

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031021AL\
 Data File : FD036359.D
 Signal(s) : FID2B.CH
 Acq On : 11 Mar 2021 1:23
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC CH STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC CH STD

Integration File: autoint1.e
 Quant Time: Mar 11 02:56:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 02:25:05 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)	11.502	2727087	19.275 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
12) S 1-chlorooctadecane (S...	12.934	2145936	18.779 ug/ml
Spiked Amount 50.000		Recovery =	37.56%
Target Compounds			
1) T n-Nonane (C9)	3.299	2368854	19.774 ug/ml
2) T n-Decane (C10)	4.362	2400426	19.828 ug/ml
3) T A~Naphthalene (C11.7)	5.938	2706995	19.871 ug/ml
4) T n-Dodecane (C12)	6.372	2459673	19.882 ug/ml
5) T A~2-methylnaphthalene...	6.990	2769294	19.850 ug/ml
6) T n-Tetradecane (C14)	8.160	2482969	19.769 ug/ml
7) T n-Hexadecane (C16)	9.754	2453408	19.495 ug/ml
8) T n-Octadecane (C18)	11.190	2545420	19.207 ug/ml
10) T n-Eicosane (C20)	12.493	2539009	18.872 ug/ml
11) T n-Heneicosane (C21)	13.102	2532102	18.780 ug/ml
13) T n-Docosane (C22)	13.684	2511624	18.634 ug/ml
14) T n-Tetracosane (C24)	14.781	2469207	18.338 ug/ml
15) T n-Hexacosane (C26)	15.796	2399834	18.144 ug/ml
16) T n-Octacosane (C28)	16.739	2349679	18.047 ug/ml
17) T n-Tricontane (C30)	17.620	2298984	18.143 ug/ml
18) T n-Dotriacontane (C32)	18.447	2201319	18.393 ug/ml
19) T n-Tetratriacontane (C34)	19.224	2107726	18.771 ug/ml
20) T n-Hexatriacontane (C36)	19.959	1985301	19.393 ug/ml
21) T n-Octatriacontane (C38)	20.670	1897106	20.111 ug/ml
22) T n-Tetracontane (C40)	21.522	1932372	20.431 ug/ml

(f)=RT Delta > 1/2 Window

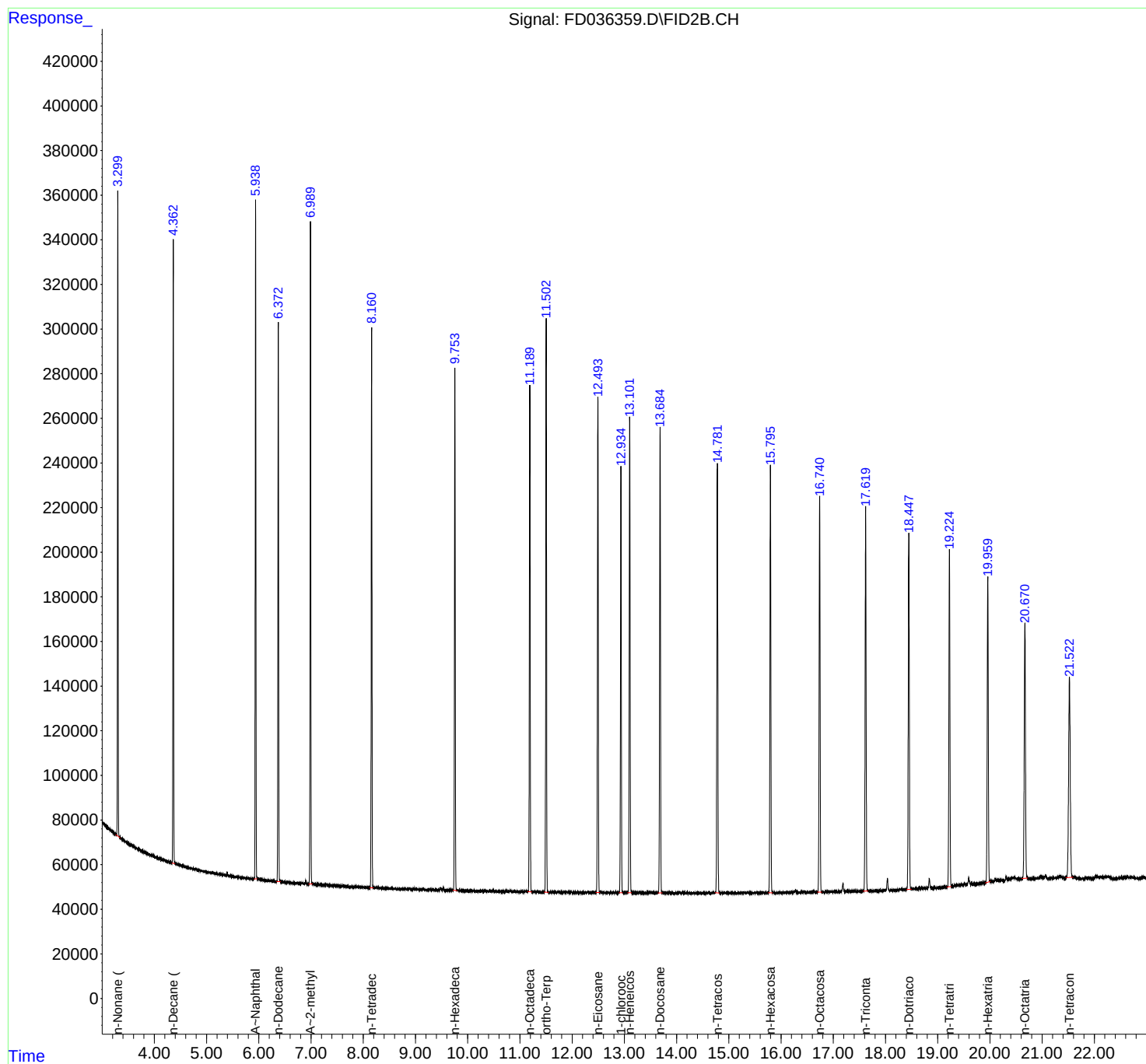
(m)=manual int.

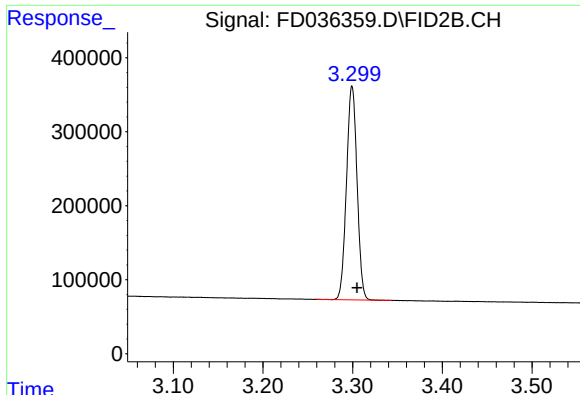
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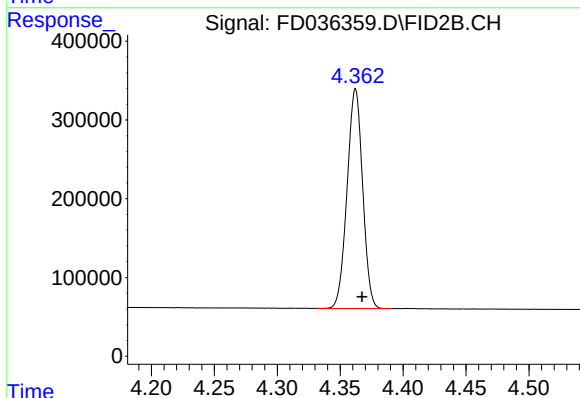




#1 n-Nonane (C9)

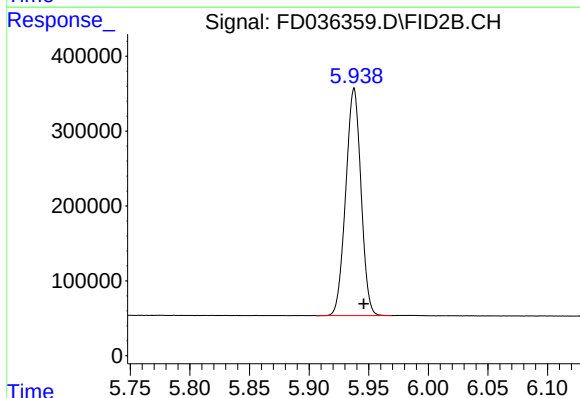
R.T.: 3.299 min
Delta R.T.: -0.006 min
Response: 2368854
Conc: 19.77 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC CH STD



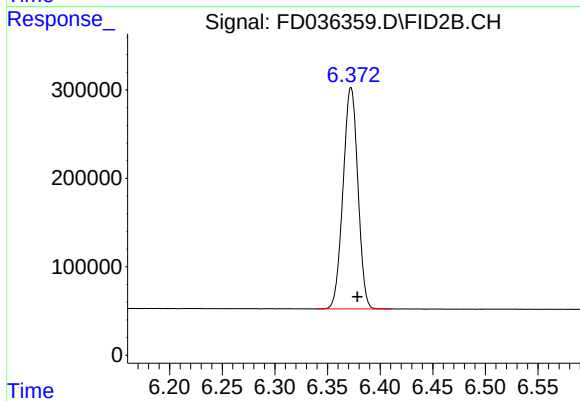
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.005 min
Response: 2400426
Conc: 19.83 ug/ml



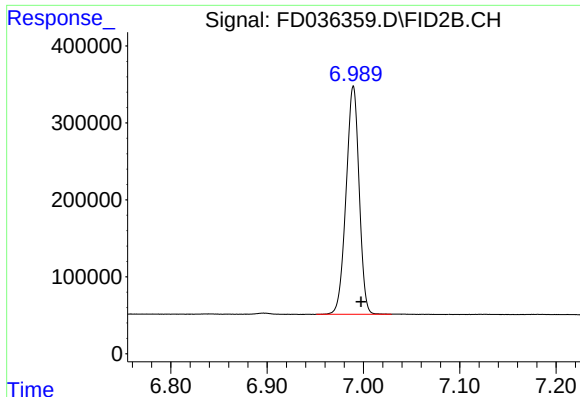
#3 A~Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: -0.008 min
Response: 2706995
Conc: 19.87 ug/ml



#4 n-Dodecane (C12)

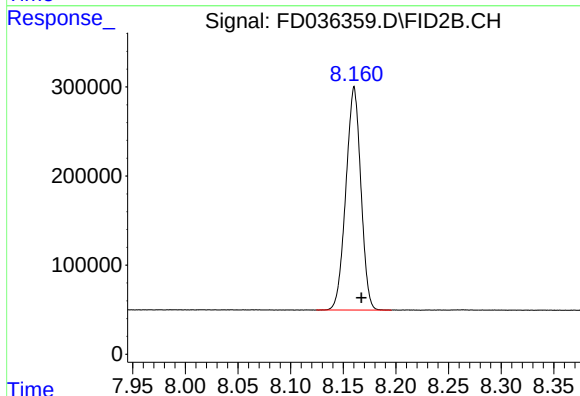
R.T.: 6.372 min
Delta R.T.: -0.006 min
Response: 2459673
Conc: 19.88 ug/ml



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

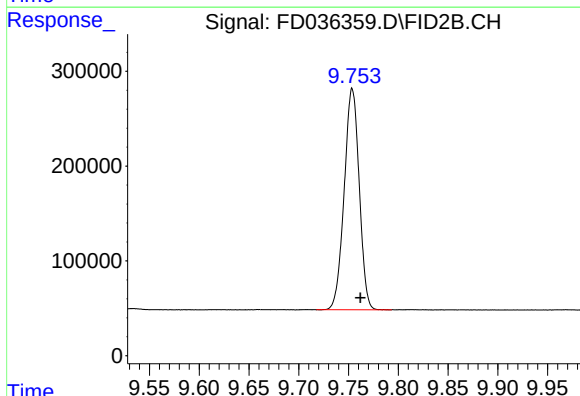
R.T.: 6.990 min
Delta R.T.: -0.008 min
Response: 2769294
Conc: 19.85 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC CH STD



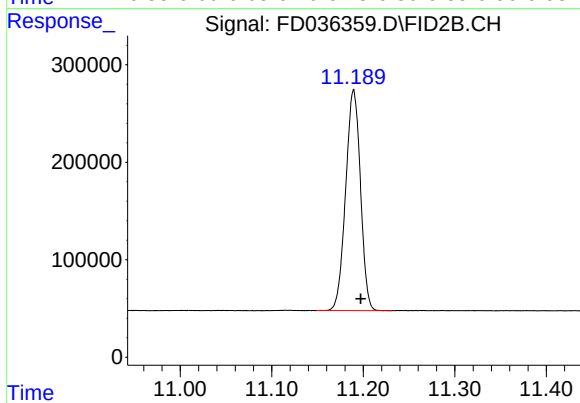
#6 n-Tetradecane (C14)

R.T.: 8.160 min
Delta R.T.: -0.007 min
Response: 2482969
Conc: 19.77 ug/ml



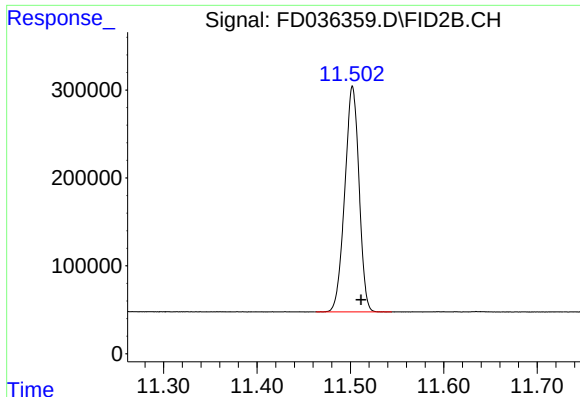
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: -0.008 min
Response: 2453408
Conc: 19.50 ug/ml



#8 n-Octadecane (C18)

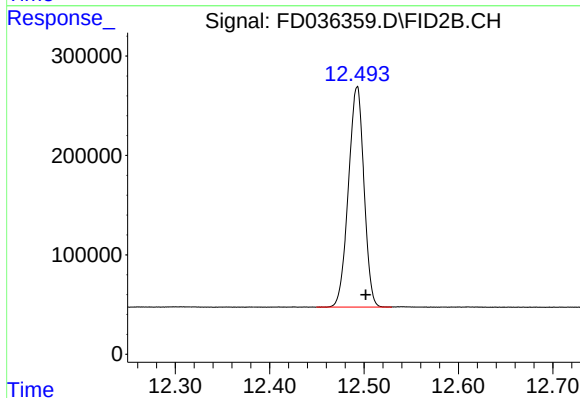
R.T.: 11.190 min
Delta R.T.: -0.008 min
Response: 2545420
Conc: 19.21 ug/ml



#9 ortho-Terphenyl (SURR)

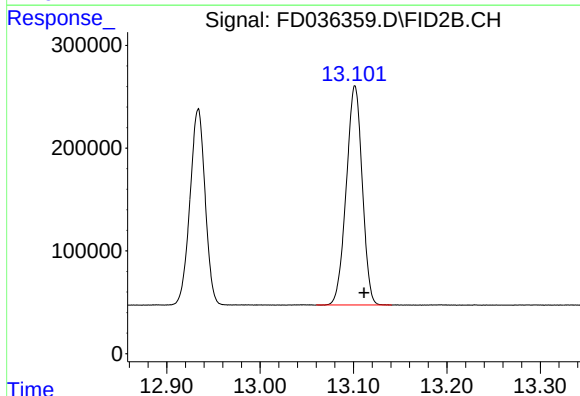
R.T.: 11.502 min
Delta R.T.: -0.009 min
Response: 2727087
Conc: 19.27 ug/ml

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20 PPM ALIPHATIC CH STD



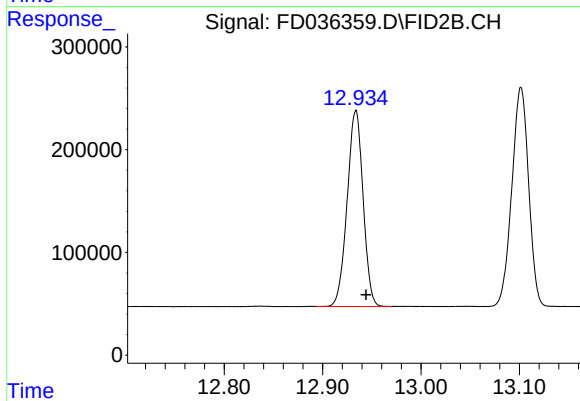
#10 n-Eicosane (C20)

R.T.: 12.493 min
Delta R.T.: -0.009 min
Response: 2539009
Conc: 18.87 ug/ml



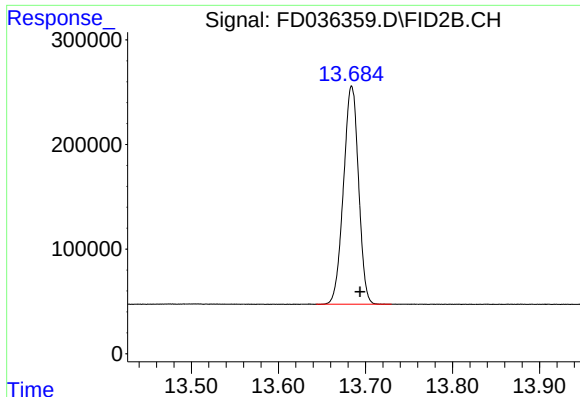
#11 n-Heneicosane (C21)

R.T.: 13.102 min
Delta R.T.: -0.010 min
Response: 2532102
Conc: 18.78 ug/ml



#12 1-chlorooctadecane (SURR)

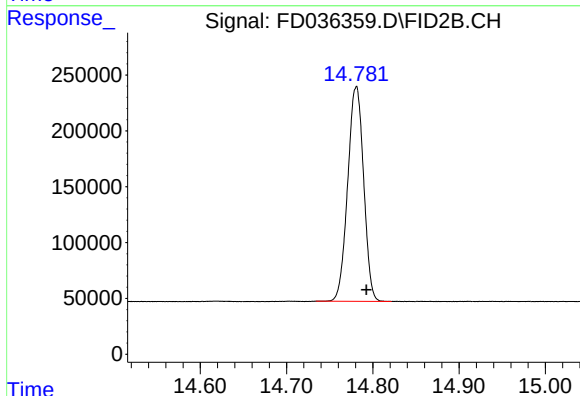
R.T.: 12.934 min
Delta R.T.: -0.010 min
Response: 2145936
Conc: 18.78 ug/ml



#13 n-Docosane (C22)

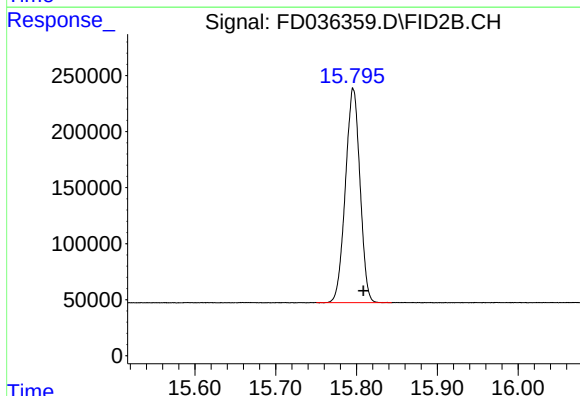
R.T.: 13.684 min
Delta R.T.: -0.010 min
Response: 2511624
Conc: 18.63 ug/ml

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20 PPM ALIPHATIC CH STD



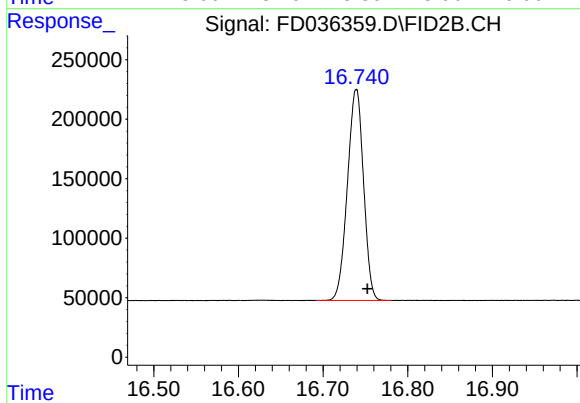
#14 n-Tetracosane (C24)

R.T.: 14.781 min
Delta R.T.: -0.012 min
Response: 2469207
Conc: 18.34 ug/ml



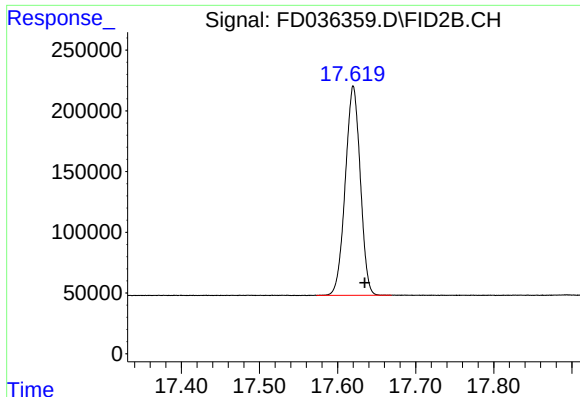
#15 n-Hexacosane (C26)

R.T.: 15.796 min
Delta R.T.: -0.013 min
Response: 2399834
Conc: 18.14 ug/ml



#16 n-Octacosane (C28)

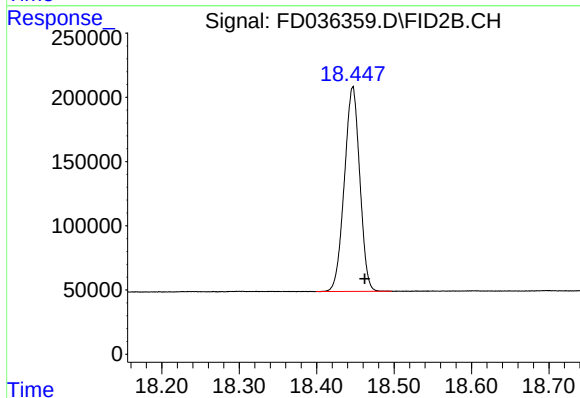
R.T.: 16.739 min
Delta R.T.: -0.013 min
Response: 2349679
Conc: 18.05 ug/ml



#17 n-Tricontane (C30)

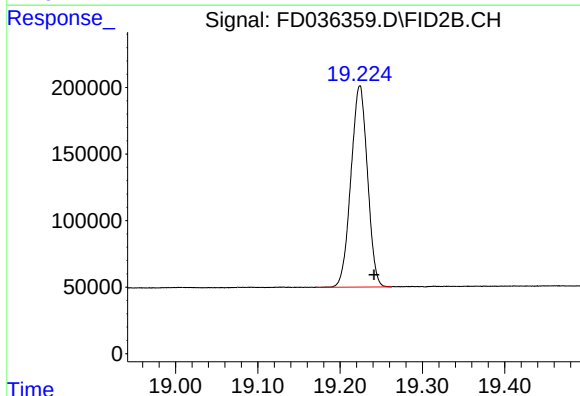
R.T.: 17.620 min
Delta R.T.: -0.014 min
Response: 2298984
Conc: 18.14 ug/ml

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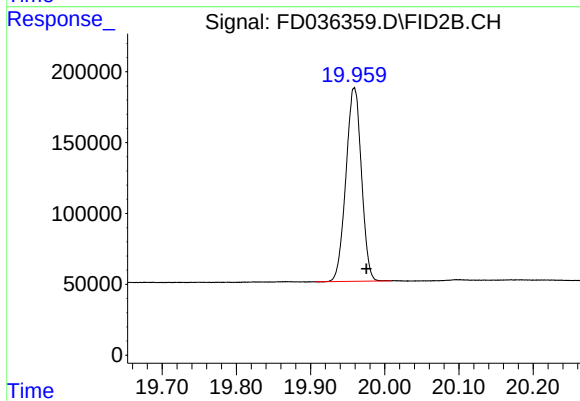
#18 n-Dotriacontane (C32)

R.T.: 18.447 min
Delta R.T.: -0.015 min
Response: 2201319
Conc: 18.39 ug/ml



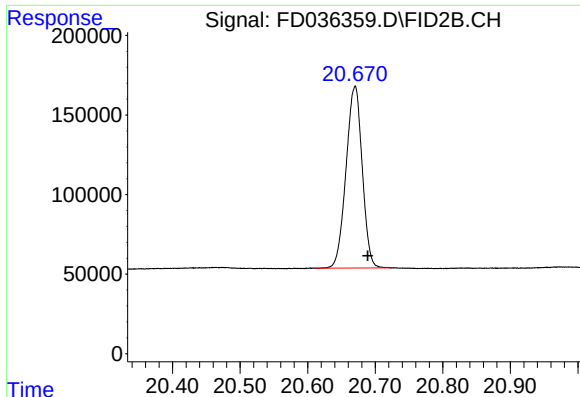
#19 n-Tetratriacontane (C34)

R.T.: 19.224 min
Delta R.T.: -0.017 min
Response: 2107726
Conc: 18.77 ug/ml



#20 n-Hexatriacontane (C36)

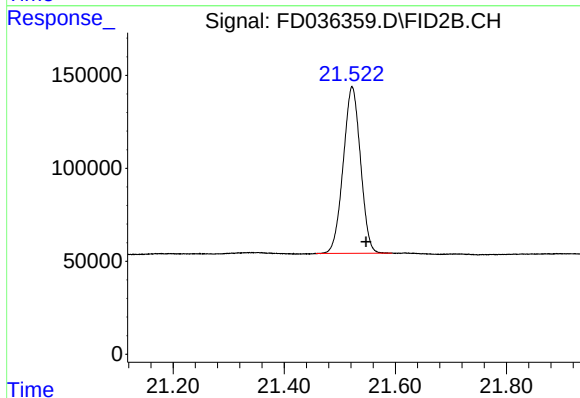
R.T.: 19.959 min
Delta R.T.: -0.017 min
Response: 1985301
Conc: 19.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.670 min
Delta R.T.: -0.018 min
Response: 1897106
Conc: 20.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.522 min
Delta R.T.: -0.025 min
Response: 1932372
Conc: 20.43 ug/ml