

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042121AL\
 Data File : FD037053.D
 Signal(s) : FID2B.CH
 Acq On : 21 Apr 2021 21:38
 Operator : DD\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

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 4/22/2021 3:05:23 PM

Integration File: autoint1.e
 Quant Time: Apr 22 03:24:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:22:42 2021
 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)	11.474	1182034	9.882 ug/ml
Spiked Amount 50.000		Recovery =	19.76%
12) S 1-chlorooctadecane (S...	12.908	844208	9.740 ug/ml
Spiked Amount 50.000		Recovery =	19.48%
Target Compounds			
1) T n-Nonane (C9)	3.276	1207926	10.002 ug/ml
2) T n-Decane (C10)	4.338	1216091	10.007 ug/ml
3) T A~Naphthalene (C11.7)	5.912	1341493	9.968 ug/ml
4) T n-Dodecane (C12)	6.348	1212666	9.951 ug/ml
5) T A~2-methylnaphthalene...	6.963	1331178	9.875 ug/ml
6) T n-Tetradecane (C14)	8.135	1179632	9.919 ug/ml
7) T n-Hexadecane (C16)	9.728	1119086	9.920 ug/ml
8) T n-Octadecane (C18)	11.162	1111831	9.855 ug/ml
10) T n-Eicosane (C20)	12.467	1074014	9.853 ug/ml
11) T n-Heneicosane (C21)	13.076	1068600	9.951 ug/ml
13) T n-Docosane (C22)	13.660	1042338	9.915 ug/ml
14) T n-Tetracosane (C24)	14.757	1029418	9.973 ug/ml
15) T n-Hexacosane (C26)	15.773	988288	9.908 ug/ml
16) T n-Octacosane (C28)	16.717	975161	9.885 ug/ml
17) T n-Tricontane (C30)	17.601	977048	9.941 ug/ml
18) T n-Dotriacontane (C32)	18.429	1020290	10.268 ug/ml
19) T n-Tetratriacontane (C34)	19.208	967742	9.979 ug/ml
20) T n-Hexatriacontane (C36)	19.943	1023872	10.883 ug/mlm
21) T n-Octatriacontane (C38)	20.654	896541	10.340 ug/mlm
22) T n-Tetracontane (C40)	21.501	1015566	10.425 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 60 Sample Multiplier: 1

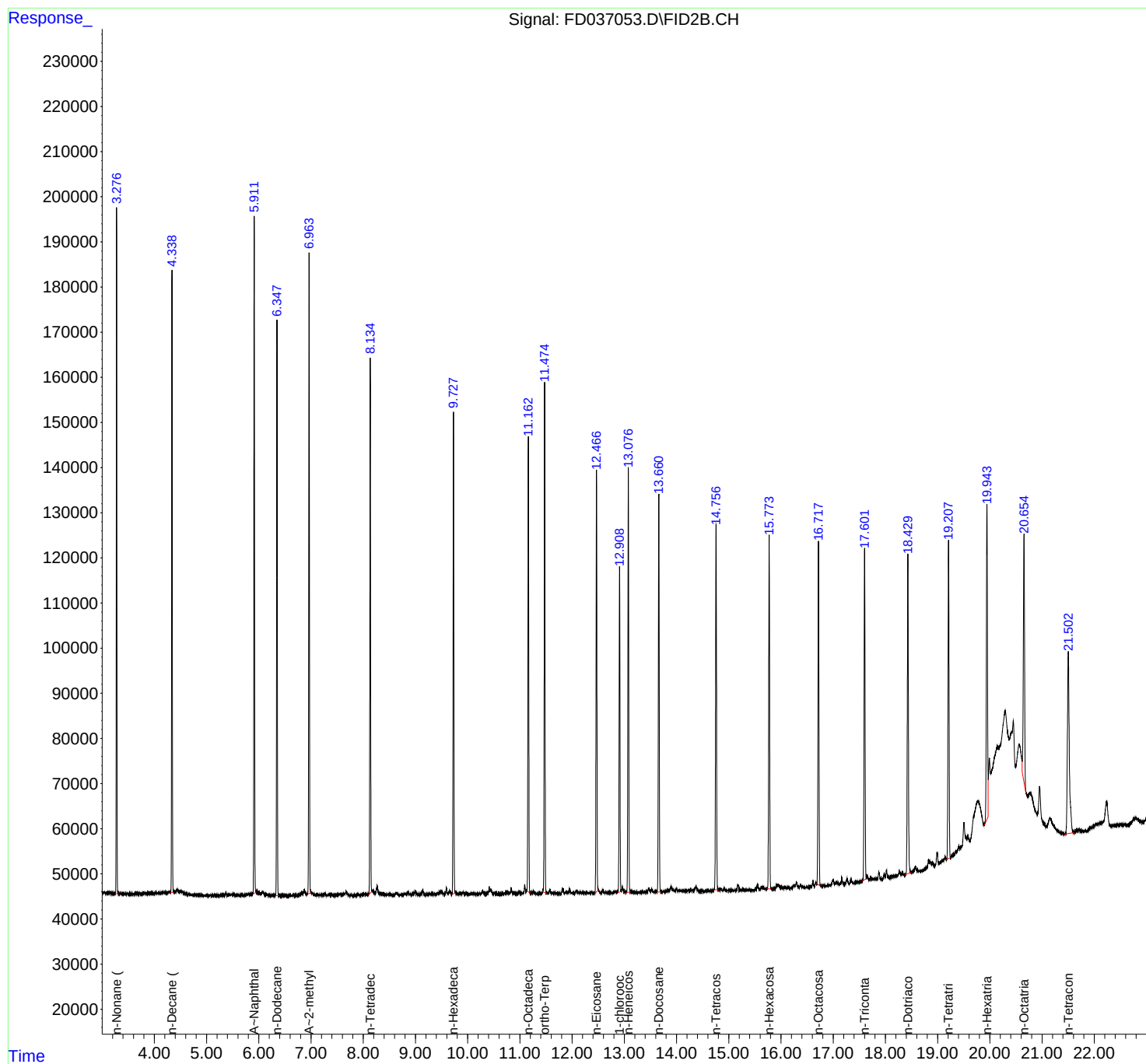
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10 PPM ALIPHATIC HC STD4

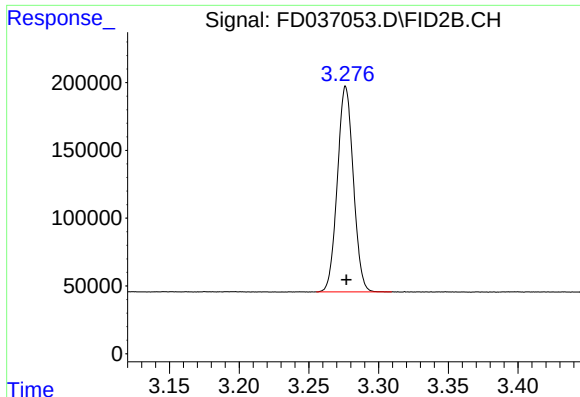
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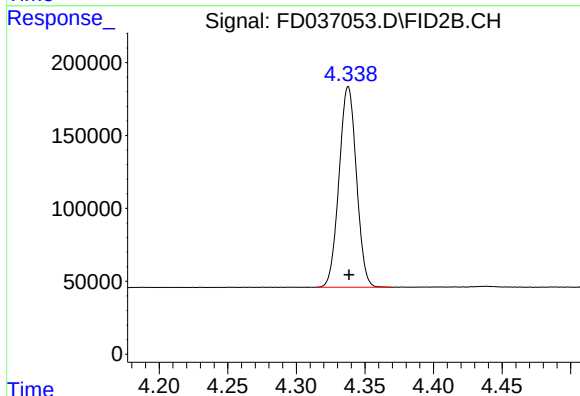
#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 1207926
Conc: 10.00 ug/ml

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10 PPM ALIPHATIC HC STD4

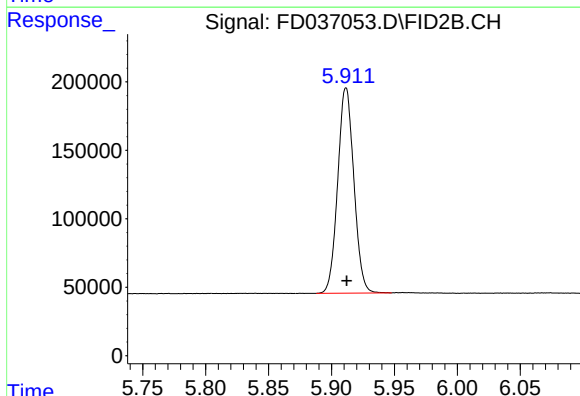
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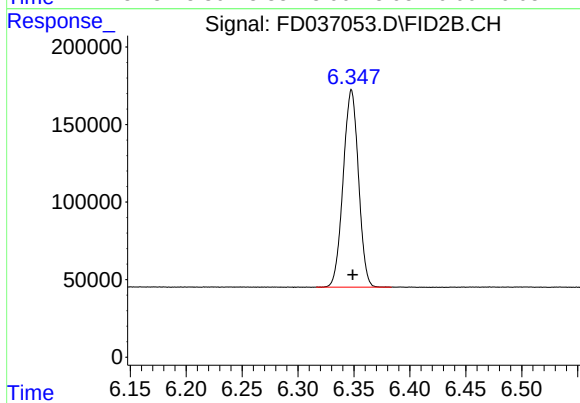
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 1216091
Conc: 10.01 ug/ml



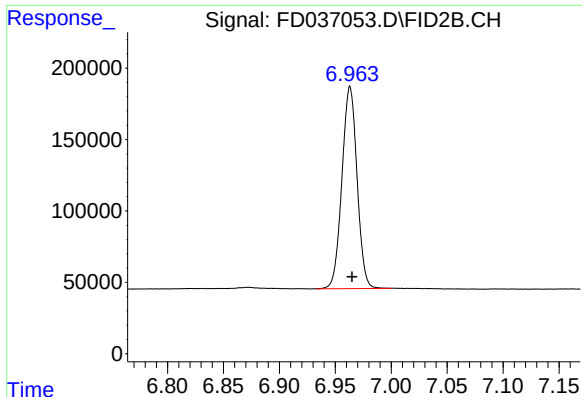
#3 A~Naphthalene (C11.7)

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 1341493
Conc: 9.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 1212666
Conc: 9.95 ug/ml



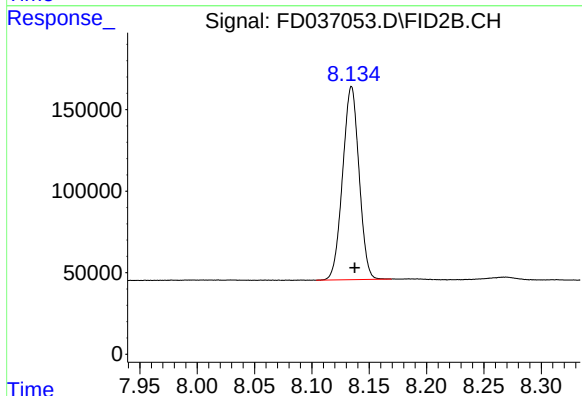
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.963 min
Delta R.T.: -0.002 min
Response: 1331178
Conc: 9.87 ug/ml

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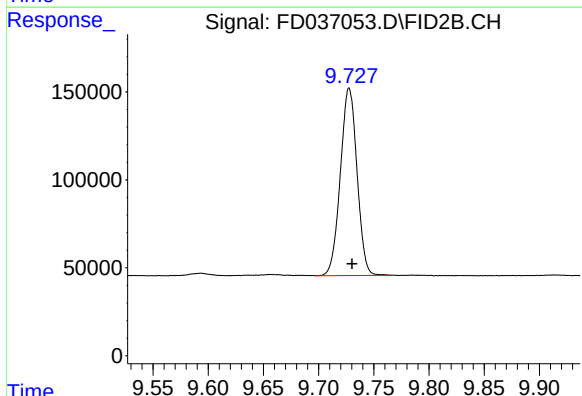
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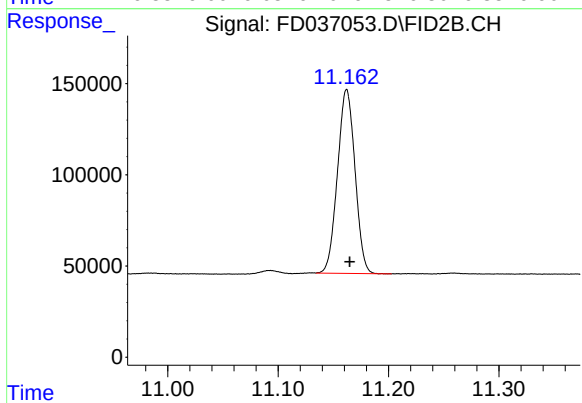
#6 n-Tetradecane (C14)

R.T.: 8.135 min
Delta R.T.: -0.003 min
Response: 1179632
Conc: 9.92 ug/ml



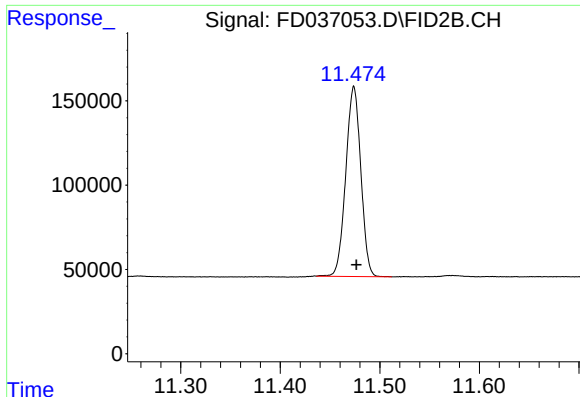
#7 n-Hexadecane (C16)

R.T.: 9.728 min
Delta R.T.: -0.003 min
Response: 1119086
Conc: 9.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.162 min
Delta R.T.: -0.003 min
Response: 1111831
Conc: 9.85 ug/ml



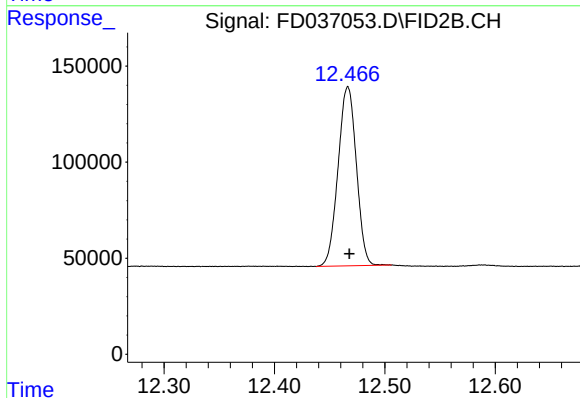
#9 ortho-Terphenyl (SURR)

R.T.: 11.474 min
Delta R.T.: -0.002 min
Response: 1182034
Conc: 9.88 ug/ml

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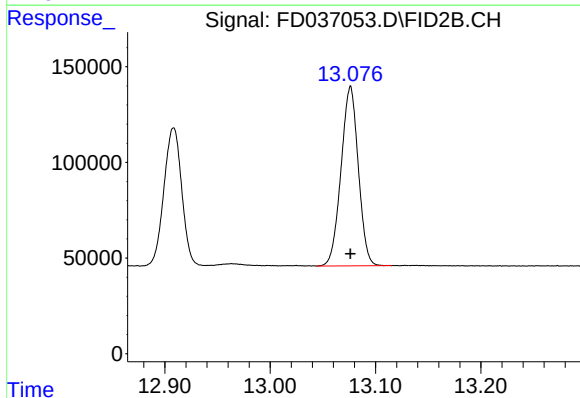
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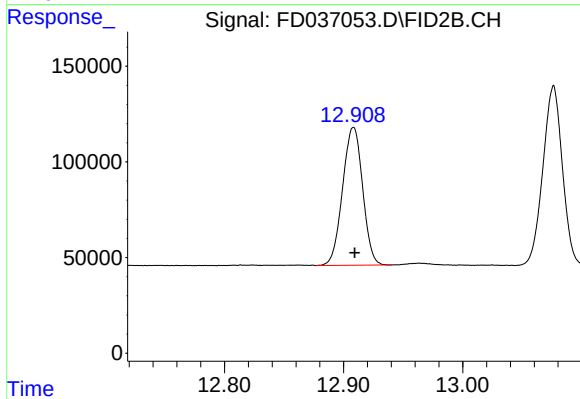
#10 n-Eicosane (C20)

R.T.: 12.467 min
Delta R.T.: -0.001 min
Response: 1074014
Conc: 9.85 ug/ml



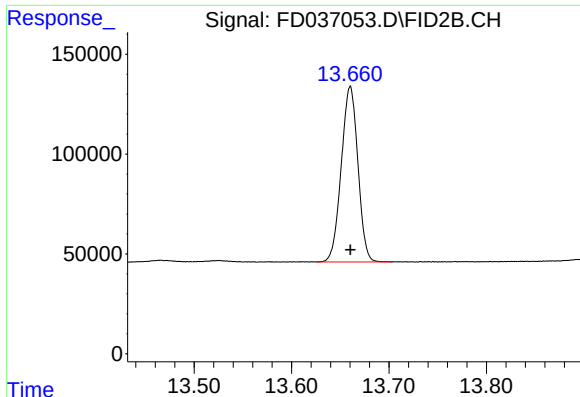
#11 n-Heneicosane (C21)

R.T.: 13.076 min
Delta R.T.: 0.000 min
Response: 1068600
Conc: 9.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.908 min
Delta R.T.: -0.001 min
Response: 844208
Conc: 9.74 ug/ml



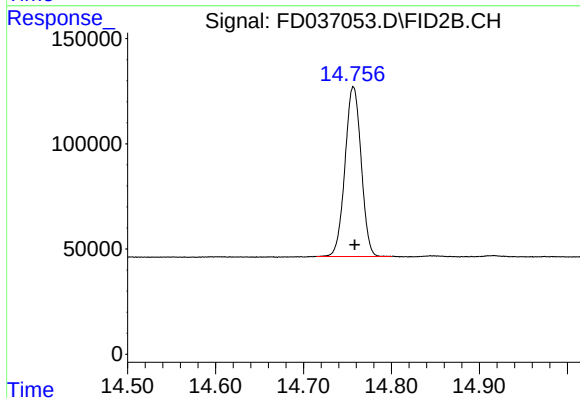
#13 n-Docosane (C22)

R.T.: 13.660 min
Delta R.T.: 0.000 min
Response: 1042338
Conc: 9.91 ug/ml

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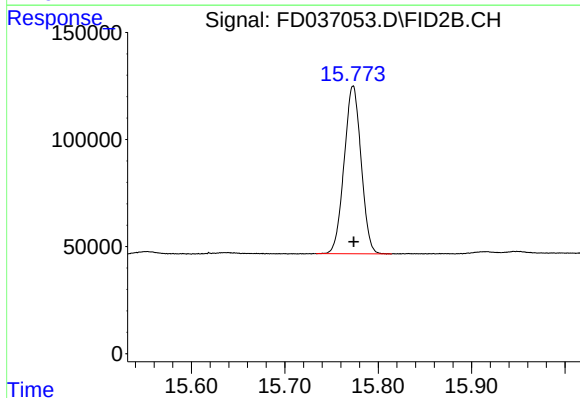
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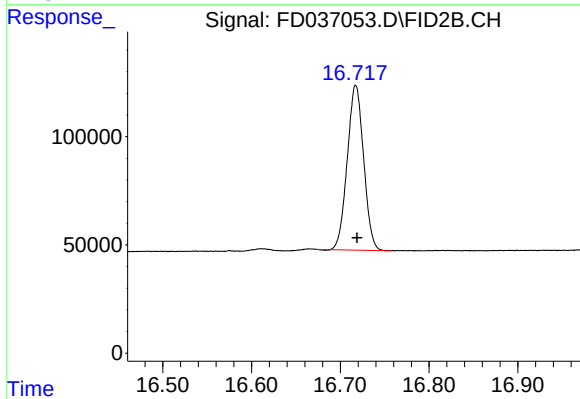
#14 n-Tetracosane (C24)

R.T.: 14.757 min
Delta R.T.: -0.002 min
Response: 1029418
Conc: 9.97 ug/ml



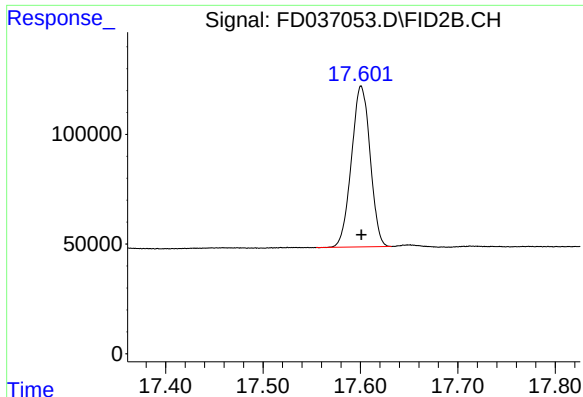
#15 n-Hexacosane (C26)

R.T.: 15.773 min
Delta R.T.: 0.000 min
Response: 988288
Conc: 9.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.717 min
Delta R.T.: -0.001 min
Response: 975161
Conc: 9.88 ug/ml



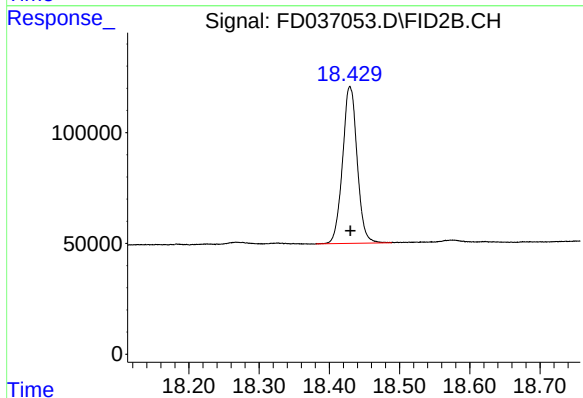
#17 n-Tricontane (C30)

R.T.: 17.601 min
Delta R.T.: 0.000 min
Response: 977048
Conc: 9.94 ug/ml

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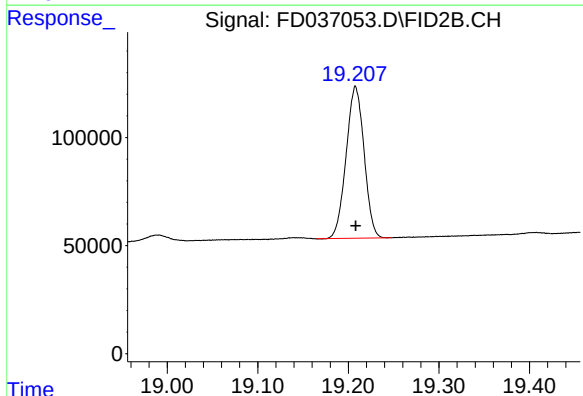
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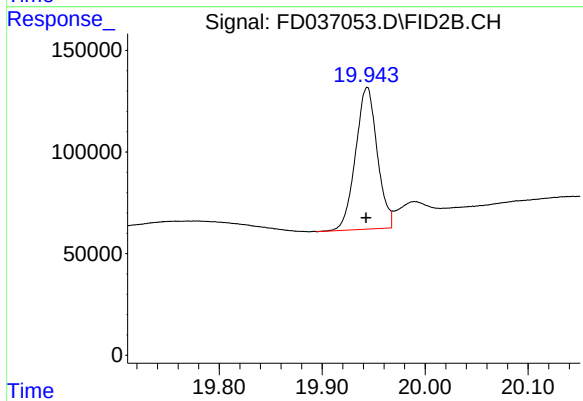
#18 n-Dotriacontane (C32)

R.T.: 18.429 min
Delta R.T.: 0.000 min
Response: 1020290
Conc: 10.27 ug/ml



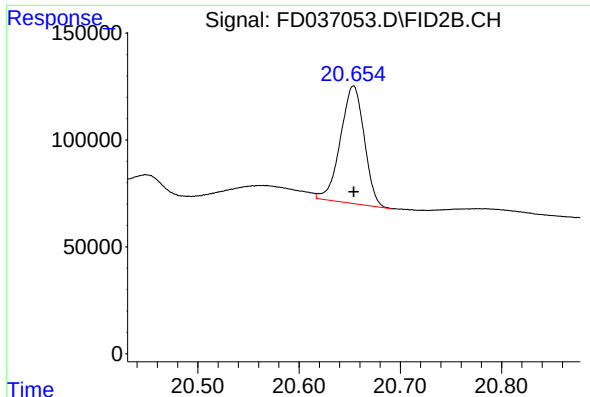
#19 n-Tetratriacontane (C34)

R.T.: 19.208 min
Delta R.T.: 0.000 min
Response: 967742
Conc: 9.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.943 min
Delta R.T.: 0.000 min
Response: 1023872
Conc: 10.88 ug/ml m



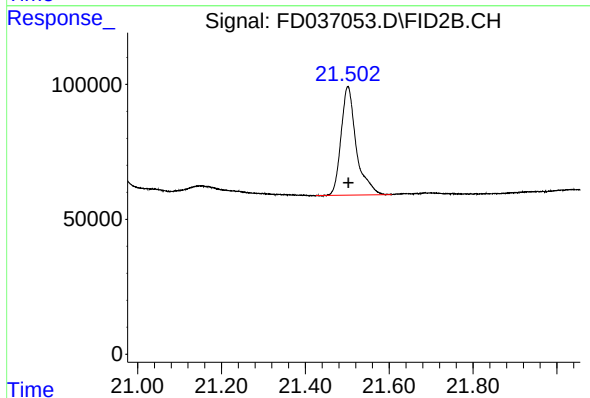
#21 n-Octatriacontane (C38)

R.T.: 20.654 min
Delta R.T.: 0.000 min
Response: 896541
Conc: 10.34 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.501 min
Delta R.T.: -0.001 min
Response: 1015566
Conc: 10.43 ug/ml