

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010621AL\
 Data File : FD035941.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jan 2021 13:54
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 07 14:23:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 01:48:46 2020
 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)	11.477	2628264	19.885 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
12) S 1-chlorooctadecane (S...	12.908	2076366	19.622 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
Target Compounds			
1) T n-Nonane (C9)	3.282	2404269	21.190 ug/ml
2) T n-Decane (C10)	4.341	2430878	21.287 ug/ml
3) T A~Naphthalene (C11.7)	5.918	2548105	20.970 ug/ml
4) T n-Dodecane (C12)	6.348	2510654	21.222 ug/ml
5) T A~2-methylnaphthalene...	6.970	2577770	20.890 ug/ml
6) T n-Tetradecane (C14)	8.134	2500561	21.000 ug/ml
7) T n-Hexadecane (C16)	9.727	2440747	20.837 ug/ml
8) T n-Octadecane (C18)	11.163	2524879	20.441 ug/ml
10) T n-Eicosane (C20)	12.466	2495103	19.926 ug/ml
11) T n-Heneicosane (C21)	13.075	2458173	19.671 ug/ml
13) T n-Docosane (C22)	13.659	2417269	19.433 ug/ml
14) T n-Tetracosane (C24)	14.757	2342354	18.996 ug/ml
15) T n-Hexacosane (C26)	15.773	2244892	18.671 ug/ml
16) T n-Octacosane (C28)	16.718	2174592	18.548 ug/ml
17) T n-Tricontane (C30)	17.600	2096340	18.720 ug/ml
18) T n-Dotriacontane (C32)	18.428	1957761	19.274 ug/ml
19) T n-Tetratriacontane (C34)	19.208	1881072	20.053 ug/ml
20) T n-Hexatriacontane (C36)	19.941	1833189	21.045 ug/ml
21) T n-Octatriacontane (C38)	20.655	1762044	21.342 ug/ml
22) T n-Tetracontane (C40)	21.512	1784239	21.389 ug/ml

(f)=RT Delta > 1/2 Window

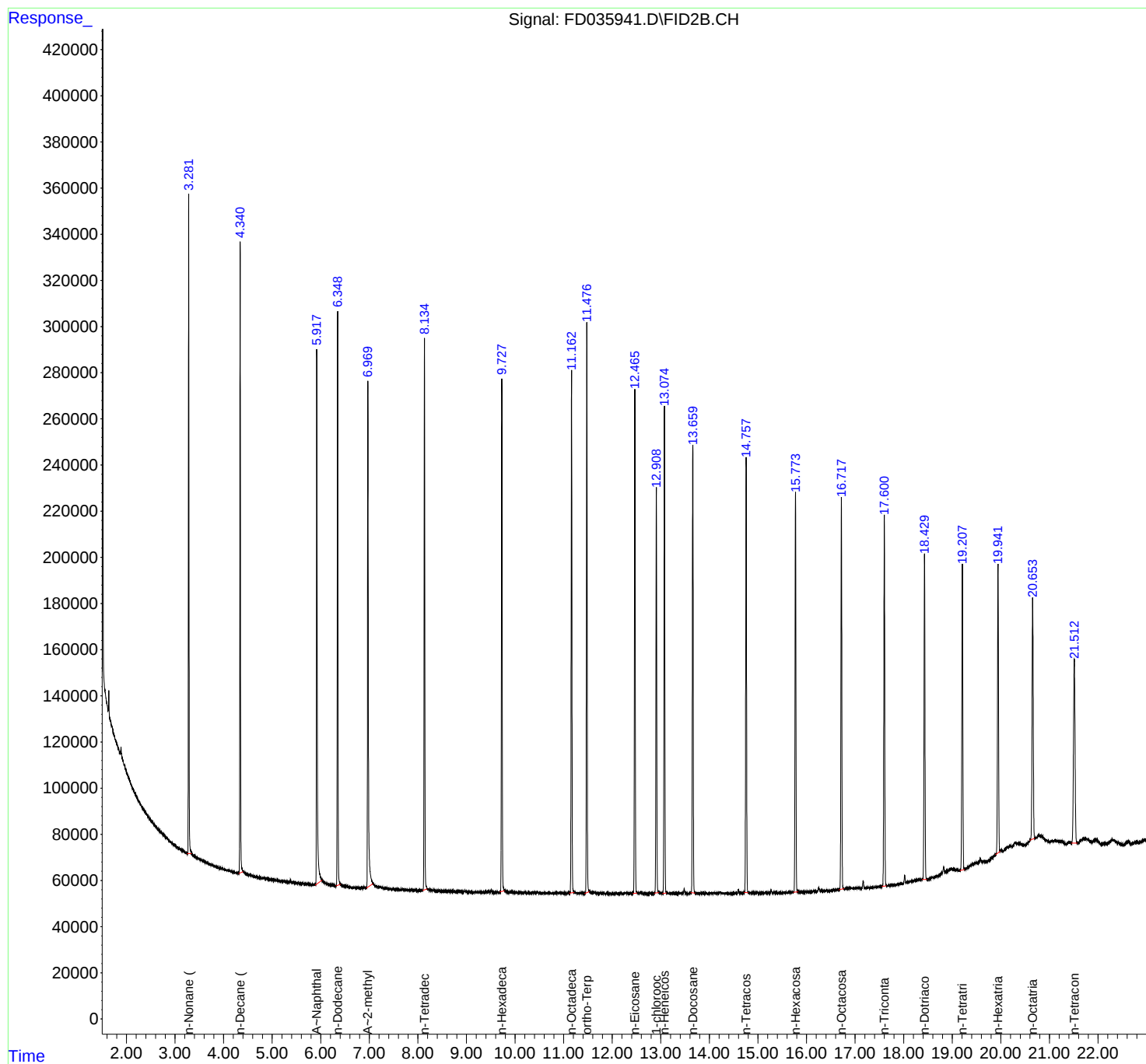
(m)=manual int.

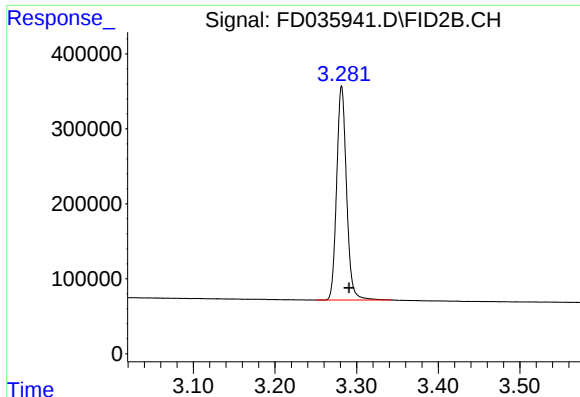
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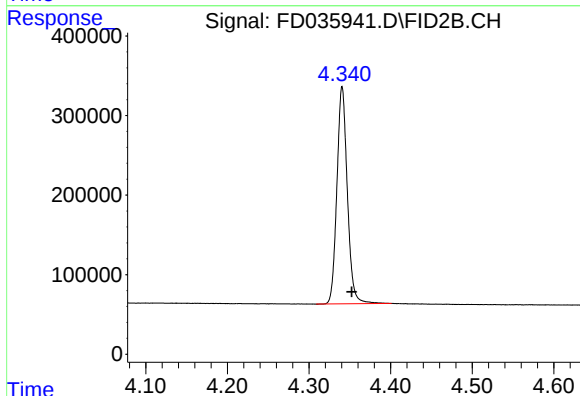




#1 n-Nonane (C9)

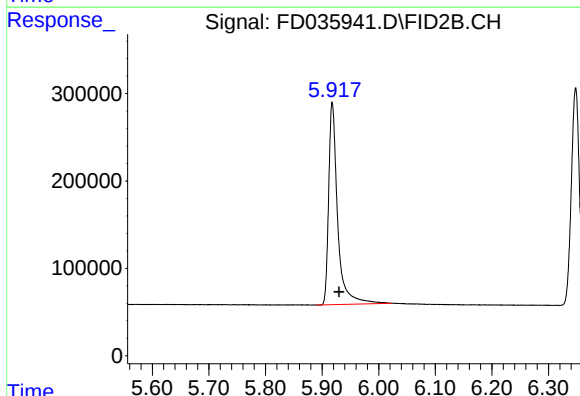
R.T.: 3.282 min
Delta R.T.: -0.009 min
Response: 2404269
Conc: 21.19 ug/ml

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20 PPM ALIPHATIC HC STD



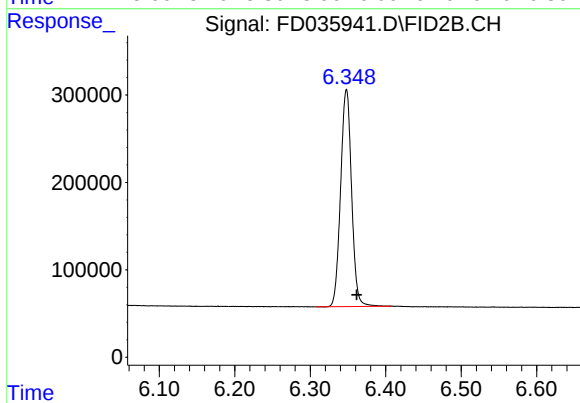
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: -0.012 min
Response: 2430878
Conc: 21.29 ug/ml



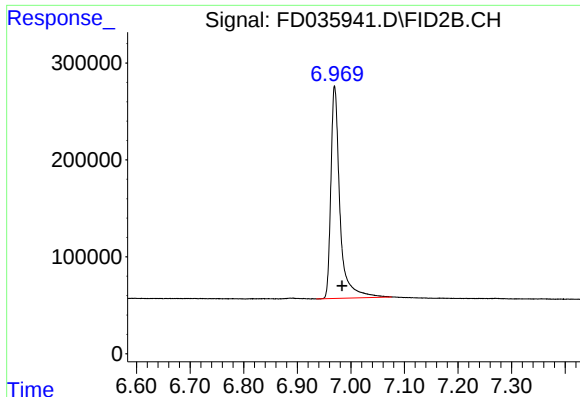
#3 A~Naphthalene (C11.7)

R.T.: 5.918 min
Delta R.T.: -0.012 min
Response: 2548105
Conc: 20.97 ug/ml



#4 n-Dodecane (C12)

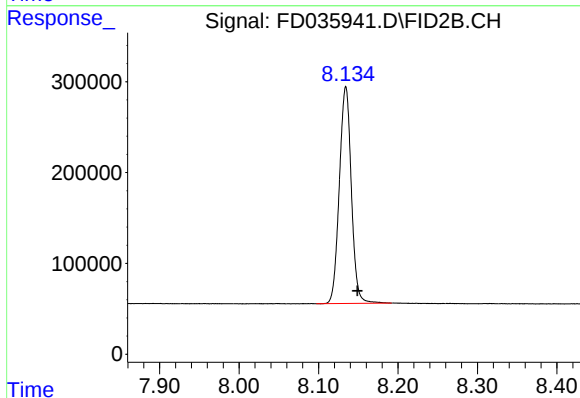
R.T.: 6.348 min
Delta R.T.: -0.013 min
Response: 2510654
Conc: 21.22 ug/ml



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

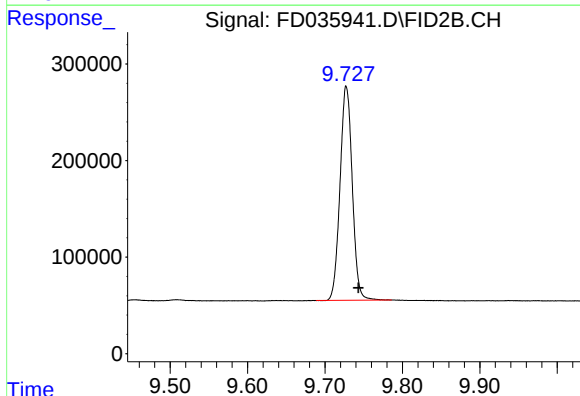
R.T.: 6.970 min
Delta R.T.: -0.014 min
Response: 2577770
Conc: 20.89 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



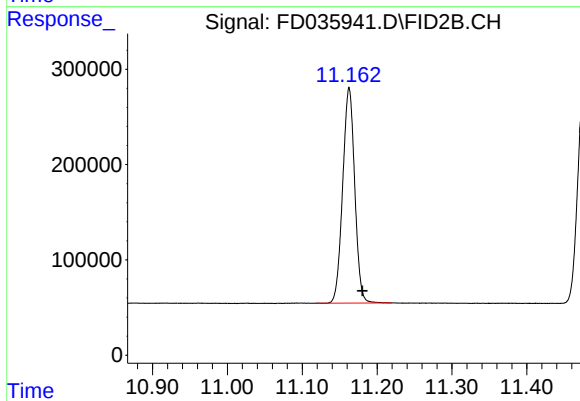
#6 n-Tetradecane (C14)

R.T.: 8.134 min
Delta R.T.: -0.015 min
Response: 2500561
Conc: 21.00 ug/ml



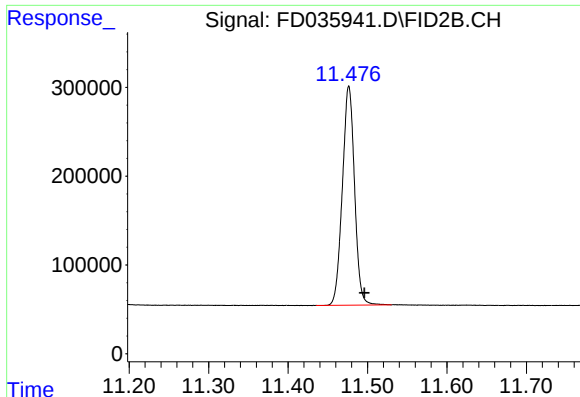
#7 n-Hexadecane (C16)

R.T.: 9.727 min
Delta R.T.: -0.016 min
Response: 2440747
Conc: 20.84 ug/ml



#8 n-Octadecane (C18)

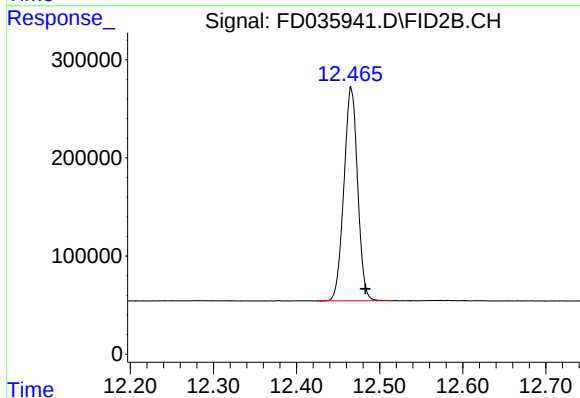
R.T.: 11.163 min
Delta R.T.: -0.018 min
Response: 2524879
Conc: 20.44 ug/ml



#9 ortho-Terphenyl (SURR)

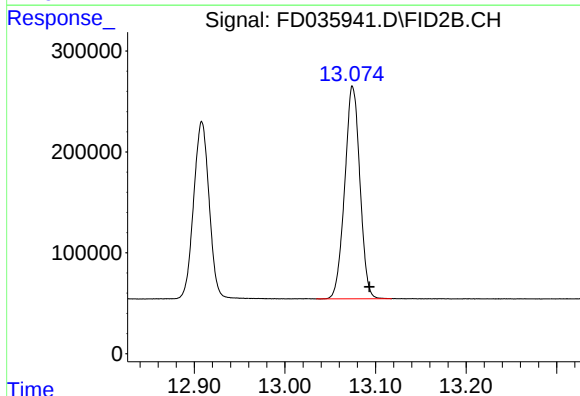
R.T.: 11.477 min
Delta R.T.: -0.019 min
Response: 2628264
Conc: 19.88 ug/ml

Instrument :
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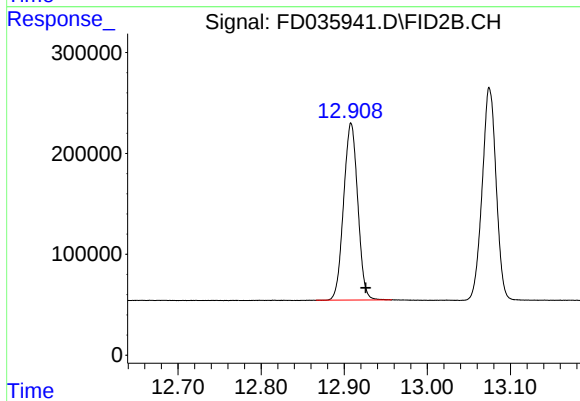
#10 n-Eicosane (C20)

R.T.: 12.466 min
Delta R.T.: -0.017 min
Response: 2495103
Conc: 19.93 ug/ml



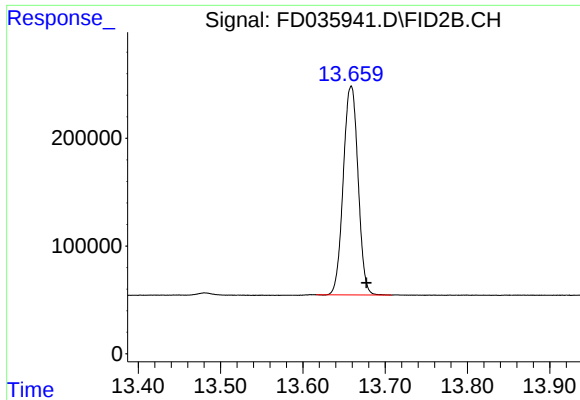
#11 n-Heneicosane (C21)

R.T.: 13.075 min
Delta R.T.: -0.019 min
Response: 2458173
Conc: 19.67 ug/ml



#12 1-chlorooctadecane (SURR)

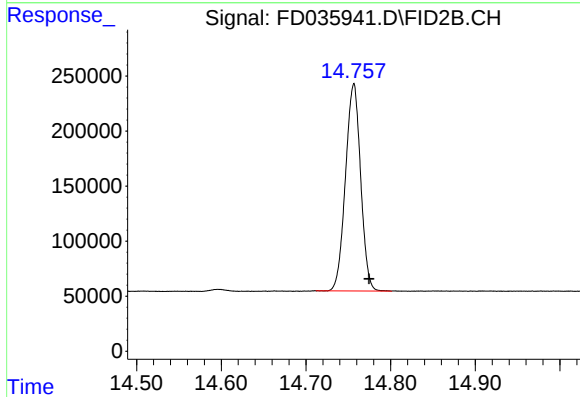
R.T.: 12.908 min
Delta R.T.: -0.018 min
Response: 2076366
Conc: 19.62 ug/ml



#13 n-Docosane (C22)

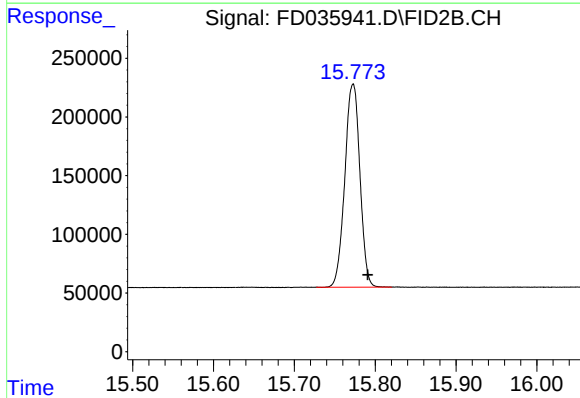
R.T.: 13.659 min
Delta R.T.: -0.019 min
Response: 2417269
Conc: 19.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



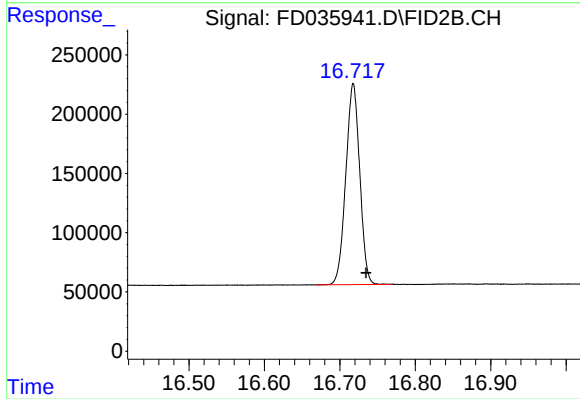
#14 n-Tetracosane (C24)

R.T.: 14.757 min
Delta R.T.: -0.018 min
Response: 2342354
Conc: 19.00 ug/ml



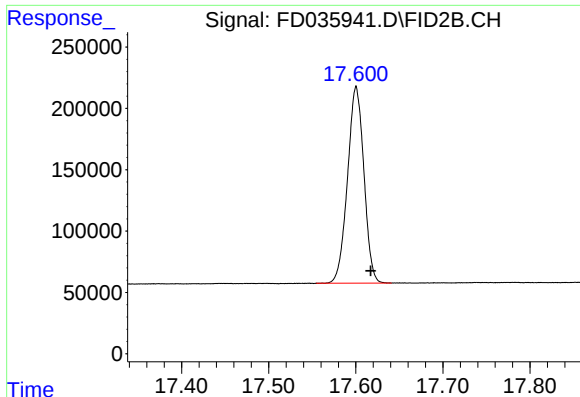
#15 n-Hexacosane (C26)

R.T.: 15.773 min
Delta R.T.: -0.018 min
Response: 2244892
Conc: 18.67 ug/ml



#16 n-Octacosane (C28)

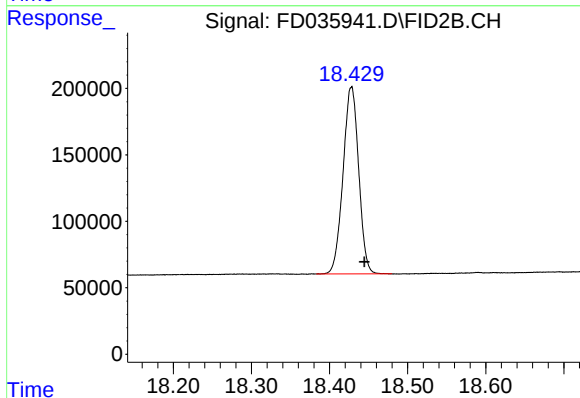
R.T.: 16.718 min
Delta R.T.: -0.017 min
Response: 2174592
Conc: 18.55 ug/ml



#17 n-Tricontane (C30)

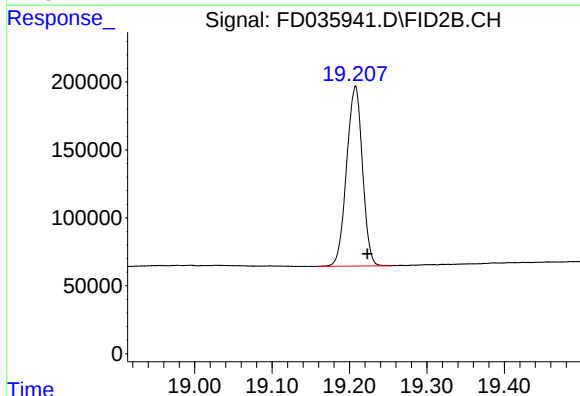
R.T.: 17.600 min
Delta R.T.: -0.017 min
Response: 2096340
Conc: 18.72 ug/ml

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20 PPM ALIPHATIC HC STD



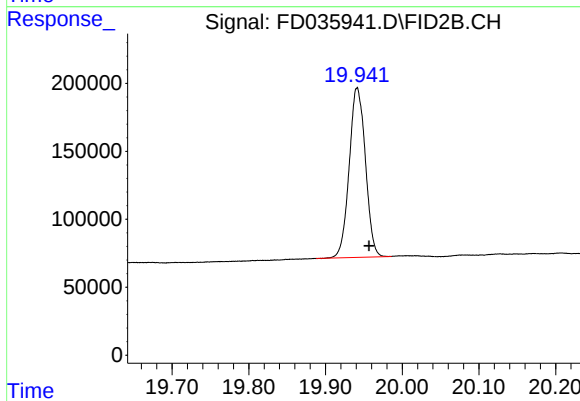
#18 n-Dotriacontane (C32)

R.T.: 18.428 min
Delta R.T.: -0.017 min
Response: 1957761
Conc: 19.27 ug/ml



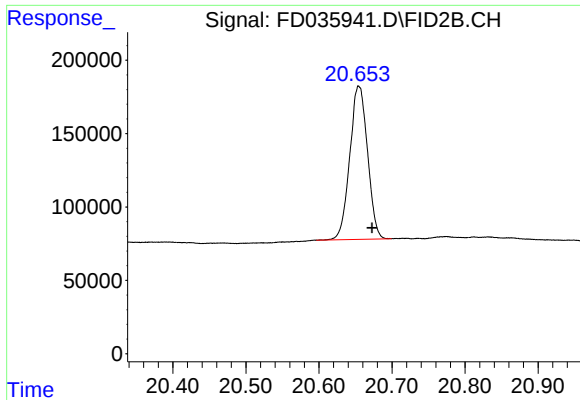
#19 n-Tetratriacontane (C34)

R.T.: 19.208 min
Delta R.T.: -0.016 min
Response: 1881072
Conc: 20.05 ug/ml



#20 n-Hexatriacontane (C36)

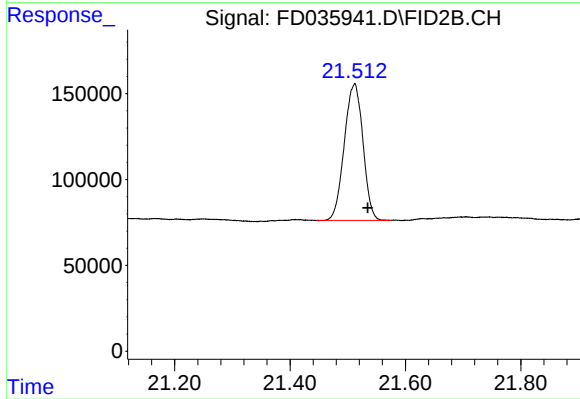
R.T.: 19.941 min
Delta R.T.: -0.015 min
Response: 1833189
Conc: 21.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.655 min
Delta R.T.: -0.018 min
Response: 1762044
Conc: 21.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.512 min
Delta R.T.: -0.022 min
Response: 1784239
Conc: 21.39 ug/ml