

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061422AL\
 Data File : FC060247.D
 Signal(s) : FID1A.CH
 Acq On : 15 Jun 2022 2:44
 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

Integration File: autoint1.e
 Quant Time: Jun 15 05:37:10 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	2768348	17.789 ug/ml
Spiked Amount 50.000		Recovery =	35.58%
12) S 1-chlorooctadecane (S...	12.019	2188572	17.651 ug/ml
Spiked Amount 50.000		Recovery =	35.30%
Target Compounds			
1) T n-Nonane (C9)	2.624	2492738	19.476 ug/ml
2) T n-Decane (C10)	3.623	2483858	19.416 ug/ml
3) T A~Naphthalene (C11.7)	5.162	2767609	19.148 ug/ml
4) T n-Dodecane (C12)	5.576	2598830	19.495 ug/ml
5) T A~2-methylnaphthalene...	6.186	2815872	19.186 ug/ml
6) T n-Tetradecane (C14)	7.329	2617998	19.177 ug/ml
7) T n-Hexadecane (C16)	8.893	2647398	18.868 ug/ml
8) T n-Octadecane (C18)	10.303	2642632	18.466 ug/ml
10) T n-Eicosane (C20)	11.582	2566513	17.989 ug/ml
11) T n-Heneicosane (C21)	12.182	2539855	17.719 ug/ml
13) T n-Docosane (C22)	12.755	2505539	17.583 ug/ml
14) T n-Tetracosane (C24)	13.833	2394522	17.063 ug/ml
15) T n-Hexacosane (C26)	14.832	2278568	16.826 ug/ml
16) T n-Octacosane (C28)	15.760	2205918	16.938 ug/ml
17) T n-Tricontane (C30)	16.628	2144416	17.516 ug/ml
18) T n-Dotriacontane (C32)	17.442	2046812	18.358 ug/ml
19) T n-Tetratriacontane (C34)	18.209	1937669	18.998 ug/ml
20) T n-Hexatriacontane (C36)	18.930	1871153	19.759 ug/ml
21) T n-Octatriacontane (C38)	19.614	1807848	19.595 ug/ml
22) T n-Tetracontane (C40)	20.263	1857884	19.747 ug/ml

(f)=RT Delta > 1/2 Window

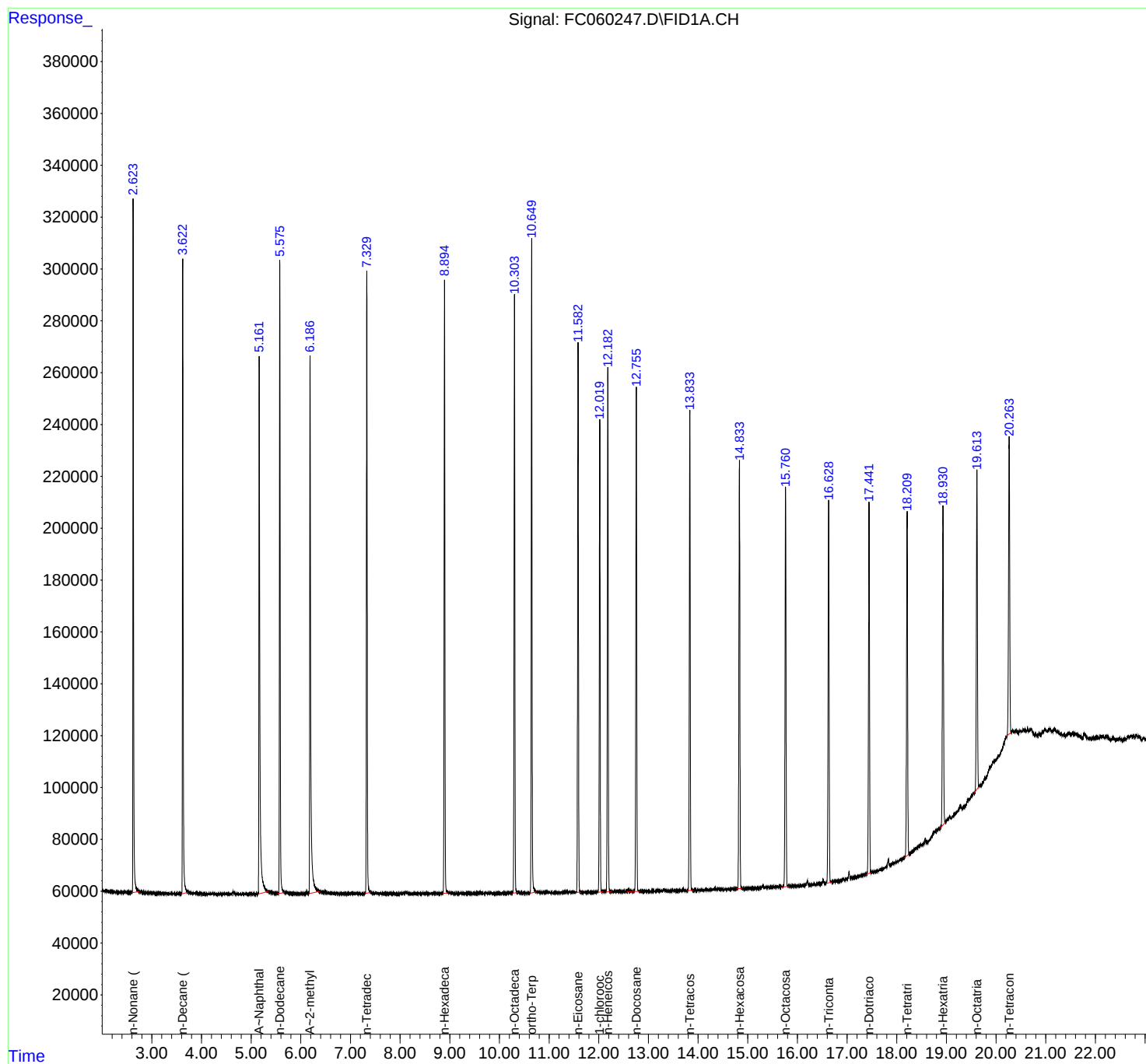
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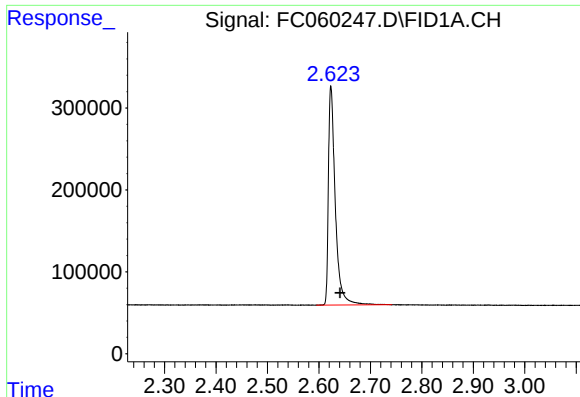
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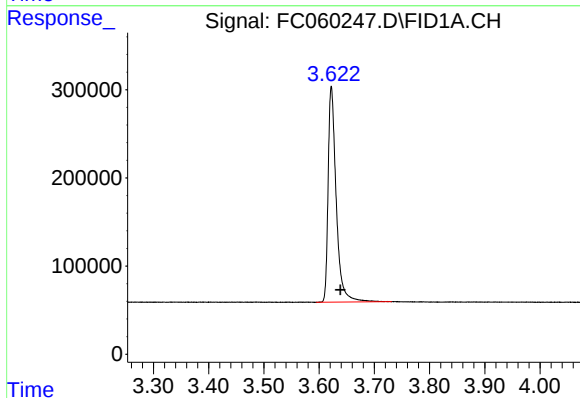




#1 n-Nonane (C9)

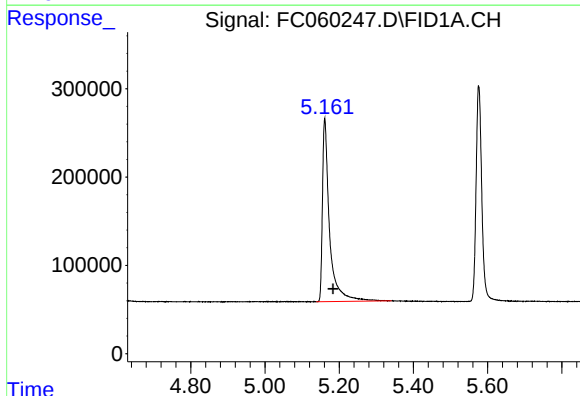
R.T.: 2.624 min
Delta R.T.: -0.017 min
Response: 2492738
Conc: 19.48 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



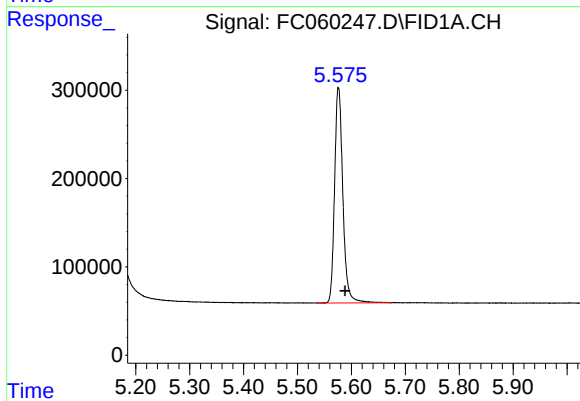
#2 n-Decane (C10)

R.T.: 3.623 min
Delta R.T.: -0.016 min
Response: 2483858
Conc: 19.42 ug/ml



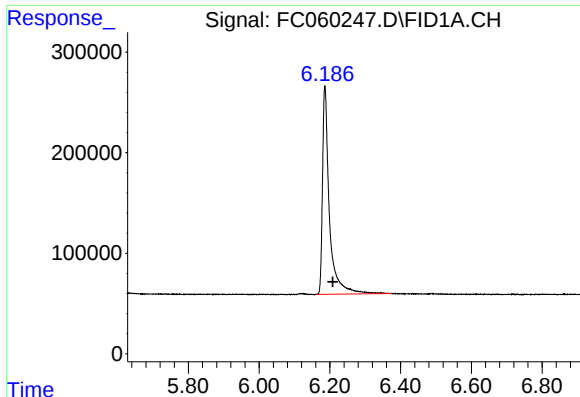
#3 A~Naphthalene (C11.7)

R.T.: 5.162 min
Delta R.T.: -0.022 min
Response: 2767609
Conc: 19.15 ug/ml



#4 n-Dodecane (C12)

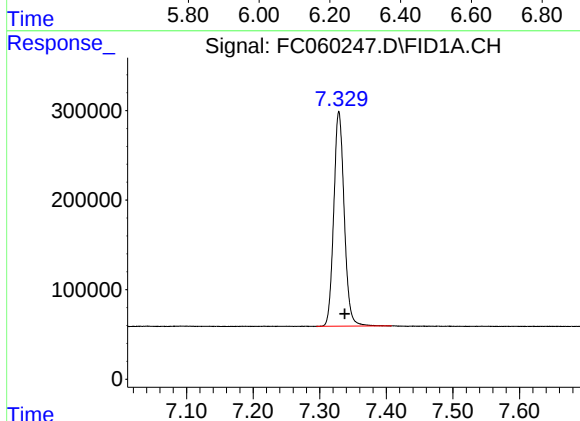
R.T.: 5.576 min
Delta R.T.: -0.012 min
Response: 2598830
Conc: 19.50 ug/ml



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

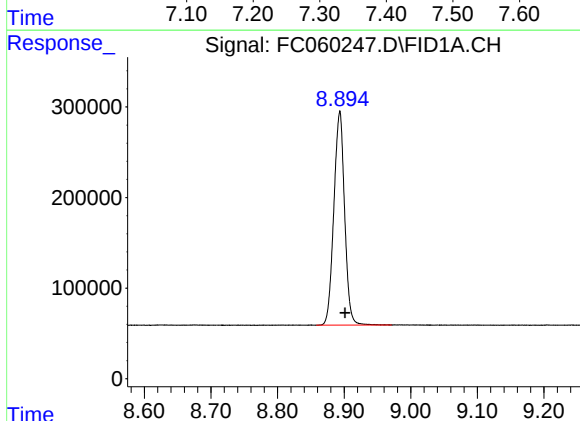
R.T.: 6.186 min
Delta R.T.: -0.022 min
Response: 2815872
Conc: 19.19 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



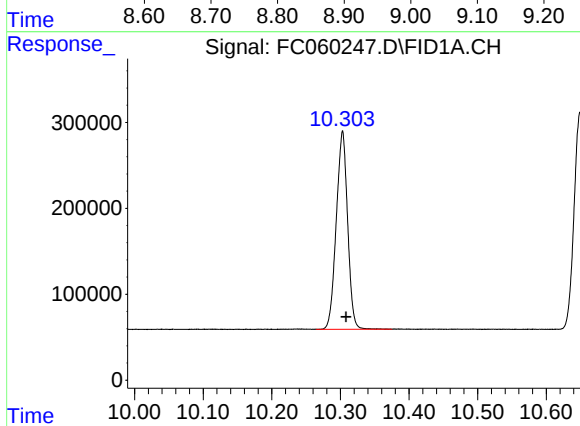
#6 n-Tetradecane (C14)

R.T.: 7.329 min
Delta R.T.: -0.009 min
Response: 2617998
Conc: 19.18 ug/ml



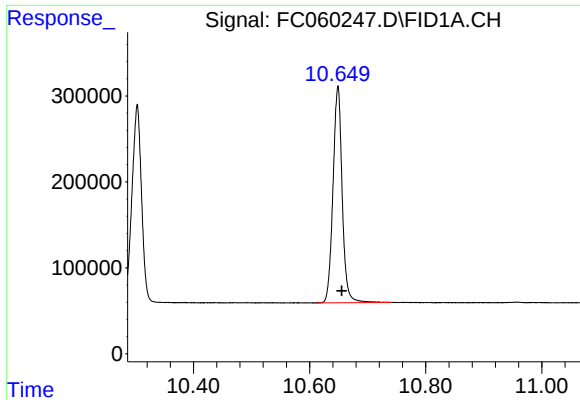
#7 n-Hexadecane (C16)

R.T.: 8.893 min
Delta R.T.: -0.008 min
Response: 2647398
Conc: 18.87 ug/ml



#8 n-Octadecane (C18)

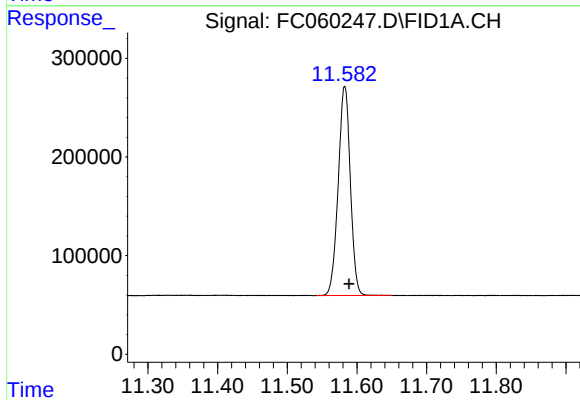
R.T.: 10.303 min
Delta R.T.: -0.005 min
Response: 2642632
Conc: 18.47 ug/ml



#9 ortho-Terphenyl (SURR)

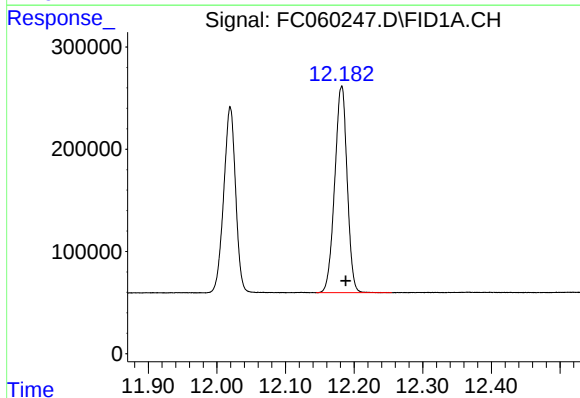
R.T.: 10.649 min
Delta R.T.: -0.007 min
Response: 2768348
Conc: 17.79 ug/ml

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FID_C
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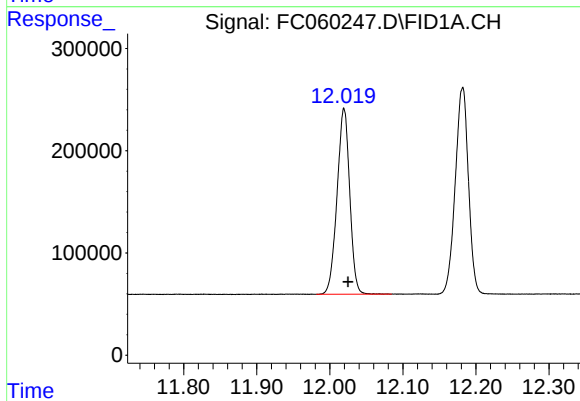
#10 n-Eicosane (C20)

R.T.: 11.582 min
Delta R.T.: -0.006 min
Response: 2566513
Conc: 17.99 ug/ml



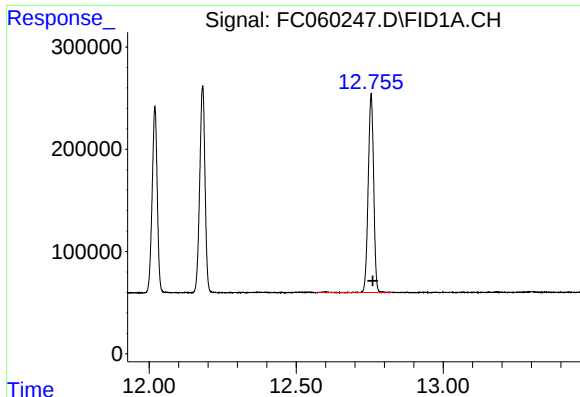
#11 n-Heneicosane (C21)

R.T.: 12.182 min
Delta R.T.: -0.006 min
Response: 2539855
Conc: 17.72 ug/ml



#12 1-chlorooctadecane (SURR)

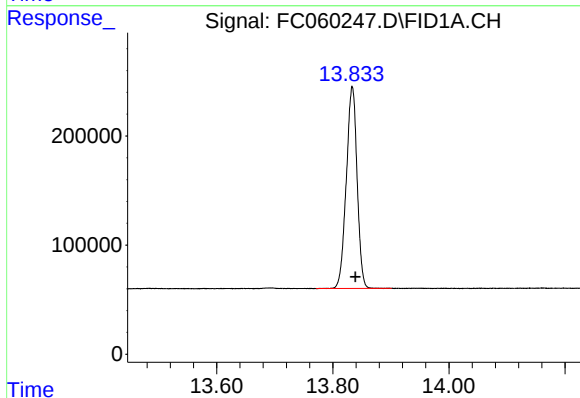
R.T.: 12.019 min
Delta R.T.: -0.005 min
Response: 2188572
Conc: 17.65 ug/ml



#13 n-Docosane (C22)

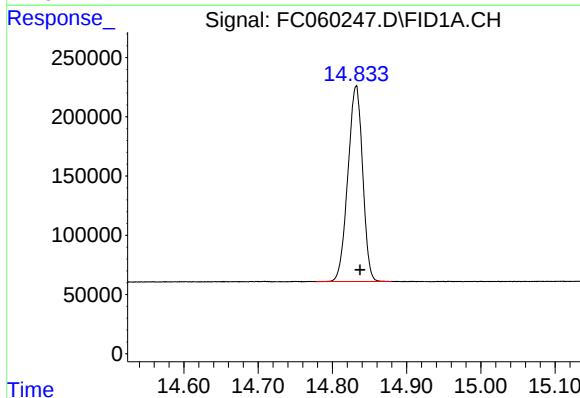
R.T.: 12.755 min
Delta R.T.: -0.006 min
Response: 2505539
Conc: 17.58 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



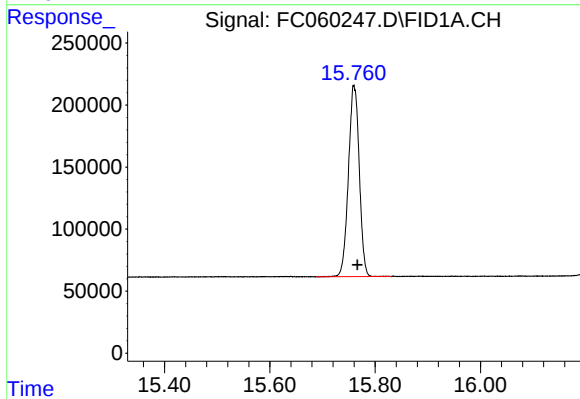
#14 n-Tetracosane (C24)

R.T.: 13.833 min
Delta R.T.: -0.006 min
Response: 2394522
Conc: 17.06 ug/ml



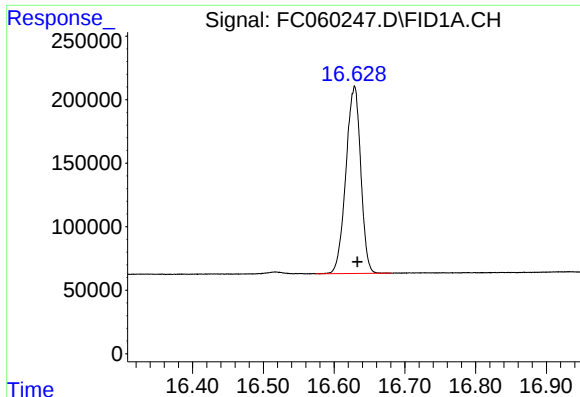
#15 n-Hexacosane (C26)

R.T.: 14.832 min
Delta R.T.: -0.006 min
Response: 2278568
Conc: 16.83 ug/ml



#16 n-Octacosane (C28)

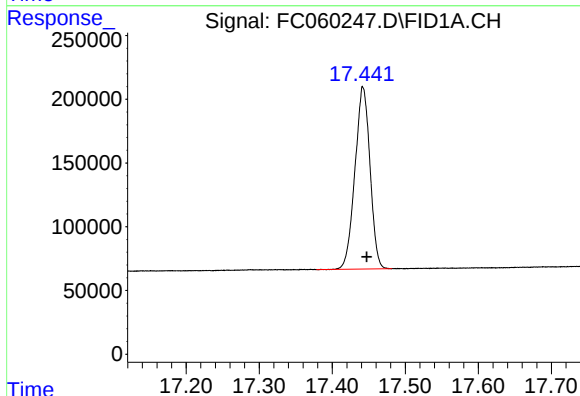
R.T.: 15.760 min
Delta R.T.: -0.006 min
Response: 2205918
Conc: 16.94 ug/ml



#17 n-Tricontane (C30)

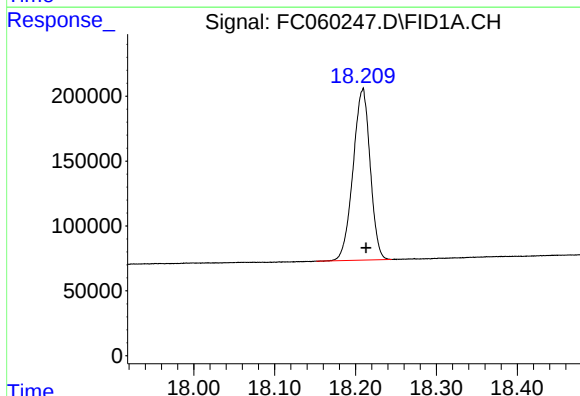
R.T.: 16.628 min
Delta R.T.: -0.005 min
Response: 2144416
Conc: 17.52 ug/ml

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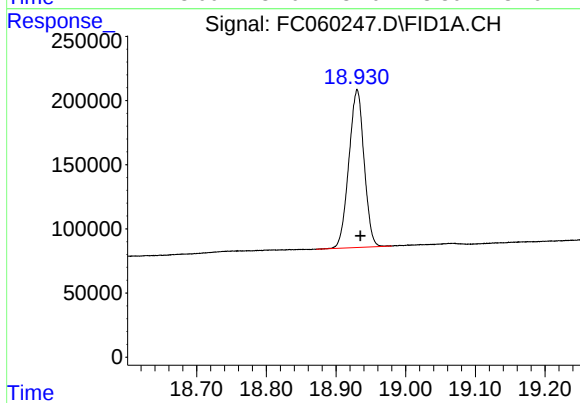
#18 n-Dotriacontane (C32)

R.T.: 17.442 min
Delta R.T.: -0.005 min
Response: 2046812
Conc: 18.36 ug/ml



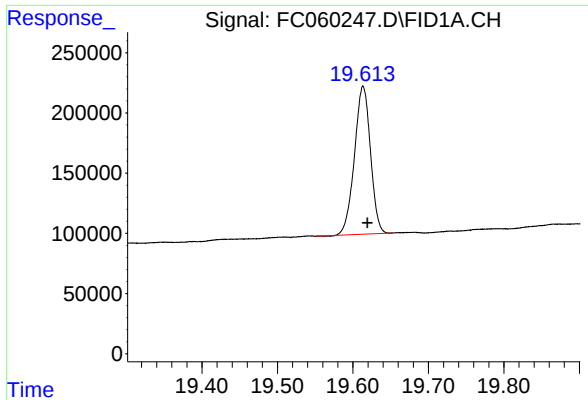
#19 n-Tetratriacontane (C34)

R.T.: 18.209 min
Delta R.T.: -0.005 min
Response: 1937669
Conc: 19.00 ug/ml



#20 n-Hexatriacontane (C36)

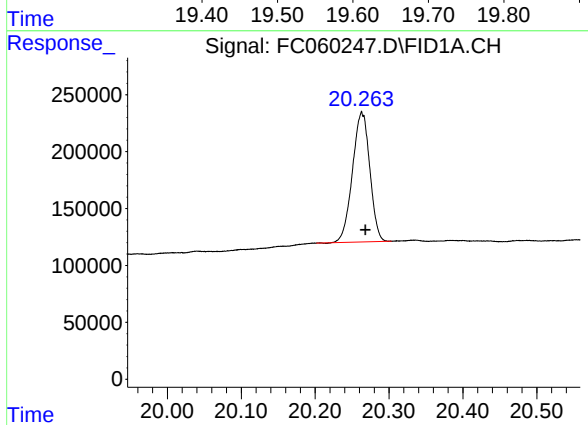
R.T.: 18.930 min
Delta R.T.: -0.005 min
Response: 1871153
Conc: 19.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.614 min
Delta R.T.: -0.006 min
Response: 1807848
Conc: 19.59 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.263 min
Delta R.T.: -0.005 min
Response: 1857884
Conc: 19.75 ug/ml