

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102119AL\
 Data File : FD031149.D
 Signal(s) : FID2B.CH
 Acq On : 22 Oct 2019 2:01
 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
 10/22/2019 10:18:25 AM

Integration File: sample.E
 Quant Time: Oct 22 07:01:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 07:46:23 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)	11.434	2570924	20.499 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
12) S 1-chlorooctadecane (S...	12.864	1888366	20.169 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
Target Compounds			
1) T n-Nonane (C9)	3.261	2377632	22.730 ug/ml
2) T n-Decane (C10)	4.316	2396683	22.863 ug/ml
3) T A~Naphthalene (C11.7)	5.885	2612601	22.800 ug/ml
4) T n-Dodecane (C12)	6.318	2417503	22.602 ug/ml
5) T A~2-methylnaphthalene...	6.934	2605024	22.598 ug/ml
6) T n-Tetradecane (C14)	8.101	2398431	22.301 ug/ml
7) T n-Hexadecane (C16)	9.691	2357798	21.894 ug/ml
8) T n-Octadecane (C18)	11.123	2322417	21.242 ug/ml
10) T n-Eicosane (C20)	12.422	2275286	20.808 ug/ml
11) T n-Heneicosane (C21)	13.030	2252060	20.490 ug/ml
13) T n-Docosane (C22)	13.612	2207141	20.182 ug/ml
14) T n-Tetracosane (C24)	14.707	2167644	19.849 ug/ml
15) T n-Hexacosane (C26)	15.721	2068028	19.109 ug/ml
16) T n-Octacosane (C28)	16.661	2021627	18.831 ug/ml
17) T n-Tricontane (C30)	17.542	2045322	19.201 ug/ml
18) T n-Dotriacontane (C32)	18.368	1978395	19.218 ug/ml
19) T n-Tetratriacontane (C34)	19.144	1948464	19.827 ug/ml
20) T n-Hexatriacontane (C36)	19.878	1901135	20.638 ug/ml
21) T n-Octatriacontane (C38)	20.582	1846593	21.338 ug/ml
22) T n-Tetracontane (C40)	21.411	1926088	21.677 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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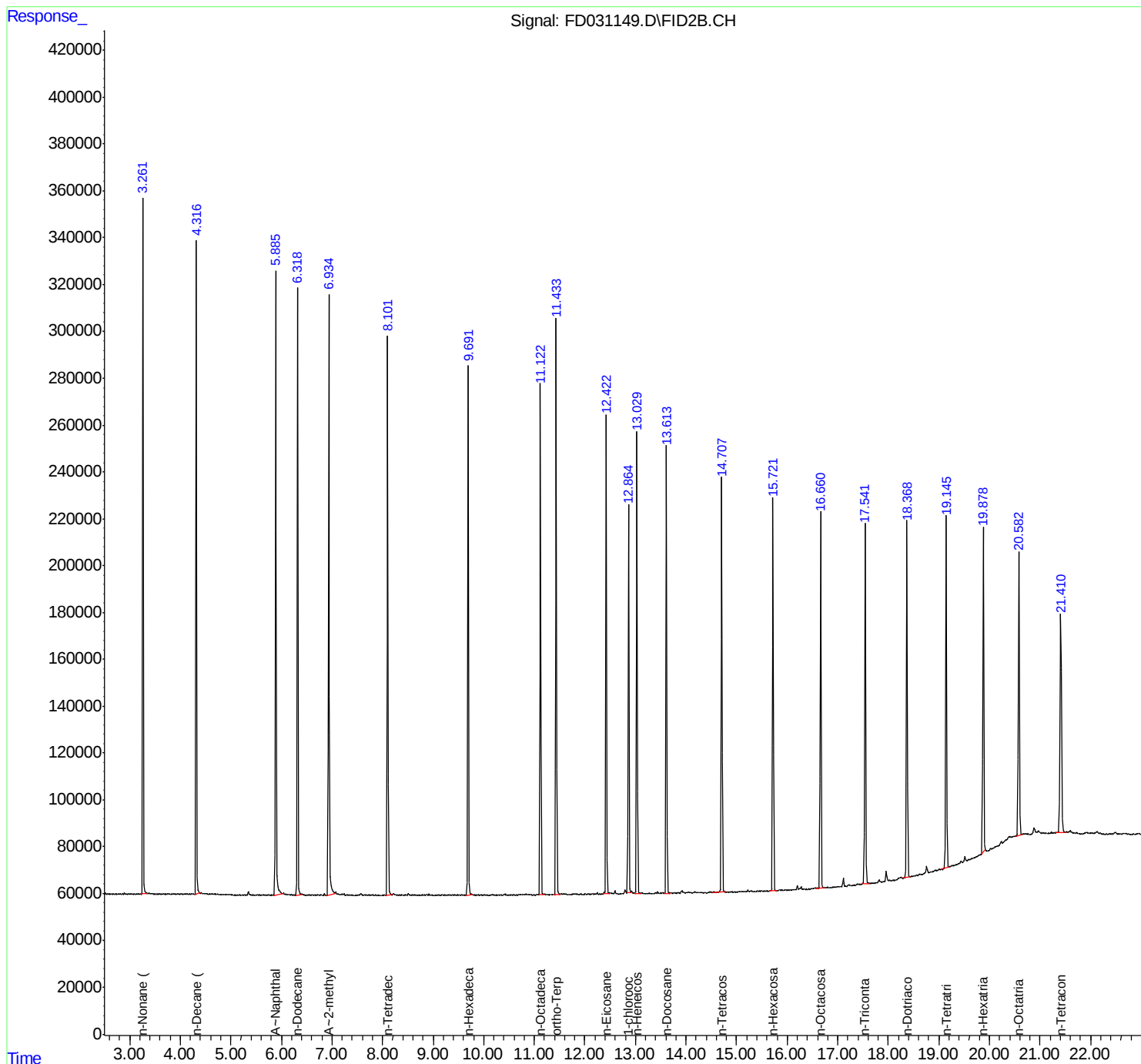
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20 PPM ALIPHATIC HC STD

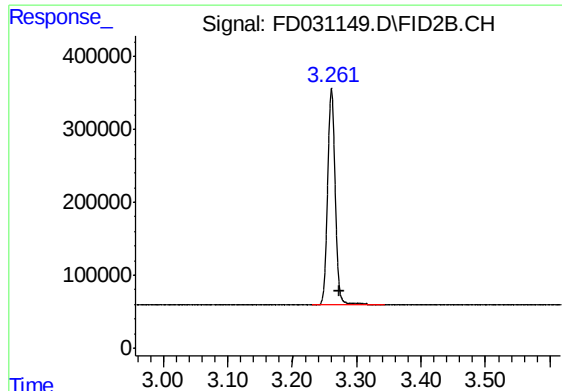
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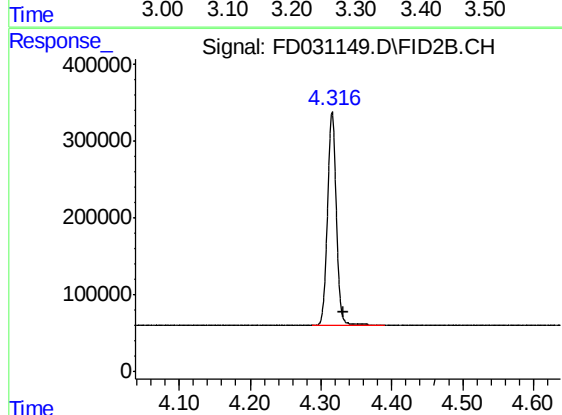
#1 n-Nonane (C9)

R.T.: 3.261 min
Delta R.T.: -0.013 min
Response: 2377632
Conc: 22.73 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

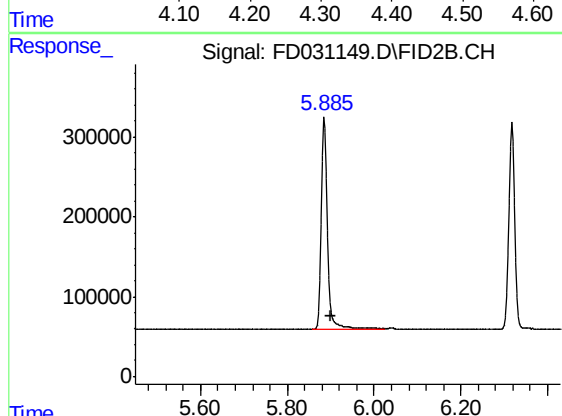
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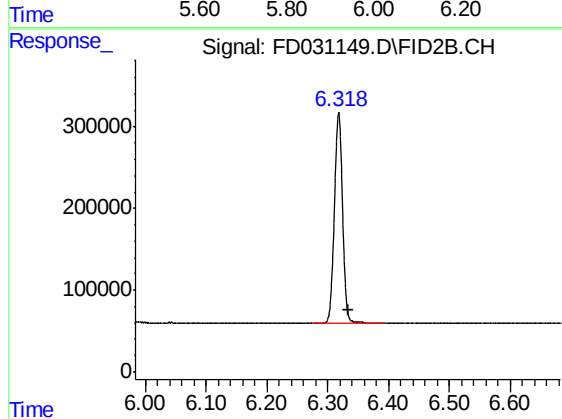
#2 n-Decane (C10)

R.T.: 4.316 min
Delta R.T.: -0.015 min
Response: 2396683
Conc: 22.86 ug/ml



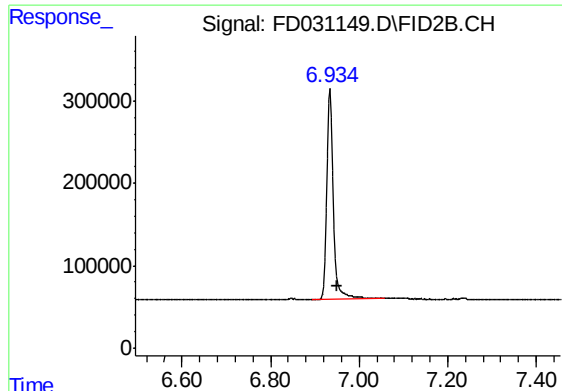
#3 A~Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: -0.015 min
Response: 2612601
Conc: 22.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.318 min
Delta R.T.: -0.016 min
Response: 2417503
Conc: 22.60 ug/ml



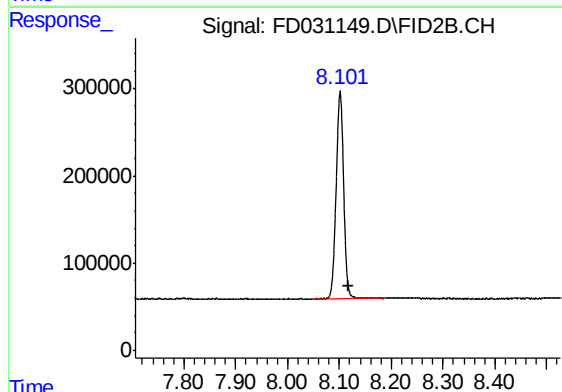
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: -0.016 min
Response: 2605024
Conc: 22.60 ug/ml

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20 PPM ALIPHATIC HC STD

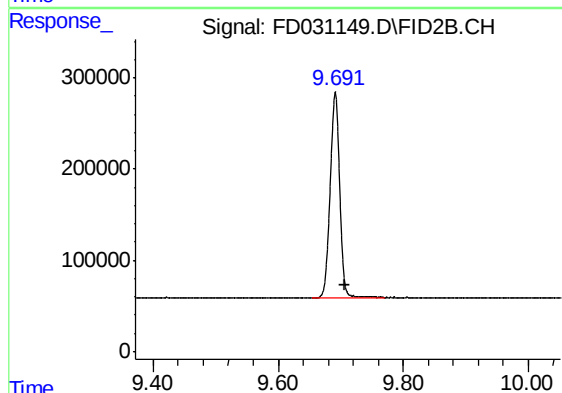
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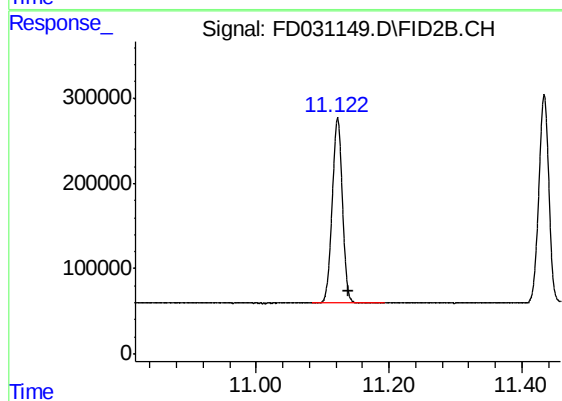
#6 n-Tetradecane (C14)

R.T.: 8.101 min
Delta R.T.: -0.015 min
Response: 2398431
Conc: 22.30 ug/ml



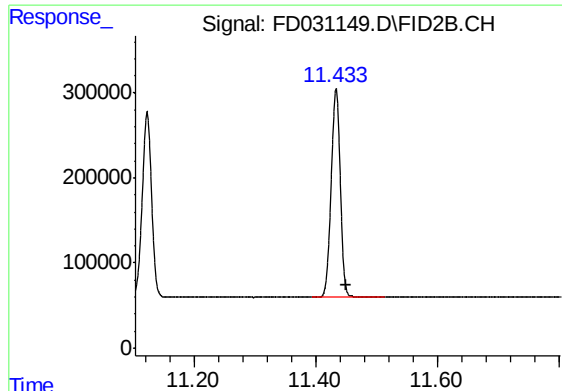
#7 n-Hexadecane (C16)

R.T.: 9.691 min
Delta R.T.: -0.015 min
Response: 2357798
Conc: 21.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.123 min
Delta R.T.: -0.016 min
Response: 2322417
Conc: 21.24 ug/ml



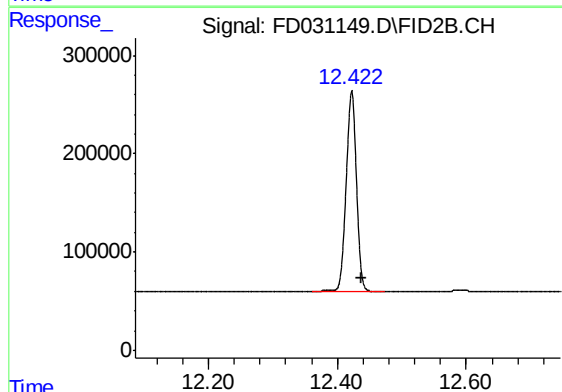
#9 ortho-Terphenyl (SURR)

R.T.: 11.434 min
Delta R.T.: -0.017 min
Response: 2570924
Conc: 20.50 ug/ml

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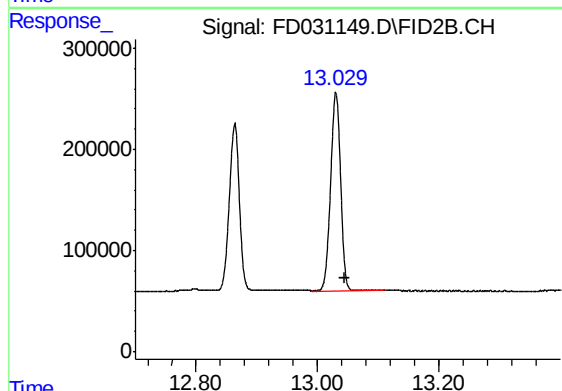
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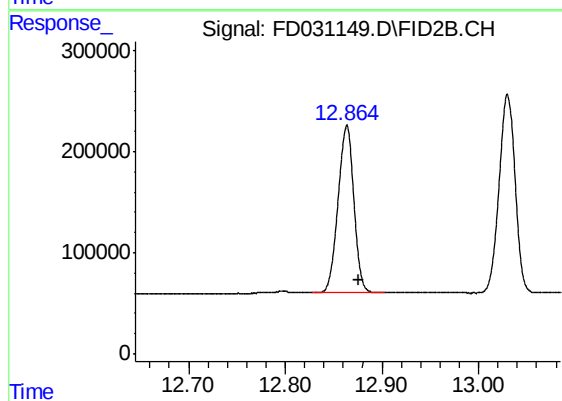
#10 n-Eicosane (C20)

R.T.: 12.422 min
Delta R.T.: -0.014 min
Response: 2275286
Conc: 20.81 ug/ml



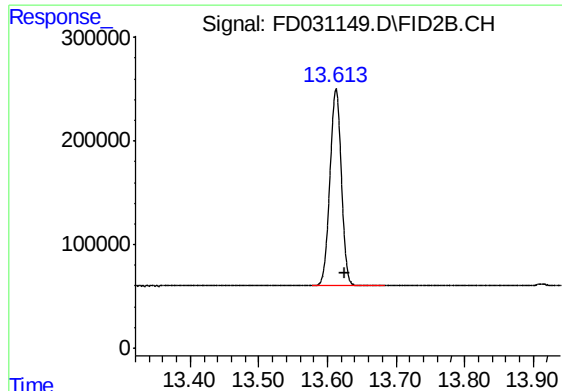
#11 n-Heneicosane (C21)

R.T.: 13.030 min
Delta R.T.: -0.014 min
Response: 2252060
Conc: 20.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.864 min
Delta R.T.: -0.013 min
Response: 1888366
Conc: 20.17 ug/ml



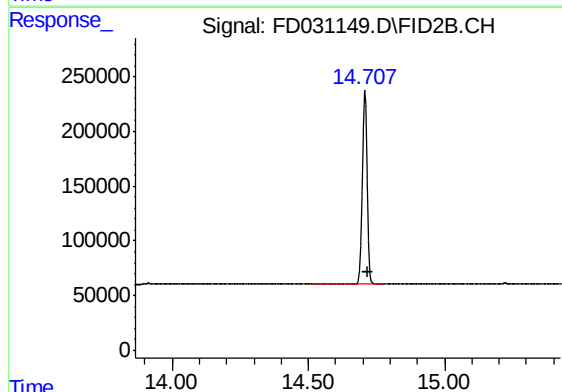
#13 n-Docosane (C22)

R.T.: 13.612 min
Delta R.T.: -0.013 min
Response: 2207141
Conc: 20.18 ug/ml

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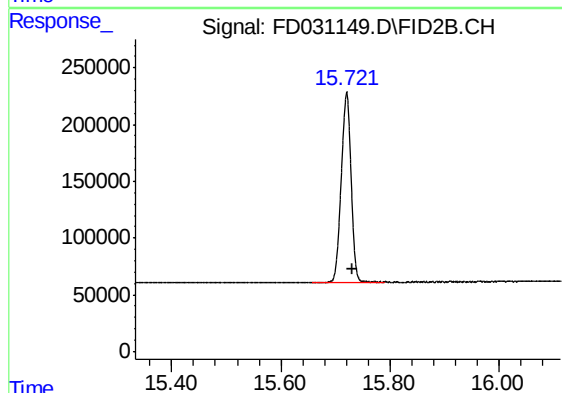
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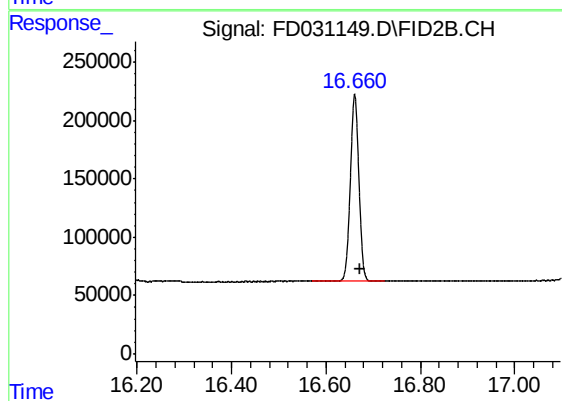
#14 n-Tetracosane (C24)

R.T.: 14.707 min
Delta R.T.: -0.012 min
Response: 2167644
Conc: 19.85 ug/ml



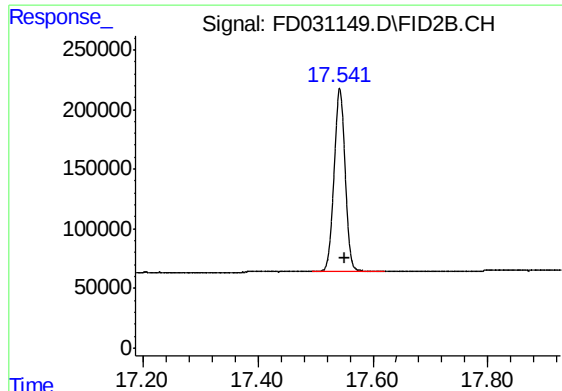
#15 n-Hexacosane (C26)

R.T.: 15.721 min
Delta R.T.: -0.010 min
Response: 2068028
Conc: 19.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.661 min
Delta R.T.: -0.011 min
Response: 2021627
Conc: 18.83 ug/ml



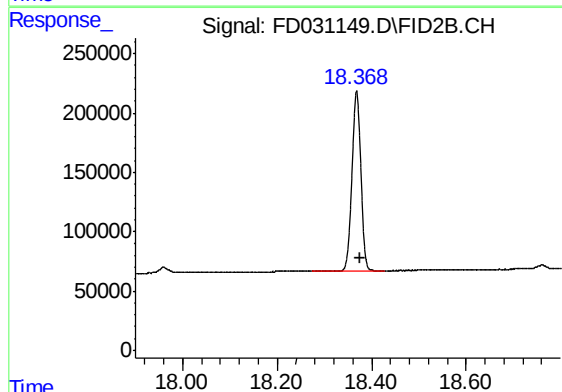
#17 n-Tricontane (C30)

R.T.: 17.542 min
Delta R.T.: -0.009 min
Response: 2045322
Conc: 19.20 ug/ml

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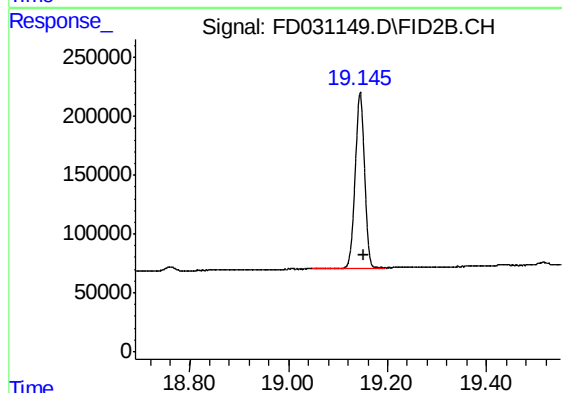
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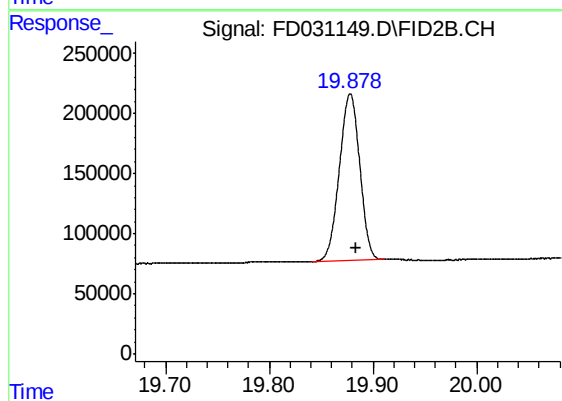
#18 n-Dotriacontane (C32)

R.T.: 18.368 min
Delta R.T.: -0.007 min
Response: 1978395
Conc: 19.22 ug/ml



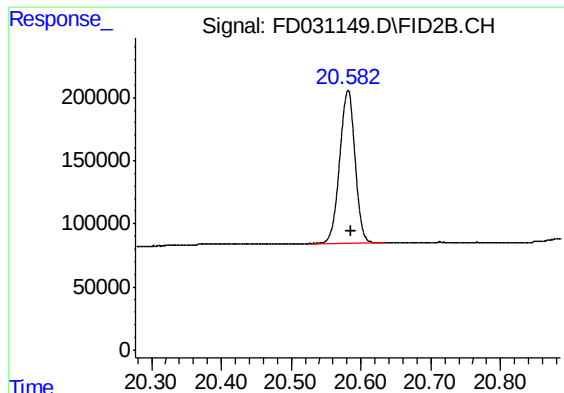
#19 n-Tetatriacontane (C34)

R.T.: 19.144 min
Delta R.T.: -0.007 min
Response: 1948464
Conc: 19.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.878 min
Delta R.T.: -0.006 min
Response: 1901135
Conc: 20.64 ug/ml



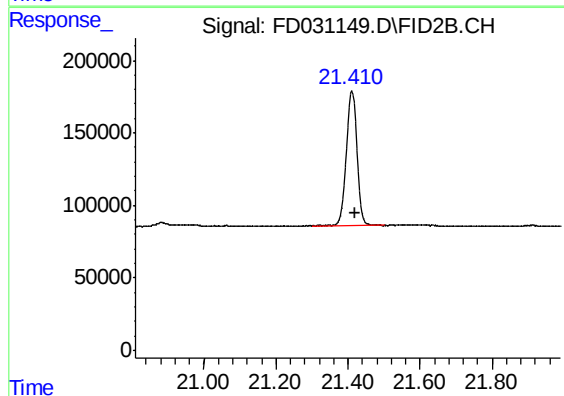
#21 n-Octatriacontane (C38)

R.T.: 20.582 min
Delta R.T.: -0.004 min
Response: 1846593
Conc: 21.34 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.411 min
Delta R.T.: -0.007 min
Response: 1926088
Conc: 21.68 ug/ml