

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070120AL\
 Data File : FC048206.D
 Signal(s) : FID1A.CH
 Acq On : 02 Jul 2020 3:06
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 02 03:33:40 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 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)	11.717	2348368	19.577 ug/ml
Spiked Amount 50.000		Recovery =	39.15%
12) S 1-chlorooctadecane (S...	13.129	1909505	19.498 ug/ml
Spiked Amount 50.000		Recovery =	39.00%
Target Compounds			
1) T n-Nonane (C9)	3.532	2151936	21.504 ug/ml
2) T n-Decane (C10)	4.594	2191178	21.808 ug/ml
3) T A~Naphthalene (C11.7)	6.195	2151327	21.322 ug/ml
4) T n-Dodecane (C12)	6.592	2284410	21.822 ug/ml
5) T A~2-methylnaphthalene...	7.242	2154144	20.812 ug/ml
6) T n-Tetradecane (C14)	8.368	2292202	21.840 ug/ml
7) T n-Hexadecane (C16)	9.954	2254094	21.575 ug/ml
8) T n-Octadecane (C18)	11.383	2313332	20.811 ug/ml
10) T n-Eicosane (C20)	12.682	2273591	19.978 ug/ml
11) T n-Heneicosane (C21)	13.290	2235927	19.539 ug/ml
13) T n-Docosane (C22)	13.873	2193984	19.127 ug/ml
14) T n-Tetracosane (C24)	14.967	2111361	18.373 ug/ml
15) T n-Hexacosane (C26)	15.982	2011190	17.607 ug/ml
16) T n-Octacosane (C28)	16.924	1983831	17.454 ug/ml
17) T n-Tricontane (C30)	17.805	1966394	17.942 ug/ml
18) T n-Dotriacontane (C32)	18.633	1868698	18.850 ug/ml
19) T n-Tetratriacontane (C34)	19.412	1782761	19.466 ug/ml
20) T n-Hexatriacontane (C36)	20.146	1711457	19.957 ug/ml
21) T n-Octatriacontane (C38)	20.897	1629191	20.458 ug/ml
22) T n-Tetracontane (C40)	21.830	1688895	21.361 ug/ml

(f)=RT Delta > 1/2 Window

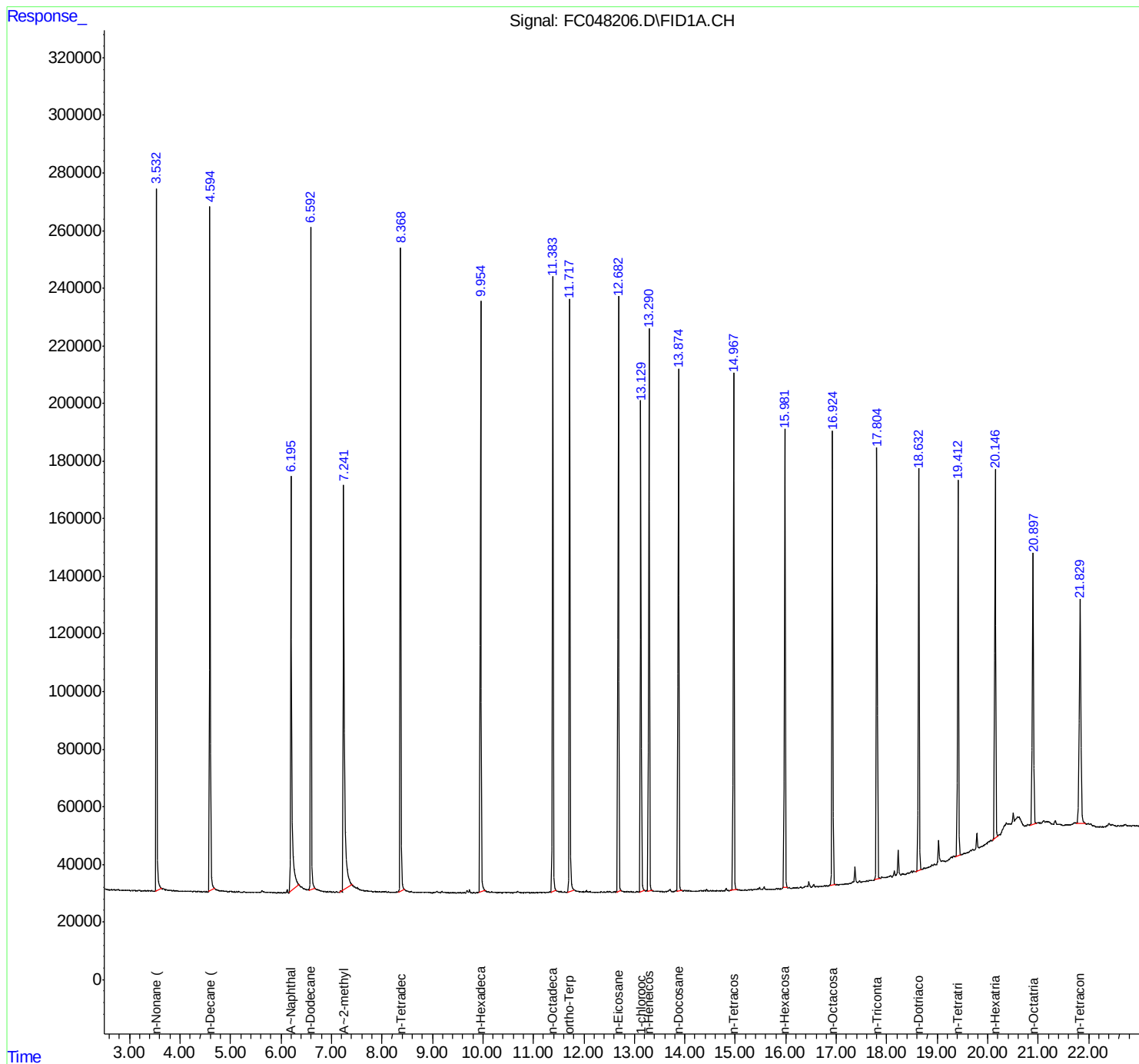
(m)=manual int.

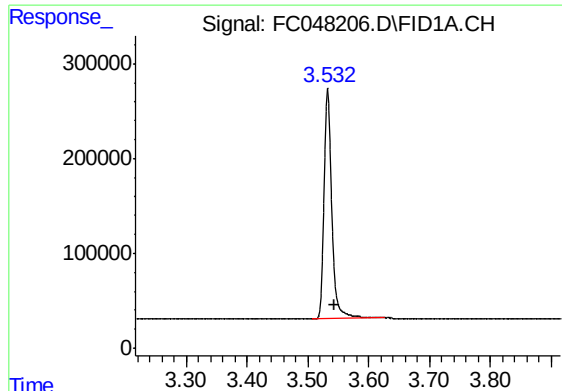
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070120AL\
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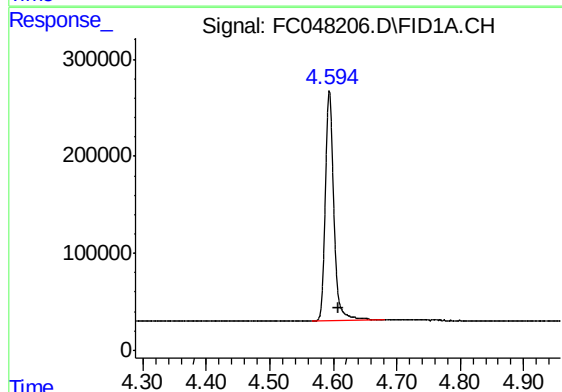




#1 n-Nonane (C9)

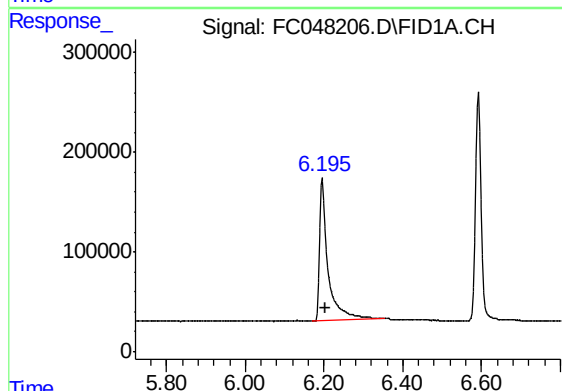
R.T.: 3.532 min
Delta R.T.: -0.012 min
Response: 2151936
Conc: 21.50 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



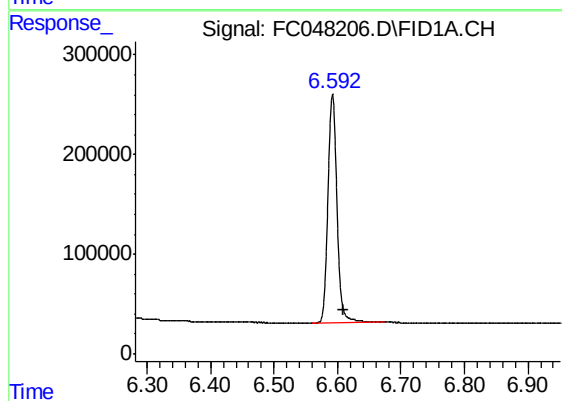
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: -0.014 min
Response: 2191178
Conc: 21.81 ug/ml



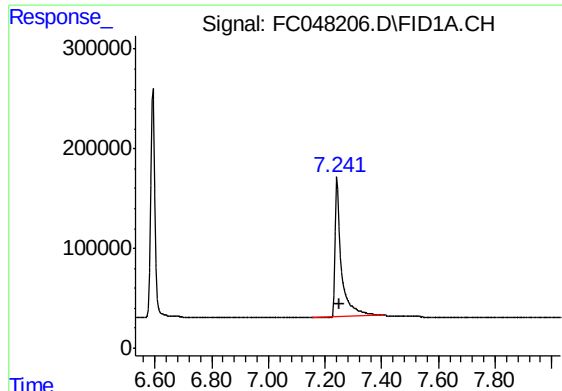
#3 A~Naphthalene (C11.7)

R.T.: 6.195 min
Delta R.T.: -0.009 min
Response: 2151327
Conc: 21.32 ug/ml



#4 n-Dodecane (C12)

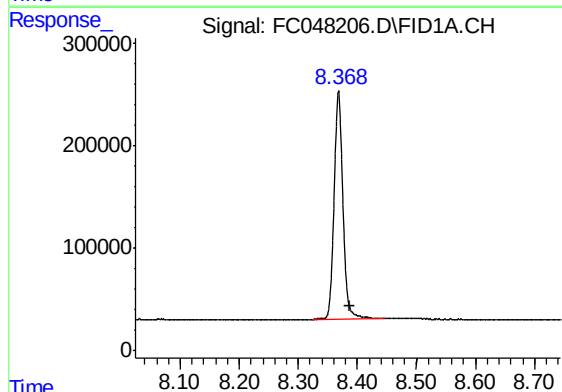
R.T.: 6.592 min
Delta R.T.: -0.018 min
Response: 2284410
Conc: 21.82 ug/ml



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

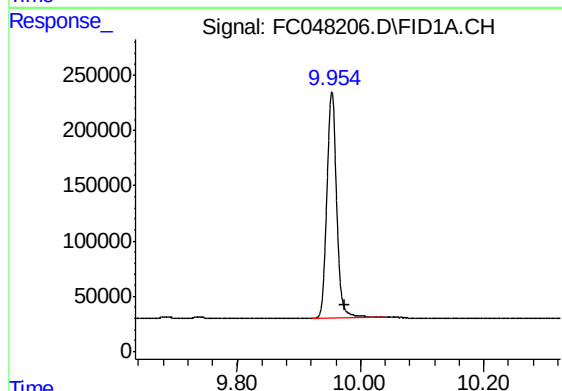
R.T.: 7.242 min
Delta R.T.: -0.011 min
Response: 2154144
Conc: 20.81 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



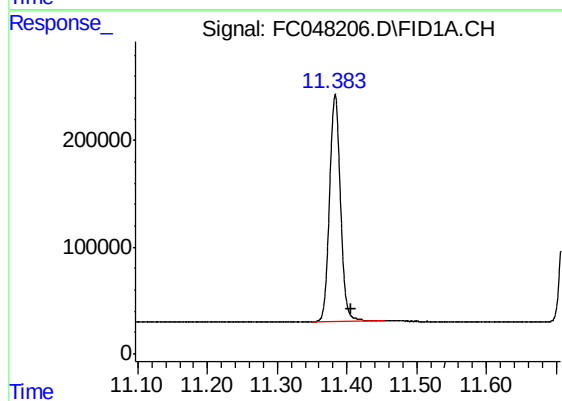
#6 n-Tetradecane (C14)

R.T.: 8.368 min
Delta R.T.: -0.019 min
Response: 2292202
Conc: 21.84 ug/ml



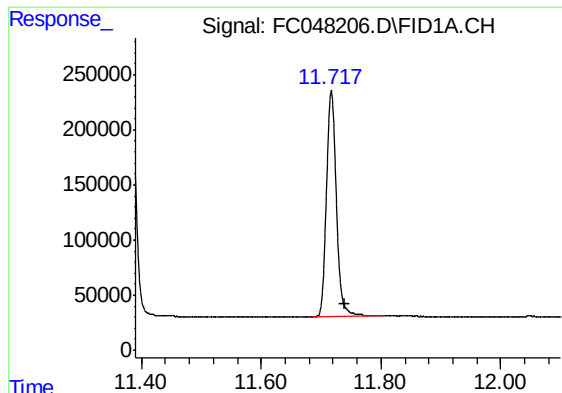
#7 n-Hexadecane (C16)

R.T.: 9.954 min
Delta R.T.: -0.020 min
Response: 2254094
Conc: 21.57 ug/ml



#8 n-Octadecane (C18)

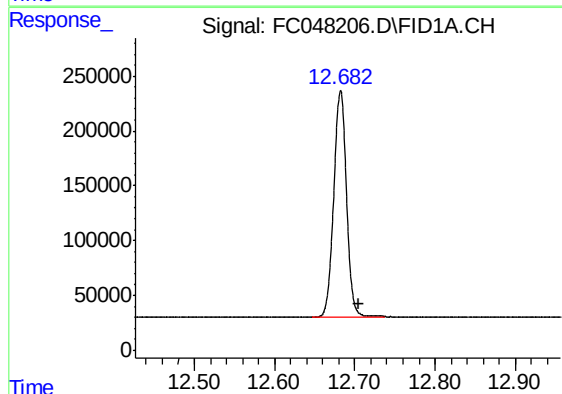
R.T.: 11.383 min
Delta R.T.: -0.023 min
Response: 2313332
Conc: 20.81 ug/ml



#9 ortho-Terphenyl (SURR)

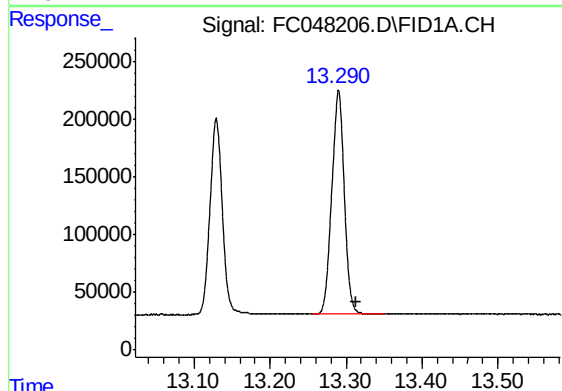
R.T.: 11.717 min
Delta R.T.: -0.022 min
Response: 2348368
Conc: 19.58 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



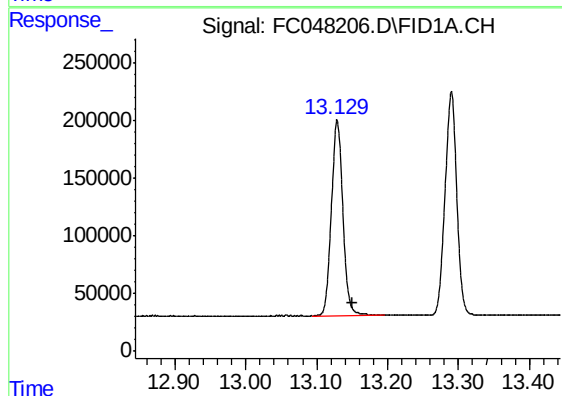
#10 n-Eicosane (C20)

R.T.: 12.682 min
Delta R.T.: -0.022 min
Response: 2273591
Conc: 19.98 ug/ml



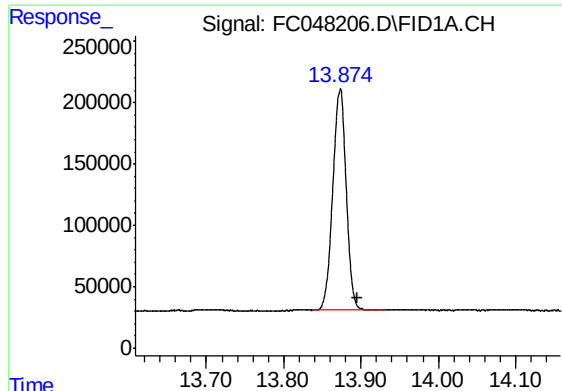
#11 n-Heneicosane (C21)

R.T.: 13.290 min
Delta R.T.: -0.022 min
Response: 2235927
Conc: 19.54 ug/ml



#12 1-chlorooctadecane (SURR)

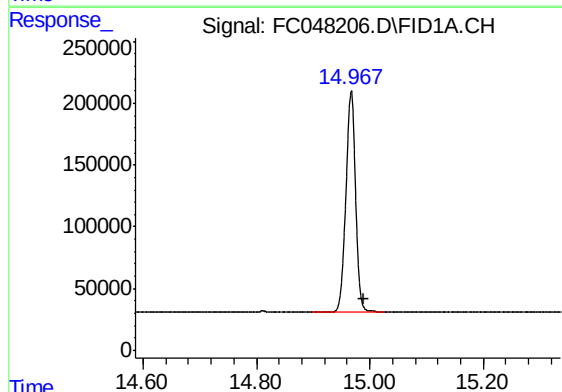
R.T.: 13.129 min
Delta R.T.: -0.021 min
Response: 1909505
Conc: 19.50 ug/ml



#13 n-Docosane (C22)

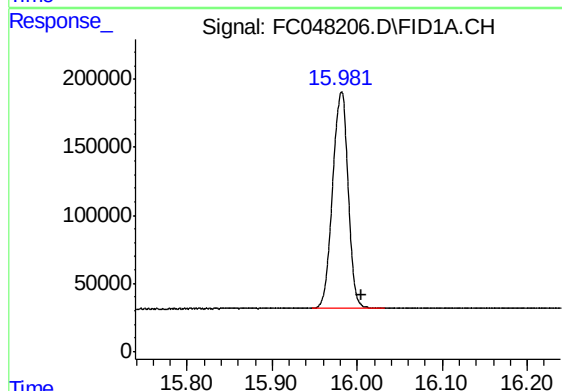
R.T.: 13.873 min
Delta R.T.: -0.022 min
Response: 2193984
Conc: 19.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



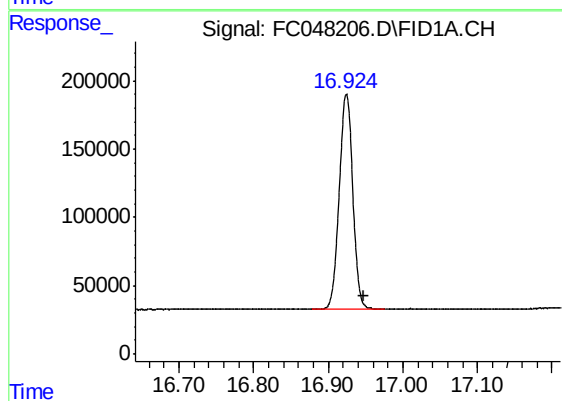
#14 n-Tetracosane (C24)

R.T.: 14.967 min
Delta R.T.: -0.023 min
Response: 2111361
Conc: 18.37 ug/ml



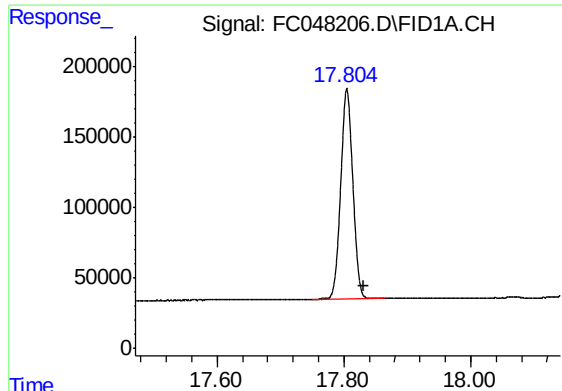
#15 n-Hexacosane (C26)

R.T.: 15.982 min
Delta R.T.: -0.023 min
Response: 2011190
Conc: 17.61 ug/ml



#16 n-Octacosane (C28)

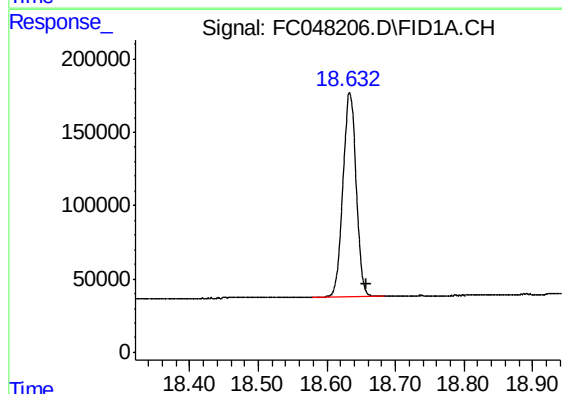
R.T.: 16.924 min
Delta R.T.: -0.024 min
Response: 1983831
Conc: 17.45 ug/ml



#17 n-Tricontane (C30)

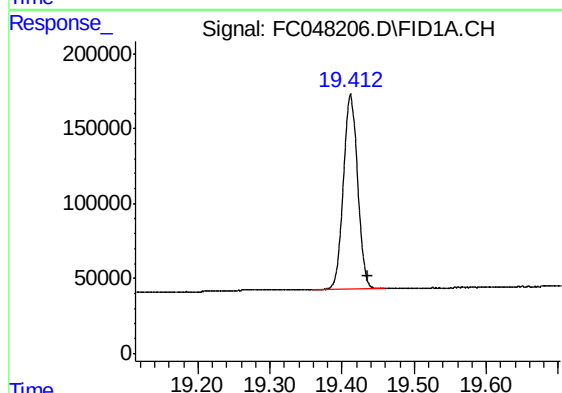
R.T.: 17.805 min
Delta R.T.: -0.026 min
Response: 1966394
Conc: 17.94 ug/ml

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20 PPM ALIPHATIC HC STD



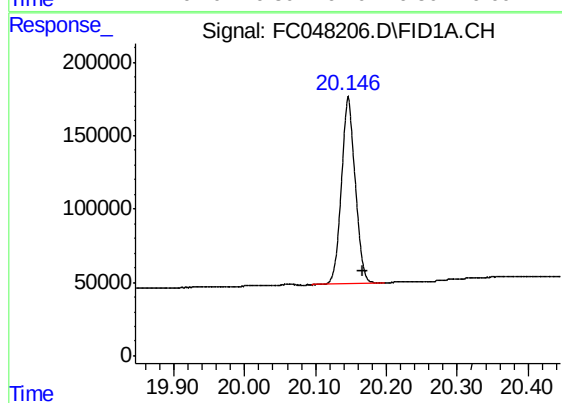
#18 n-Dotriacontane (C32)

R.T.: 18.633 min
Delta R.T.: -0.025 min
Response: 1868698
Conc: 18.85 ug/ml



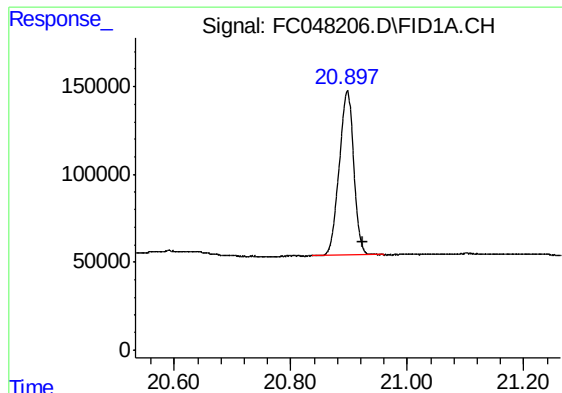
#19 n-Tetatriacontane (C34)

R.T.: 19.412 min
Delta R.T.: -0.024 min
Response: 1782761
Conc: 19.47 ug/ml



#20 n-Hexatriacontane (C36)

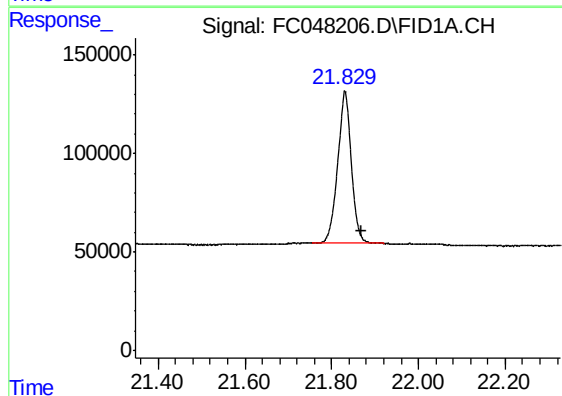
R.T.: 20.146 min
Delta R.T.: -0.021 min
Response: 1711457
Conc: 19.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.897 min
Delta R.T.: -0.026 min
Response: 1629191
Conc: 20.46 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.830 min
Delta R.T.: -0.038 min
Response: 1688895
Conc: 21.36 ug/ml