

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042721AL\
 Data File : FD037168.D
 Signal(s) : FID2B.CH
 Acq On : 27 Apr 2021 9:09
 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

Integration File: autoint1.e
 Quant Time: Apr 27 14:24:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:31:40 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)	11.475	2229545	19.094 ug/ml
Spiked Amount 50.000		Recovery =	38.19%
12) S 1-chlorooctadecane (S...	12.908	1650422	19.508 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
Target Compounds			
1) T n-Nonane (C9)	3.275	2376674	20.171 ug/ml
2) T n-Decane (C10)	4.336	2398562	20.225 ug/ml
3) T A~Naphthalene (C11.7)	5.910	2598168	19.798 ug/ml
4) T n-Dodecane (C12)	6.346	2380514	20.046 ug/ml
5) T A~2-methylnaphthalene...	6.962	2570325	19.602 ug/ml
6) T n-Tetradecane (C14)	8.134	2293190	19.810 ug/ml
7) T n-Hexadecane (C16)	9.727	2140069	19.466 ug/ml
8) T n-Octadecane (C18)	11.163	2114403	19.284 ug/ml
10) T n-Eicosane (C20)	12.467	2032806	19.164 ug/ml
11) T n-Heneicosane (C21)	13.076	1995174	18.991 ug/ml
13) T n-Docosane (C22)	13.659	1974137	19.204 ug/ml
14) T n-Tetracosane (C24)	14.756	1952111	19.272 ug/ml
15) T n-Hexacosane (C26)	15.772	1942489	19.888 ug/ml
16) T n-Octacosane (C28)	16.716	1940944	20.192 ug/ml
17) T n-Tricontane (C30)	17.598	1976551	20.553 ug/ml
18) T n-Dotriacontane (C32)	18.426	1962828	19.957 ug/ml
19) T n-Tetratriacontane (C34)	19.204	1933046	20.366 ug/ml
20) T n-Hexatriacontane (C36)	19.940	1856790	19.716 ug/ml
21) T n-Octatriacontane (C38)	20.650	1777845	20.650 ug/ml
22) T n-Tetracontane (C40)	21.498	1837654	19.153 ug/ml

(f)=RT Delta > 1/2 Window

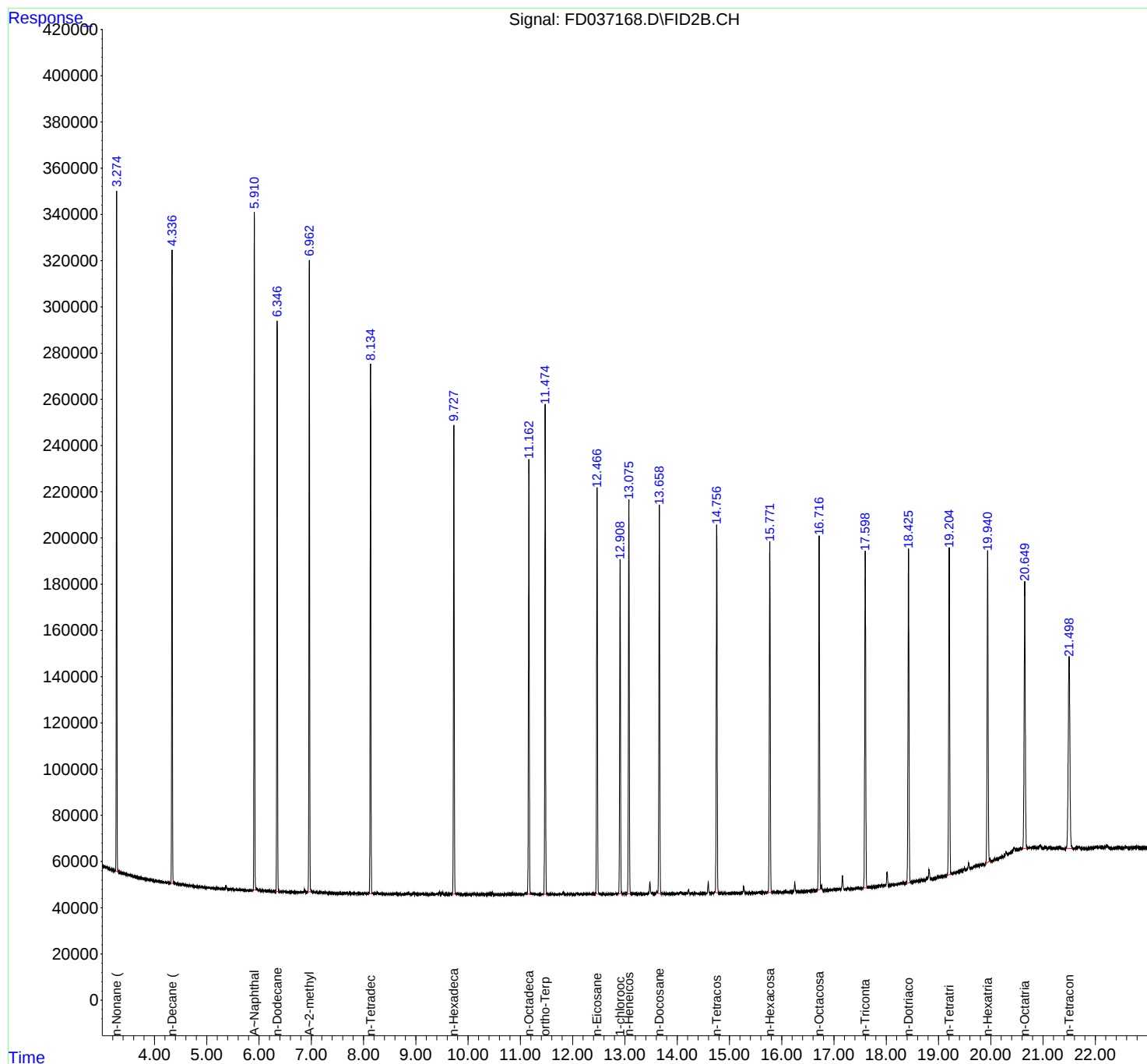
(m)=manual int.

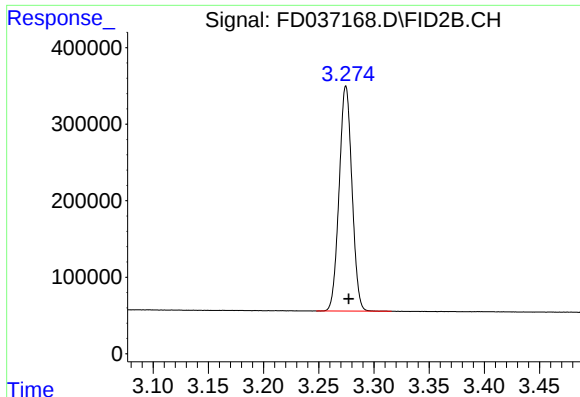
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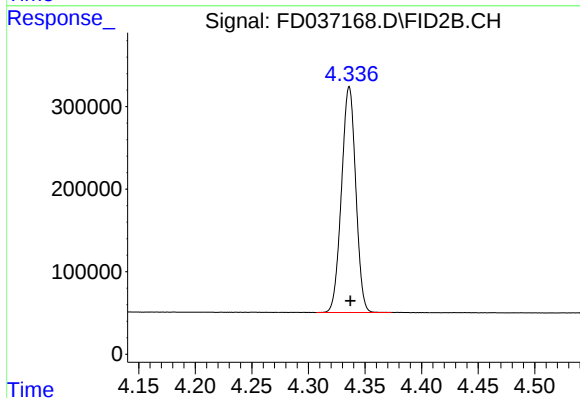




#1 n-Nonane (C9)

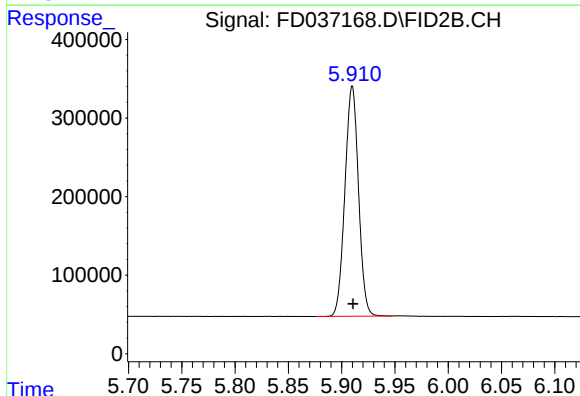
R.T.: 3.275 min
Delta R.T.: -0.002 min
Response: 2376674
Conc: 20.17 ug/ml

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20 PPM ALIPHATIC HC STD



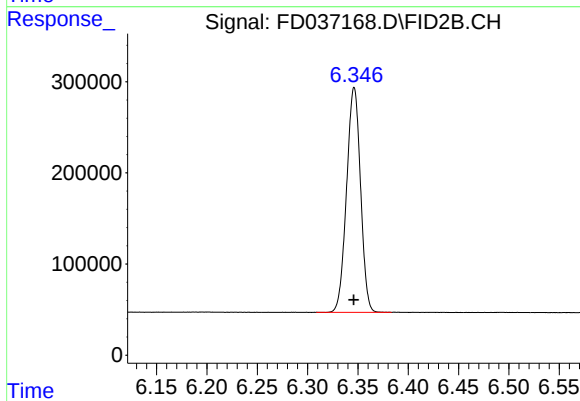
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: -0.001 min
Response: 2398562
Conc: 20.22 ug/ml



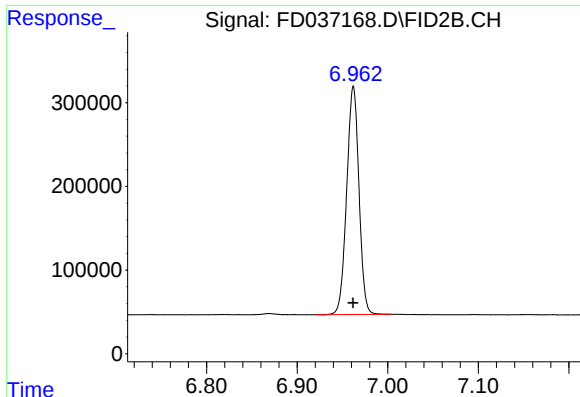
#3 A~Naphthalene (C11.7)

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 2598168
Conc: 19.80 ug/ml



#4 n-Dodecane (C12)

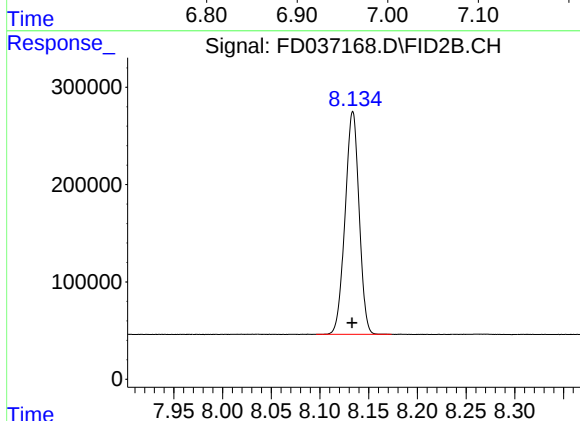
R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 2380514
Conc: 20.05 ug/ml



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

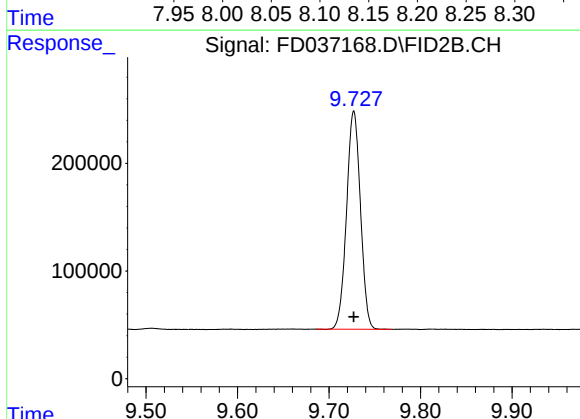
R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 2570325
Conc: 19.60 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



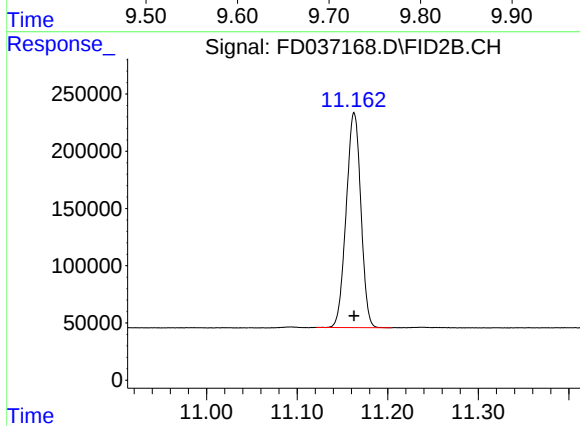
#6 n-Tetradecane (C14)

R.T.: 8.134 min
Delta R.T.: 0.001 min
Response: 2293190
Conc: 19.81 ug/ml



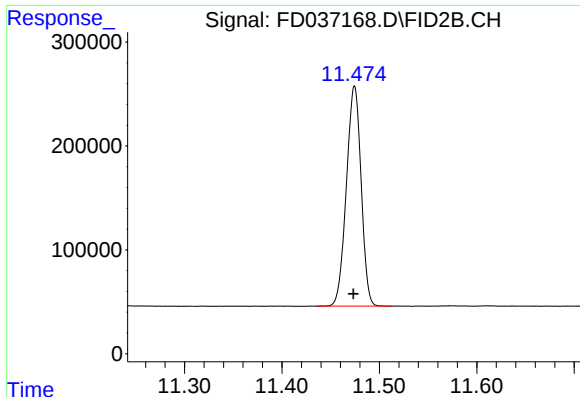
#7 n-Hexadecane (C16)

R.T.: 9.727 min
Delta R.T.: 0.000 min
Response: 2140069
Conc: 19.47 ug/ml



#8 n-Octadecane (C18)

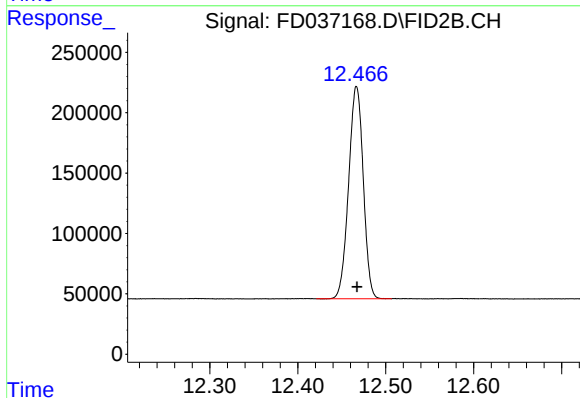
R.T.: 11.163 min
Delta R.T.: 0.000 min
Response: 2114403
Conc: 19.28 ug/ml



#9 ortho-Terphenyl (SURR)

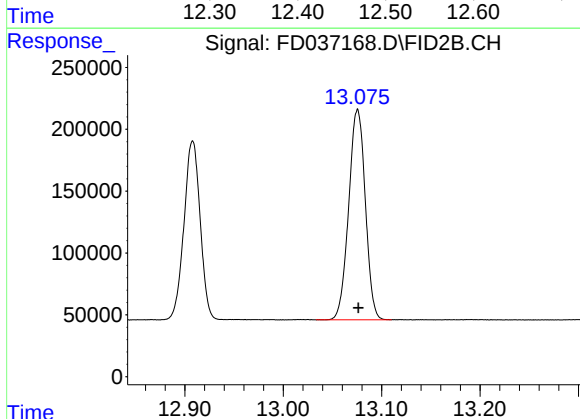
R.T.: 11.475 min
Delta R.T.: 0.001 min
Response: 2229545
Conc: 19.09 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



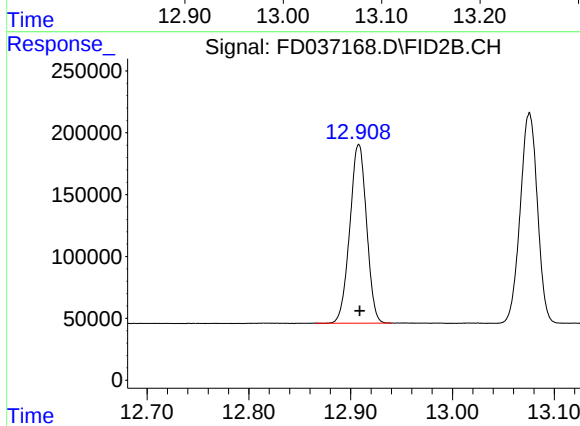
#10 n-Eicosane (C20)

R.T.: 12.467 min
Delta R.T.: 0.000 min
Response: 2032806
Conc: 19.16 ug/ml



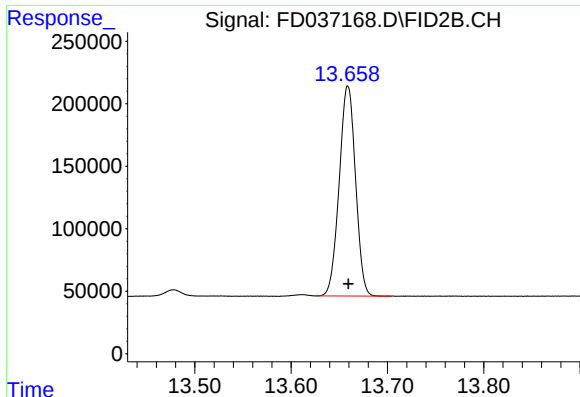
#11 n-Heneicosane (C21)

R.T.: 13.076 min
Delta R.T.: 0.000 min
Response: 1995174
Conc: 18.99 ug/ml



#12 1-chlorooctadecane (SURR)

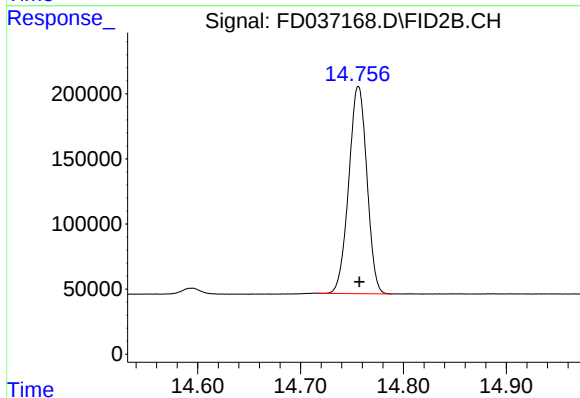
R.T.: 12.908 min
Delta R.T.: 0.000 min
Response: 1650422
Conc: 19.51 ug/ml



#13 n-Docosane (C22)

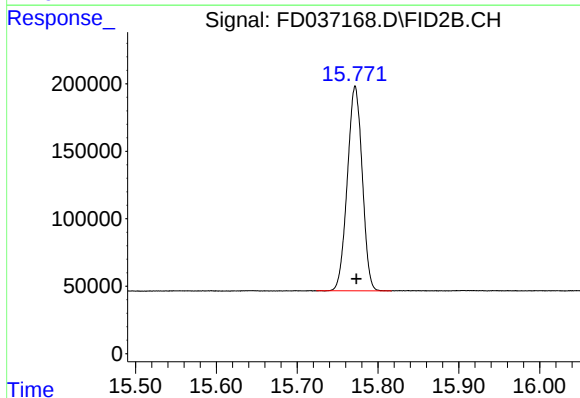
R.T.: 13.659 min
Delta R.T.: 0.000 min
Response: 1974137
Conc: 19.20 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



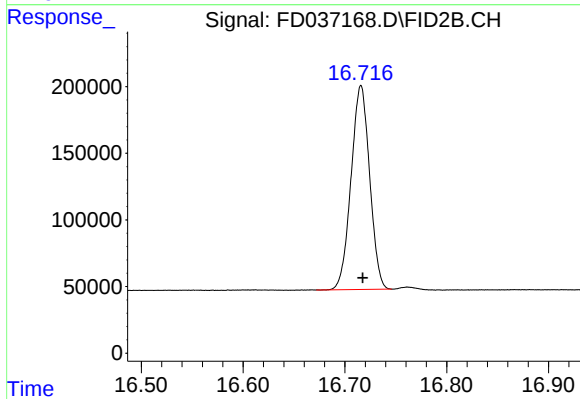
#14 n-Tetracosane (C24)

R.T.: 14.756 min
Delta R.T.: 0.000 min
Response: 1952111
Conc: 19.27 ug/ml



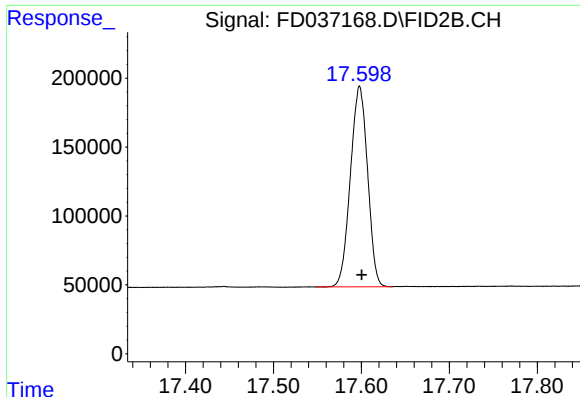
#15 n-Hexacosane (C26)

R.T.: 15.772 min
Delta R.T.: -0.001 min
Response: 1942489
Conc: 19.89 ug/ml



#16 n-Octacosane (C28)

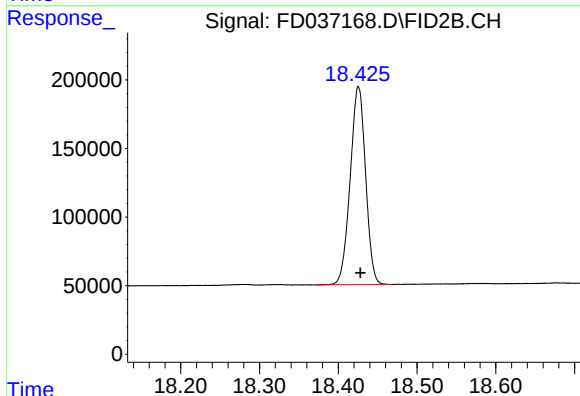
R.T.: 16.716 min
Delta R.T.: -0.002 min
Response: 1940944
Conc: 20.19 ug/ml



#17 n-Tricontane (C30)

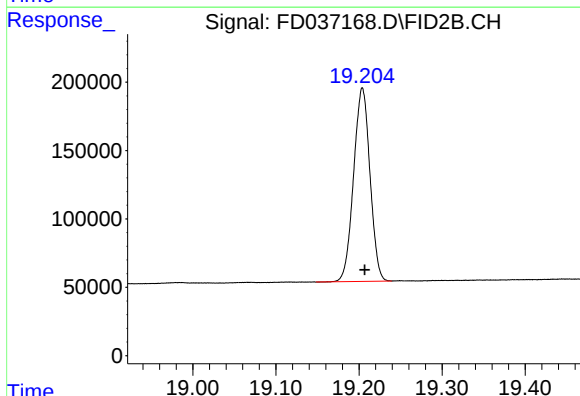
R.T.: 17.598 min
Delta R.T.: -0.002 min
Response: 1976551
Conc: 20.55 ug/ml

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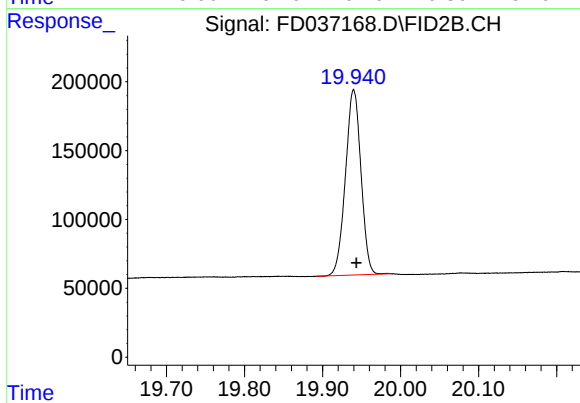
#18 n-Dotriacontane (C32)

R.T.: 18.426 min
Delta R.T.: -0.002 min
Response: 1962828
Conc: 19.96 ug/ml



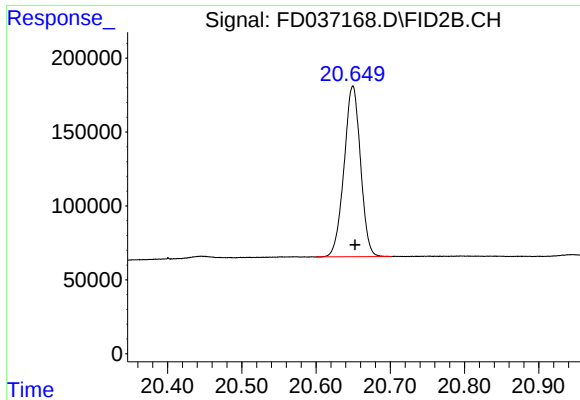
#19 n-Tetratriacontane (C34)

R.T.: 19.204 min
Delta R.T.: -0.003 min
Response: 1933046
Conc: 20.37 ug/ml



#20 n-Hexatriacontane (C36)

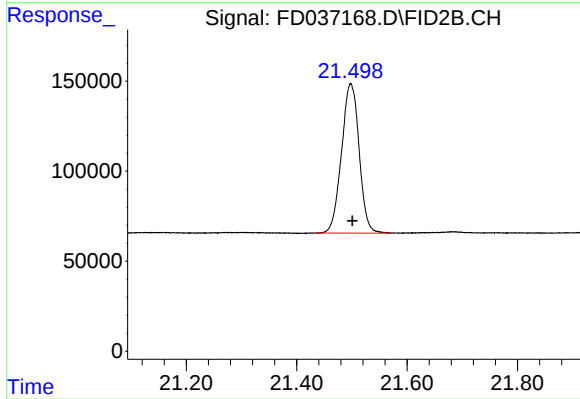
R.T.: 19.940 min
Delta R.T.: -0.004 min
Response: 1856790
Conc: 19.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.650 min
Delta R.T.: -0.003 min
Response: 1777845
Conc: 20.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.498 min
Delta R.T.: -0.003 min
Response: 1837654
Conc: 19.15 ug/ml