

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060722AL\
 Data File : FC060121.D
 Signal(s) : FID1A.CH
 Acq On : 07 Jun 2022 10:13
 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 06/08/2022
 Supervised By :Ankita Jodhani 06/08/2022

Integration File: autoint1.e
 Quant Time: Jun 08 02:27:01 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)	10.648	3147277	20.224 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
12) S 1-chlorooctadecane (S...	12.015	2521156	20.334 ug/ml
Spiked Amount 50.000		Recovery =	40.67%
Target Compounds			
1) T n-Nonane (C9)	2.625	2566331	20.052 ug/ml
2) T n-Decane (C10)	3.624	2621317	20.490 ug/ml
3) T A~Naphthalene (C11.7)	5.163	2962283	20.495 ug/ml
4) T n-Dodecane (C12)	5.577	2750007	20.629 ug/ml
5) T A~2-methylnaphthalene...	6.187	3030485	20.648 ug/ml
6) T n-Tetradecane (C14)	7.329	2823171	20.680 ug/ml
7) T n-Hexadecane (C16)	8.893	2889731	20.596 ug/ml
8) T n-Octadecane (C18)	10.301	2945879	20.585 ug/ml
10) T n-Eicosane (C20)	11.581	2915512	20.435 ug/ml
11) T n-Heneicosane (C21)	12.178	2921555	20.382 ug/ml
13) T n-Docosane (C22)	12.750	2963965	20.800 ug/mlm
14) T n-Tetracosane (C24)	13.830	2941673	20.963 ug/mlm
15) T n-Hexacosane (C26)	14.826	2845492	21.013 ug/ml
16) T n-Octacosane (C28)	15.753	2832583	21.750 ug/ml
17) T n-Tricontane (C30)	16.620	2798237	22.857 ug/ml
18) T n-Dotriacontane (C32)	17.433	2621030	23.508 ug/ml
19) T n-Tetratriacontane (C34)	18.197	2329733	22.842 ug/mlm
20) T n-Hexatriacontane (C36)	18.920	2122024	22.408 ug/mlm
21) T n-Octatriacontane (C38)	19.604	2023769	21.935 ug/mlm
22) T n-Tetracontane (C40)	20.250	2023877	21.511 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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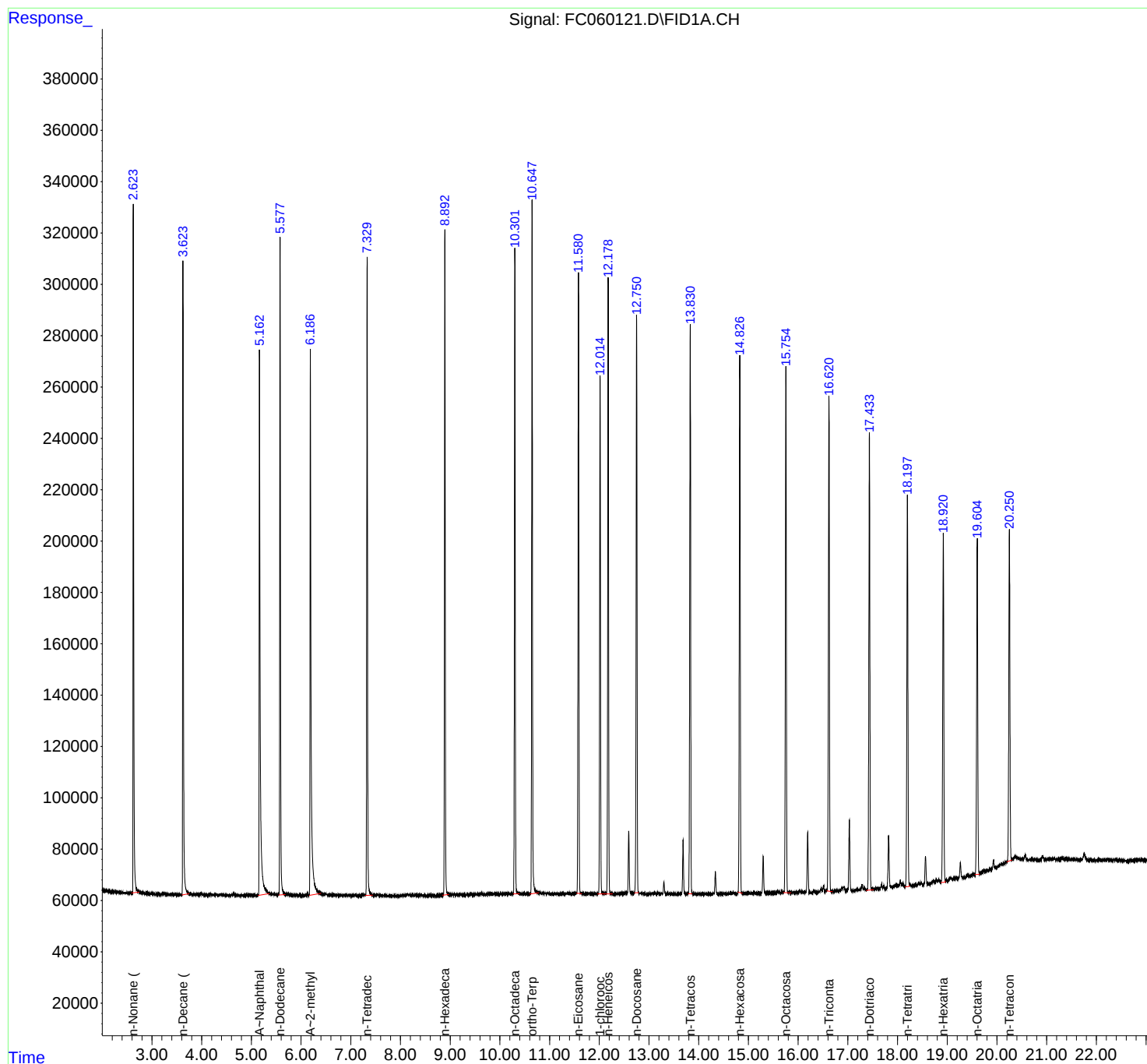
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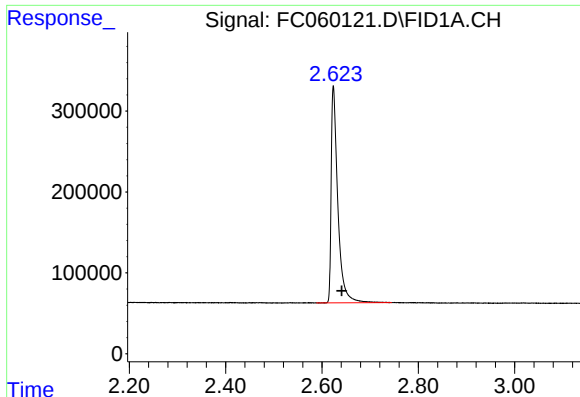
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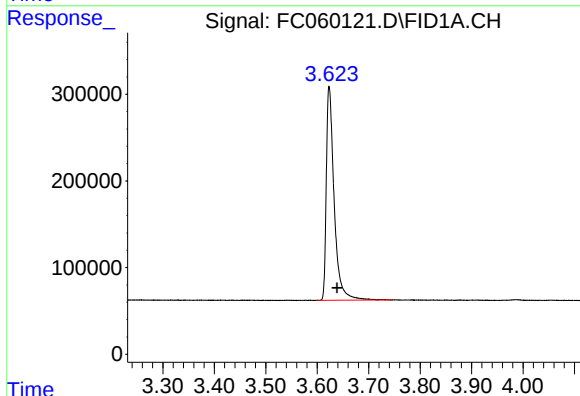
#1 n-Nonane (C9)

R.T.: 2.625 min
Delta R.T.: -0.016 min
Response: 2566331
Conc: 20.05 ug/ml

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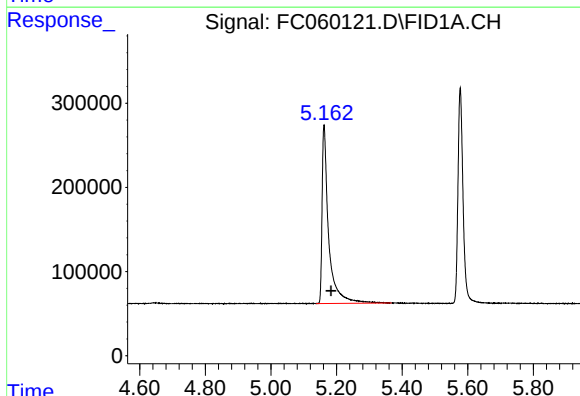
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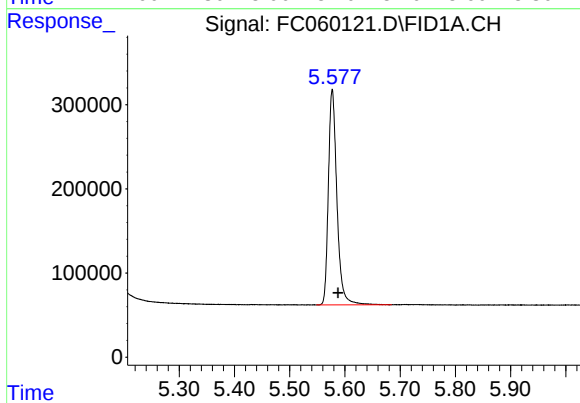
#2 n-Decane (C10)

R.T.: 3.624 min
Delta R.T.: -0.015 min
Response: 2621317
Conc: 20.49 ug/ml



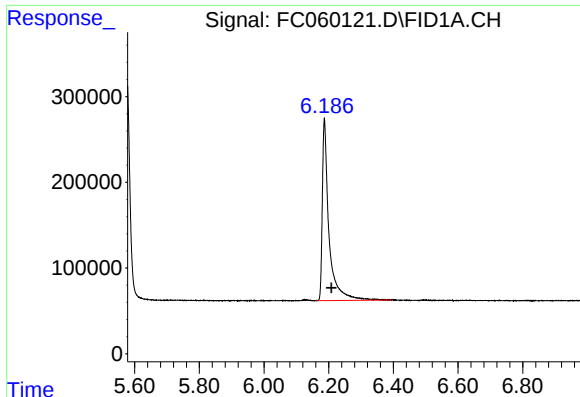
#3 A~Naphthalene (C11.7)

R.T.: 5.163 min
Delta R.T.: -0.021 min
Response: 2962283
Conc: 20.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.577 min
Delta R.T.: -0.011 min
Response: 2750007
Conc: 20.63 ug/ml



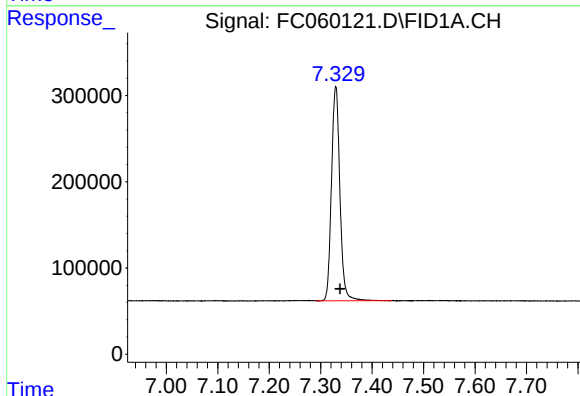
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.187 min
Delta R.T.: -0.021 min
Response: 3030485
Conc: 20.65 ug/ml

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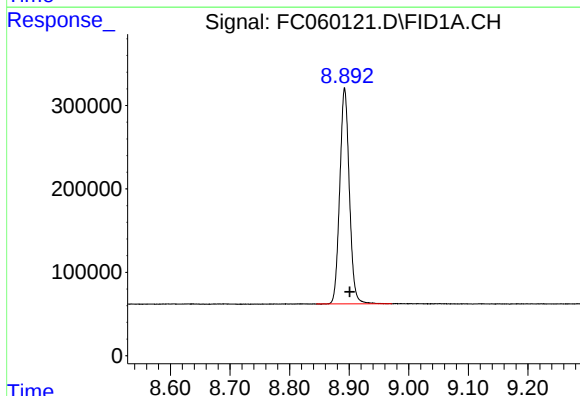
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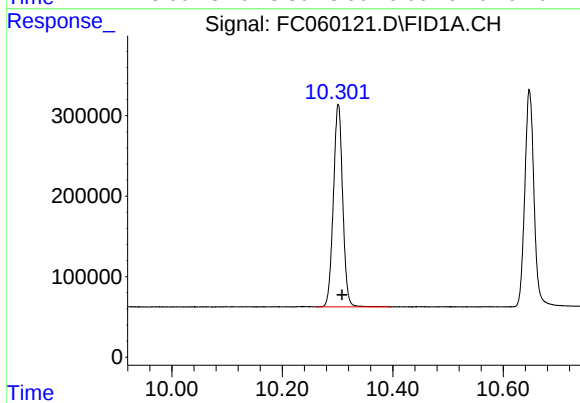
#6 n-Tetradecane (C14)

R.T.: 7.329 min
Delta R.T.: -0.008 min
Response: 2823171
Conc: 20.68 ug/ml



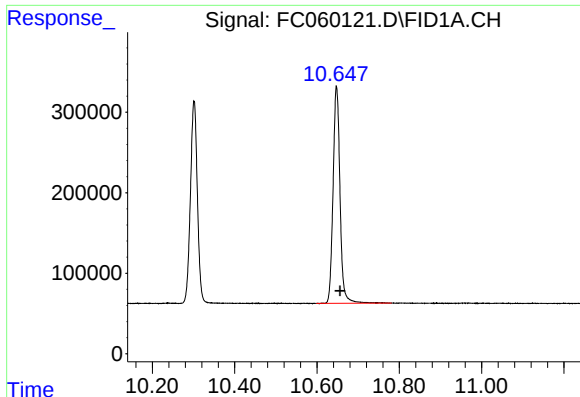
#7 n-Hexadecane (C16)

R.T.: 8.893 min
Delta R.T.: -0.009 min
Response: 2889731
Conc: 20.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.301 min
Delta R.T.: -0.007 min
Response: 2945879
Conc: 20.58 ug/ml



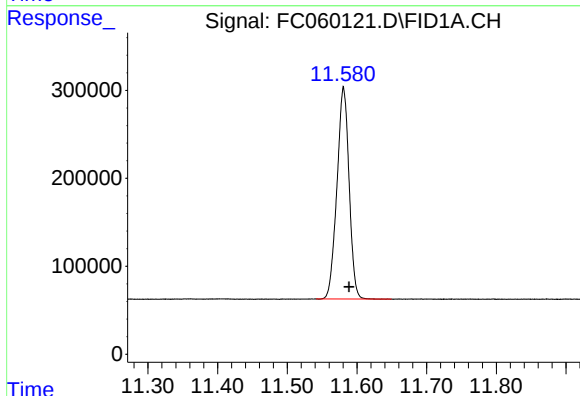
#9 ortho-Terphenyl (SURR)

R.T.: 10.648 min
Delta R.T.: -0.008 min
Response: 3147277
Conc: 20.22 ug/ml

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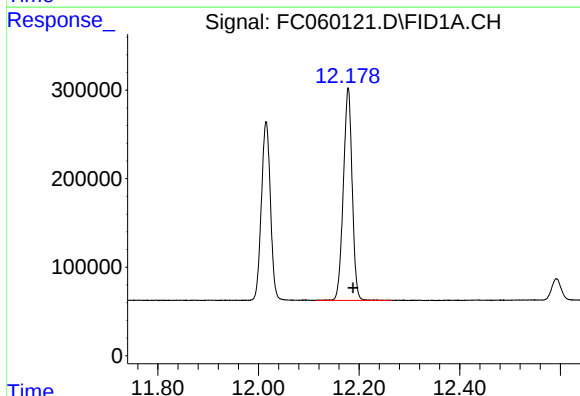
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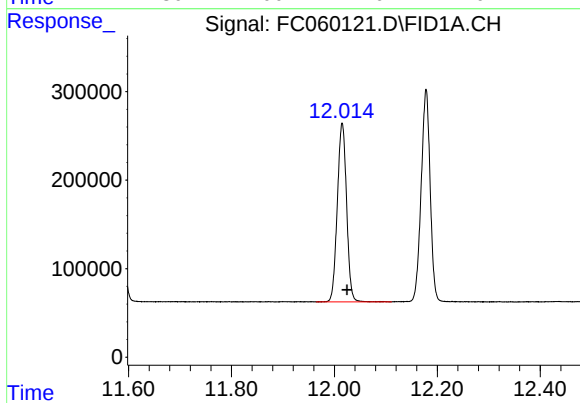
#10 n-Eicosane (C20)

R.T.: 11.581 min
Delta R.T.: -0.008 min
Response: 2915512
Conc: 20.44 ug/ml



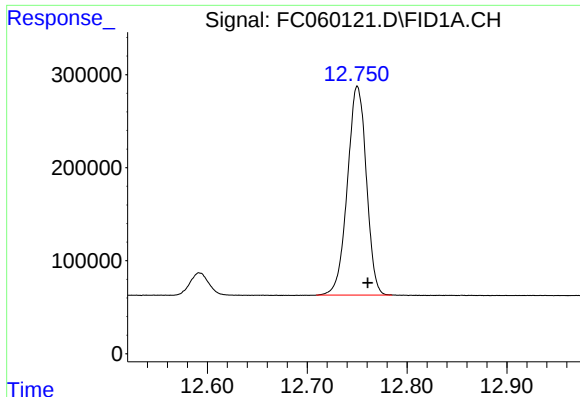
#11 n-Heneicosane (C21)

R.T.: 12.178 min
Delta R.T.: -0.010 min
Response: 2921555
Conc: 20.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.015 min
Delta R.T.: -0.010 min
Response: 2521156
Conc: 20.33 ug/ml



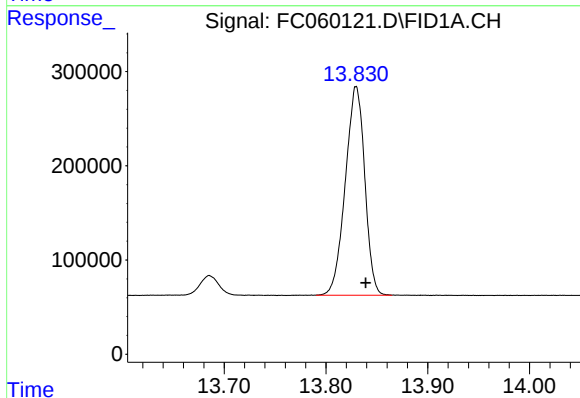
#13 n-Docosane (C22)

R.T.: 12.750 min
Delta R.T.: -0.011 min
Response: 2963965
Conc: 20.80 ug/ml

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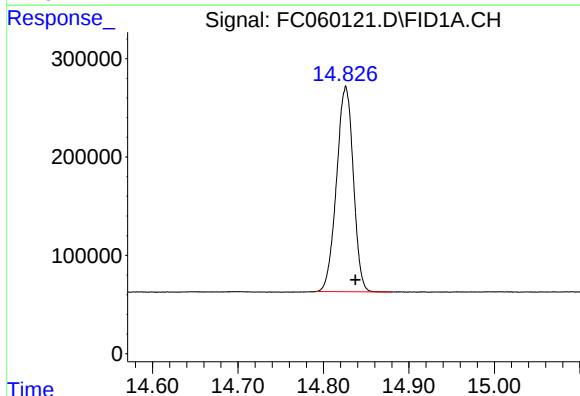
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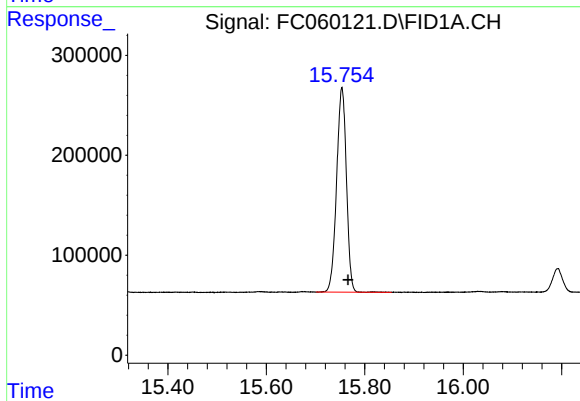
#14 n-Tetracosane (C24)

R.T.: 13.830 min
Delta R.T.: -0.009 min
Response: 2941673
Conc: 20.96 ug/ml m



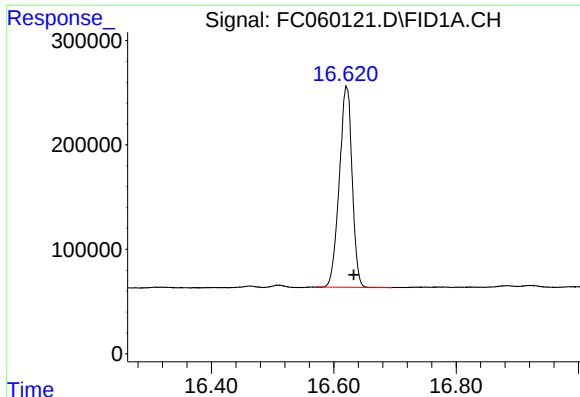
#15 n-Hexacosane (C26)

R.T.: 14.826 min
Delta R.T.: -0.012 min
Response: 2845492
Conc: 21.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.753 min
Delta R.T.: -0.012 min
Response: 2832583
Conc: 21.75 ug/ml



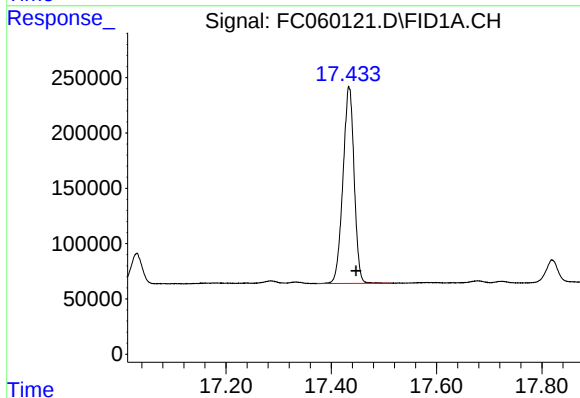
#17 n-Tricontane (C30)

R.T.: 16.620 min
Delta R.T.: -0.013 min
Response: 2798237
Conc: 22.86 ug/ml

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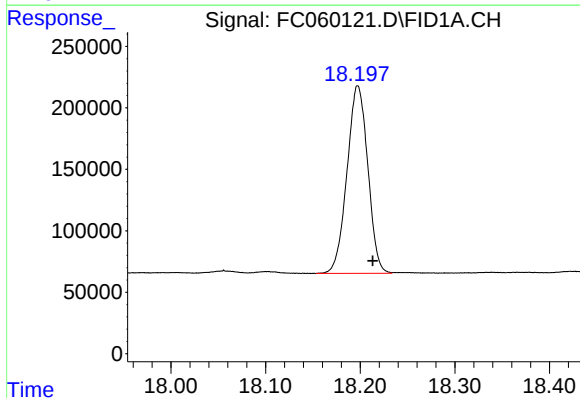
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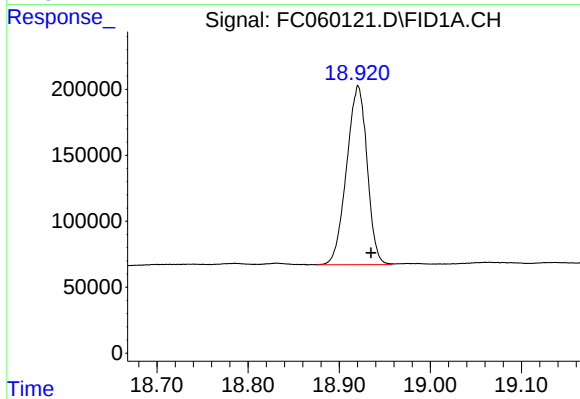
#18 n-Dotriacontane (C32)

R.T.: 17.433 min
Delta R.T.: -0.014 min
Response: 2621030
Conc: 23.51 ug/ml



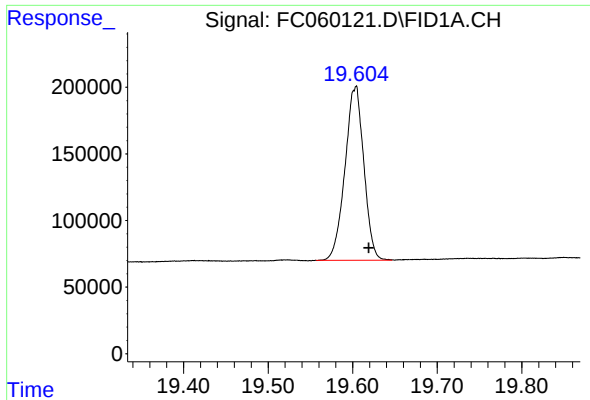
#19 n-Tetratriacontane (C34)

R.T.: 18.197 min
Delta R.T.: -0.017 min
Response: 2329733
Conc: 22.84 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.920 min
Delta R.T.: -0.015 min
Response: 2122024
Conc: 22.41 ug/ml m



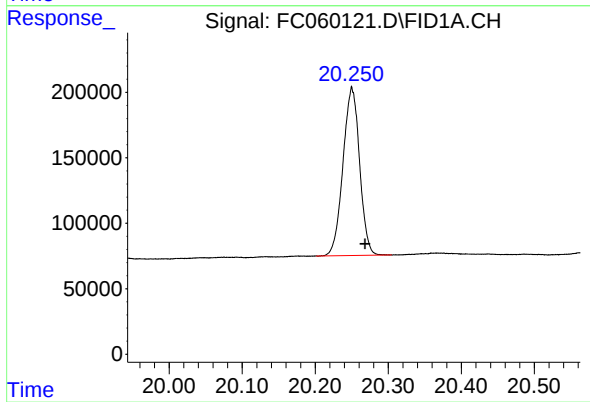
#21 n-Octatriacontane (C38)

R.T.: 19.604 min
Delta R.T.: -0.015 min
Response: 2023769
Conc: 21.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.250 min
Delta R.T.: -0.018 min
Response: 2023877
Conc: 21.51 ug/ml