

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061022AL\
 Data File : FC060184.D
 Signal(s) : FID1A.CH
 Acq On : 10 Jun 2022 10:22
 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 06/13/2022
 Supervised By :Ankita Jodhani 06/13/2022

Integration File: autoint1.e
 Quant Time: Jun 10 23:03:54 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	2789722	17.926 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
12) S 1-chlorooctadecane (S...	12.015	2235985	18.034 ug/ml
Spiked Amount 50.000		Recovery =	36.07%
Target Compounds			
1) T n-Nonane (C9)	2.625	2287970	17.877 ug/ml
2) T n-Decane (C10)	3.625	2308751	18.047 ug/ml
3) T A~Naphthalene (C11.7)	5.165	2588392	17.908 ug/ml
4) T n-Dodecane (C12)	5.577	2438695	18.294 ug/ml
5) T A~2-methylnaphthalene...	6.189	2665389	18.160 ug/ml
6) T n-Tetradecane (C14)	7.328	2492122	18.255 ug/ml
7) T n-Hexadecane (C16)	8.892	2574987	18.352 ug/ml
8) T n-Octadecane (C18)	10.301	2625104	18.343 ug/ml
10) T n-Eicosane (C20)	11.579	2608057	18.280 ug/ml
11) T n-Heneicosane (C21)	12.178	2593040	18.090 ug/ml
13) T n-Docosane (C22)	12.750	2644745	18.560 ug/mlm
14) T n-Tetracosane (C24)	13.827	2629756	18.740 ug/ml
15) T n-Hexacosane (C26)	14.825	2533543	18.709 ug/ml
16) T n-Octacosane (C28)	15.753	2547388	19.560 ug/ml
17) T n-Tricontane (C30)	16.618	2564270	20.946 ug/ml
18) T n-Dotriacontane (C32)	17.432	2420642	21.711 ug/ml
19) T n-Tetratriacontane (C34)	18.198	2152705	21.106 ug/ml
20) T n-Hexatriacontane (C36)	18.918	1929380	20.374 ug/ml
21) T n-Octatriacontane (C38)	19.601	1823106	19.760 ug/ml
22) T n-Tetracontane (C40)	20.249	1821546	19.360 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

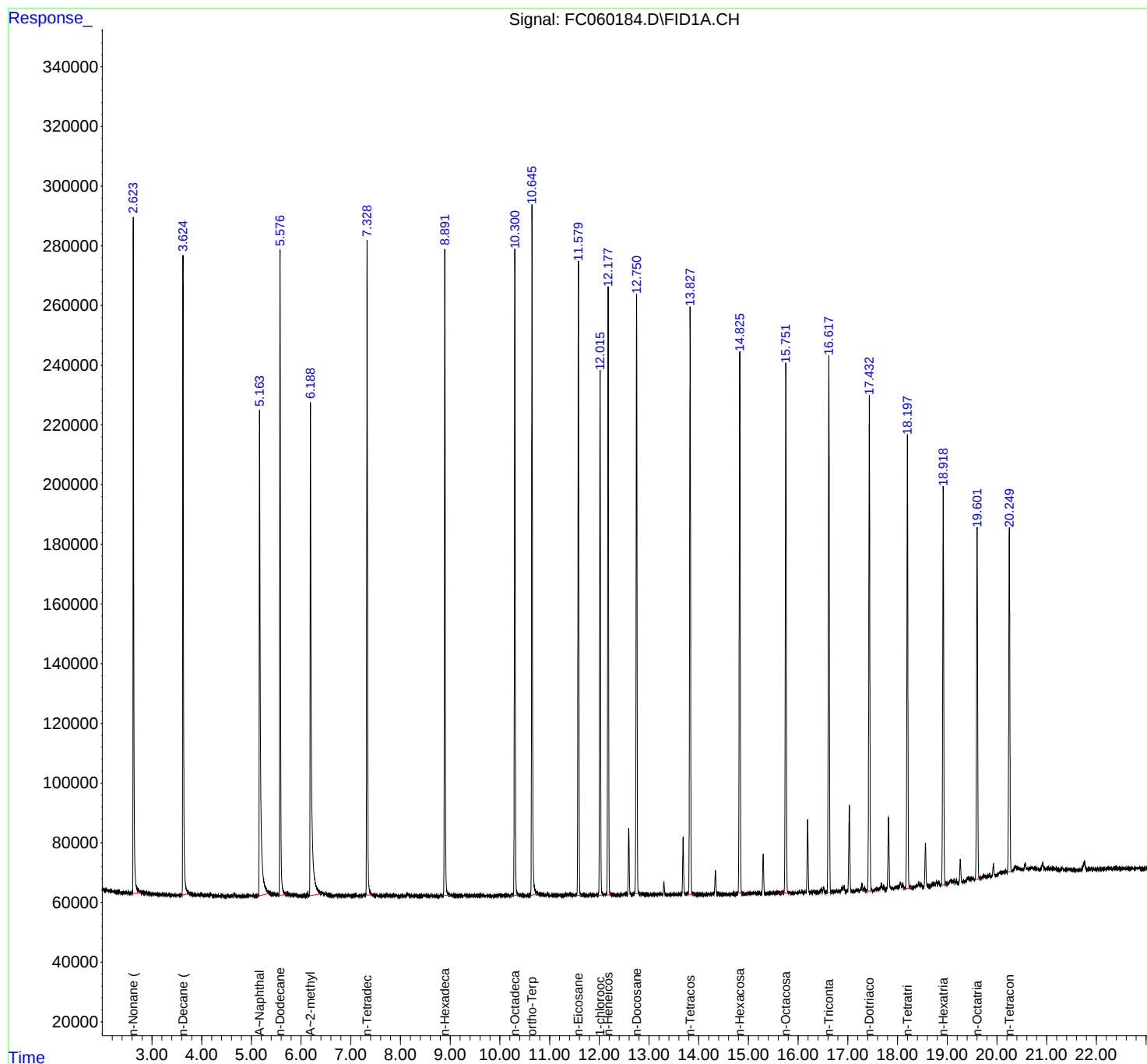
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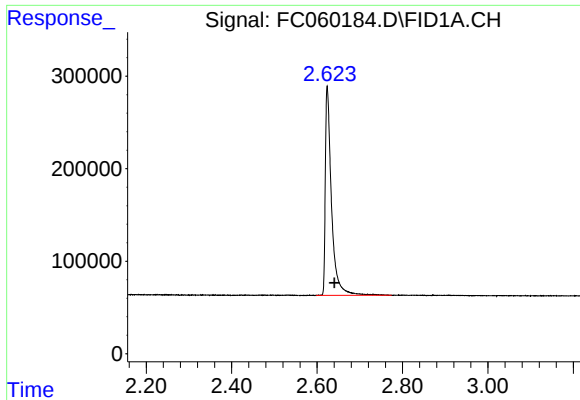
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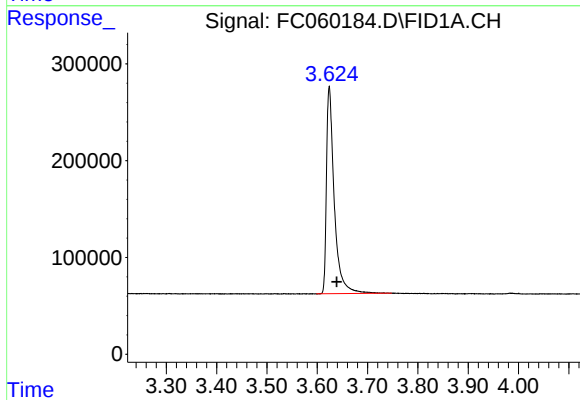
#1 n-Nonane (C9)

R.T.: 2.625 min
Delta R.T.: -0.016 min
Response: 2287970
Conc: 17.88 ug/ml

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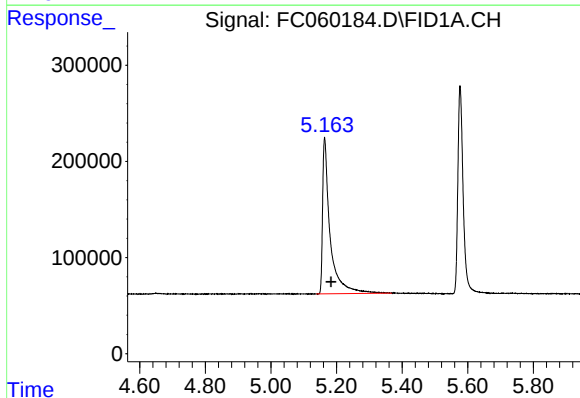
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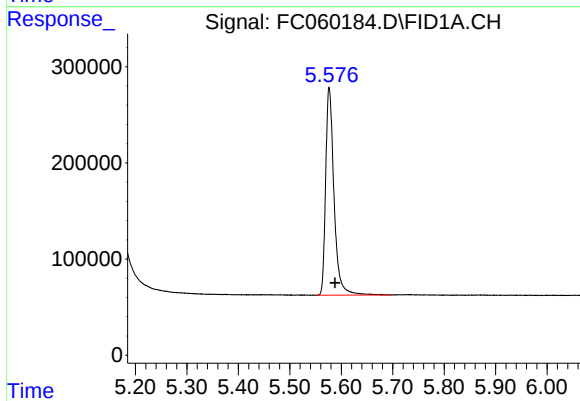
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.014 min
Response: 2308751
Conc: 18.05 ug/ml



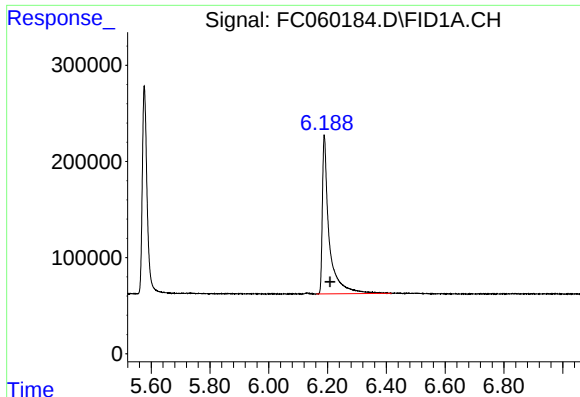
#3 A~Naphthalene (C11.7)

R.T.: 5.165 min
Delta R.T.: -0.019 min
Response: 2588392
Conc: 17.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.577 min
Delta R.T.: -0.011 min
Response: 2438695
Conc: 18.29 ug/ml



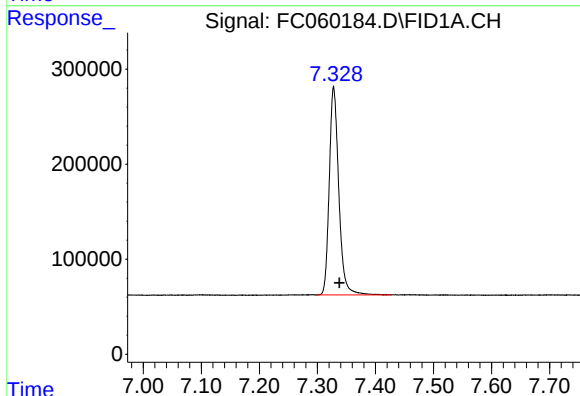
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.189 min
Delta R.T.: -0.019 min
Response: 2665389
Conc: 18.16 ug/ml

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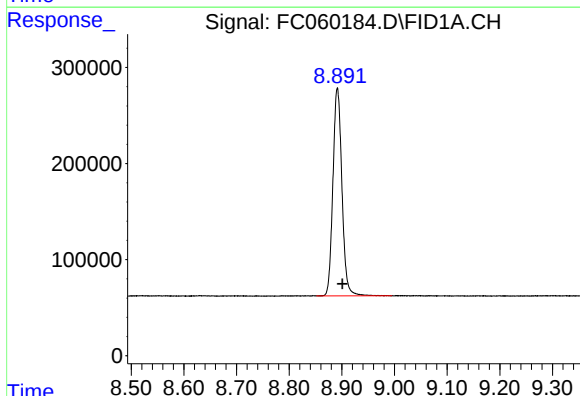
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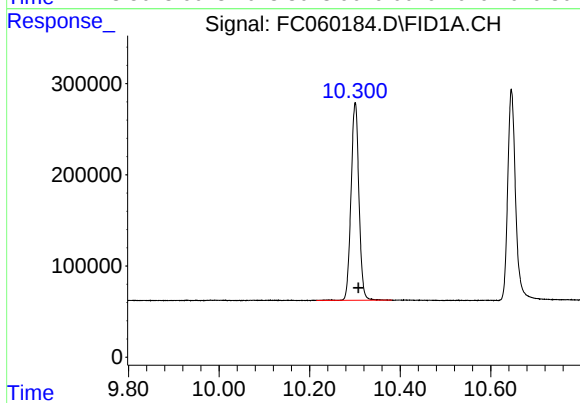
#6 n-Tetradecane (C14)

R.T.: 7.328 min
Delta R.T.: -0.009 min
Response: 2492122
Conc: 18.26 ug/ml



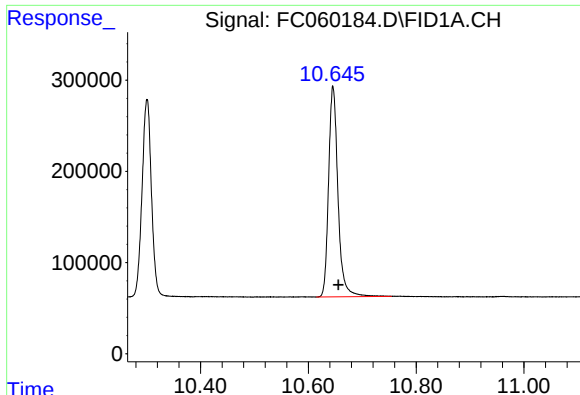
#7 n-Hexadecane (C16)

R.T.: 8.892 min
Delta R.T.: -0.010 min
Response: 2574987
Conc: 18.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.301 min
Delta R.T.: -0.007 min
Response: 2625104
Conc: 18.34 ug/ml



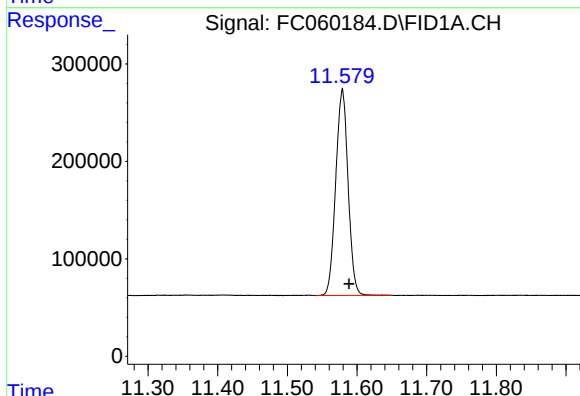
#9 ortho-Terphenyl (SURR)

R.T.: 10.646 min
Delta R.T.: -0.010 min
Response: 2789722
Conc: 17.93 ug/ml

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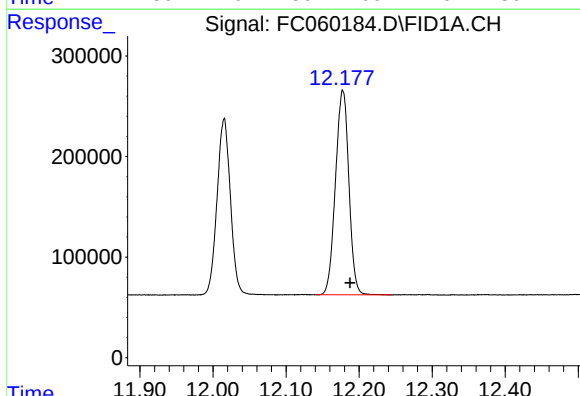
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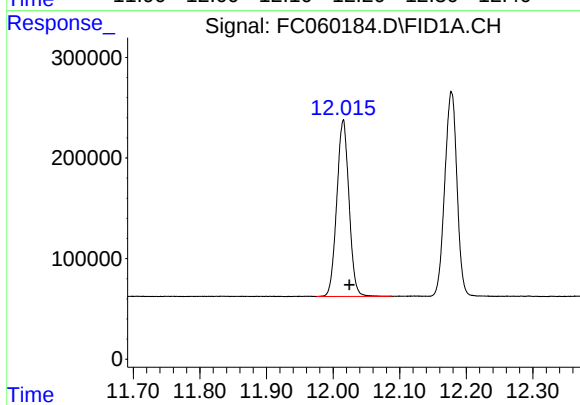
#10 n-Eicosane (C20)

R.T.: 11.579 min
Delta R.T.: -0.010 min
Response: 2608057
Conc: 18.28 ug/ml



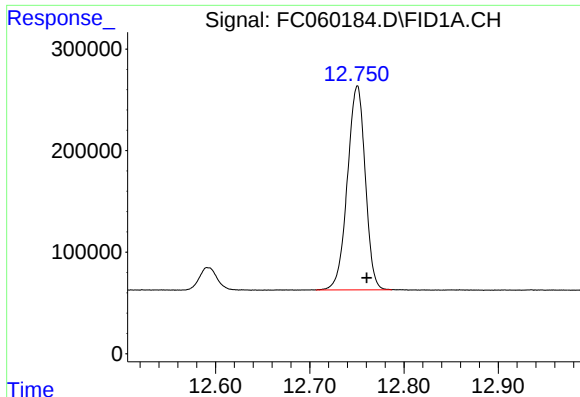
#11 n-Heneicosane (C21)

R.T.: 12.178 min
Delta R.T.: -0.010 min
Response: 2593040
Conc: 18.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.015 min
Delta R.T.: -0.010 min
Response: 2235985
Conc: 18.03 ug/ml



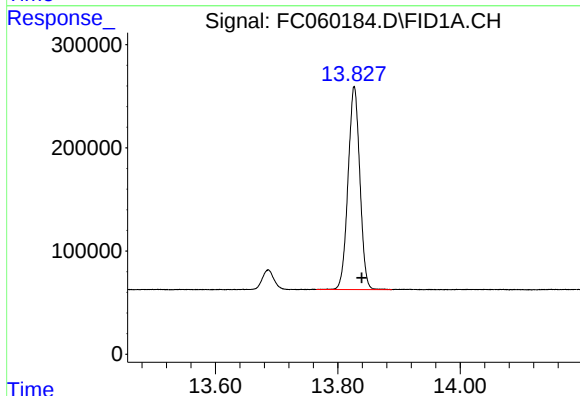
#13 n-Docosane (C22)

R.T.: 12.750 min
Delta R.T.: -0.010 min
Response: 2644745
Conc: 18.56 ug/ml

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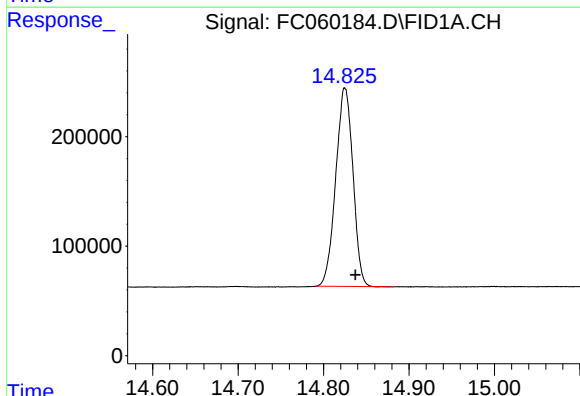
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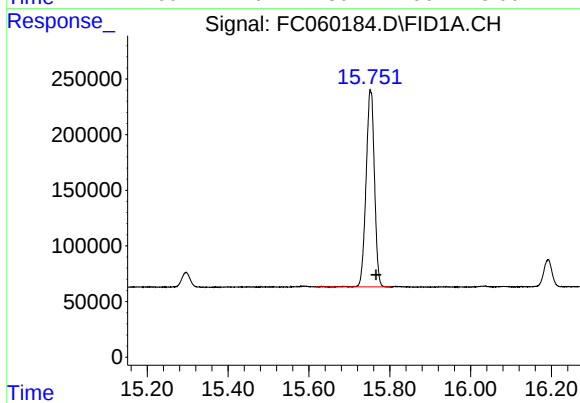
#14 n-Tetracosane (C24)

R.T.: 13.827 min
Delta R.T.: -0.012 min
Response: 2629756
Conc: 18.74 ug/ml



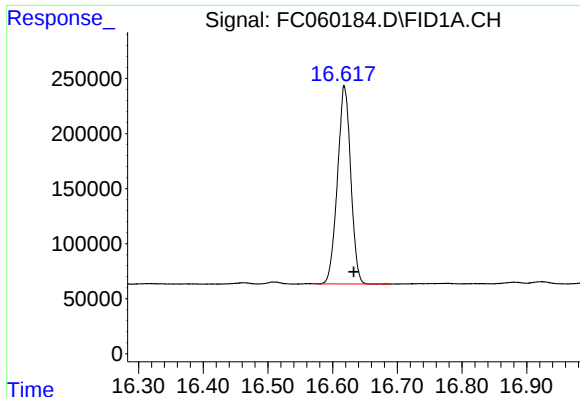
#15 n-Hexacosane (C26)

R.T.: 14.825 min
Delta R.T.: -0.012 min
Response: 2533543
Conc: 18.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.753 min
Delta R.T.: -0.013 min
Response: 2547388
Conc: 19.56 ug/ml



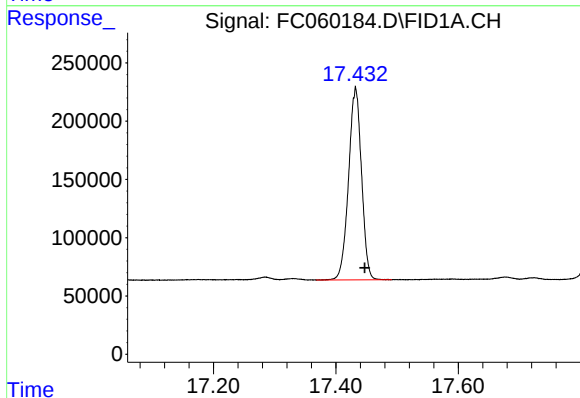
#17 n-Tricontane (C30)

R.T.: 16.618 min
Delta R.T.: -0.015 min
Response: 2564270
Conc: 20.95 ug/ml

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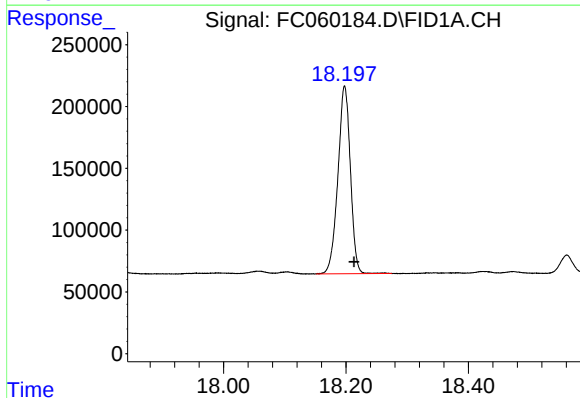
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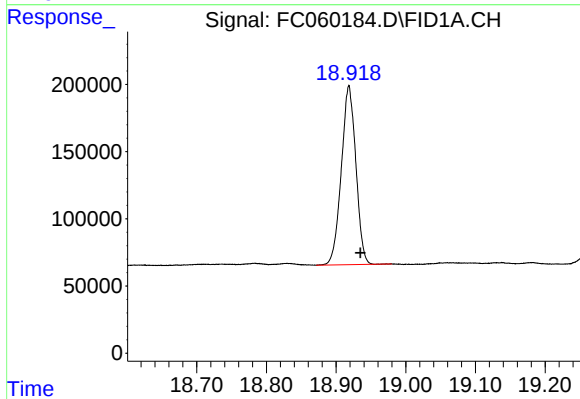
#18 n-Dotriacontane (C32)

R.T.: 17.432 min
Delta R.T.: -0.015 min
Response: 2420642
Conc: 21.71 ug/ml



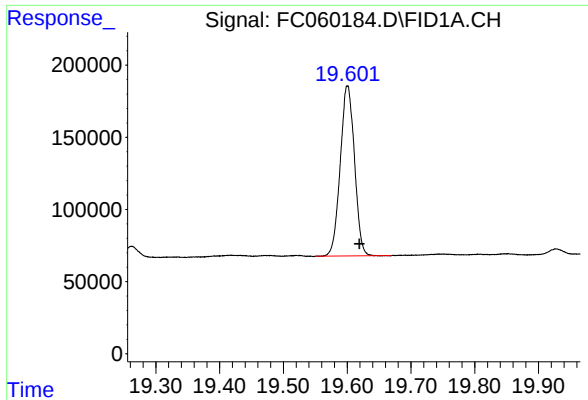
#19 n-Tetratriacontane (C34)

R.T.: 18.198 min
Delta R.T.: -0.015 min
Response: 2152705
Conc: 21.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.918 min
Delta R.T.: -0.017 min
Response: 1929380
Conc: 20.37 ug/ml



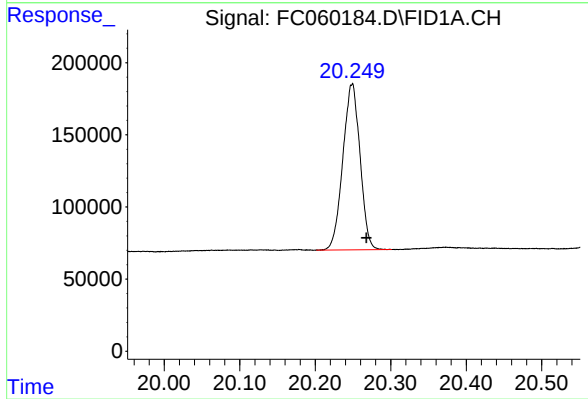
#21 n-Octatriacontane (C38)

R.T.: 19.601 min
Delta R.T.: -0.019 min
Response: 1823106
Conc: 19.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.249 min
Delta R.T.: -0.019 min
Response: 1821546
Conc: 19.36 ug/ml