

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121018AL\
 Data File : FD026813.D
 Signal(s) : FID2B.CH
 Acq On : 11 Dec 2018 6:06
 Operator : AJ\SJ
 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

Sohil
 12/11/2018 12:09:16 PM

Integration File: sample.E
 Quant Time: Dec 11 06:56:56 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 111518.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 16 08:39:32 2018
 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)	11.276	1852421	21.953 ug/ml
Spiked Amount 50.000		Recovery =	43.91%
12) S 1-chlorooctadecane (S...	12.722	1396765	23.246 ug/ml
Spiked Amount 50.000		Recovery =	46.49%
Target Compounds			
1) T n-Nonane (C9)	3.093	1637843	20.887 ug/ml
2) T n-Decane (C10)	4.154	1673155	21.340 ug/ml
3) T A-Naphthalene (C11.7)	5.714	1919728	21.200 ug/ml
4) T n-Dodecane (C12)	6.165	1671309	21.992 ug/ml
5) T A~2-methylnaphthalene...	6.766	1918363	21.410 ug/ml
6) T n-Tetradecane (C14)	7.951	1672660	22.416 ug/ml
7) T n-Hexadecane (C16)	9.544	1645735	22.800 ug/ml
8) T n-Octadecane (C18)	10.979	1611816	23.553 ug/mlm
10) T n-Eicosane (C20)	12.283	1614289	23.555 ug/ml
11) T n-Heneicosane (C21)	12.893	1600287	23.851 ug/ml
13) T n-Docosane (C22)	13.477	1598182	23.860 ug/ml
14) T n-Tetracosane (C24)	14.575	1593171	23.757 ug/ml
15) T n-Hexacosane (C26)	15.593	1580248	23.589 ug/ml
16) T n-Octacosane (C28)	16.539	1586776	23.269 ug/ml
17) T n-Tricontane (C30)	17.422	1564176	22.868 ug/ml
18) T n-Dotriacontane (C32)	18.250	1465221	22.448 ug/mlm
19) T n-Tetratriacontane (C34)	19.030	1295986	22.658 ug/ml
20) T n-Hexatriacontane (C36)	19.767	1139916	23.140 ug/ml
21) T n-Octatriacontane (C38)	20.464	1106465	23.370 ug/mlm
22) T n-Tetracontane (C40)	21.259	1102380	24.782 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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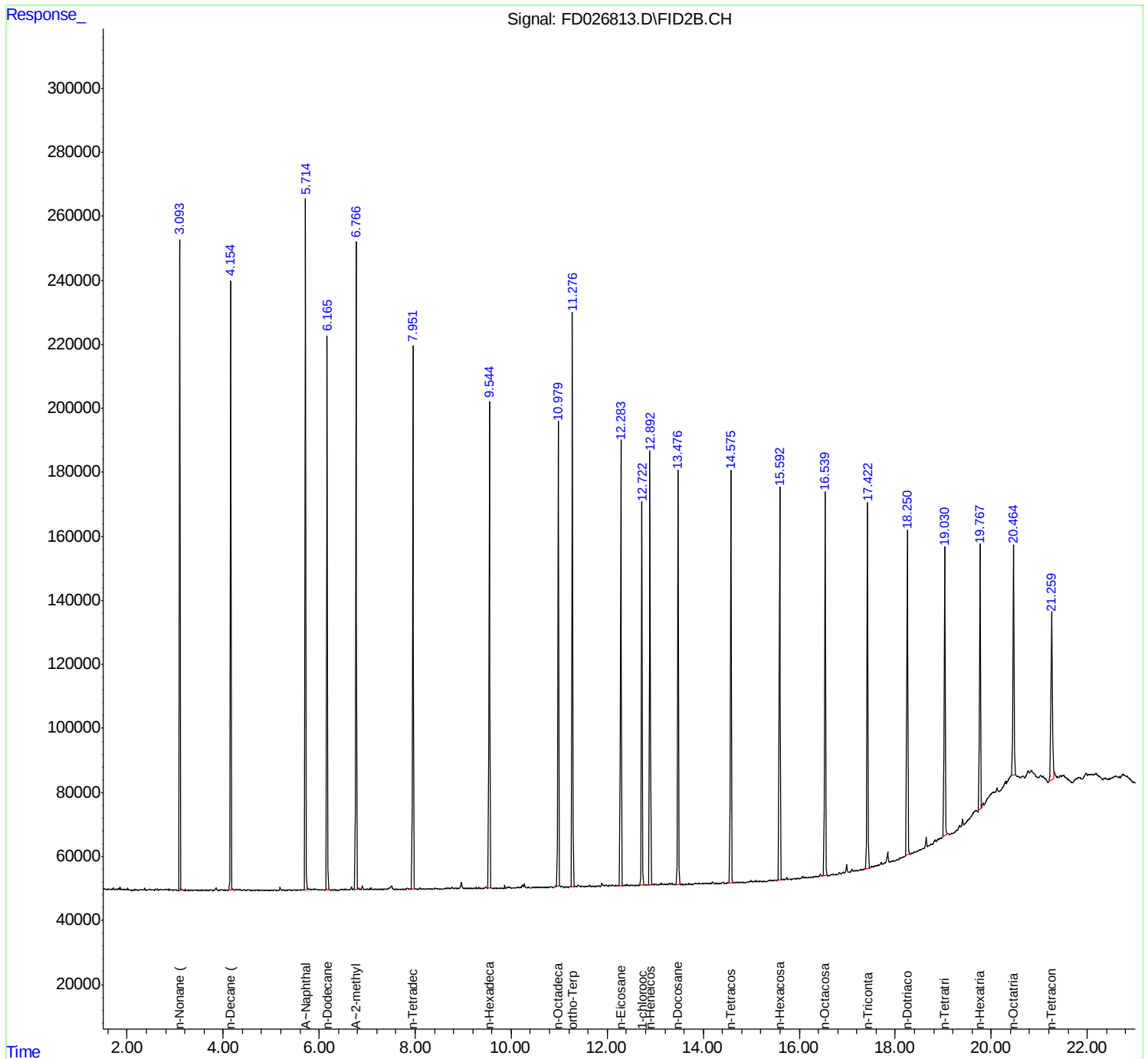
Instrument :
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20 PPM ALIPHATIC HC STD

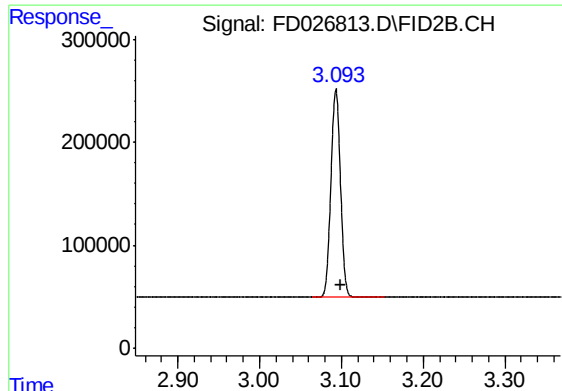
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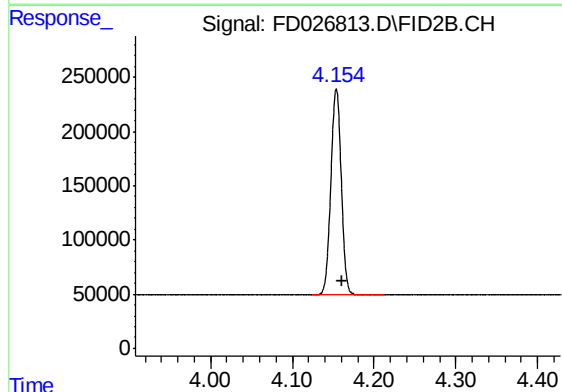
#1 n-Nonane (C9)

R.T.: 3.093 min
Delta R.T.: -0.006 min
Response: 1637843
Conc: 20.89 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

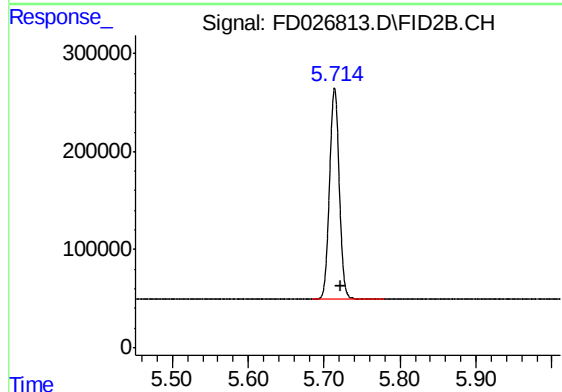
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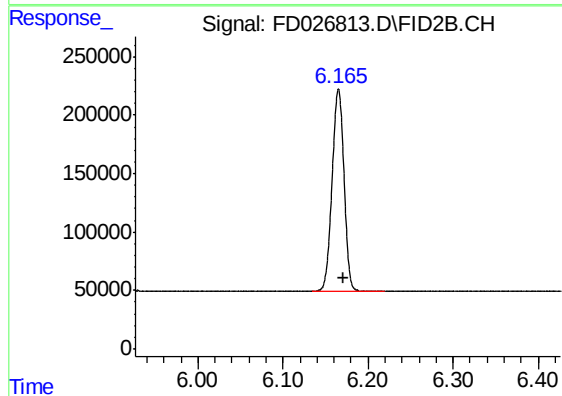
#2 n-Decane (C10)

R.T.: 4.154 min
Delta R.T.: -0.007 min
Response: 1673155
Conc: 21.34 ug/ml



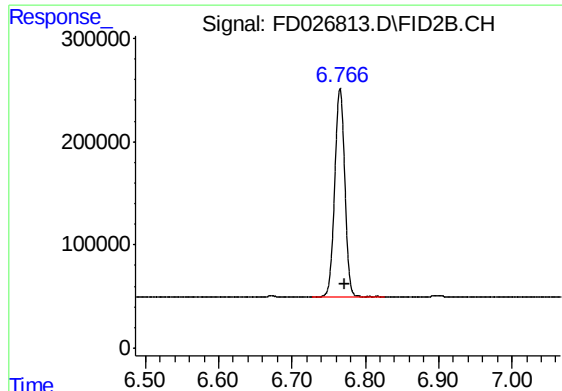
#3 A~Naphthalene (C11.7)

R.T.: 5.714 min
Delta R.T.: -0.008 min
Response: 1919728
Conc: 21.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.165 min
Delta R.T.: -0.007 min
Response: 1671309
Conc: 21.99 ug/ml



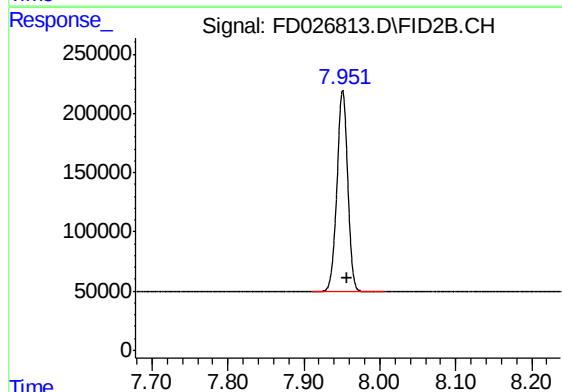
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.766 min
Delta R.T.: -0.007 min
Response: 1918363
Conc: 21.41 ug/ml

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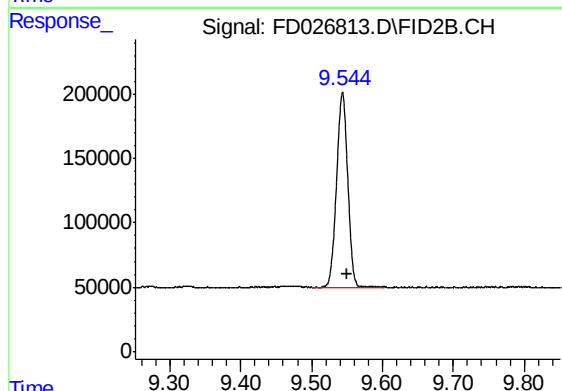
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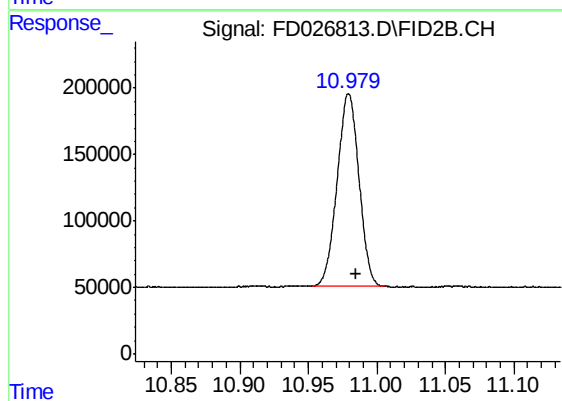
#6 n-Tetradecane (C14)

R.T.: 7.951 min
Delta R.T.: -0.006 min
Response: 1672660
Conc: 22.42 ug/ml



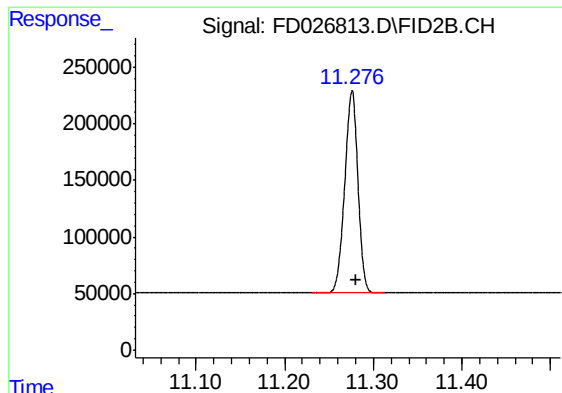
#7 n-Hexadecane (C16)

R.T.: 9.544 min
Delta R.T.: -0.007 min
Response: 1645735
Conc: 22.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.979 min
Delta R.T.: -0.005 min
Response: 1611816
Conc: 23.55 ug/ml m



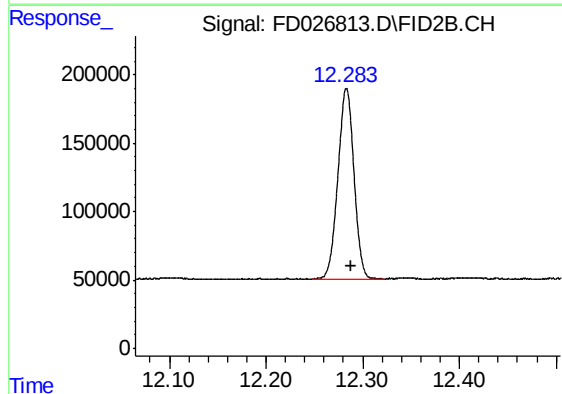
#9 ortho-Terphenyl (SURR)

R.T.: 11.276 min
Delta R.T.: -0.005 min
Response: 1852421
Conc: 21.95 ug/ml

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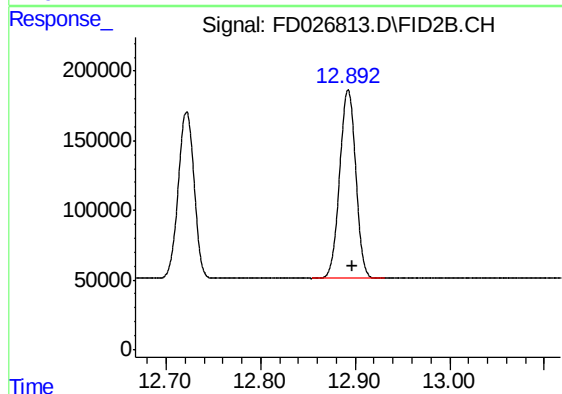
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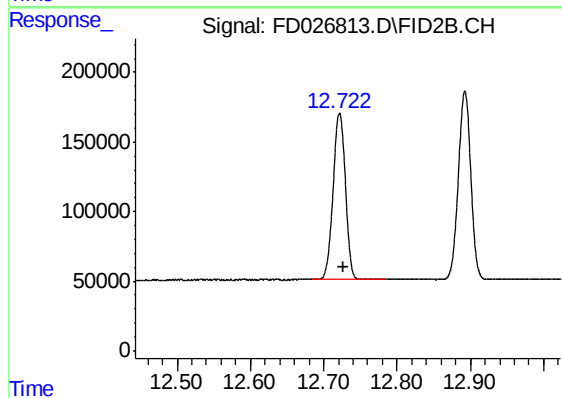
#10 n-Eicosane (C20)

R.T.: 12.283 min
Delta R.T.: -0.005 min
Response: 1614289
Conc: 23.55 ug/ml



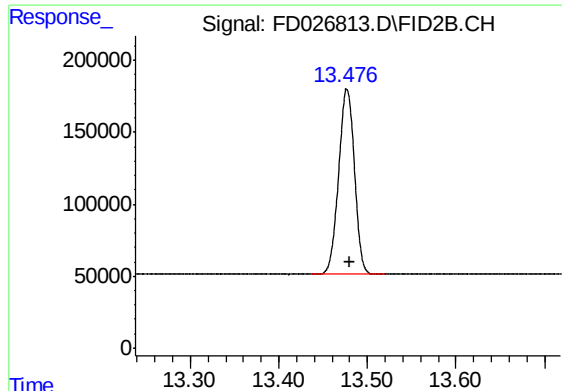
#11 n-Heneicosane (C21)

R.T.: 12.893 min
Delta R.T.: -0.004 min
Response: 1600287
Conc: 23.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.722 min
Delta R.T.: -0.005 min
Response: 1396765
Conc: 23.25 ug/ml



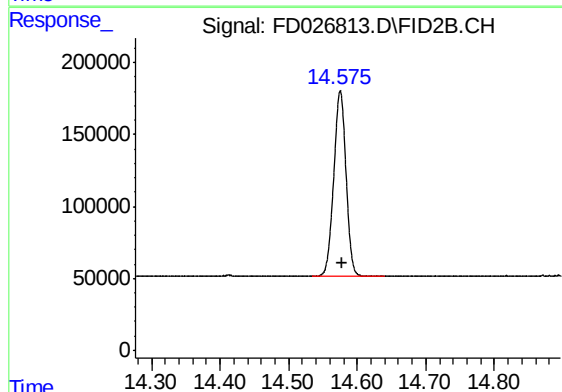
#13 n-Docosane (C22)

R.T.: 13.477 min
Delta R.T.: -0.004 min
Response: 1598182
Conc: 23.86 ug/ml

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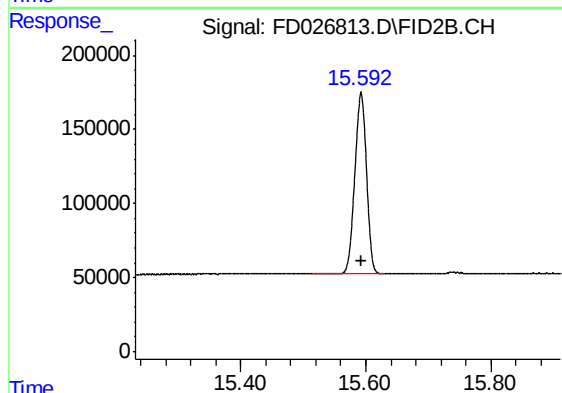
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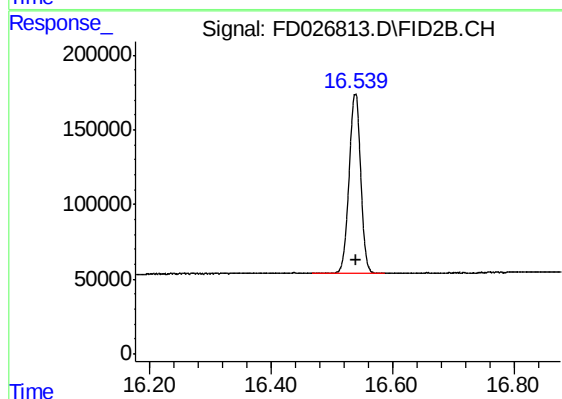
#14 n-Tetracosane (C24)

R.T.: 14.575 min
Delta R.T.: -0.003 min
Response: 1593171
Conc: 23.76 ug/ml



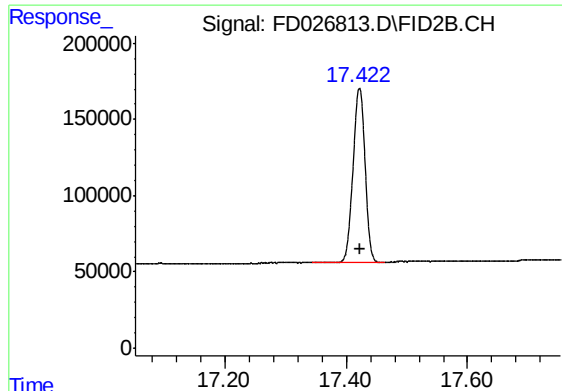
#15 n-Hexacosane (C26)

R.T.: 15.593 min
Delta R.T.: -0.001 min
Response: 1580248
Conc: 23.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.539 min
Delta R.T.: -0.001 min
Response: 1586776
Conc: 23.27 ug/ml



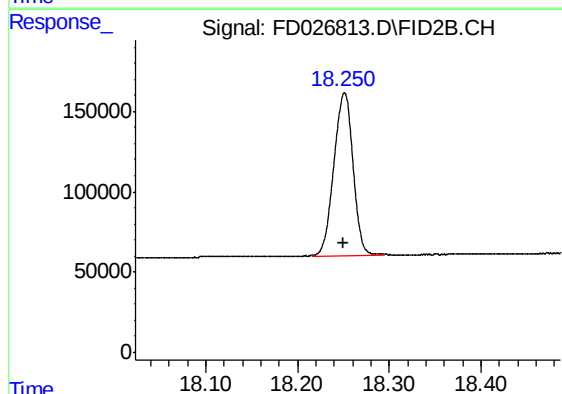
#17 n-Tricontane (C30)

R.T.: 17.422 min
Delta R.T.: -0.001 min
Response: 1564176
Conc: 22.87 ug/ml

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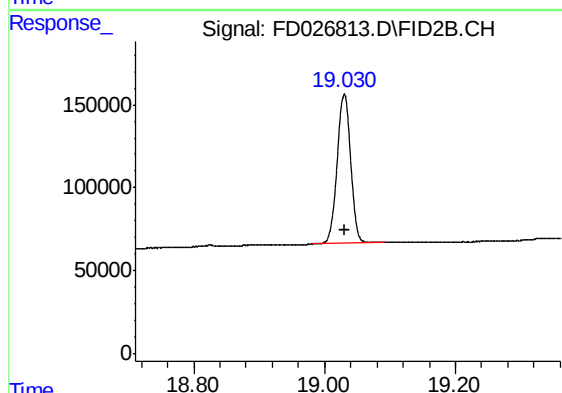
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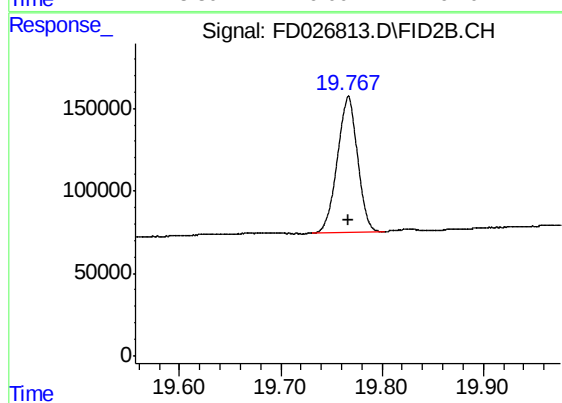
#18 n-Dotriacontane (C32)

R.T.: 18.250 min
Delta R.T.: 0.000 min
Response: 1465221
Conc: 22.45 ug/ml m



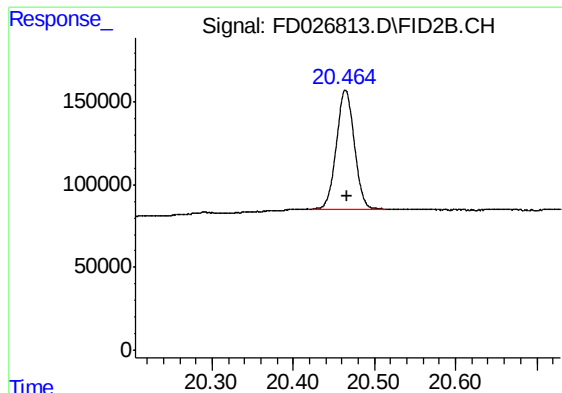
#19 n-Tetatriacontane (C34)

R.T.: 19.030 min
Delta R.T.: -0.001 min
Response: 1295986
Conc: 22.66 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.767 min
Delta R.T.: 0.000 min
Response: 1139916
Conc: 23.14 ug/ml



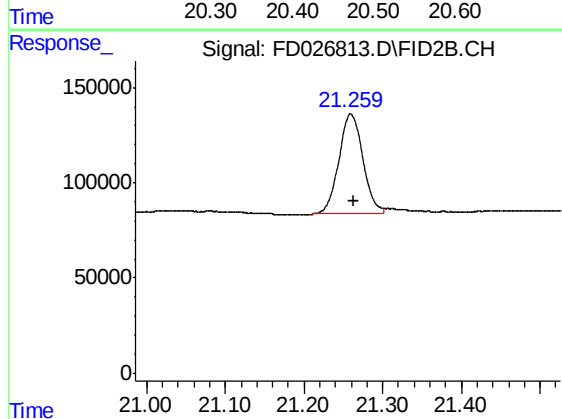
#21 n-Octatriacontane (C38)

R.T.: 20.464 min
Delta R.T.: -0.003 min
Response: 1106465
Conc: 23.37 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.259 min
Delta R.T.: -0.003 min
Response: 1102380
Conc: 24.78 ug/ml m