

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060722AL\
 Data File : FC060149.D
 Signal(s) : FID1A.CH
 Acq On : 08 Jun 2022 5:22
 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 06:23:12 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)	10.647	2927799	18.813 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
12) S 1-chlorooctadecane (S...	12.015	2352161	18.971 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
Target Compounds			
1) T n-Nonane (C9)	2.629	2398116	18.737 ug/ml
2) T n-Decane (C10)	3.627	2454979	19.190 ug/ml
3) T A~Naphthalene (C11.7)	5.165	2785750	19.273 ug/ml
4) T n-Dodecane (C12)	5.578	2588702	19.419 ug/ml
5) T A~2-methylnaphthalene...	6.190	2787680	18.994 ug/ml
6) T n-Tetradecane (C14)	7.329	2647195	19.391 ug/ml
7) T n-Hexadecane (C16)	8.893	2715559	19.354 ug/ml
8) T n-Octadecane (C18)	10.301	2772000	19.370 ug/ml
10) T n-Eicosane (C20)	11.579	2747202	19.256 ug/ml
11) T n-Heneicosane (C21)	12.177	2730328	19.048 ug/ml
13) T n-Docosane (C22)	12.750	2784232	19.539 ug/mlm
14) T n-Tetracosane (C24)	13.829	2738993	19.518 ug/mlm
15) T n-Hexacosane (C26)	14.826	2665494	19.684 ug/ml
16) T n-Octacosane (C28)	15.754	2651253	20.357 ug/mlm
17) T n-Tricontane (C30)	16.621	2646344	21.616 ug/ml
18) T n-Dotriacontane (C32)	17.433	2473611	22.186 ug/ml
19) T n-Tetratriacontane (C34)	18.198	2187044	21.443 ug/ml
20) T n-Hexatriacontane (C36)	18.920	1995739	21.075 ug/mlm
21) T n-Octatriacontane (C38)	19.603	1885608	20.437 ug/mlm
22) T n-Tetracontane (C40)	20.250	1889484	20.083 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

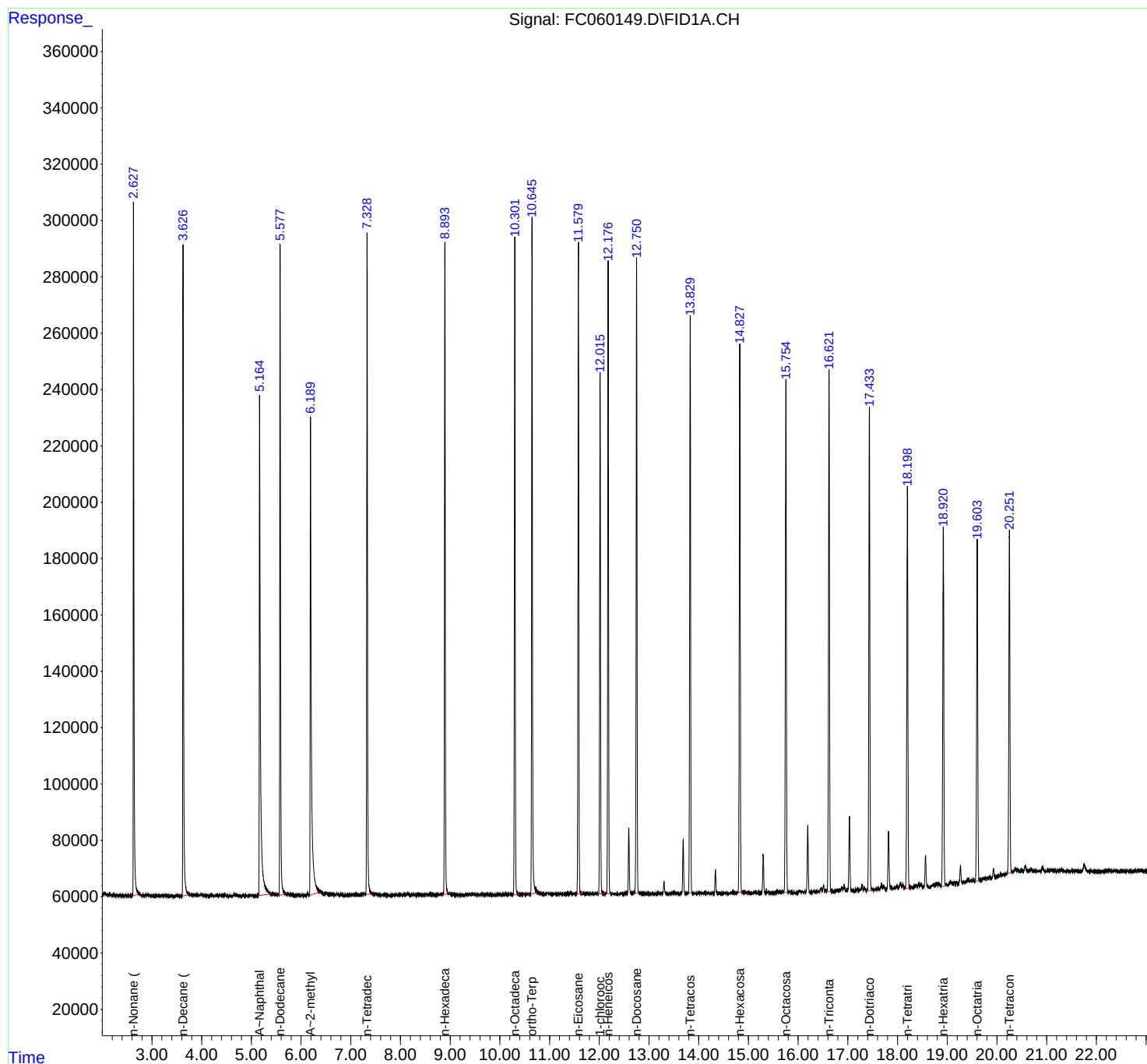
Instrument :
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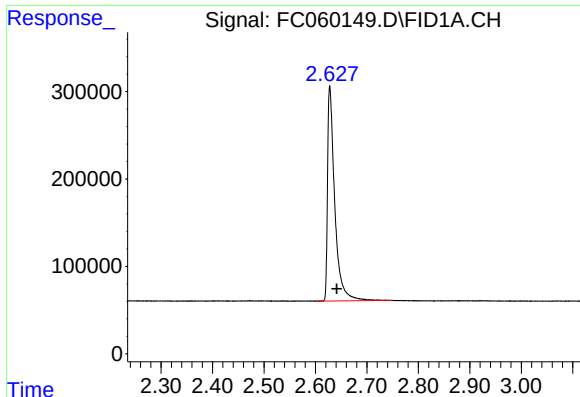
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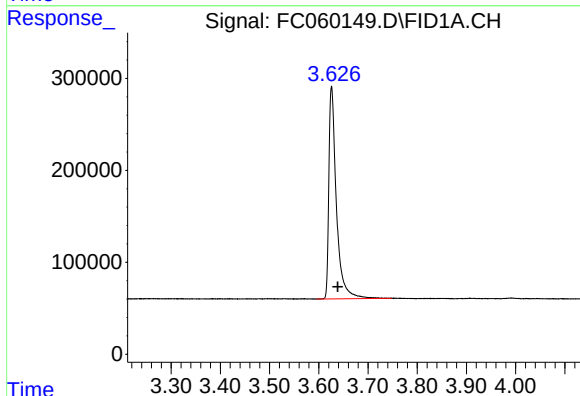
#1 n-Nonane (C9)

R.T.: 2.629 min
Delta R.T.: -0.012 min
Response: 2398116
Conc: 18.74 ug/ml

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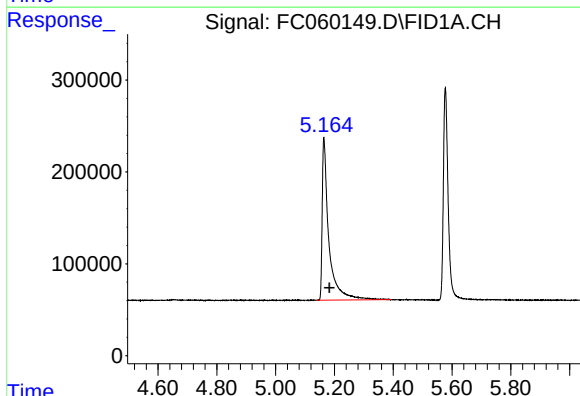
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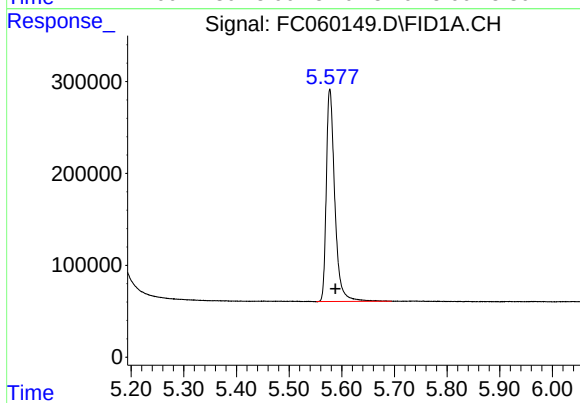
#2 n-Decane (C10)

R.T.: 3.627 min
Delta R.T.: -0.012 min
Response: 2454979
Conc: 19.19 ug/ml



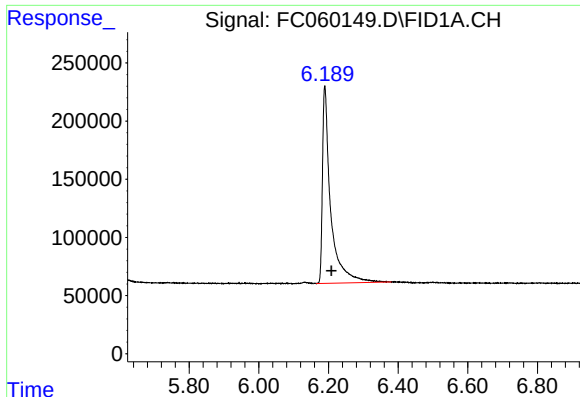
#3 A~Naphthalene (C11.7)

R.T.: 5.165 min
Delta R.T.: -0.018 min
Response: 2785750
Conc: 19.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.578 min
Delta R.T.: -0.010 min
Response: 2588702
Conc: 19.42 ug/ml



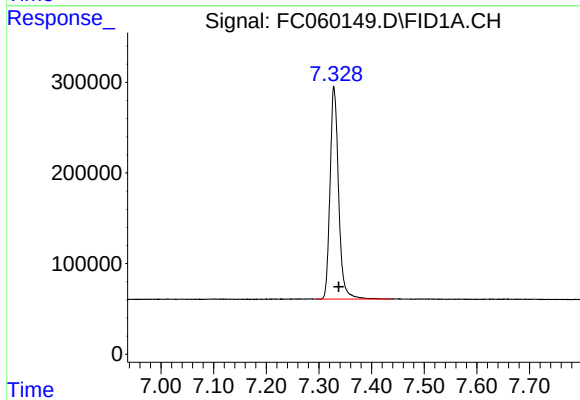
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.190 min
Delta R.T.: -0.018 min
Response: 2787680
Conc: 18.99 ug/ml

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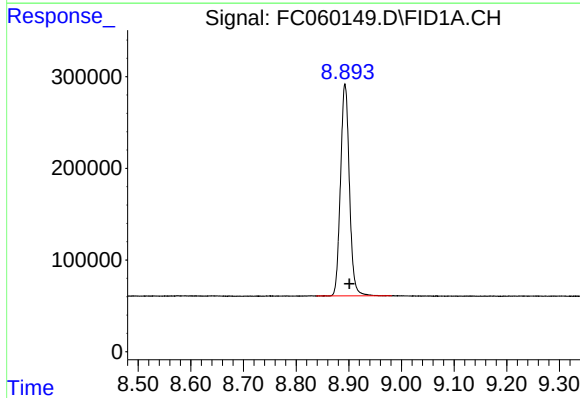
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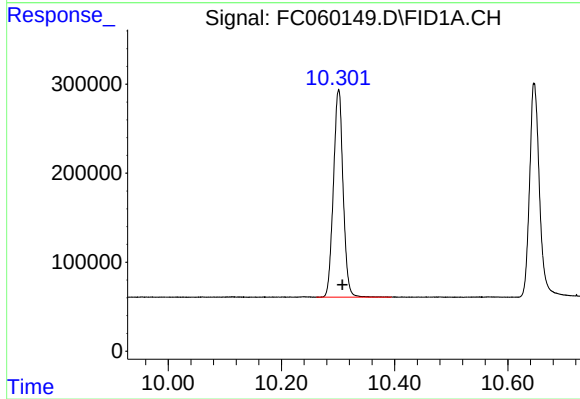
#6 n-Tetradecane (C14)

R.T.: 7.329 min
Delta R.T.: -0.009 min
Response: 2647195
Conc: 19.39 ug/ml



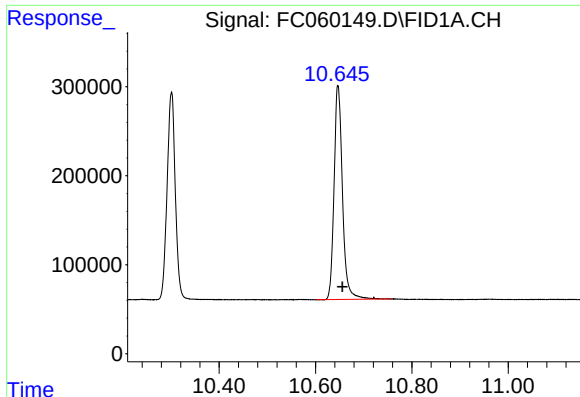
#7 n-Hexadecane (C16)

R.T.: 8.893 min
Delta R.T.: -0.008 min
Response: 2715559
Conc: 19.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.301 min
Delta R.T.: -0.007 min
Response: 2772000
Conc: 19.37 ug/ml



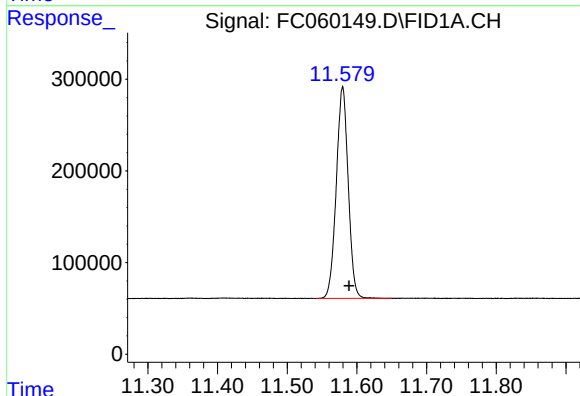
#9 ortho-Terphenyl (SURR)

R.T.: 10.647 min
Delta R.T.: -0.009 min
Response: 2927799
Conc: 18.81 ug/ml

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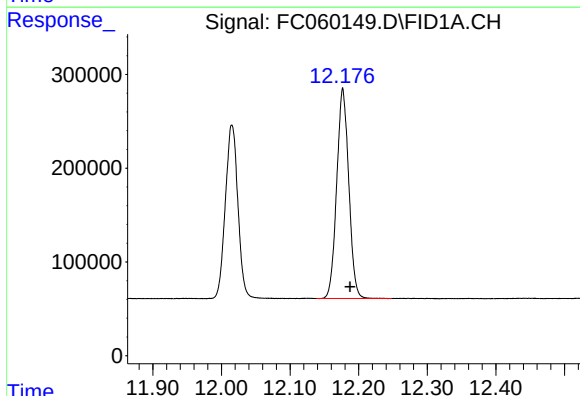
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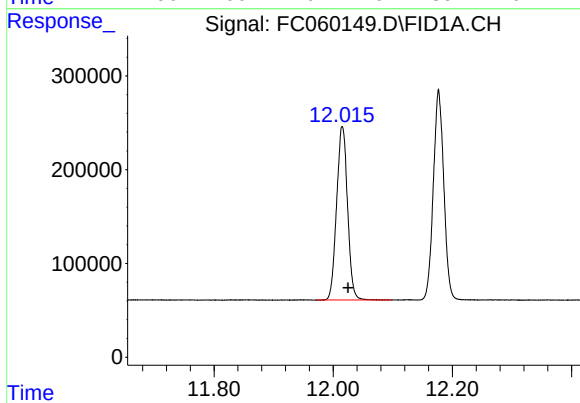
#10 n-Eicosane (C20)

R.T.: 11.579 min
Delta R.T.: -0.009 min
Response: 2747202
Conc: 19.26 ug/ml



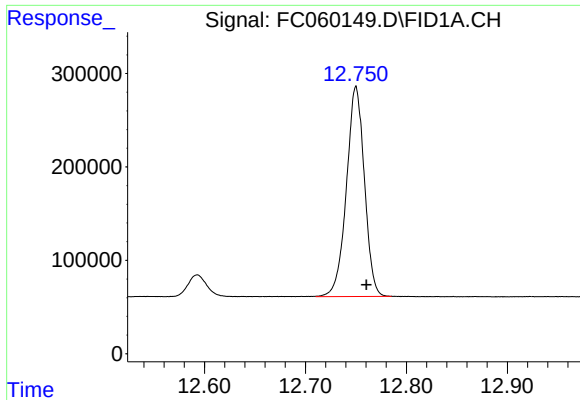
#11 n-Heneicosane (C21)

R.T.: 12.177 min
Delta R.T.: -0.011 min
Response: 2730328
Conc: 19.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.015 min
Delta R.T.: -0.010 min
Response: 2352161
Conc: 18.97 ug/ml



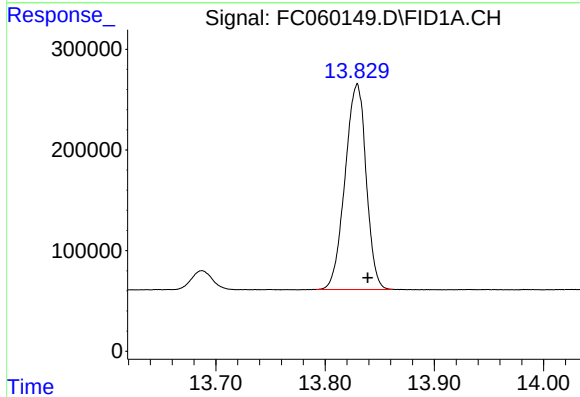
#13 n-Docosane (C22)

R.T.: 12.750 min
Delta R.T.: -0.011 min
Response: 2784232
Conc: 19.54 ug/ml

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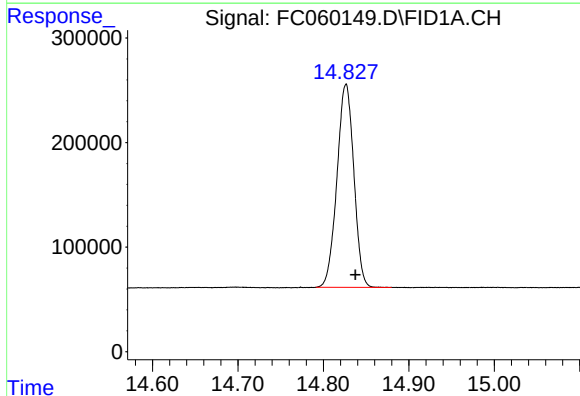
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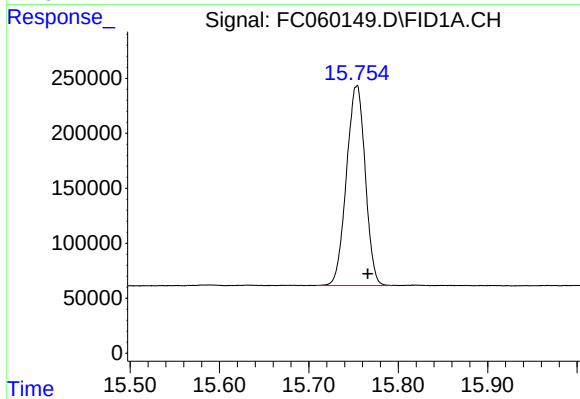
#14 n-Tetracosane (C24)

R.T.: 13.829 min
Delta R.T.: -0.010 min
Response: 2738993
Conc: 19.52 ug/ml m



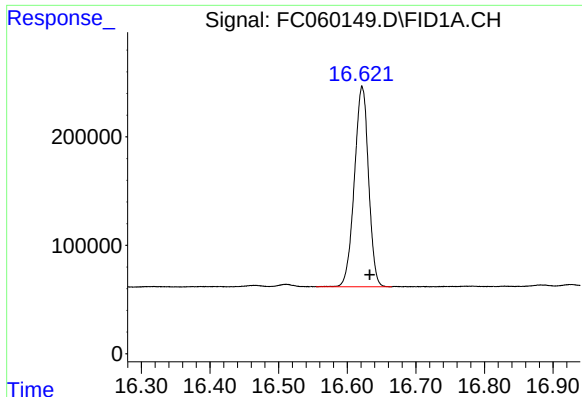
#15 n-Hexacosane (C26)

R.T.: 14.826 min
Delta R.T.: -0.011 min
Response: 2665494
Conc: 19.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.754 min
Delta R.T.: -0.012 min
Response: 2651253
Conc: 20.36 ug/ml m



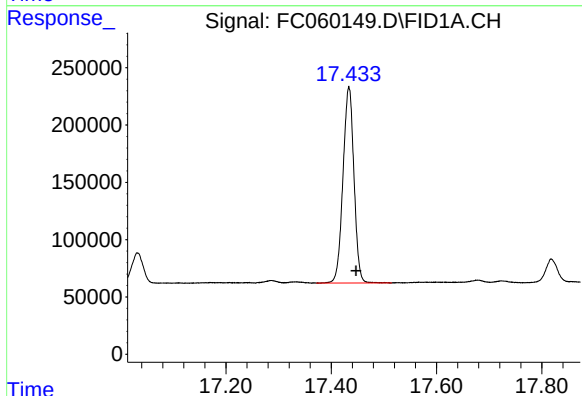
#17 n-Tricontane (C30)

R.T.: 16.621 min
Delta R.T.: -0.012 min
Response: 2646344
Conc: 21.62 ug/ml

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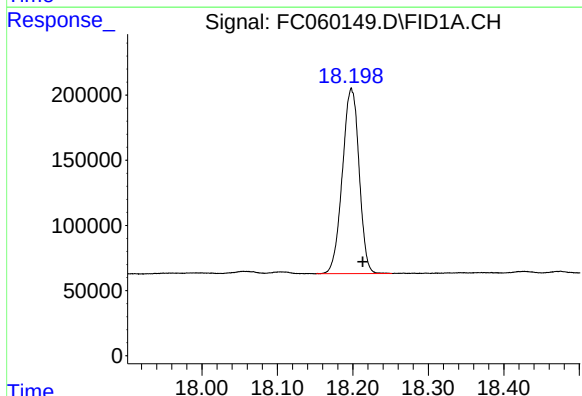
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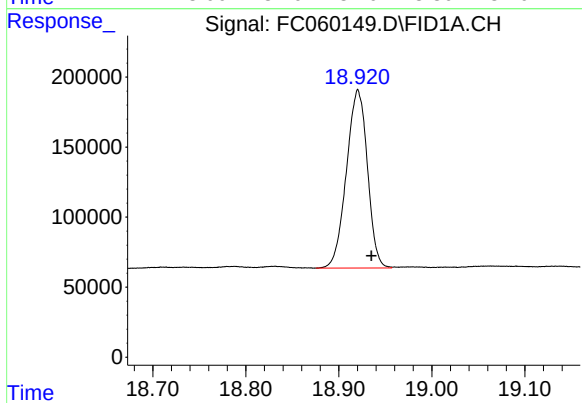
#18 n-Dotriacontane (C32)

R.T.: 17.433 min
Delta R.T.: -0.014 min
Response: 2473611
Conc: 22.19 ug/ml



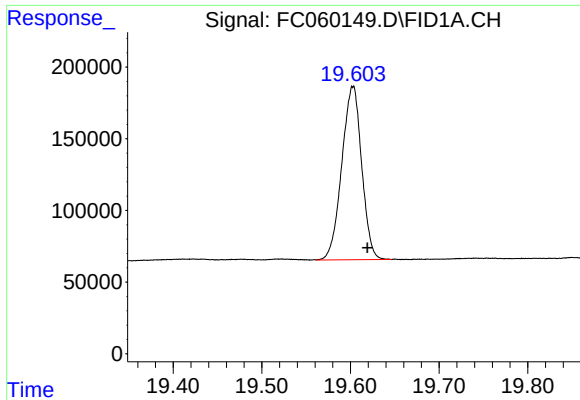
#19 n-Tetratriacontane (C34)

R.T.: 18.198 min
Delta R.T.: -0.015 min
Response: 2187044
Conc: 21.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.920 min
Delta R.T.: -0.015 min
Response: 1995739
Conc: 21.07 ug/ml m



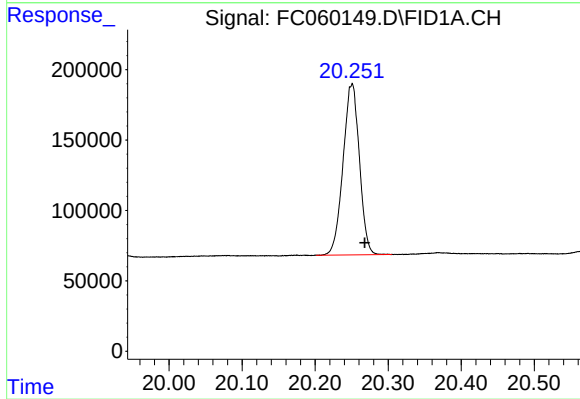
#21 n-Octatriacontane (C38)

R.T.: 19.603 min
Delta R.T.: -0.016 min
Response: 1885608
Conc: 20.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.250 min
Delta R.T.: -0.018 min
Response: 1889484
Conc: 20.08 ug/ml