

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061920AL\
 Data File : FC047973.D
 Signal(s) : FID1A.CH
 Acq On : 20 Jun 2020 4:22
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 20 05:05:04 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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)	11.727	2203043	18.365 ug/ml
Spiked Amount 50.000		Recovery =	36.73%
12) S 1-chlorooctadecane (S...	13.140	1758834	17.959 ug/ml
Spiked Amount 50.000		Recovery =	35.92%
Target Compounds			
1) T n-Nonane (C9)	3.538	2104628	21.031 ug/ml
2) T n-Decane (C10)	4.600	2126955	21.169 ug/ml
3) T A-Naphthalene (C11.7)	6.199	2100350	20.817 ug/ml
4) T n-Dodecane (C12)	6.600	2198656	21.003 ug/ml
5) T A~2-methylnaphthalene...	7.247	2115460	20.438 ug/ml
6) T n-Tetradecane (C14)	8.377	2172721	20.701 ug/ml
7) T n-Hexadecane (C16)	9.963	2115550	20.249 ug/ml
8) T n-Octadecane (C18)	11.394	2154278	19.380 ug/ml
10) T n-Eicosane (C20)	12.692	2104399	18.492 ug/ml
11) T n-Heneicosane (C21)	13.301	2067357	18.066 ug/ml
13) T n-Docosane (C22)	13.883	2022783	17.634 ug/ml
14) T n-Tetracosane (C24)	14.979	1946729	16.941 ug/ml
15) T n-Hexacosane (C26)	15.993	1875422	16.419 ug/ml
16) T n-Octacosane (C28)	16.937	1850500	16.281 ug/ml
17) T n-Tricontane (C30)	17.818	1813874	16.550 ug/ml
18) T n-Dotriacontane (C32)	18.644	1689910	17.047 ug/ml
19) T n-Tetratriacontane (C34)	19.425	1618371	17.671 ug/ml
20) T n-Hexatriacontane (C36)	20.160	1616692	18.852 ug/ml
21) T n-Octatriacontane (C38)	20.911	1514372	19.016 ug/ml
22) T n-Tetracontane (C40)	21.851	1557480	19.698 ug/ml

(f)=RT Delta > 1/2 Window

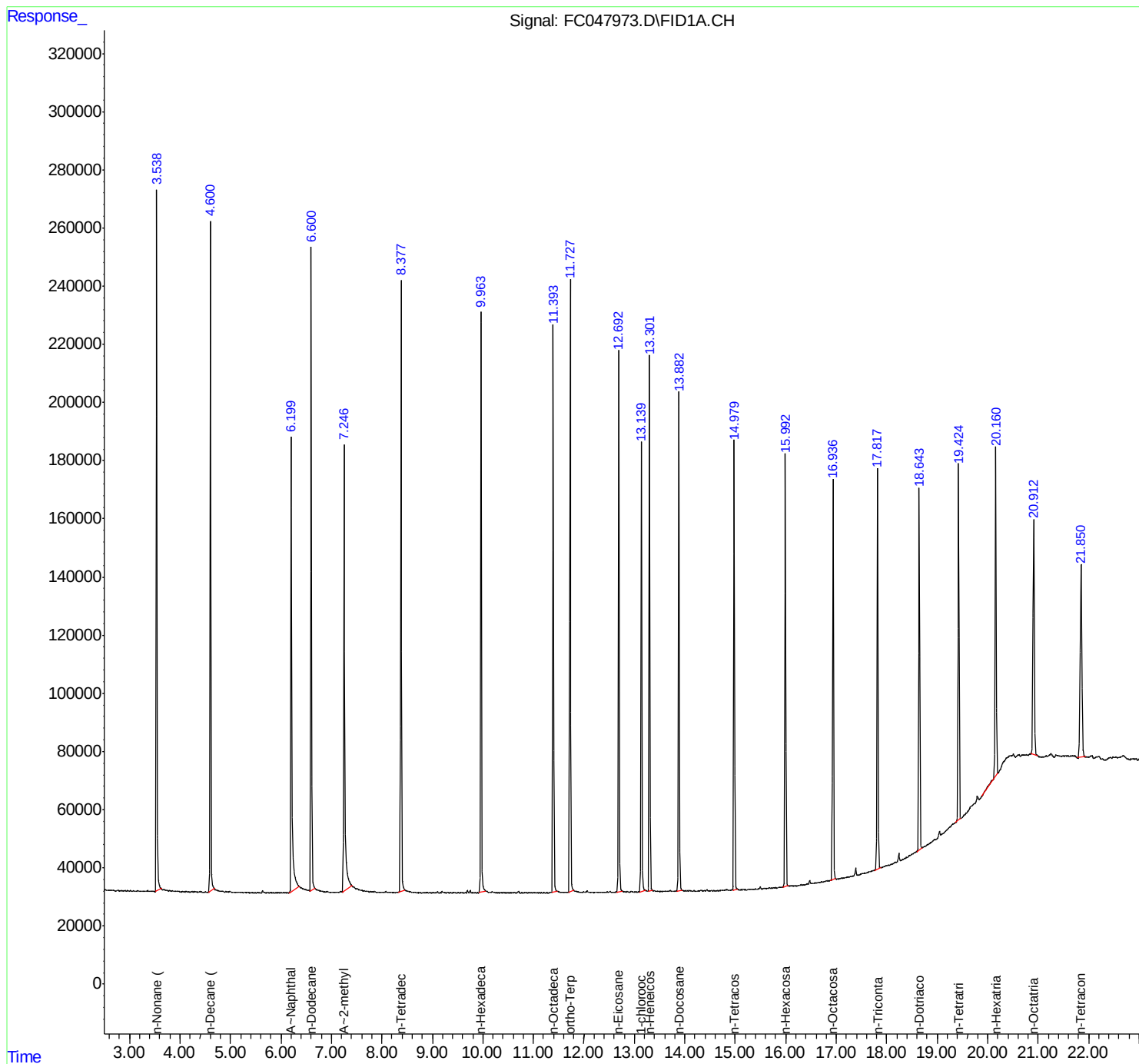
(m)=manual int.

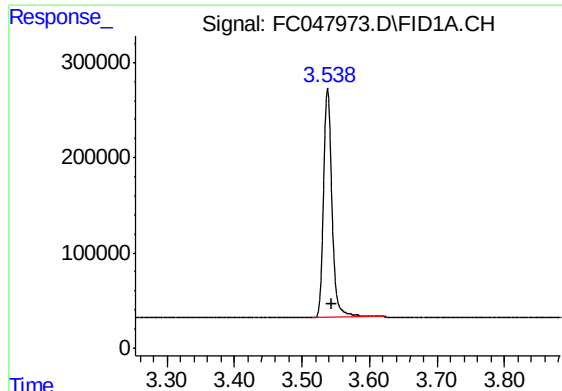
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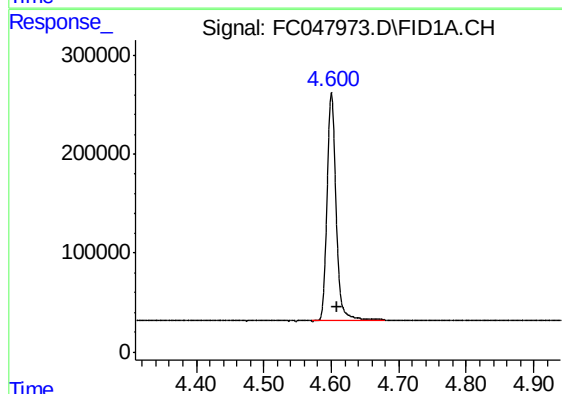




#1 n-Nonane (C9)

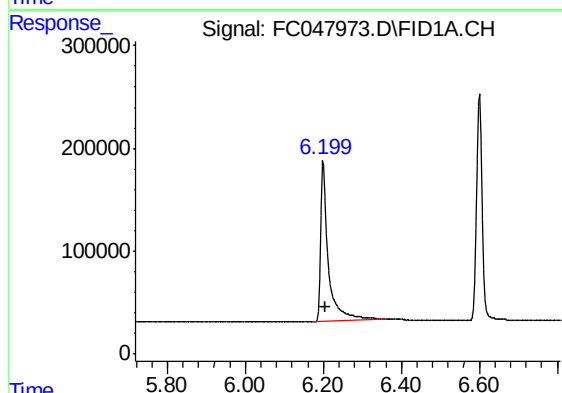
R.T.: 3.538 min
Delta R.T.: -0.006 min
Response: 2104628
Conc: 21.03 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



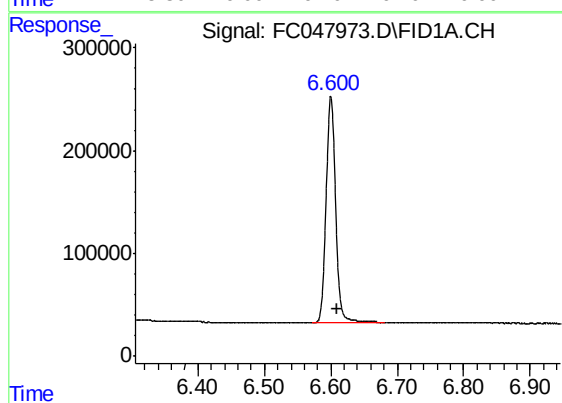
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: -0.008 min
Response: 2126955
Conc: 21.17 ug/ml



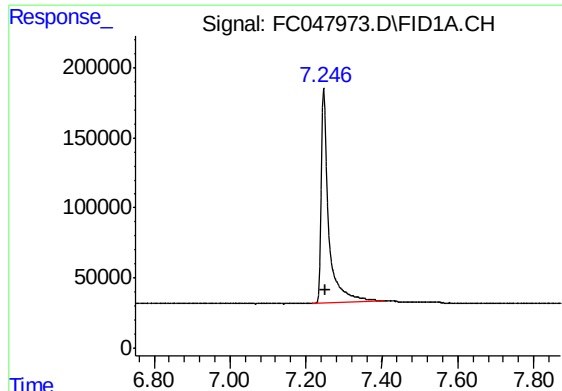
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: -0.005 min
Response: 2100350
Conc: 20.82 ug/ml



#4 n-Dodecane (C12)

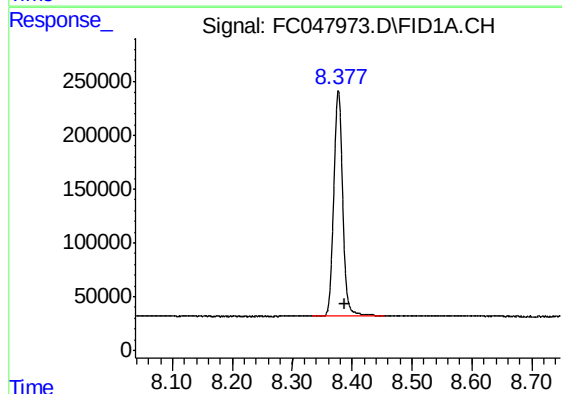
R.T.: 6.600 min
Delta R.T.: -0.010 min
Response: 2198656
Conc: 21.00 ug/ml



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

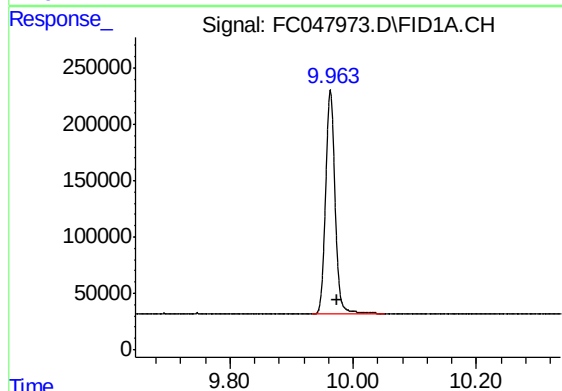
R.T.: 7.247 min
Delta R.T.: -0.006 min
Response: 2115460
Conc: 20.44 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



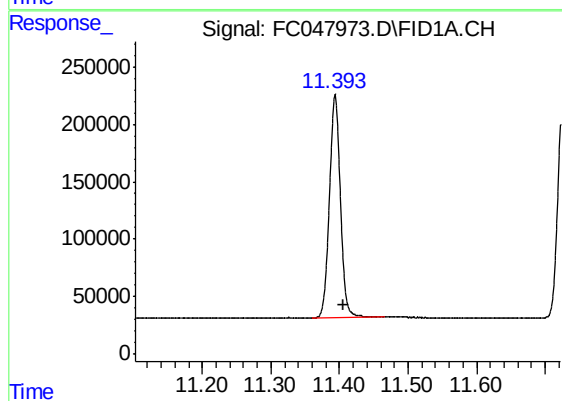
#6 n-Tetradecane (C14)

R.T.: 8.377 min
Delta R.T.: -0.010 min
Response: 2172721
Conc: 20.70 ug/ml



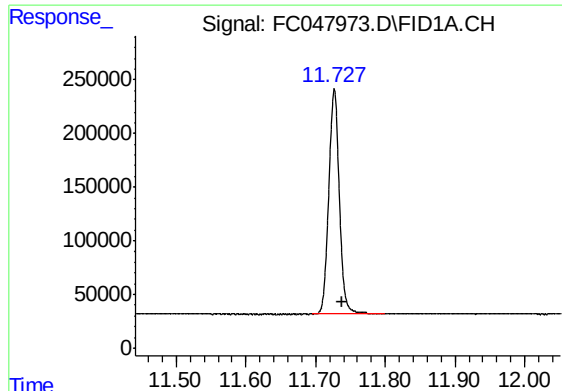
#7 n-Hexadecane (C16)

R.T.: 9.963 min
Delta R.T.: -0.011 min
Response: 2115550
Conc: 20.25 ug/ml



#8 n-Octadecane (C18)

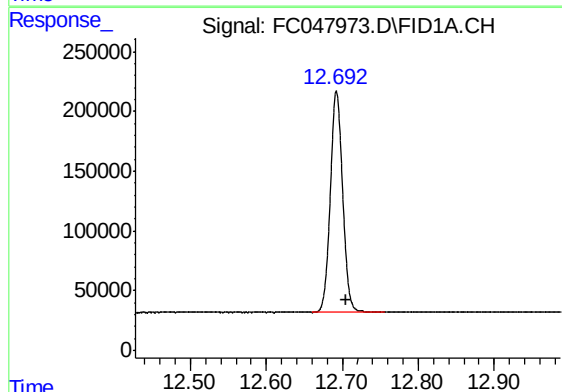
R.T.: 11.394 min
Delta R.T.: -0.012 min
Response: 2154278
Conc: 19.38 ug/ml



#9 ortho-Terphenyl (SURR)

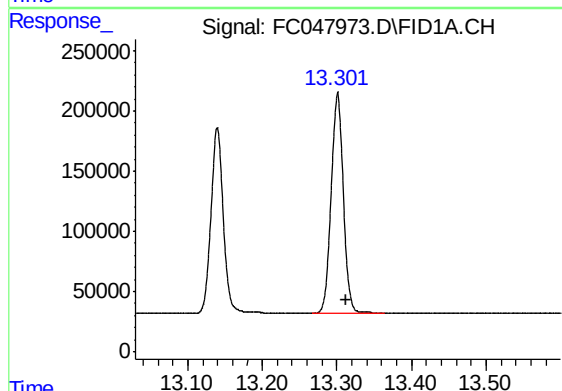
R.T.: 11.727 min
Delta R.T.: -0.012 min
Response: 2203043
Conc: 18.37 ug/ml

Instrument :
FID_C
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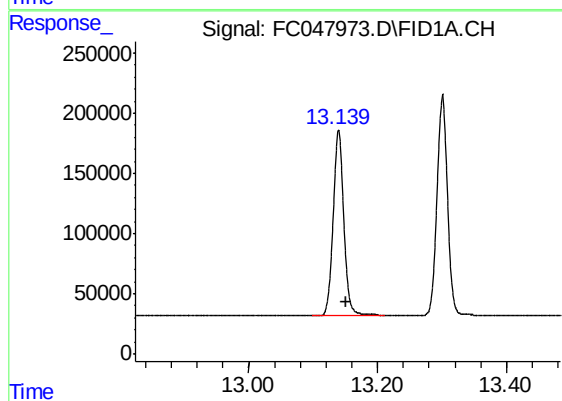
#10 n-Eicosane (C20)

R.T.: 12.692 min
Delta R.T.: -0.013 min
Response: 2104399
Conc: 18.49 ug/ml



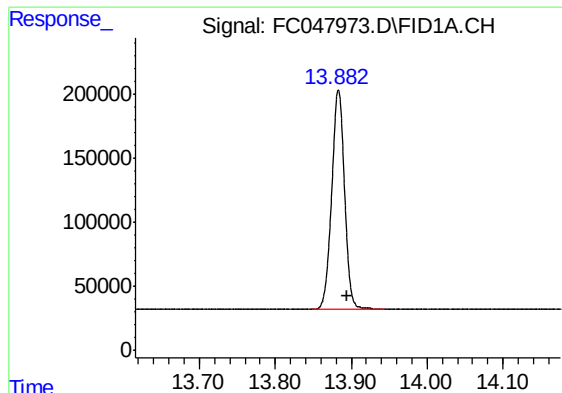
#11 n-Heneicosane (C21)

R.T.: 13.301 min
Delta R.T.: -0.012 min
Response: 2067357
Conc: 18.07 ug/ml



#12 1-chlorooctadecane (SURR)

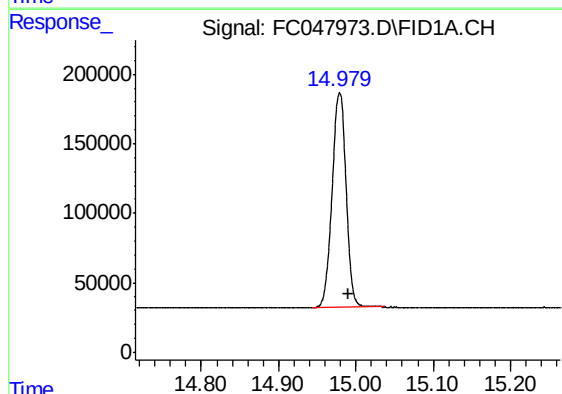
R.T.: 13.140 min
Delta R.T.: -0.010 min
Response: 1758834
Conc: 17.96 ug/ml



#13 n-Docosane (C22)

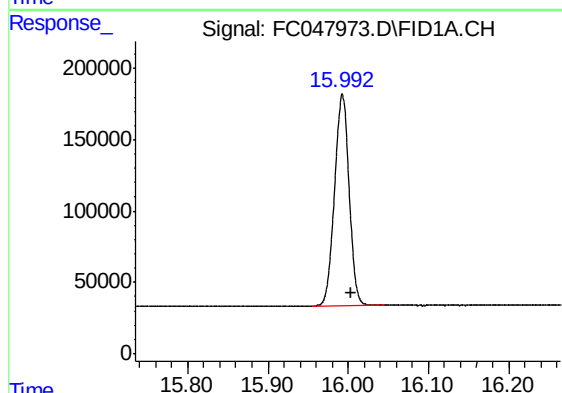
R.T.: 13.883 min
Delta R.T.: -0.012 min
Response: 2022783
Conc: 17.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



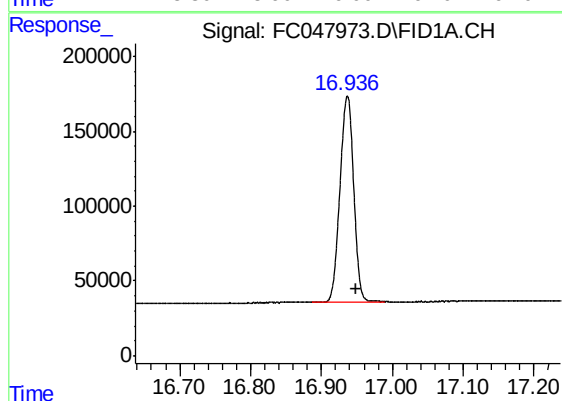
#14 n-Tetracosane (C24)

R.T.: 14.979 min
Delta R.T.: -0.011 min
Response: 1946729
Conc: 16.94 ug/ml



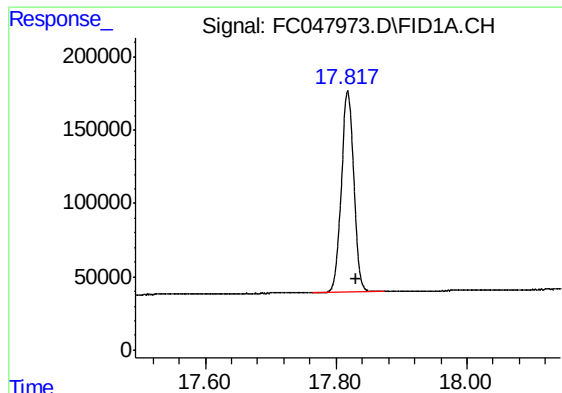
#15 n-Hexacosane (C26)

R.T.: 15.993 min
Delta R.T.: -0.011 min
Response: 1875422
Conc: 16.42 ug/ml



#16 n-Octacosane (C28)

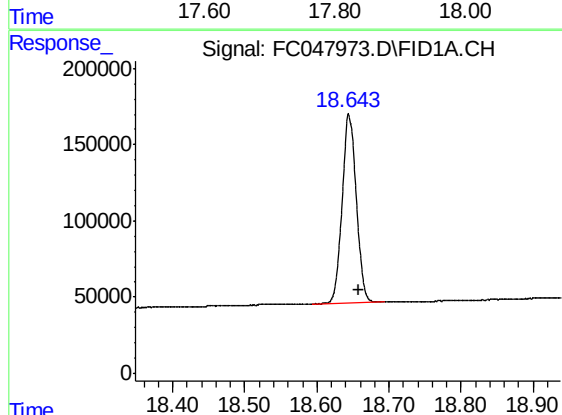
R.T.: 16.937 min
Delta R.T.: -0.012 min
Response: 1850500
Conc: 16.28 ug/ml



#17 n-Tricontane (C30)

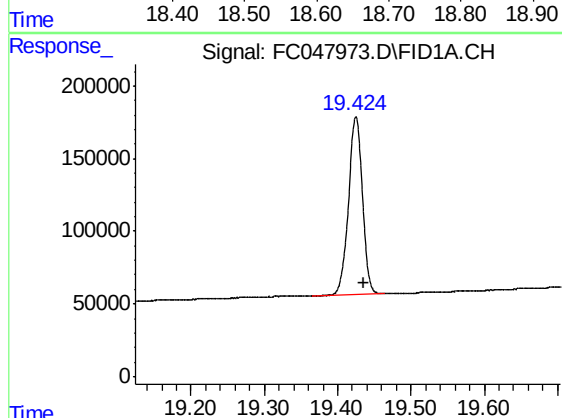
R.T.: 17.818 min
Delta R.T.: -0.013 min
Response: 1813874
Conc: 16.55 ug/ml

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20 PPM ALIPHATIC HC STD



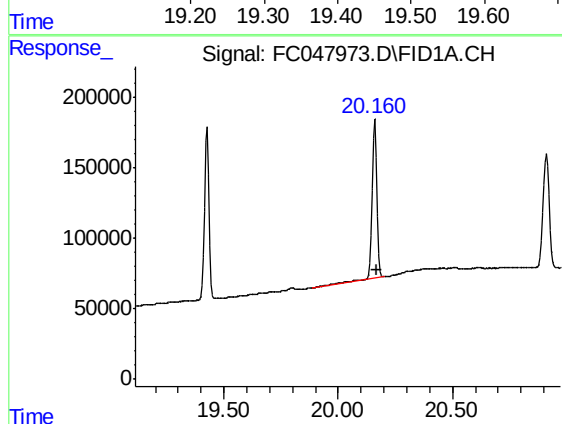
#18 n-Dotriacontane (C32)

R.T.: 18.644 min
Delta R.T.: -0.014 min
Response: 1689910
Conc: 17.05 ug/ml



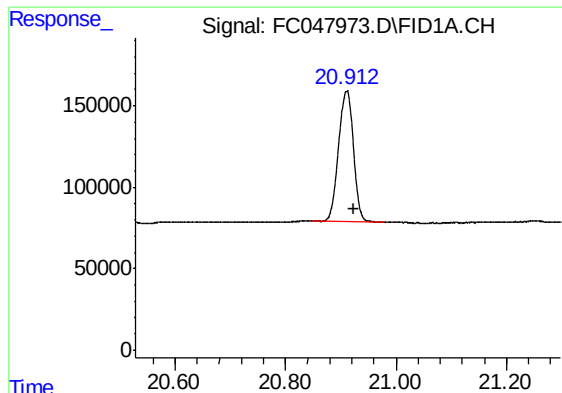
#19 n-Tetratriacontane (C34)

R.T.: 19.425 min
Delta R.T.: -0.010 min
Response: 1618371
Conc: 17.67 ug/ml



#20 n-Hexatriacontane (C36)

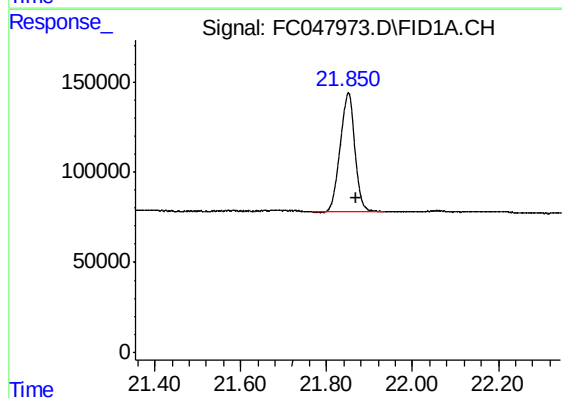
R.T.: 20.160 min
Delta R.T.: -0.008 min
Response: 1616692
Conc: 18.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.911 min
Delta R.T.: -0.011 min
Response: 1514372
Conc: 19.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.851 min
Delta R.T.: -0.017 min
Response: 1557480
Conc: 19.70 ug/ml