

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101221AL\
 Data File : FD039095.D
 Signal(s) : FID2B.CH
 Acq On : 12 Oct 2021 10:37
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Oct 13 03:15:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:13:43 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)	11.676	2450820	17.268 ug/ml
Spiked Amount 50.000		Recovery =	34.54%
12) S 1-chlorooctadecane (S...	13.101	1908021	16.968 ug/ml
Spiked Amount 50.000		Recovery =	33.94%
Target Compounds			
1) T n-Nonane (C9)	3.436	2364638	18.746 ug/ml
2) T n-Decane (C10)	4.506	2393041	18.750 ug/ml
3) T A~Naphthalene (C11.7)	6.098	2646360	18.584 ug/ml
4) T n-Dodecane (C12)	6.522	2393297	18.688 ug/ml
5) T A~2-methylnaphthalene...	7.154	2643927	18.469 ug/ml
6) T n-Tetradecane (C14)	8.315	2397198	18.474 ug/ml
7) T n-Hexadecane (C16)	9.912	2370354	18.174 ug/ml
8) T n-Octadecane (C18)	11.351	2373086	17.744 ug/ml
10) T n-Eicosane (C20)	12.656	2290765	17.273 ug/ml
11) T n-Heneicosane (C21)	13.267	2277054	17.005 ug/ml
13) T n-Docosane (C22)	13.851	2217718	16.719 ug/ml
14) T n-Tetracosane (C24)	14.949	2146612	16.201 ug/ml
15) T n-Hexacosane (C26)	15.968	2038946	15.841 ug/ml
16) T n-Octacosane (C28)	16.913	1971855	15.638 ug/ml
17) T n-Tricontane (C30)	17.797	1919794	15.740 ug/ml
18) T n-Dotriacontane (C32)	18.624	1874060	16.164 ug/ml
19) T n-Tetratriacontane (C34)	19.406	1873074	17.352 ug/ml
20) T n-Hexatriacontane (C36)	20.142	1831078	18.713 ug/ml
21) T n-Octatriacontane (C38)	20.882	1820119	20.275 ug/ml
22) T n-Tetracontane (C40)	21.807	1870799	21.237 ug/ml

(f)=RT Delta > 1/2 Window

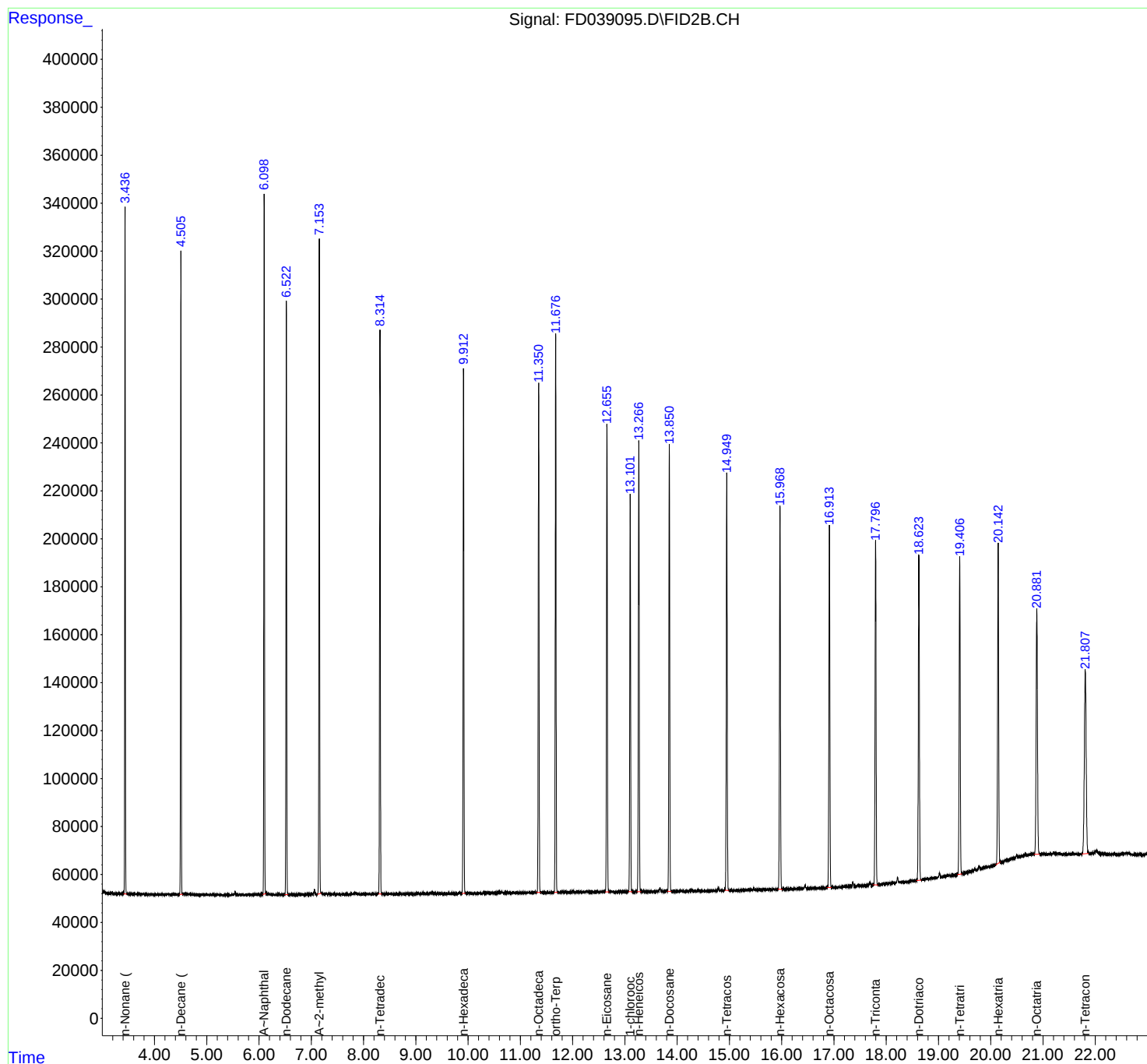
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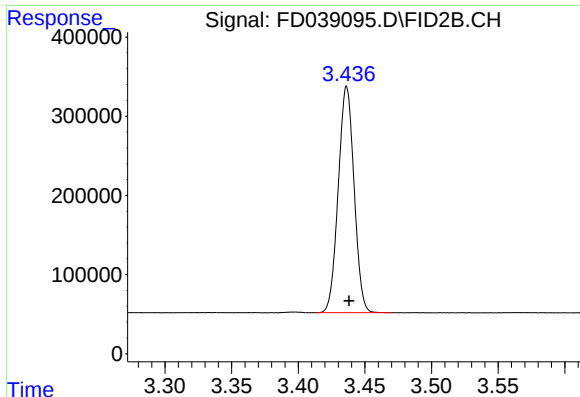
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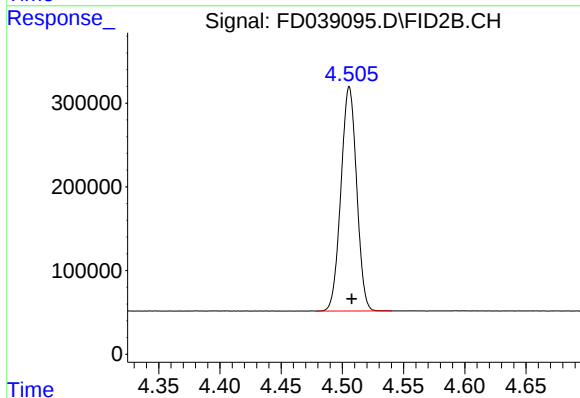




#1 n-Nonane (C9)

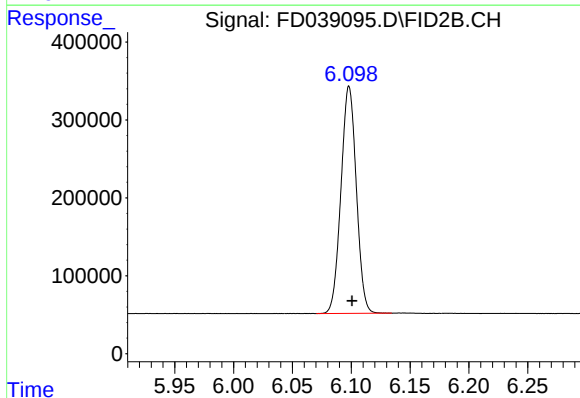
R.T.: 3.436 min
Delta R.T.: -0.002 min
Response: 2364638
Conc: 18.75 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



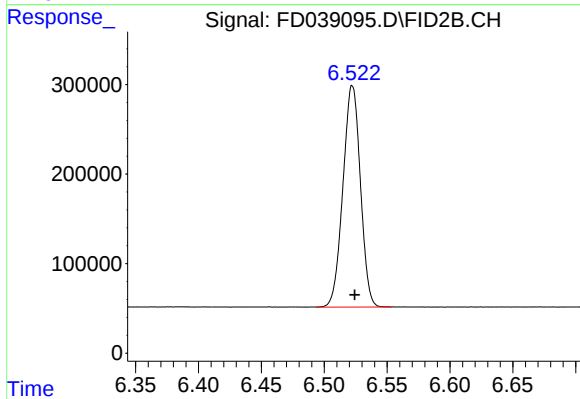
#2 n-Decane (C10)

R.T.: 4.506 min
Delta R.T.: -0.002 min
Response: 2393041
Conc: 18.75 ug/ml



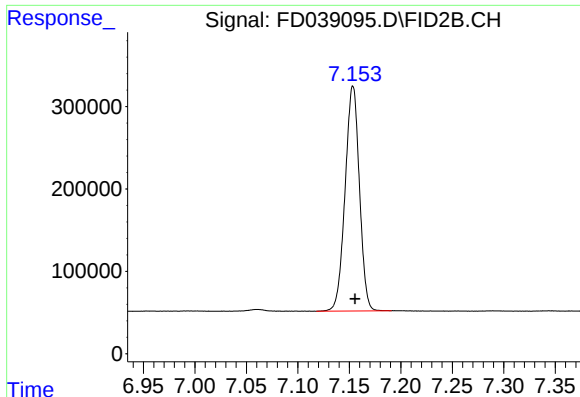
#3 A~Naphthalene (C11.7)

R.T.: 6.098 min
Delta R.T.: -0.003 min
Response: 2646360
Conc: 18.58 ug/ml



#4 n-Dodecane (C12)

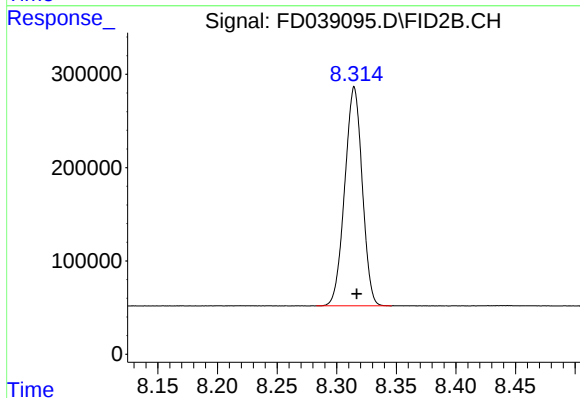
R.T.: 6.522 min
Delta R.T.: -0.002 min
Response: 2393297
Conc: 18.69 ug/ml



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

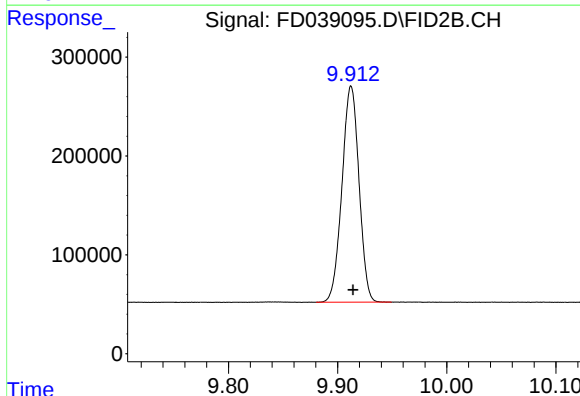
R.T.: 7.154 min
Delta R.T.: -0.002 min
Response: 2643927
Conc: 18.47 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



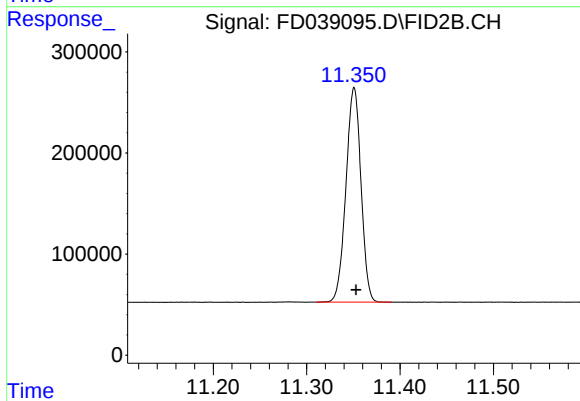
#6 n-Tetradecane (C14)

R.T.: 8.315 min
Delta R.T.: -0.002 min
Response: 2397198
Conc: 18.47 ug/ml



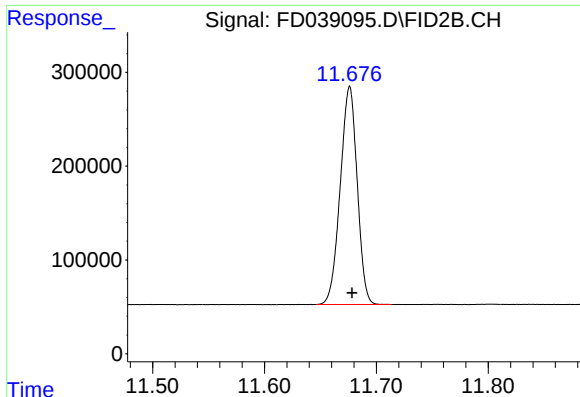
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: -0.002 min
Response: 2370354
Conc: 18.17 ug/ml



#8 n-Octadecane (C18)

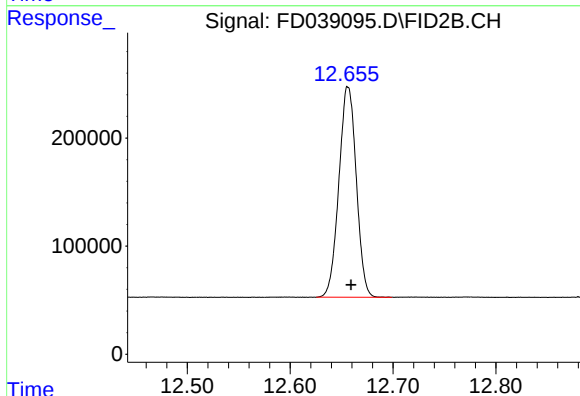
R.T.: 11.351 min
Delta R.T.: -0.002 min
Response: 2373086
Conc: 17.74 ug/ml



#9 ortho-Terphenyl (SURR)

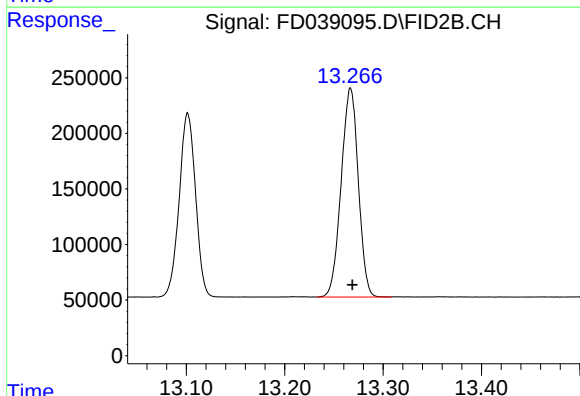
R.T.: 11.676 min
Delta R.T.: -0.002 min
Response: 2450820
Conc: 17.27 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



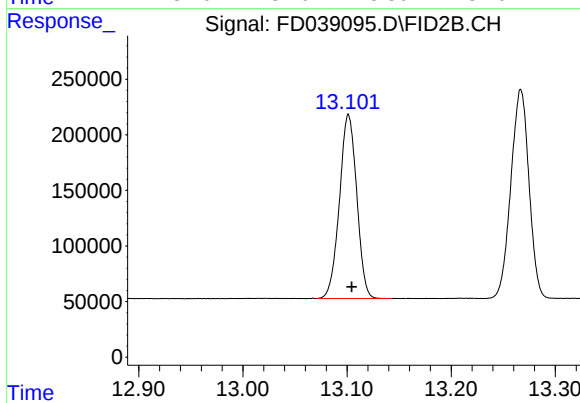
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: -0.003 min
Response: 2290765
Conc: 17.27 ug/ml



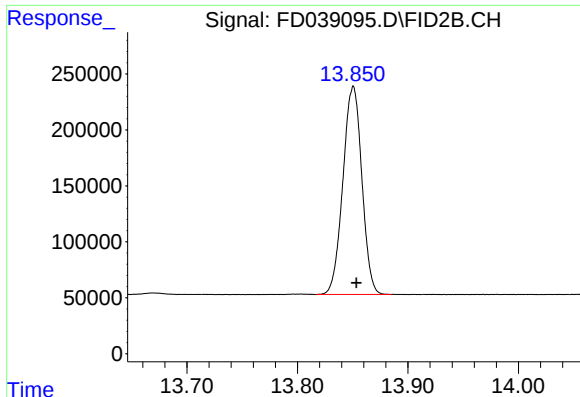
#11 n-Heneicosane (C21)

R.T.: 13.267 min
Delta R.T.: -0.002 min
Response: 2277054
Conc: 17.00 ug/ml



#12 1-chlorooctadecane (SURR)

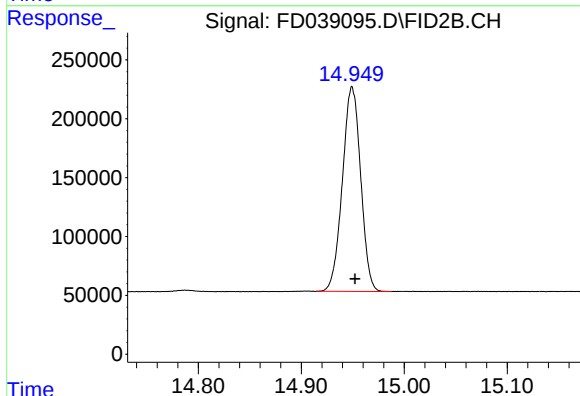
R.T.: 13.101 min
Delta R.T.: -0.003 min
Response: 1908021
Conc: 16.97 ug/ml



#13 n-Docosane (C22)

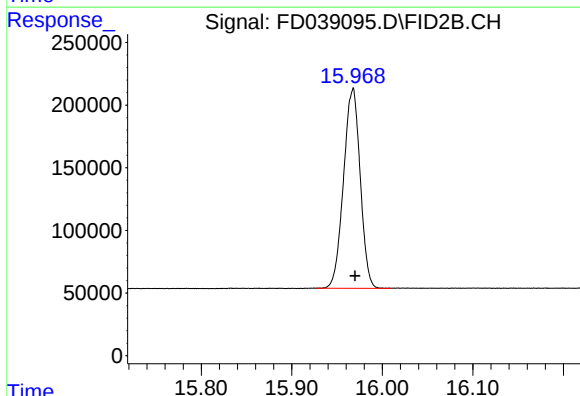
R.T.: 13.851 min
Delta R.T.: -0.003 min
Response: 2217718
Conc: 16.72 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



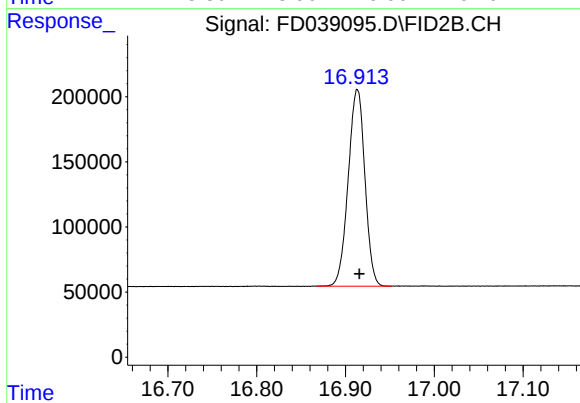
#14 n-Tetracosane (C24)

R.T.: 14.949 min
Delta R.T.: -0.003 min
Response: 2146612
Conc: 16.20 ug/ml



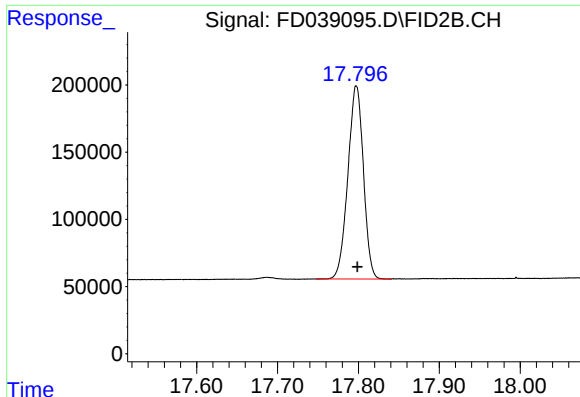
#15 n-Hexacosane (C26)

R.T.: 15.968 min
Delta R.T.: -0.002 min
Response: 2038946
Conc: 15.84 ug/ml



#16 n-Octacosane (C28)

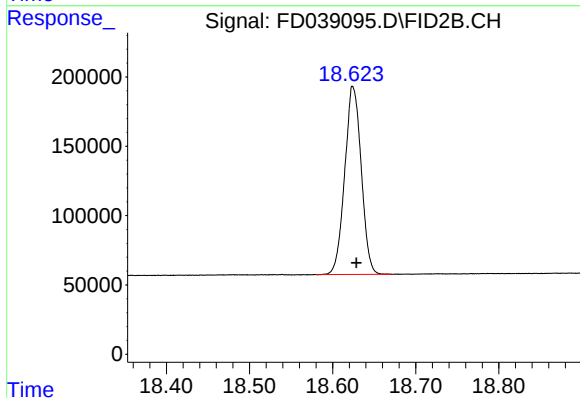
R.T.: 16.913 min
Delta R.T.: -0.002 min
Response: 1971855
Conc: 15.64 ug/ml



#17 n-Tricontane (C30)

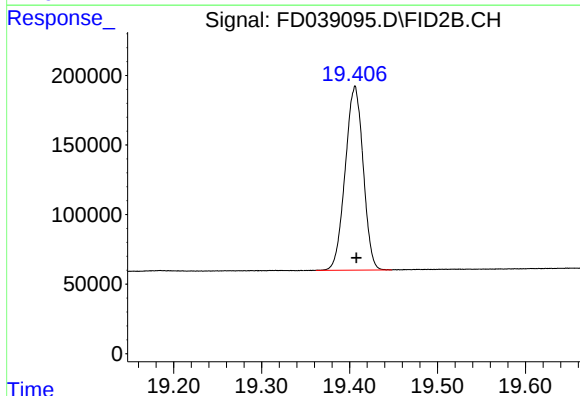
R.T.: 17.797 min
Delta R.T.: -0.001 min
Response: 1919794
Conc: 15.74 ug/ml

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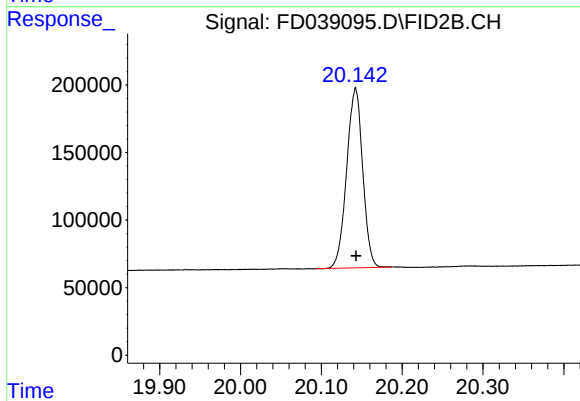
#18 n-Dotriacontane (C32)

R.T.: 18.624 min
Delta R.T.: -0.004 min
Response: 1874060
Conc: 16.16 ug/ml



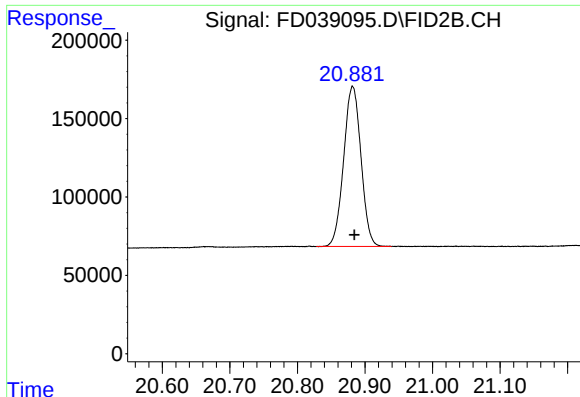
#19 n-Tetratriacontane (C34)

R.T.: 19.406 min
Delta R.T.: -0.002 min
Response: 1873074
Conc: 17.35 ug/ml



#20 n-Hexatriacontane (C36)

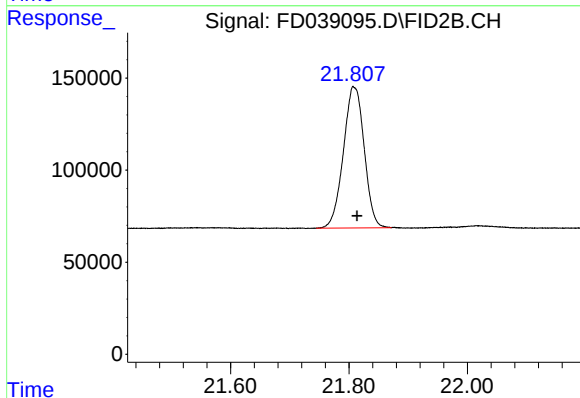
R.T.: 20.142 min
Delta R.T.: 0.000 min
Response: 1831078
Conc: 18.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.882 min
Delta R.T.: -0.003 min
Response: 1820119
Conc: 20.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.807 min
Delta R.T.: -0.006 min
Response: 1870799
Conc: 21.24 ug/ml