

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010621AL\
 Data File : FD035924.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jan 2021 2:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

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 1/7/2021 3:33:55 PM

Integration File: autoint1.e
 Quant Time: Jan 07 04:17:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 01:48:46 2020
 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)	11.477	2681208	20.285 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
12) S 1-chlorooctadecane (S...	12.910	2116060	19.997 ug/ml
Spiked Amount 50.000		Recovery =	39.99%
Target Compounds			
1) T n-Nonane (C9)	3.282	2454567	21.633 ug/ml
2) T n-Decane (C10)	4.342	2480470	21.721 ug/ml
3) T A~Naphthalene (C11.7)	5.919	2600977	21.405 ug/ml
4) T n-Dodecane (C12)	6.348	2551071	21.563 ug/ml
5) T A~2-methylnaphthalene...	6.971	2622922	21.256 ug/ml
6) T n-Tetradecane (C14)	8.134	2538564	21.320 ug/ml
7) T n-Hexadecane (C16)	9.728	2483393	21.201 ug/ml
8) T n-Octadecane (C18)	11.163	2564382	20.760 ug/ml
10) T n-Eicosane (C20)	12.467	2540074	20.285 ug/ml
11) T n-Heneicosane (C21)	13.076	2504356	20.041 ug/ml
13) T n-Docosane (C22)	13.660	2460876	19.784 ug/ml
14) T n-Tetracosane (C24)	14.757	2385812	19.348 ug/ml
15) T n-Hexacosane (C26)	15.774	2282336	18.983 ug/ml
16) T n-Octacosane (C28)	16.719	2211886	18.866 ug/ml
17) T n-Tricontane (C30)	17.601	2136710	19.081 ug/ml
18) T n-Dotriacontane (C32)	18.429	1995838	19.649 ug/ml
19) T n-Tetratriacontane (C34)	19.208	1894044	20.191 ug/ml
20) T n-Hexatriacontane (C36)	19.944	1887648	21.671 ug/mlm
21) T n-Octatriacontane (C38)	20.656	2052776	24.864 ug/mlm
22) T n-Tetracontane (C40)	21.513	1859274	22.289 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 67 Sample Multiplier: 1

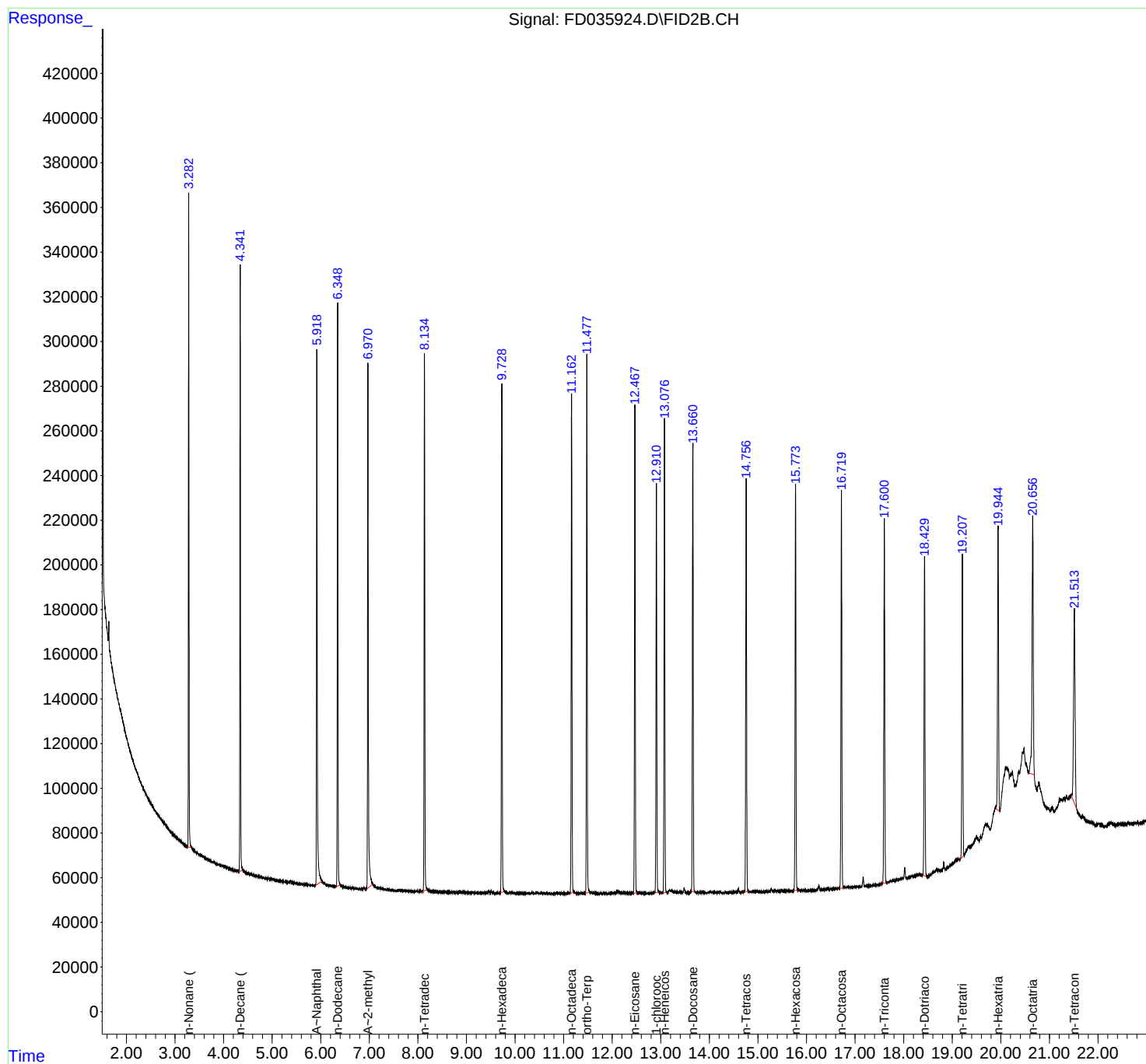
Instrument :
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20 PPM ALIPHATIC HC STD

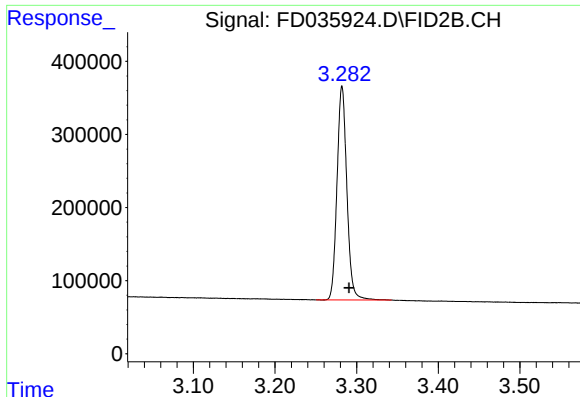
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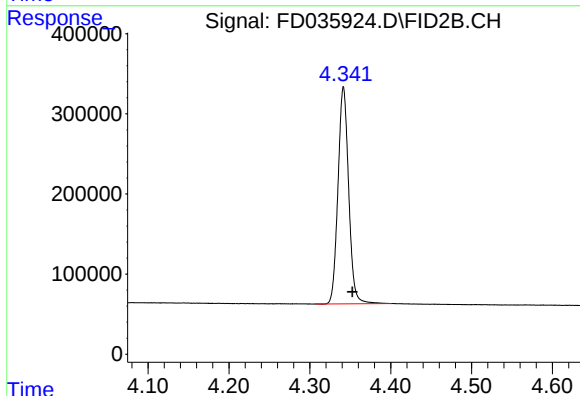
#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: -0.009 min
Response: 2454567
Conc: 21.63 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

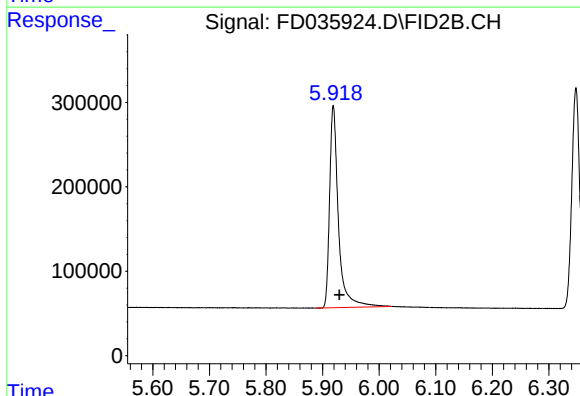
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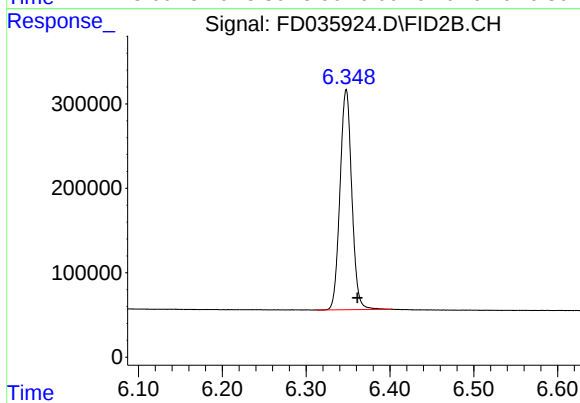
#2 n-Decane (C10)

R.T.: 4.342 min
Delta R.T.: -0.011 min
Response: 2480470
Conc: 21.72 ug/ml



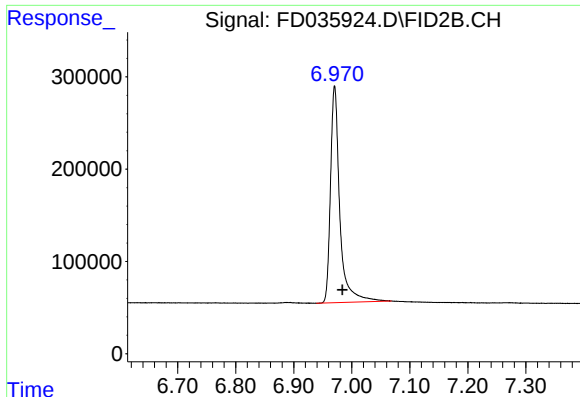
#3 A~Naphthalene (C11.7)

R.T.: 5.919 min
Delta R.T.: -0.011 min
Response: 2600977
Conc: 21.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.348 min
Delta R.T.: -0.013 min
Response: 2551071
Conc: 21.56 ug/ml



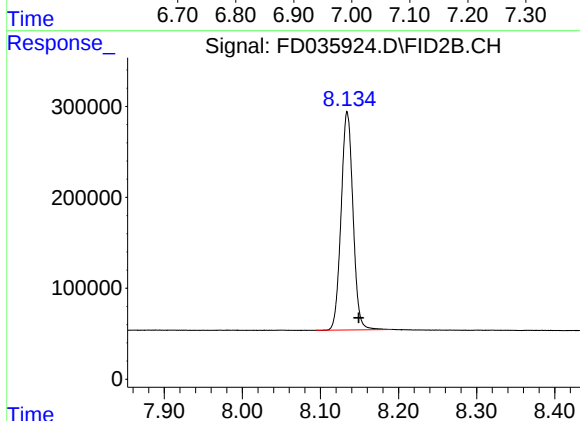
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.971 min
Delta R.T.: -0.013 min
Response: 2622922
Conc: 21.26 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

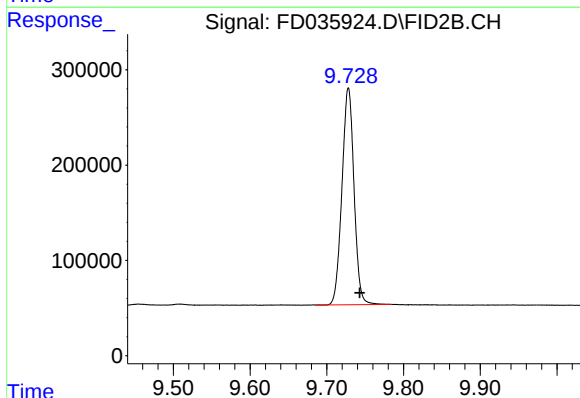
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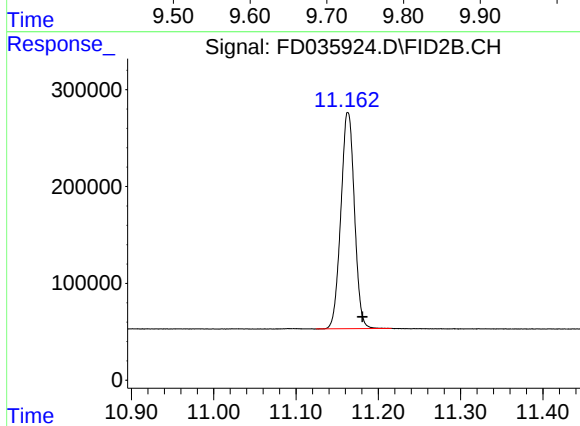
#6 n-Tetradecane (C14)

R.T.: 8.134 min
Delta R.T.: -0.015 min
Response: 2538564
Conc: 21.32 ug/ml



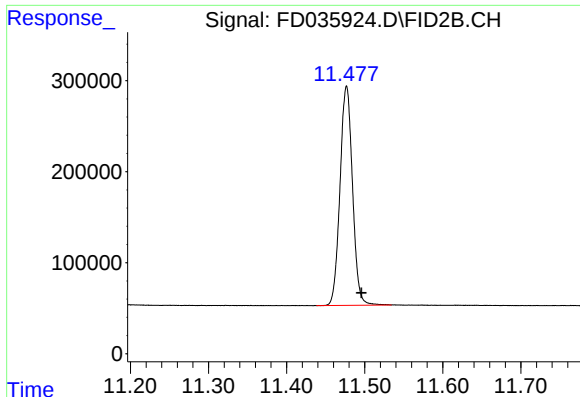
#7 n-Hexadecane (C16)

R.T.: 9.728 min
Delta R.T.: -0.015 min
Response: 2483393
Conc: 21.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.163 min
Delta R.T.: -0.018 min
Response: 2564382
Conc: 20.76 ug/ml



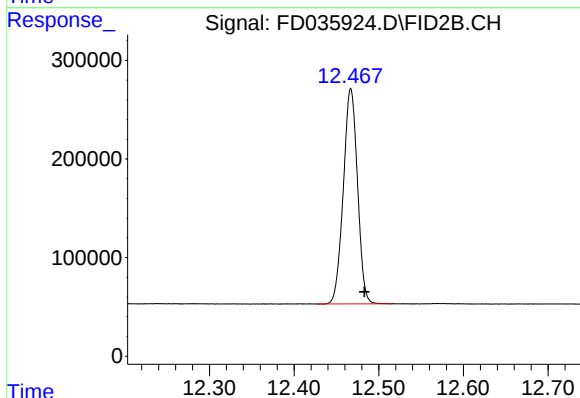
#9 ortho-Terphenyl (SURR)

R.T.: 11.477 min
Delta R.T.: -0.019 min
Response: 2681208
Conc: 20.29 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

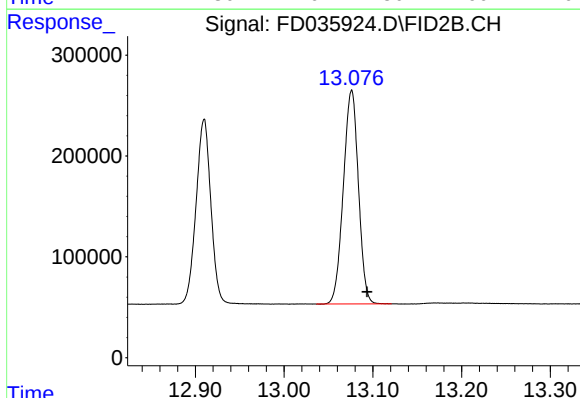
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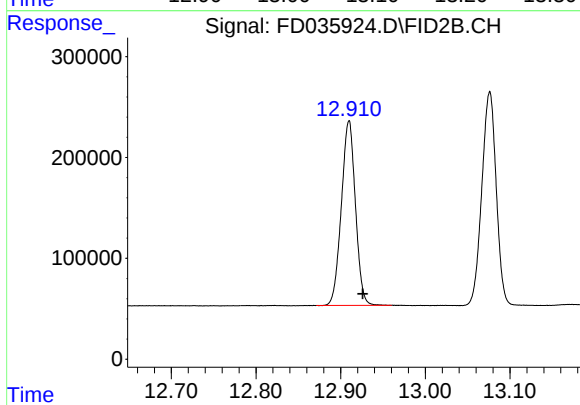
#10 n-Eicosane (C20)

R.T.: 12.467 min
Delta R.T.: -0.016 min
Response: 2540074
Conc: 20.29 ug/ml



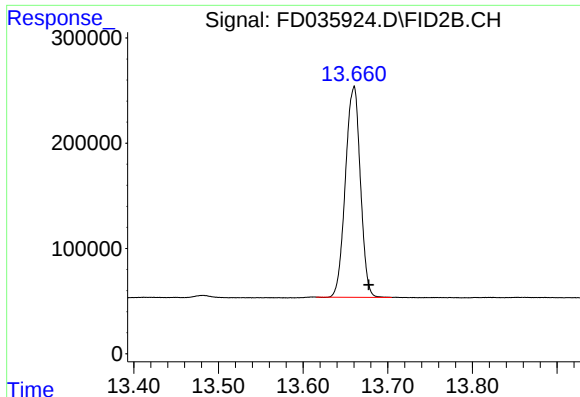
#11 n-Heneicosane (C21)

R.T.: 13.076 min
Delta R.T.: -0.017 min
Response: 2504356
Conc: 20.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.910 min
Delta R.T.: -0.016 min
Response: 2116060
Conc: 20.00 ug/ml



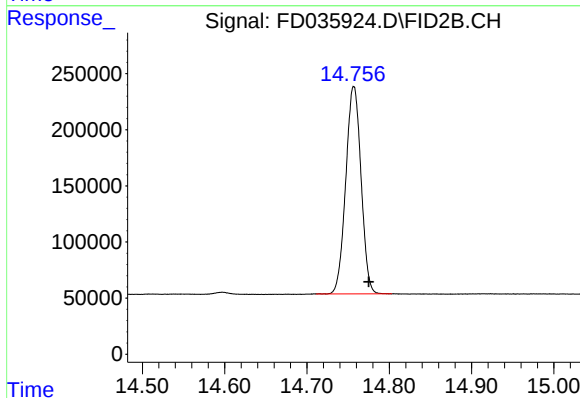
#13 n-Docosane (C22)

R.T.: 13.660 min
Delta R.T.: -0.017 min
Response: 2460876
Conc: 19.78 ug/ml

Instrument :
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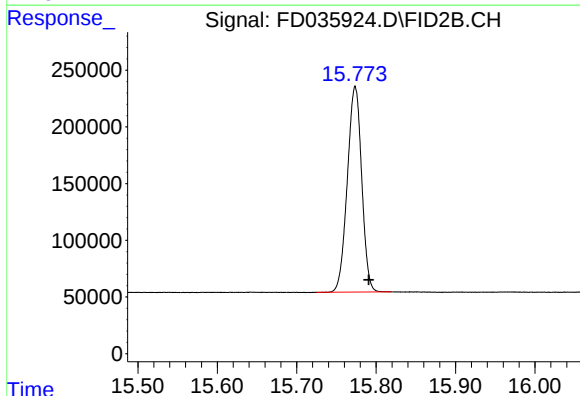
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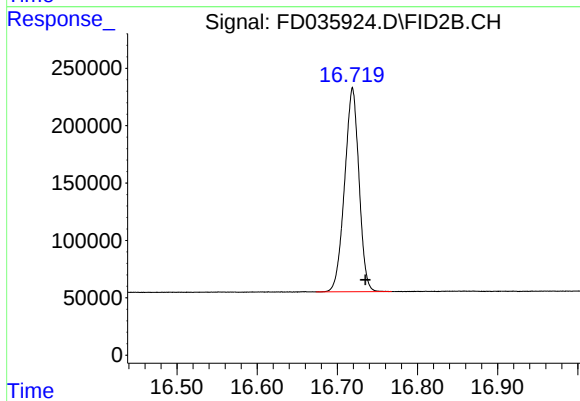
#14 n-Tetracosane (C24)

R.T.: 14.757 min
Delta R.T.: -0.018 min
Response: 2385812
Conc: 19.35 ug/ml



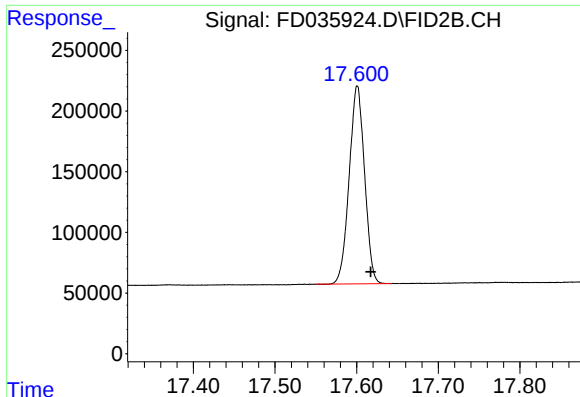
#15 n-Hexacosane (C26)

R.T.: 15.774 min
Delta R.T.: -0.017 min
Response: 2282336
Conc: 18.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.719 min
Delta R.T.: -0.016 min
Response: 2211886
Conc: 18.87 ug/ml



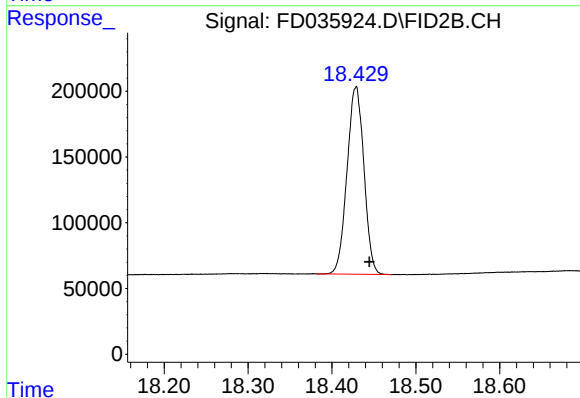
#17 n-Tricontane (C30)

R.T.: 17.601 min
Delta R.T.: -0.016 min
Response: 2136710
Conc: 19.08 ug/ml

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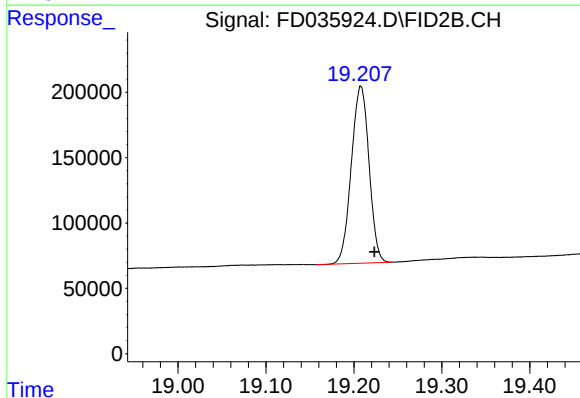
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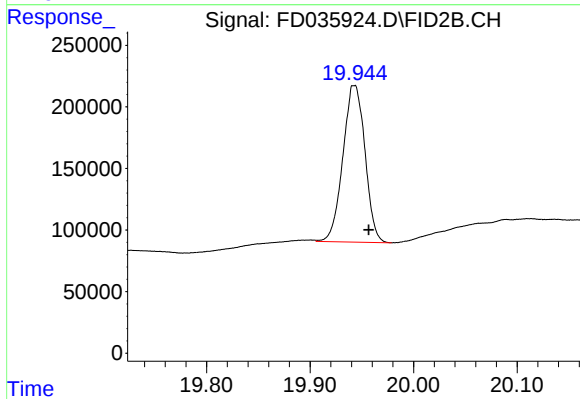
#18 n-Dotriacontane (C32)

R.T.: 18.429 min
Delta R.T.: -0.016 min
Response: 1995838
Conc: 19.65 ug/ml



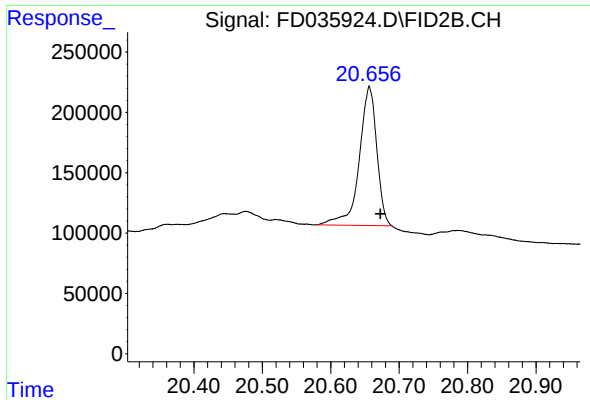
#19 n-Tetratriacontane (C34)

R.T.: 19.208 min
Delta R.T.: -0.015 min
Response: 1894044
Conc: 20.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.944 min
Delta R.T.: -0.013 min
Response: 1887648
Conc: 21.67 ug/ml m



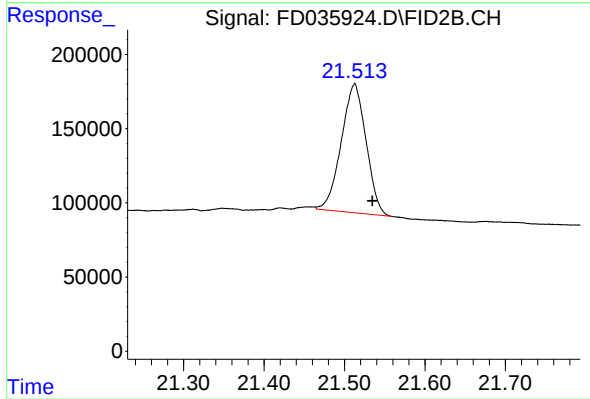
#21 n-Octatriacontane (C38)

R.T.: 20.656 min
Delta R.T.: -0.017 min
Response: 2052776
Conc: 24.86 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.513 min
Delta R.T.: -0.022 min
Response: 1859274
Conc: 22.29 ug/ml m