

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060322AL\
 Data File : FC060081.D
 Signal(s) : FID1A.CH
 Acq On : 03 Jun 2022 10:41
 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 06/06/2022
 Supervised By :Ankita Jodhani 06/06/2022

Integration File: autoint1.e
 Quant Time: Jun 03 23:33:01 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)	10.649	3167680	20.355 ug/ml
Spiked Amount 50.000		Recovery =	40.71%
12) S 1-chlorooctadecane (S...	12.018	2528902	20.396 ug/ml
Spiked Amount 50.000		Recovery =	40.79%
Target Compounds			
1) T n-Nonane (C9)	2.631	2667767	20.844 ug/ml
2) T n-Decane (C10)	3.629	2705165	21.145 ug/ml
3) T A~Naphthalene (C11.7)	5.165	3159455	21.859 ug/ml
4) T n-Dodecane (C12)	5.580	2841608	21.317 ug/ml
5) T A~2-methylnaphthalene...	6.189	3205308	21.839 ug/ml
6) T n-Tetradecane (C14)	7.331	2879940	21.096 ug/ml
7) T n-Hexadecane (C16)	8.894	2949116	21.019 ug/ml
8) T n-Octadecane (C18)	10.303	2972841	20.773 ug/ml
10) T n-Eicosane (C20)	11.583	2959681	20.745 ug/ml
11) T n-Heneicosane (C21)	12.181	2925307	20.408 ug/ml
13) T n-Docosane (C22)	12.753	2922019	20.506 ug/ml
14) T n-Tetracosane (C24)	13.831	2839024	20.231 ug/ml
15) T n-Hexacosane (C26)	14.829	2716404	20.060 ug/ml
16) T n-Octacosane (C28)	15.756	2624821	20.154 ug/ml
17) T n-Tricontane (C30)	16.623	2564645	20.949 ug/ml
18) T n-Dotriacontane (C32)	17.438	2396388	21.493 ug/mlm
19) T n-Tetratriacontane (C34)	18.199	2189219	21.464 ug/mlm
20) T n-Hexatriacontane (C36)	18.921	2052402	21.673 ug/mlm
21) T n-Octatriacontane (C38)	19.604	1980066	21.461 ug/mlm
22) T n-Tetracontane (C40)	20.254	2047423	21.761 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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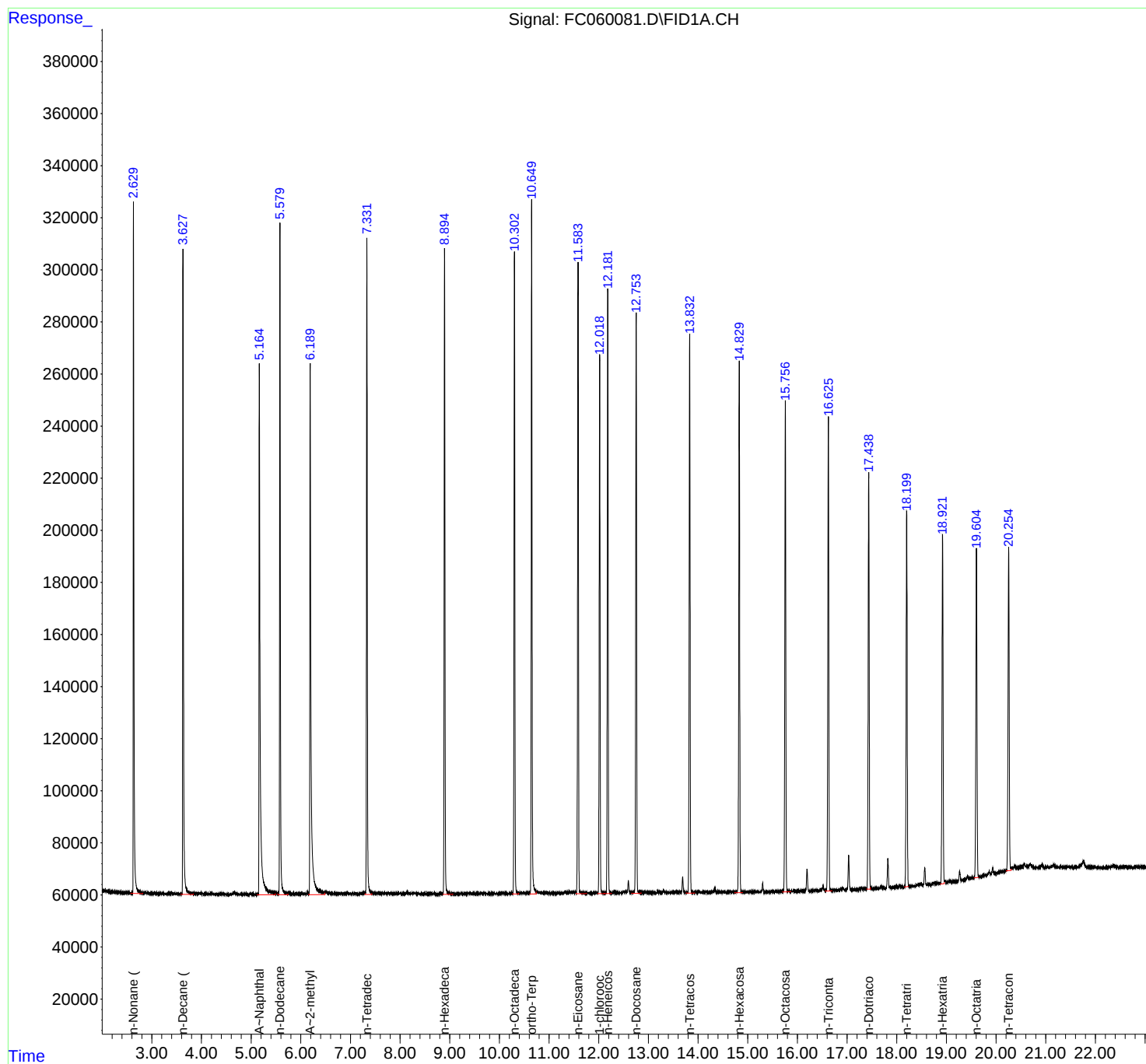
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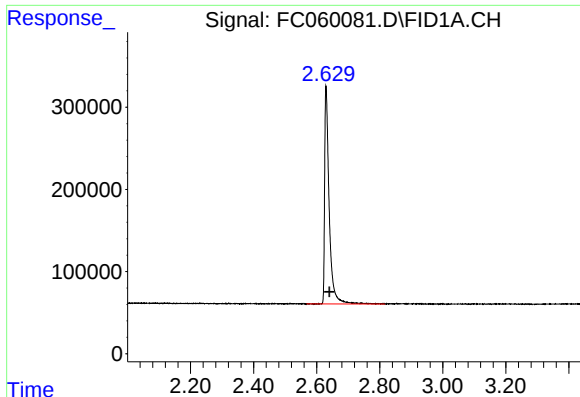
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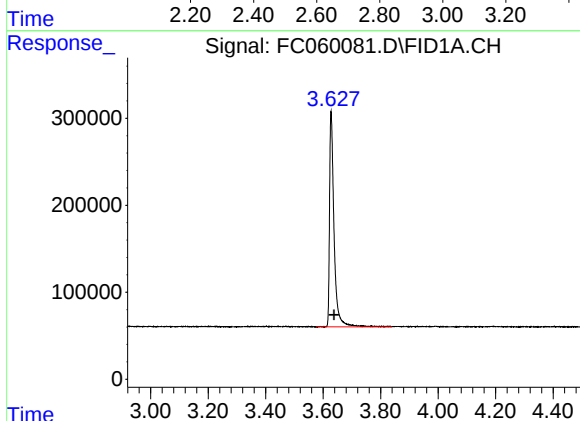
#1 n-Nonane (C9)

R.T.: 2.631 min
Delta R.T.: -0.010 min
Response: 2667767
Conc: 20.84 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

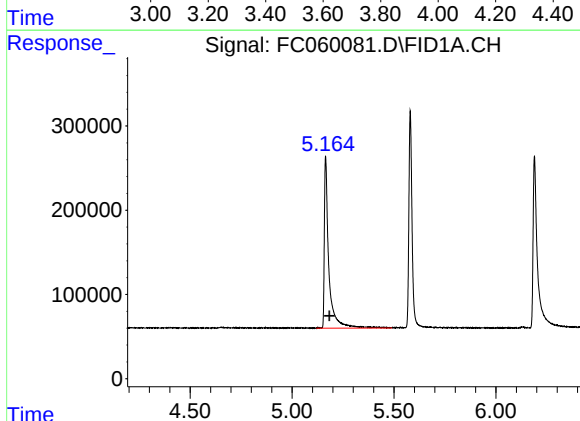
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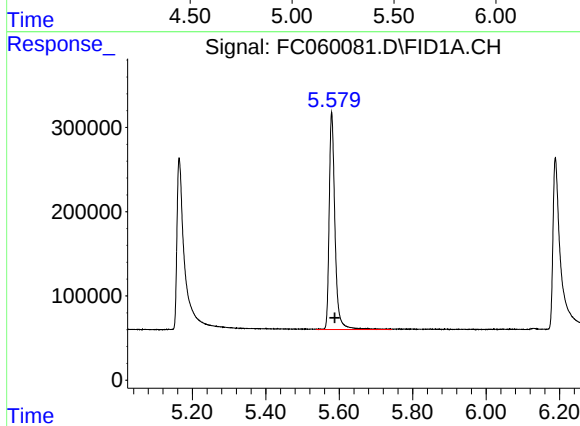
#2 n-Decane (C10)

R.T.: 3.629 min
Delta R.T.: -0.010 min
Response: 2705165
Conc: 21.15 ug/ml



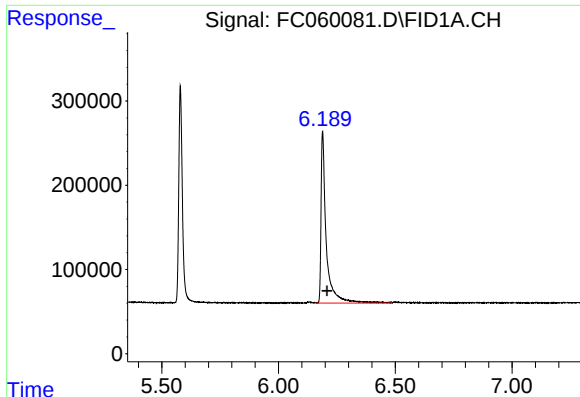
#3 A~Naphthalene (C11.7)

R.T.: 5.165 min
Delta R.T.: -0.019 min
Response: 3159455
Conc: 21.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.580 min
Delta R.T.: -0.008 min
Response: 2841608
Conc: 21.32 ug/ml



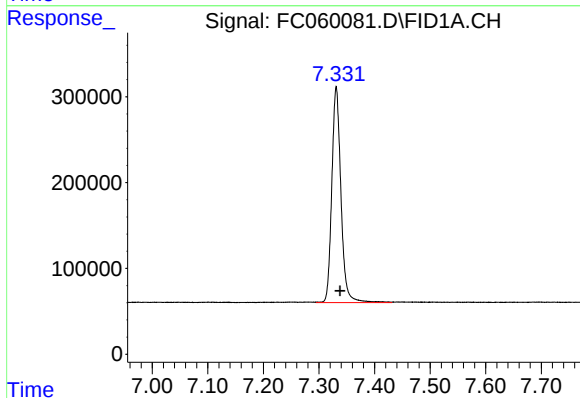
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.189 min
Delta R.T.: -0.019 min
Response: 3205308
Conc: 21.84 ug/ml

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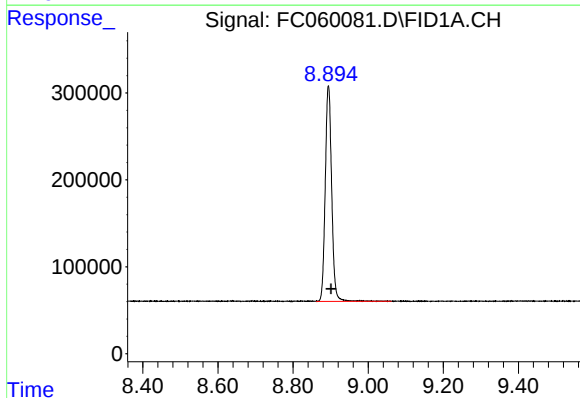
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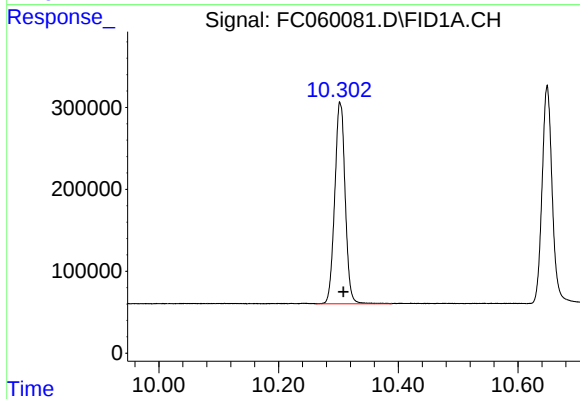
#6 n-Tetradecane (C14)

R.T.: 7.331 min
Delta R.T.: -0.007 min
Response: 2879940
Conc: 21.10 ug/ml



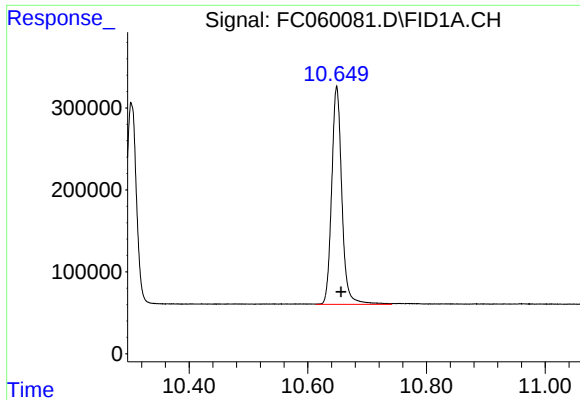
#7 n-Hexadecane (C16)

R.T.: 8.894 min
Delta R.T.: -0.007 min
Response: 2949116
Conc: 21.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.303 min
Delta R.T.: -0.005 min
Response: 2972841
Conc: 20.77 ug/ml



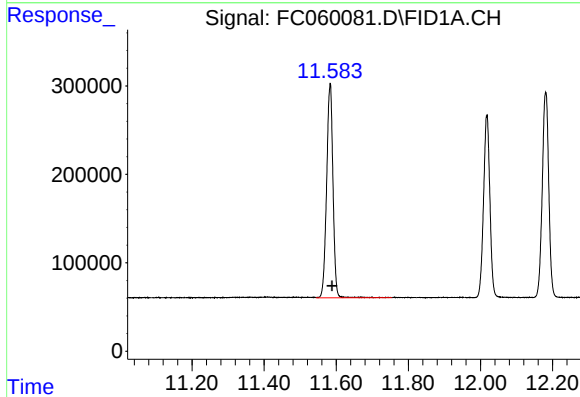
#9 ortho-Terphenyl (SURR)

R.T.: 10.649 min
Delta R.T.: -0.007 min
Response: 3167680
Conc: 20.35 ug/ml

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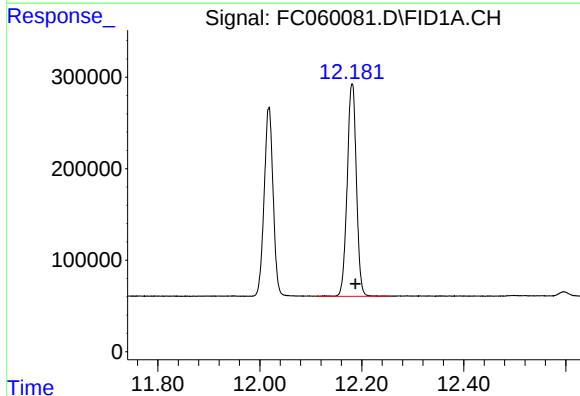
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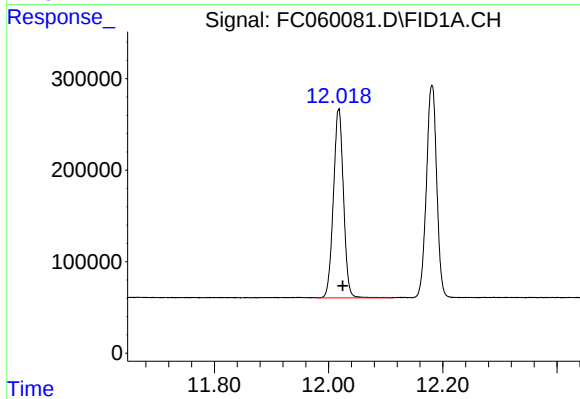
#10 n-Eicosane (C20)

R.T.: 11.583 min
Delta R.T.: -0.006 min
Response: 2959681
Conc: 20.74 ug/ml



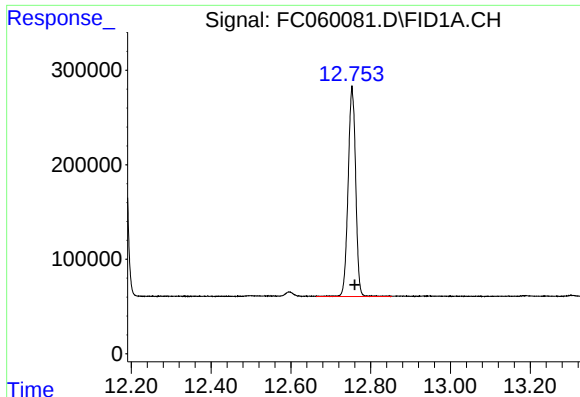
#11 n-Heneicosane (C21)

R.T.: 12.181 min
Delta R.T.: -0.007 min
Response: 2925307
Conc: 20.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.018 min
Delta R.T.: -0.007 min
Response: 2528902
Conc: 20.40 ug/ml



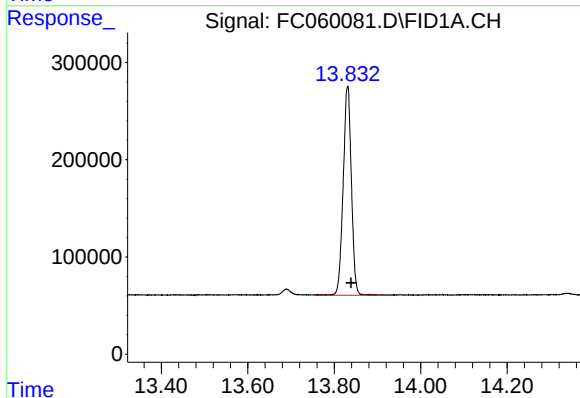
#13 n-Docosane (C22)

R.T.: 12.753 min
Delta R.T.: -0.007 min
Response: 2922019
Conc: 20.51 ug/ml

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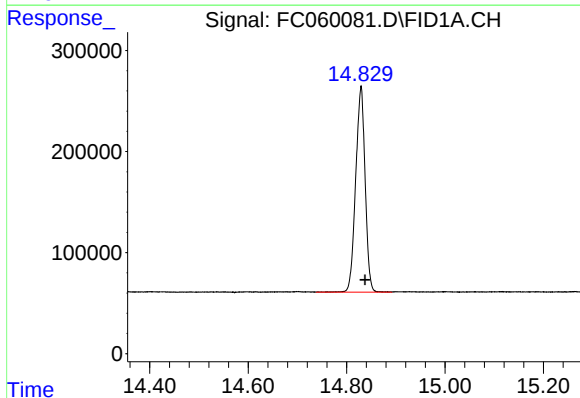
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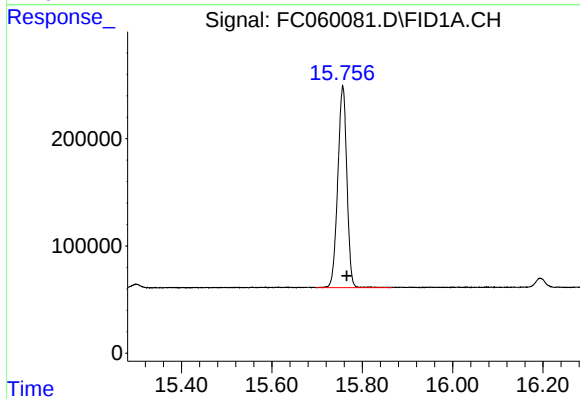
#14 n-Tetracosane (C24)

R.T.: 13.831 min
Delta R.T.: -0.008 min
Response: 2839024
Conc: 20.23 ug/ml



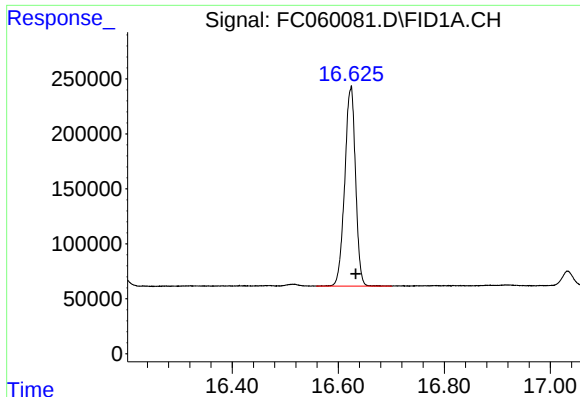
#15 n-Hexacosane (C26)

R.T.: 14.829 min
Delta R.T.: -0.009 min
Response: 2716404
Conc: 20.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.756 min
Delta R.T.: -0.009 min
Response: 2624821
Conc: 20.15 ug/ml



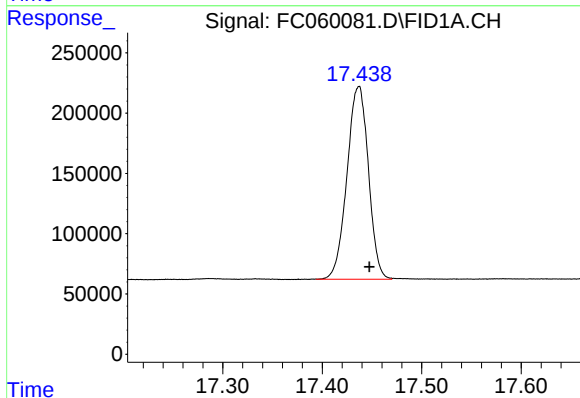
#17 n-Tricontane (C30)

R.T.: 16.623 min
Delta R.T.: -0.010 min
Response: 2564645
Conc: 20.95 ug/ml

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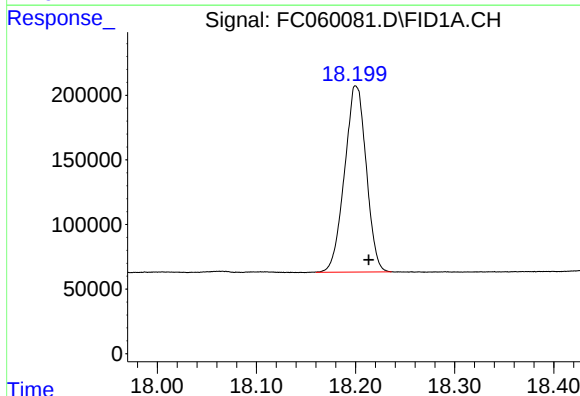
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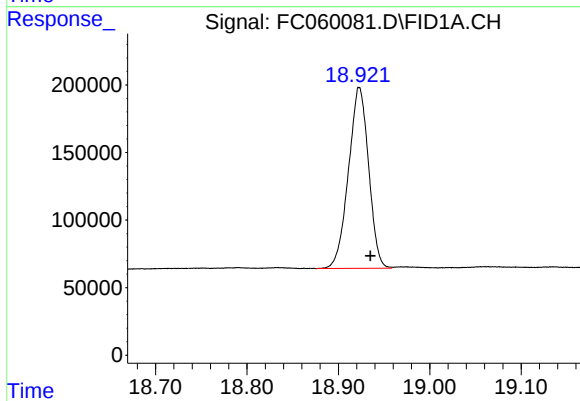
#18 n-Dotriacontane (C32)

R.T.: 17.438 min
Delta R.T.: -0.010 min
Response: 2396388
Conc: 21.49 ug/ml m



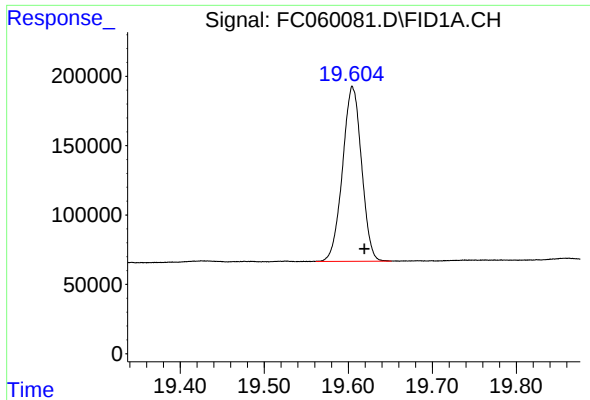
#19 n-Tetratriacontane (C34)

R.T.: 18.199 min
Delta R.T.: -0.014 min
Response: 2189219
Conc: 21.46 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.921 min
Delta R.T.: -0.014 min
Response: 2052402
Conc: 21.67 ug/ml m



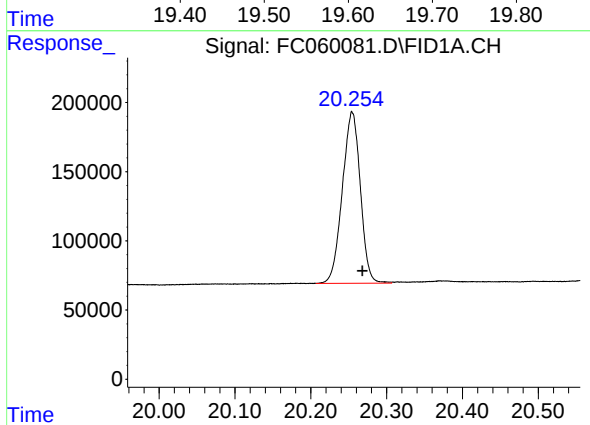
#21 n-Octatriacontane (C38)

R.T.: 19.604 min
Delta R.T.: -0.015 min
Response: 1980066
Conc: 21.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.254 min
Delta R.T.: -0.014 min
Response: 2047423
Conc: 21.76 ug/ml m