

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031522AL\
 Data File : FE035372.D
 Signal(s) : FID1B.CH
 Acq On : 17 Mar 2022 10:03
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Mar 17 10:35:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022822.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 02:07:56 2022
 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)	11.359	3142228	22.687 ug/ml
Spiked Amount 50.000		Recovery =	45.37%
12) S 1-chlorooctadecane (S...	12.793	2252552	20.796 ug/ml
Spiked Amount 50.000		Recovery =	41.59%
Target Compounds			
1) T n-Nonane (C9)	3.177	2628858	22.894 ug/ml
2) T n-Decane (C10)	4.232	2610157	22.911 ug/ml
3) T A~Naphthalene (C11.7)	5.799	2849683	22.436 ug/ml
4) T n-Dodecane (C12)	6.238	2687674	22.859 ug/ml
5) T A~2-methylnaphthalene...	6.849	2844676	22.270 ug/ml
6) T n-Tetradecane (C14)	8.024	2740774	22.966 ug/ml
7) T n-Hexadecane (C16)	9.616	2770684	22.741 ug/ml
8) T n-Octadecane (C18)	11.050	2837140	22.633 ug/ml
10) T n-Eicosane (C20)	12.354	2818281	22.288 ug/ml
11) T n-Heneicosane (C21)	12.963	2827244	22.201 ug/ml
13) T n-Docosane (C22)	13.545	2813493	22.157 ug/ml
14) T n-Tetracosane (C24)	14.643	2787473	22.008 ug/ml
15) T n-Hexacosane (C26)	15.658	2725637	21.982 ug/ml
16) T n-Octacosane (C28)	16.602	2637904	22.009 ug/ml
17) T n-Tricontane (C30)	17.485	2497710	22.052 ug/ml
18) T n-Dotriacontane (C32)	18.314	2230392	21.903 ug/ml
19) T n-Tetratriacontane (C34)	19.093	1892851	21.214 ug/ml
20) T n-Hexatriacontane (C36)	19.828	1537519	20.253 ug/ml
21) T n-Octatriacontane (C38)	20.529	1203828	18.230 ug/ml
22) T n-Tetracontane (C40)	21.340	933541	15.262 ug/ml

(f)=RT Delta > 1/2 Window

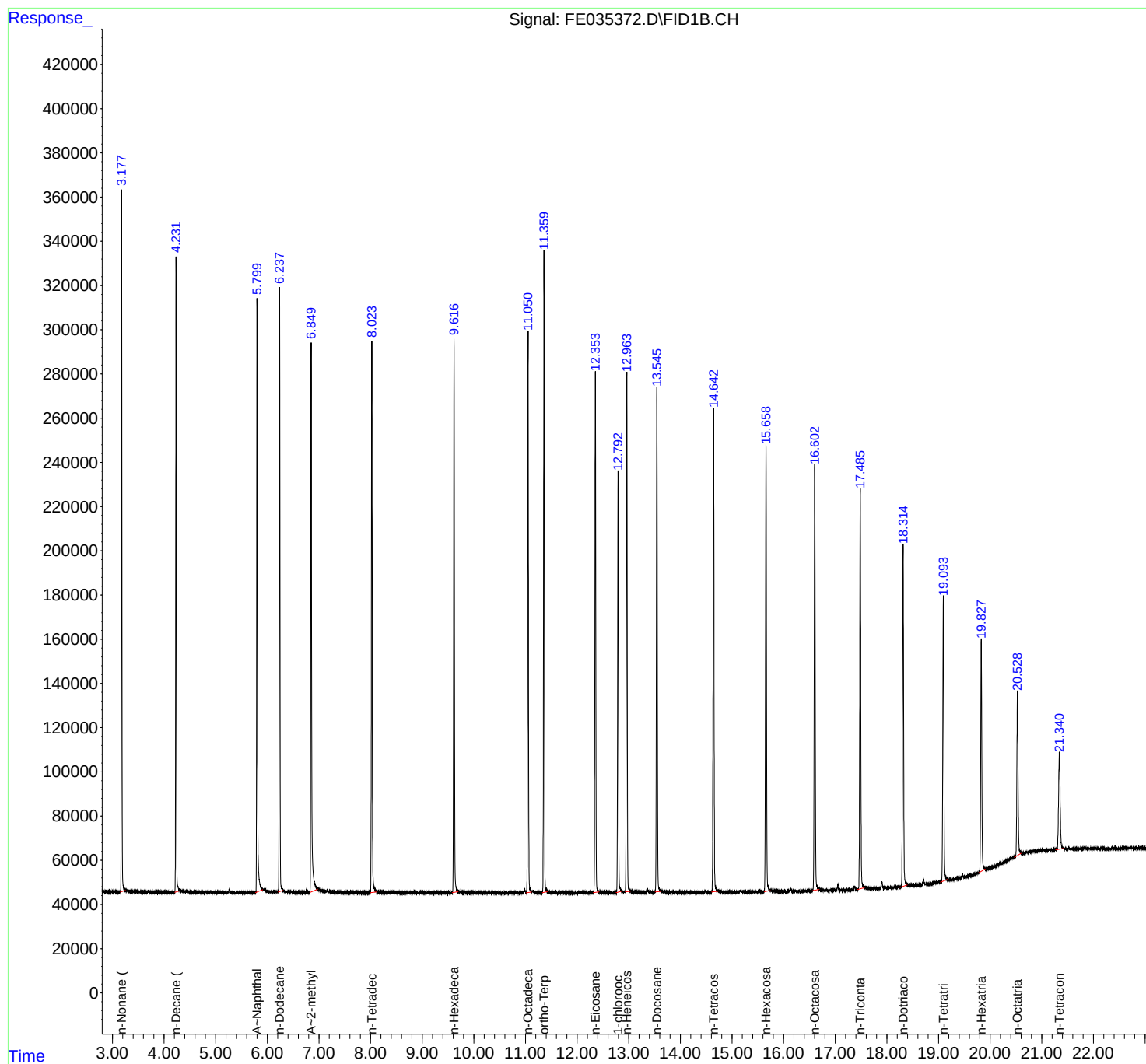
(m)=manual int.

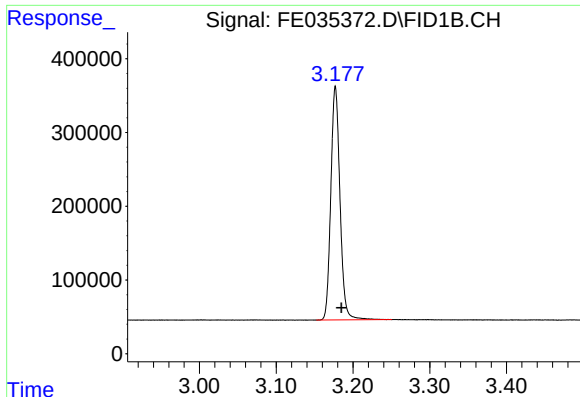
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031522AL\
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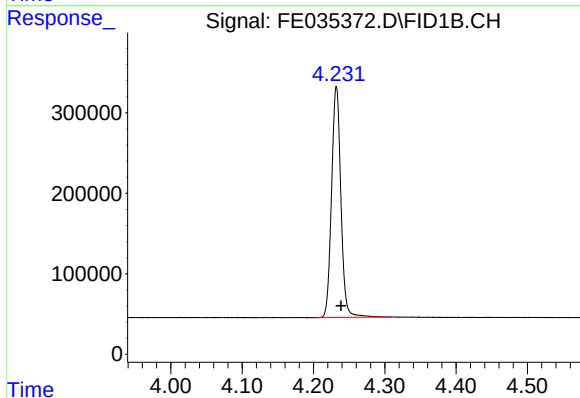




#1 n-Nonane (C9)

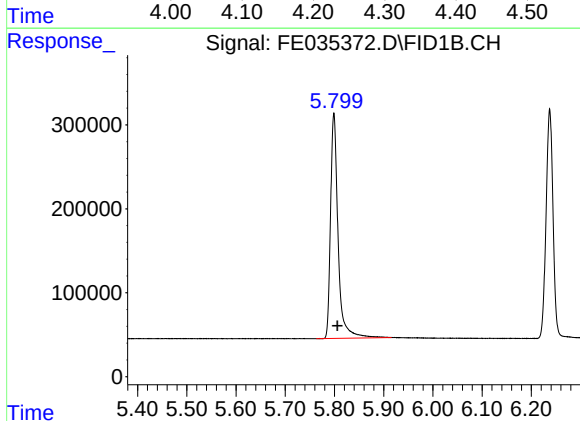
R.T.: 3.177 min
Delta R.T.: -0.008 min
Response: 2628858
Conc: 22.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



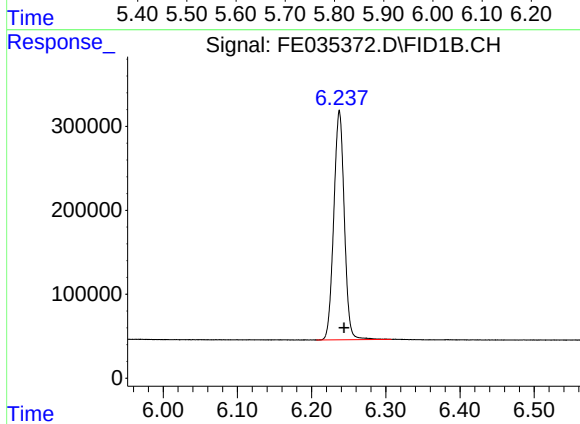
#2 n-Decane (C10)

R.T.: 4.232 min
Delta R.T.: -0.006 min
Response: 2610157
Conc: 22.91 ug/ml



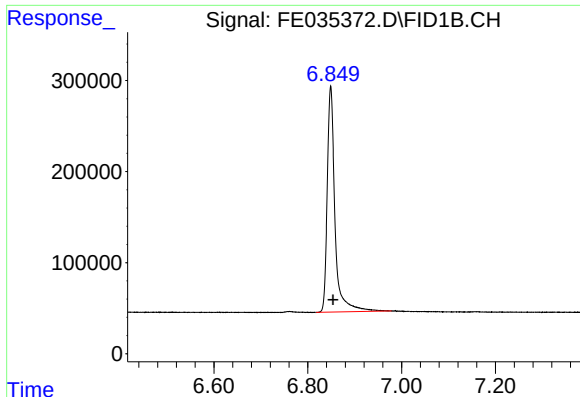
#3 A~Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: -0.007 min
Response: 2849683
Conc: 22.44 ug/ml



#4 n-Dodecane (C12)

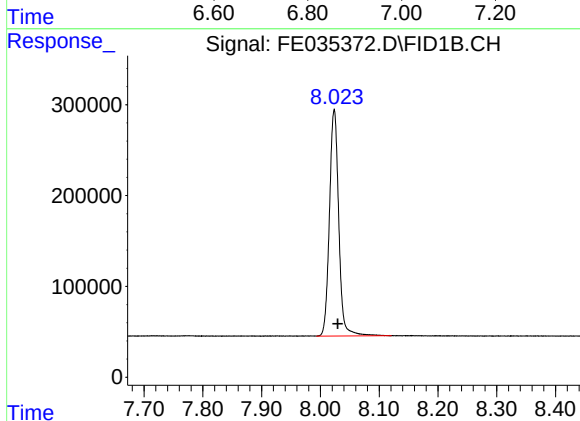
R.T.: 6.238 min
Delta R.T.: -0.006 min
Response: 2687674
Conc: 22.86 ug/ml



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

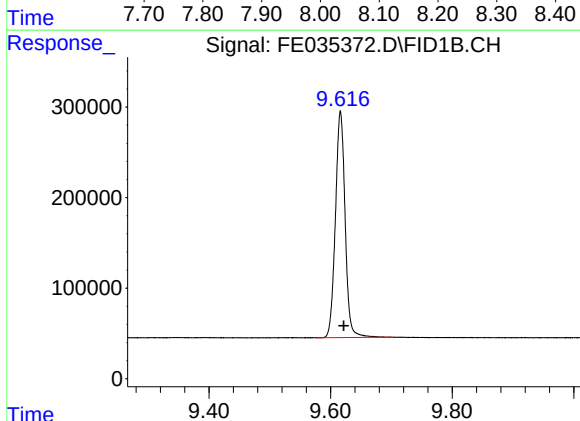
R.T.: 6.849 min
Delta R.T.: -0.005 min
Response: 2844676
Conc: 22.27 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



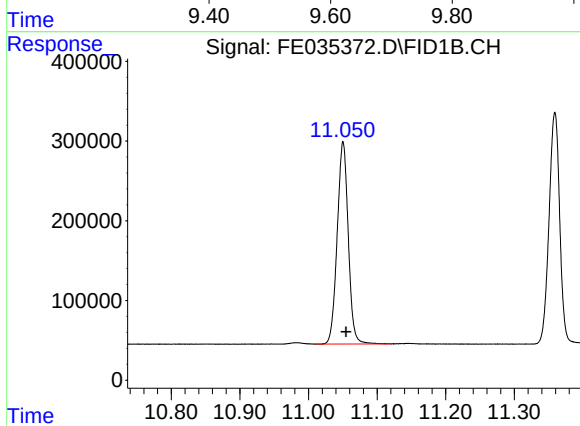
#6 n-Tetradecane (C14)

R.T.: 8.024 min
Delta R.T.: -0.006 min
Response: 2740774
Conc: 22.97 ug/ml



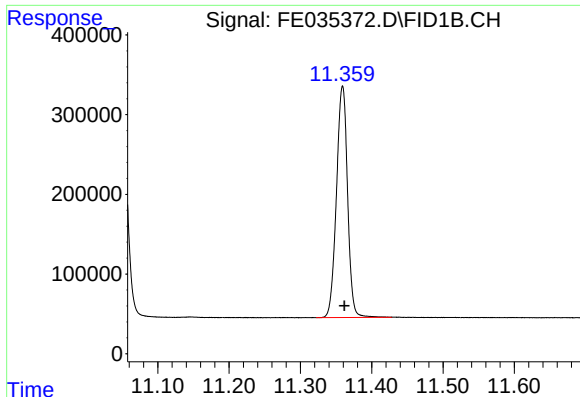
#7 n-Hexadecane (C16)

R.T.: 9.616 min
Delta R.T.: -0.005 min
Response: 2770684
Conc: 22.74 ug/ml



#8 n-Octadecane (C18)

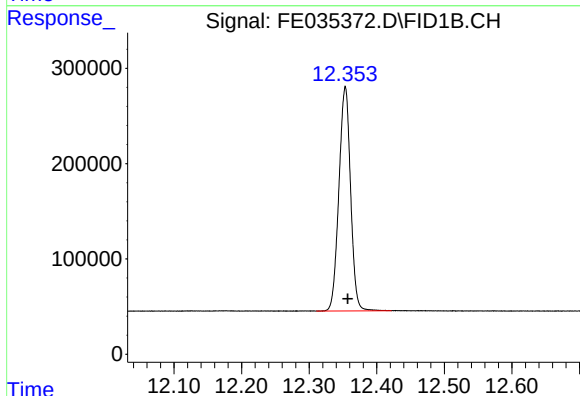
R.T.: 11.050 min
Delta R.T.: -0.004 min
Response: 2837140
Conc: 22.63 ug/ml



#9 ortho-Terphenyl (SURR)

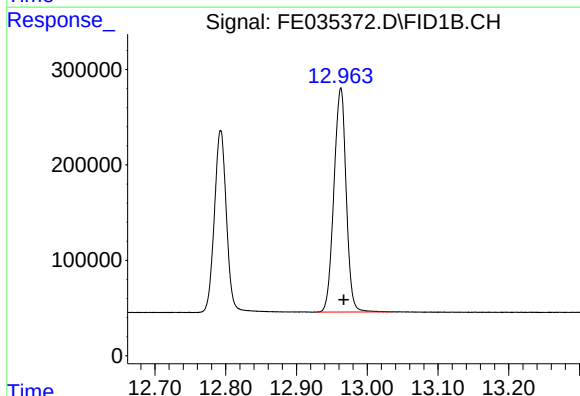
R.T.: 11.359 min
Delta R.T.: -0.002 min
Response: 3142228
Conc: 22.69 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



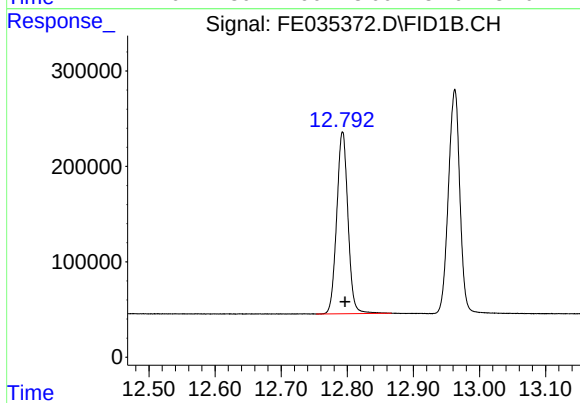
#10 n-Eicosane (C20)

R.T.: 12.354 min
Delta R.T.: -0.004 min
Response: 2818281
Conc: 22.29 ug/ml



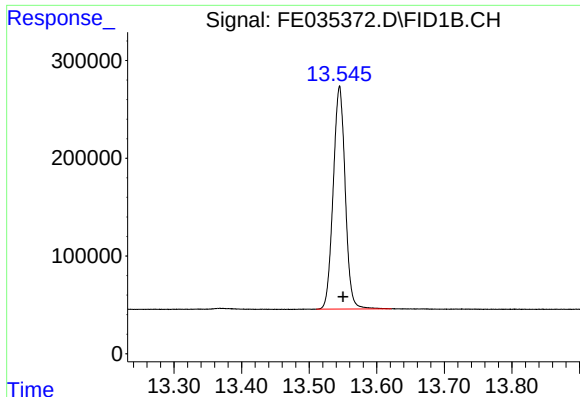
#11 n-Heneicosane (C21)

R.T.: 12.963 min
Delta R.T.: -0.004 min
Response: 2827244
Conc: 22.20 ug/ml



#12 1-chlorooctadecane (SURR)

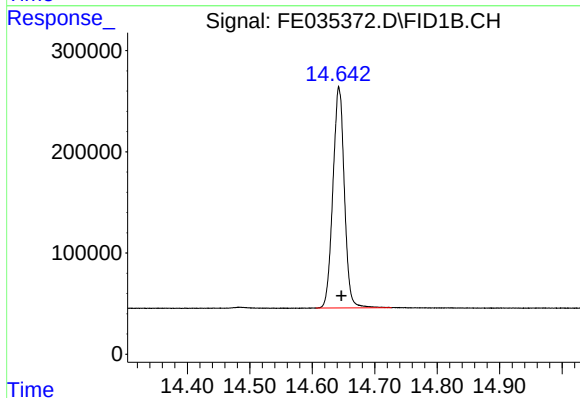
R.T.: 12.793 min
Delta R.T.: -0.004 min
Response: 2252552
Conc: 20.80 ug/ml



#13 n-Docosane (C22)

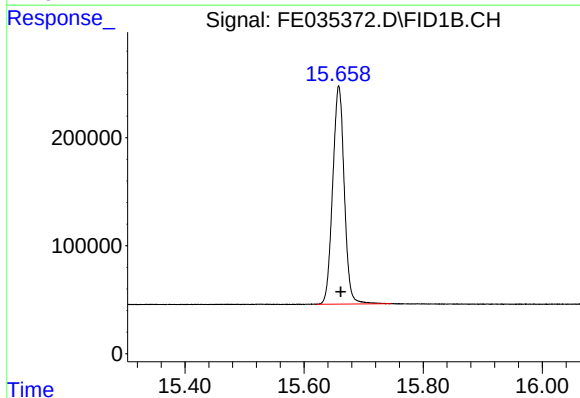
R.T.: 13.545 min
Delta R.T.: -0.005 min
Response: 2813493
Conc: 22.16 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



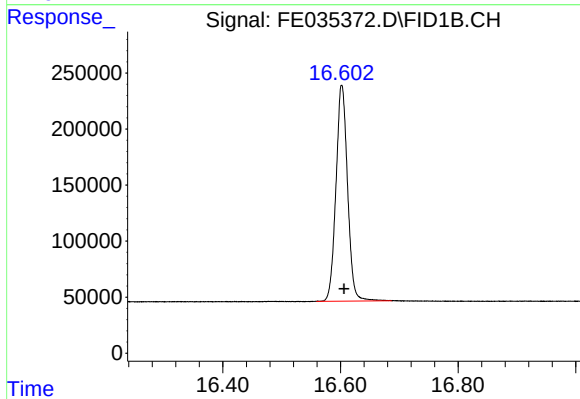
#14 n-Tetracosane (C24)

R.T.: 14.643 min
Delta R.T.: -0.004 min
Response: 2787473
Conc: 22.01 ug/ml



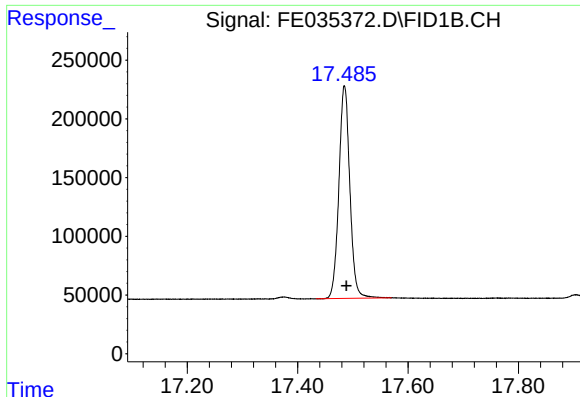
#15 n-Hexacosane (C26)

R.T.: 15.658 min
Delta R.T.: -0.003 min
Response: 2725637
Conc: 21.98 ug/ml



#16 n-Octacosane (C28)

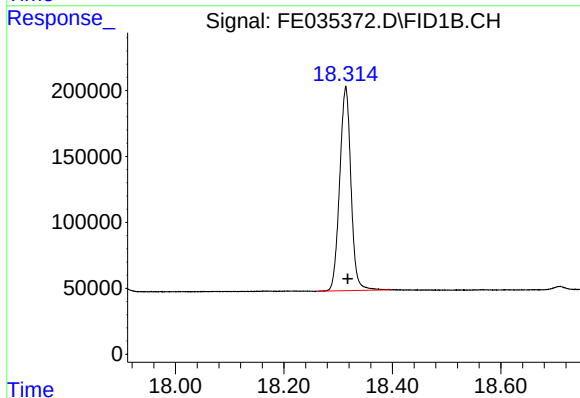
R.T.: 16.602 min
Delta R.T.: -0.004 min
Response: 2637904
Conc: 22.01 ug/ml



#17 n-Tricontane (C30)

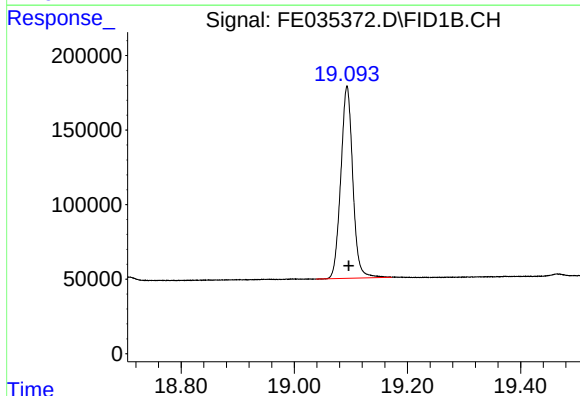
R.T.: 17.485 min
Delta R.T.: -0.003 min
Response: 2497710
Conc: 22.05 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



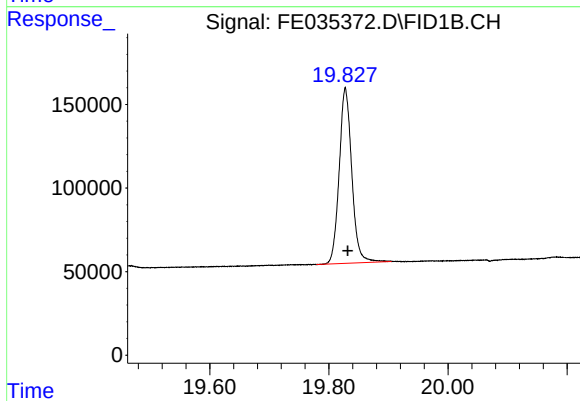
#18 n-Dotriacontane (C32)

R.T.: 18.314 min
Delta R.T.: -0.003 min
Response: 2230392
Conc: 21.90 ug/ml



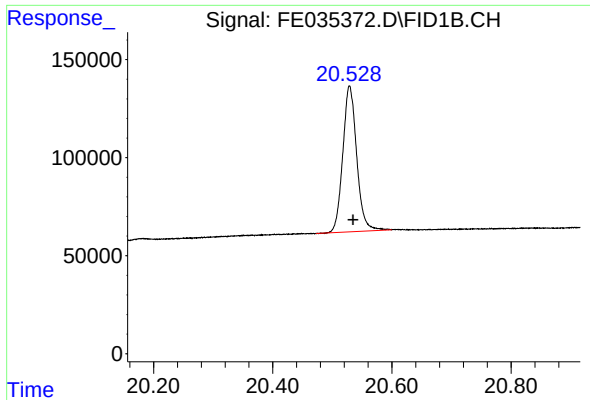
#19 n-Tetratriacontane (C34)

R.T.: 19.093 min
Delta R.T.: -0.003 min
Response: 1892851
Conc: 21.21 ug/ml



#20 n-Hexatriacontane (C36)

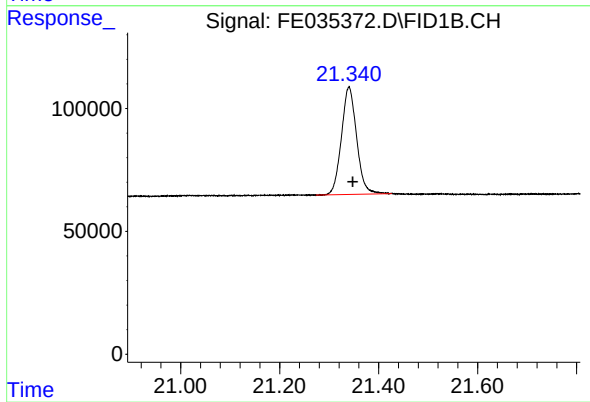
R.T.: 19.828 min
Delta R.T.: -0.004 min
Response: 1537519
Conc: 20.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.529 min
Delta R.T.: -0.006 min
Response: 1203828
Conc: 18.23 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.340 min
Delta R.T.: -0.007 min
Response: 933541
Conc: 15.26 ug/ml