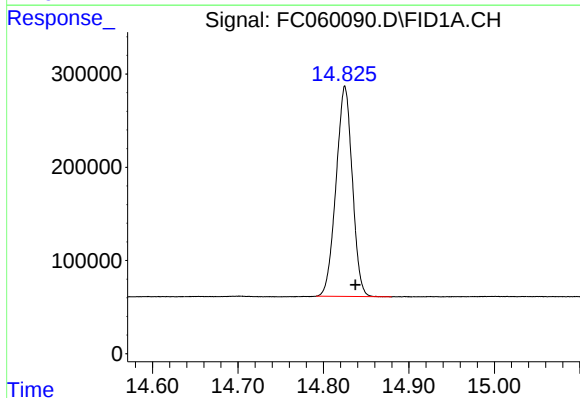
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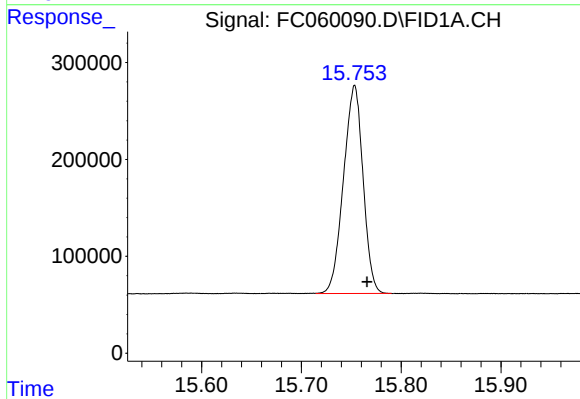
#14 n-Tetracosane (C24)

R.T.: 13.828 min
Delta R.T.: -0.011 min
Response: 3089862
Conc: 22.02 ug/ml m



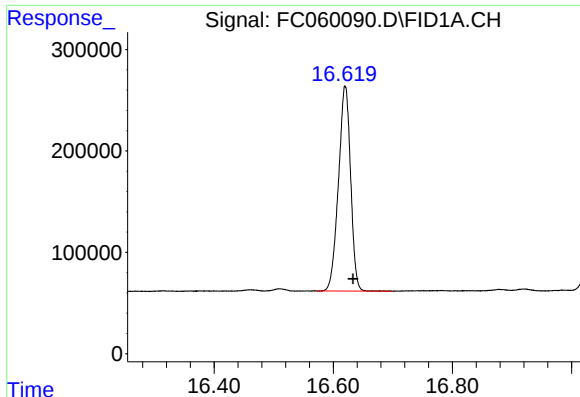
#15 n-Hexacosane (C26)

R.T.: 14.825 min
Delta R.T.: -0.012 min
Response: 2977116
Conc: 21.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.753 min
Delta R.T.: -0.013 min
Response: 2923327
Conc: 22.45 ug/ml m



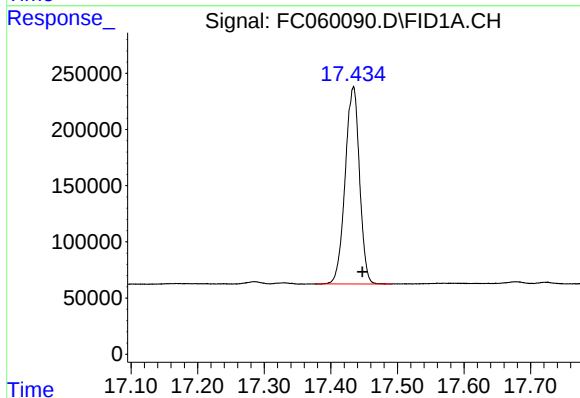
#17 n-Tricontane (C30)

R.T.: 16.620 min
Delta R.T.: -0.013 min
Response: 2862482
Conc: 23.38 ug/ml

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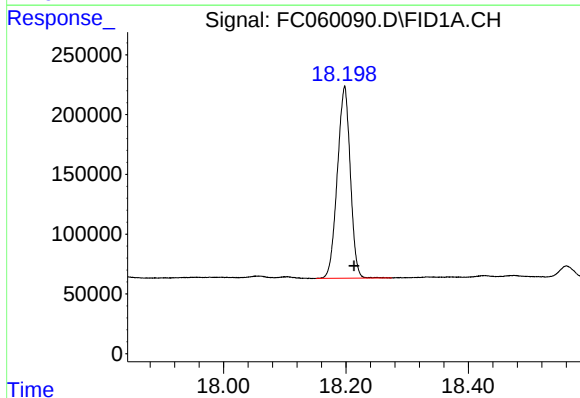
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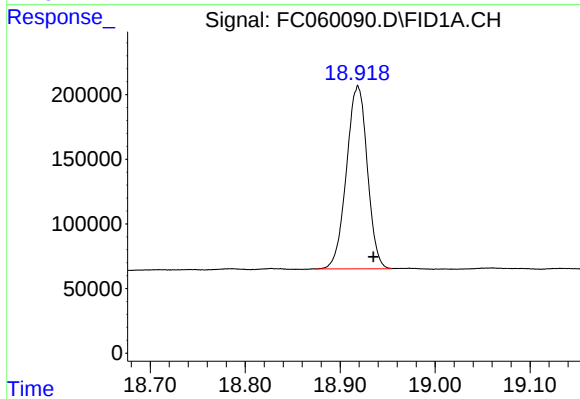
#18 n-Dotriacontane (C32)

R.T.: 17.433 min
Delta R.T.: -0.014 min
Response: 2627849
Conc: 23.57 ug/ml



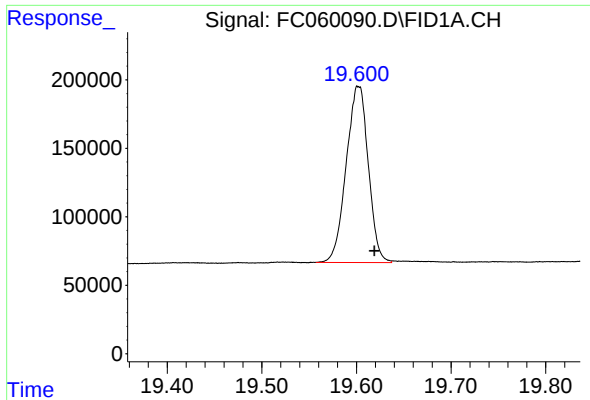
#19 n-Tetratriacontane (C34)

R.T.: 18.197 min
Delta R.T.: -0.016 min
Response: 2360913
Conc: 23.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.918 min
Delta R.T.: -0.017 min
Response: 2159462
Conc: 22.80 ug/ml m



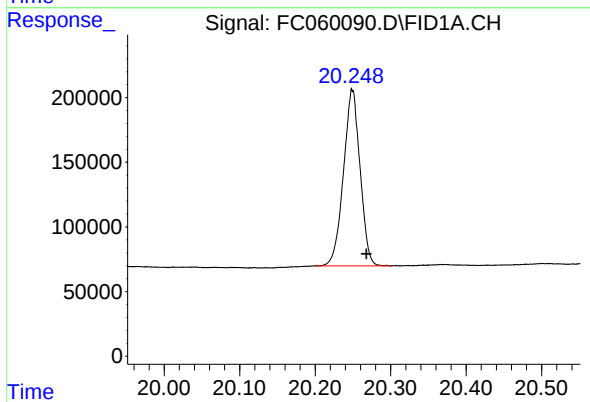
#21 n-Octatriacontane (C38)

R.T.: 19.600 min
Delta R.T.: -0.019 min
Response: 2087427
Conc: 22.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.249 min
Delta R.T.: -0.019 min
Response: 2081531
Conc: 22.12 ug/ml