

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082719AL\
 Data File : FD030347.D
 Signal(s) : FID2B.CH
 Acq On : 28 Aug 2019 13:05
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Ankita
 8/28/2019 3:44:14 PM

Integration File: autoint1.e
 Quant Time: Aug 28 13:33:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 17:24:17 2019
 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)	11.543	2682846	19.518 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
12) S 1-chlorooctadecane (S...	12.970	2158651	18.927 ug/ml
Spiked Amount 50.000		Recovery =	37.85%
Target Compounds			
1) T n-Nonane (C9)	3.344	2657196	22.204 ug/ml
2) T n-Decane (C10)	4.405	2723304	22.393 ug/ml
3) T A-Naphthalene (C11.7)	5.984	3038553	22.071 ug/ml
4) T n-Dodecane (C12)	6.414	2725298	22.349 ug/ml
5) T A~2-methylnaphthalene...	7.036	3039772	21.979 ug/ml
6) T n-Tetradecane (C14)	8.200	2719852	22.051 ug/ml
7) T n-Hexadecane (C16)	9.792	2678884	21.454 ug/ml
8) T n-Octadecane (C18)	11.226	2615844	20.460 ug/ml
10) T n-Eicosane (C20)	12.528	2533572	19.514 ug/ml
11) T n-Heneicosane (C21)	13.135	2500628	19.255 ug/ml
13) T n-Docosane (C22)	13.718	2425457	18.575 ug/ml
14) T n-Tetracosane (C24)	14.814	2345431	17.870 ug/ml
15) T n-Hexacosane (C26)	15.827	2230561	17.294 ug/ml
16) T n-Octacosane (C28)	16.770	2184992	17.221 ug/ml
17) T n-Tricontane (C30)	17.651	2141727	17.673 ug/mlm
18) T n-Dotriacontane (C32)	18.477	2030545	18.109 ug/mlm
19) T n-Tetratriacontane (C34)	19.254	1781971	20.098 ug/mlm
20) T n-Hexatriacontane (C36)	19.987	1624670	21.860 ug/mlm
21) T n-Octatriacontane (C38)	20.702	1504971	22.610 ug/mlm
22) T n-Tetracontane (C40)	21.568	1465460	20.747 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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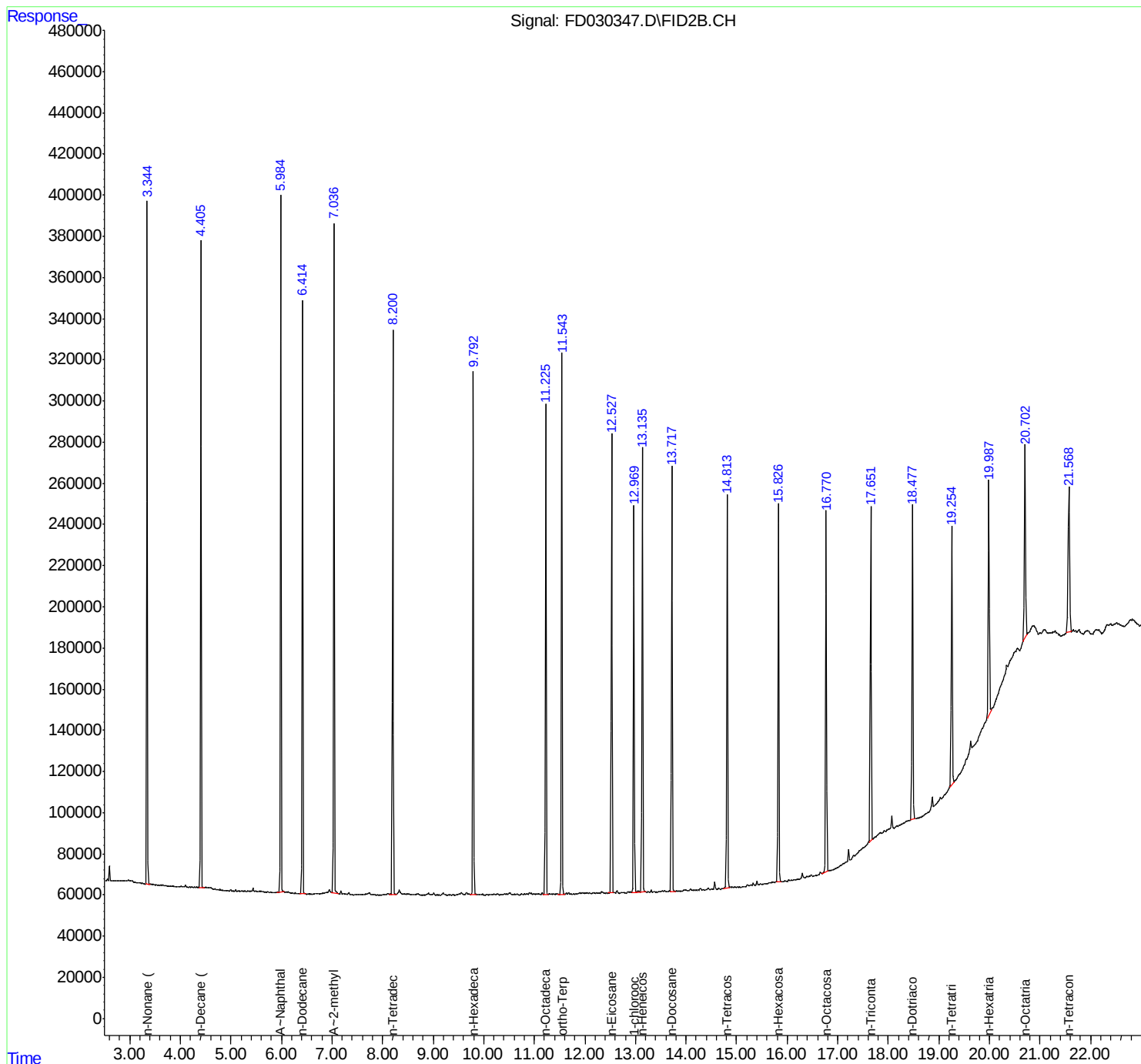
Instrument :
FID_D
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20 PPM ALIPHATIC HC STD

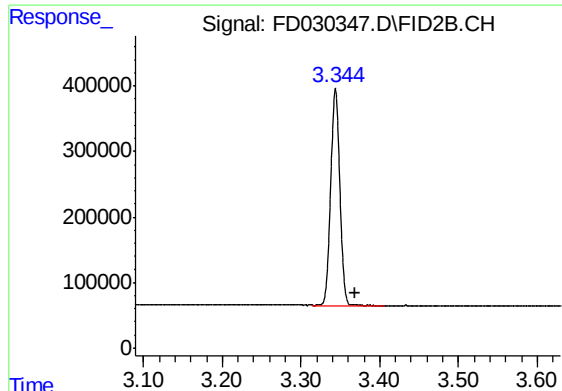
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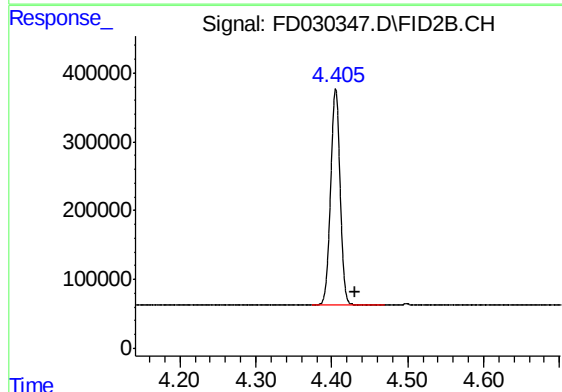
#1 n-Nonane (C9)

R.T.: 3.344 min
Delta R.T.: -0.025 min
Response: 2657196
Conc: 22.20 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

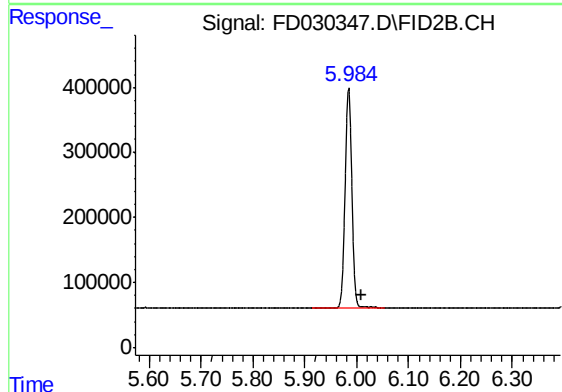
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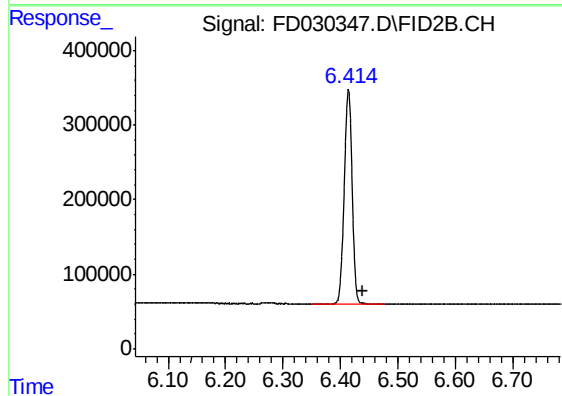
#2 n-Decane (C10)

R.T.: 4.405 min
Delta R.T.: -0.026 min
Response: 2723304
Conc: 22.39 ug/ml



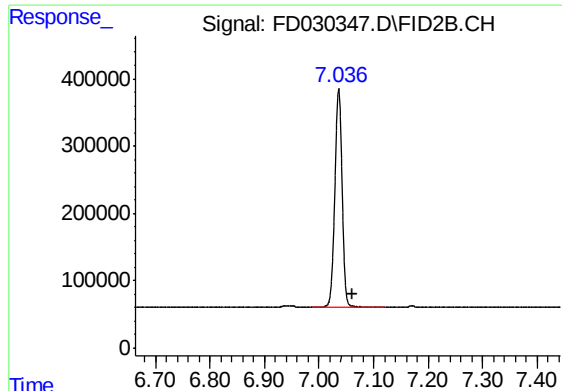
#3 A~Naphthalene (C11.7)

R.T.: 5.984 min
Delta R.T.: -0.025 min
Response: 3038553
Conc: 22.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.414 min
Delta R.T.: -0.025 min
Response: 2725298
Conc: 22.35 ug/ml



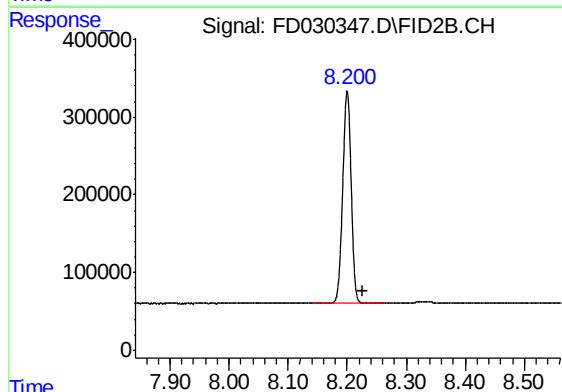
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.036 min
Delta R.T.: -0.024 min
Response: 3039772
Conc: 21.98 ug/ml

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20 PPM ALIPHATIC HC STD

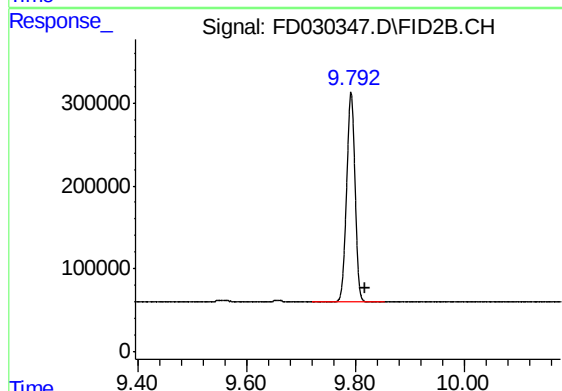
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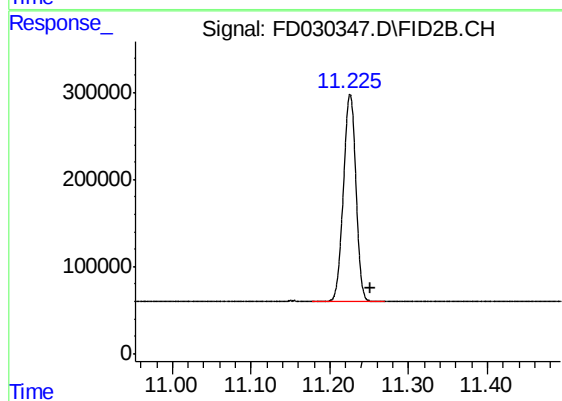
#6 n-Tetradecane (C14)

R.T.: 8.200 min
Delta R.T.: -0.025 min
Response: 2719852
Conc: 22.05 ug/ml



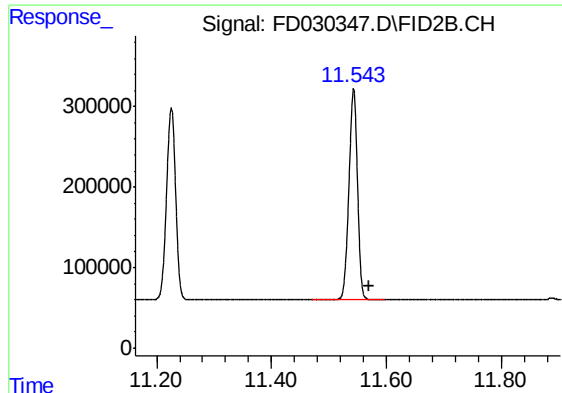
#7 n-Hexadecane (C16)

R.T.: 9.792 min
Delta R.T.: -0.026 min
Response: 2678884
Conc: 21.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.226 min
Delta R.T.: -0.026 min
Response: 2615844
Conc: 20.46 ug/ml



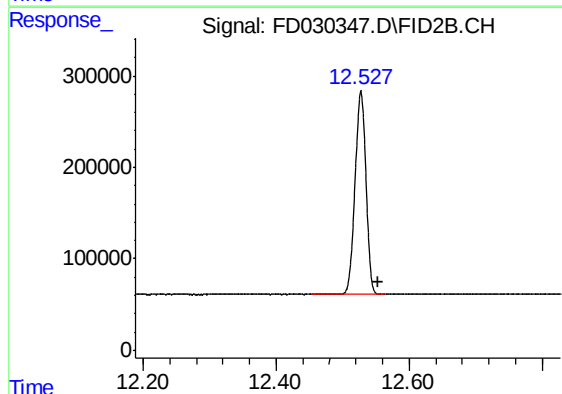
#9 ortho-Terphenyl (SURR)

R.T.: 11.543 min
Delta R.T.: -0.026 min
Response: 2682846
Conc: 19.52 ug/ml

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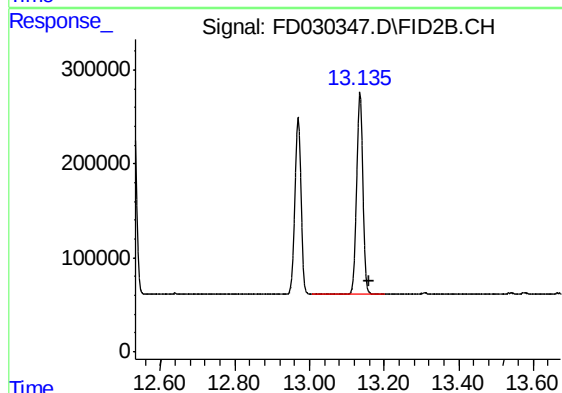
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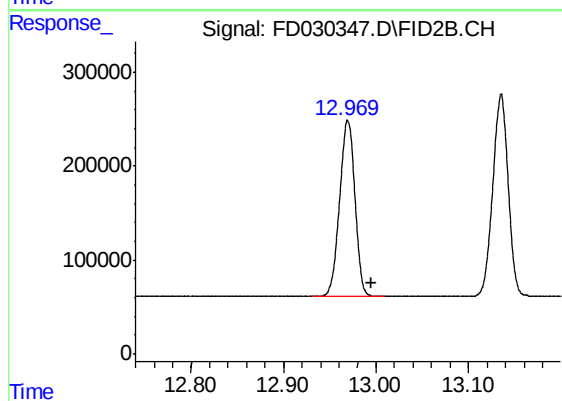
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: -0.025 min
Response: 2533572
Conc: 19.51 ug/ml



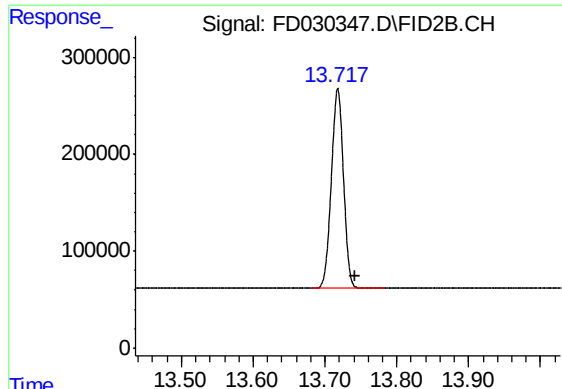
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: -0.025 min
Response: 2500628
Conc: 19.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.970 min
Delta R.T.: -0.025 min
Response: 2158651
Conc: 18.93 ug/ml



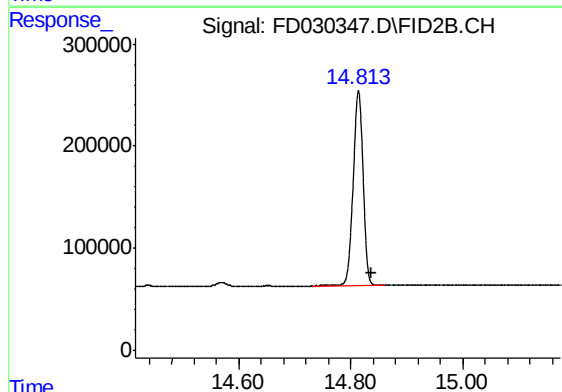
#13 n-Docosane (C22)

R.T.: 13.718 min
Delta R.T.: -0.024 min
Response: 2425457
Conc: 18.58 ug/ml

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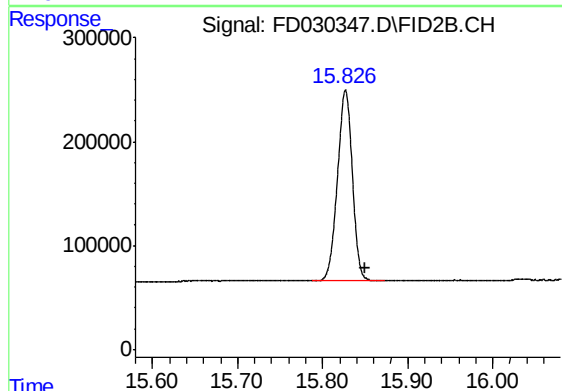
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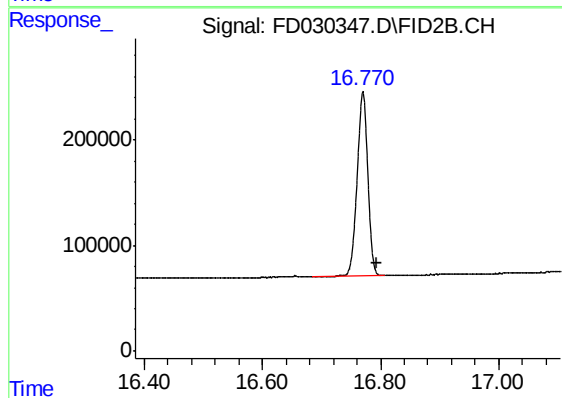
#14 n-Tetracosane (C24)

R.T.: 14.814 min
Delta R.T.: -0.024 min
Response: 2345431
Conc: 17.87 ug/ml



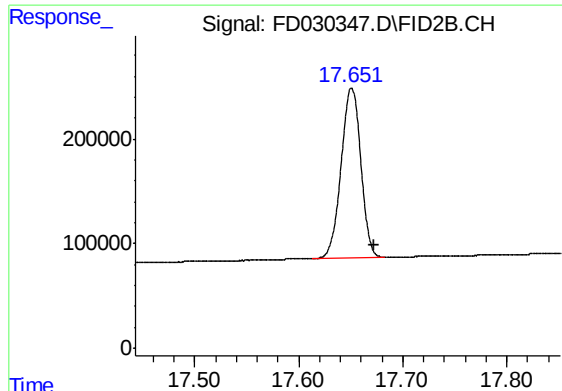
#15 n-Hexacosane (C26)

R.T.: 15.827 min
Delta R.T.: -0.023 min
Response: 2230561
Conc: 17.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.770 min
Delta R.T.: -0.023 min
Response: 2184992
Conc: 17.22 ug/ml



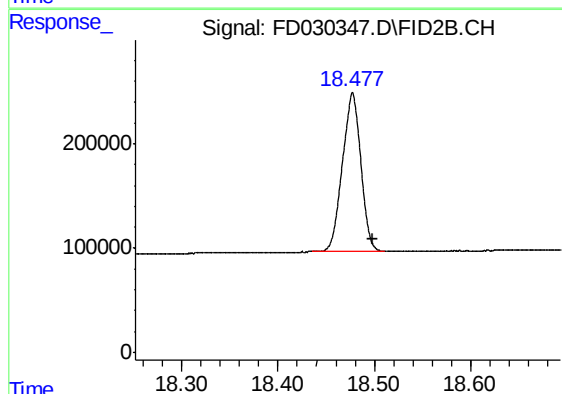
#17 n-Tricontane (C30)

R.T.: 17.651 min
Delta R.T.: -0.021 min
Response: 2141727
Conc: 17.67 ug/ml m

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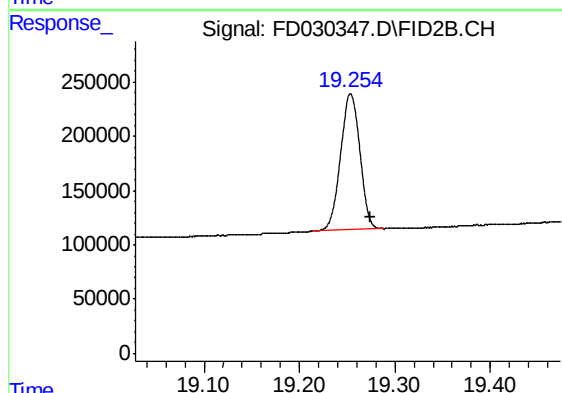
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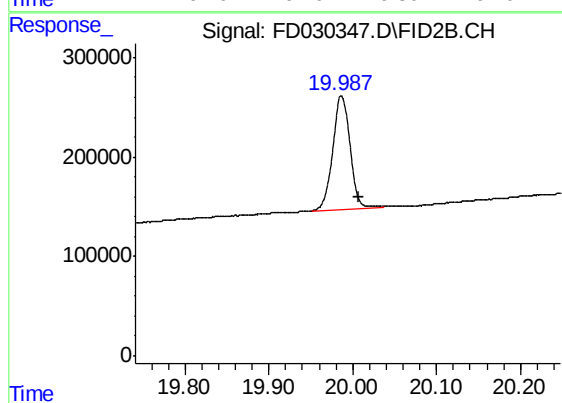
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: -0.021 min
Response: 2030545
Conc: 18.11 ug/ml m



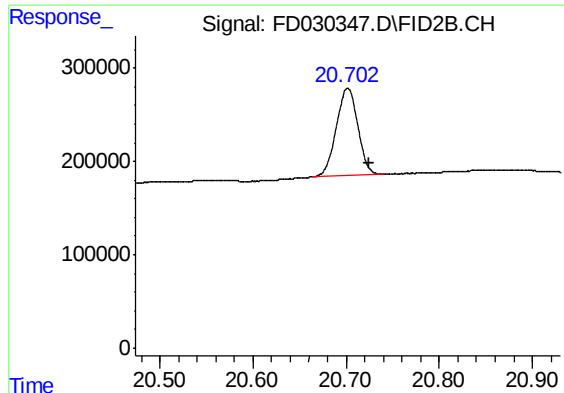
#19 n-Tetatriacontane (C34)

R.T.: 19.254 min
Delta R.T.: -0.021 min
Response: 1781971
Conc: 20.10 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.987 min
Delta R.T.: -0.021 min
Response: 1624670
Conc: 21.86 ug/ml m



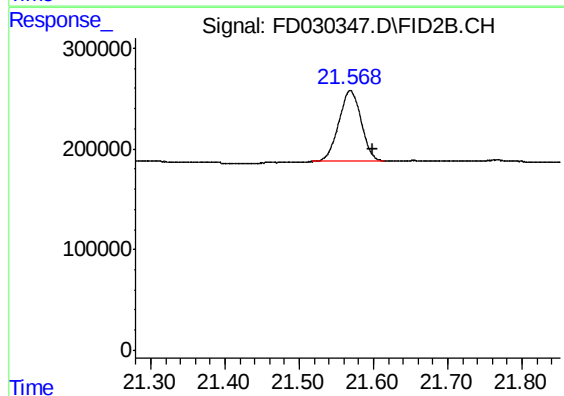
#21 n-Octatriacontane (C38)

R.T.: 20.702 min
Delta R.T.: -0.023 min
Response: 1504971
Conc: 22.61 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.568 min
Delta R.T.: -0.031 min
Response: 1465460
Conc: 20.75 ug/ml m