

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091020AL\
 Data File : FC049506.D
 Signal(s) : FID1A.CH
 Acq On : 10 Sep 2020 9:10
 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

Manual Integrations
 APPROVED

Ankita
 9/11/2020 11:41:29 AM

Integration File: autoint1.e
 Quant Time: Sep 11 02:08:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 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)	11.668	2247119	19.558 ug/ml
Spiked Amount 50.000		Recovery =	39.12%
12) S 1-chlorooctadecane (S...	13.100	1738586	19.519 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
Target Compounds			
1) T n-Nonane (C9)	3.404	2103470	20.333 ug/ml
2) T n-Decane (C10)	4.477	2121166	20.422 ug/ml
3) T A~Naphthalene (C11.7)	6.074	2346563	20.409 ug/ml
4) T n-Dodecane (C12)	6.502	2142515	20.269 ug/ml
5) T A~2-methylnaphthalene...	7.134	2381328	20.368 ug/ml
6) T n-Tetradecane (C14)	8.299	2118984	20.086 ug/ml
7) T n-Hexadecane (C16)	9.902	2068695	19.878 ug/ml
8) T n-Octadecane (C18)	11.345	2127614	19.797 ug/ml
10) T n-Eicosane (C20)	12.655	2101870	19.629 ug/ml
11) T n-Heneicosane (C21)	13.266	2072352	19.474 ug/ml
13) T n-Docosane (C22)	13.851	2104196	19.884 ug/mlm
14) T n-Tetracosane (C24)	14.955	2034033	19.438 ug/ml
15) T n-Hexacosane (C26)	15.976	1984710	19.415 ug/ml
16) T n-Octacosane (C28)	16.924	1951895	19.422 ug/ml
17) T n-Tricontane (C30)	17.810	1901621	19.531 ug/ml
18) T n-Dotriacontane (C32)	18.641	1767174	19.557 ug/ml
19) T n-Tetratriacontane (C34)	19.422	1709266	19.967 ug/ml
20) T n-Hexatriacontane (C36)	20.160	1630774	20.242 ug/ml
21) T n-Octatriacontane (C38)	20.912	1615500	21.339 ug/ml
22) T n-Tetracontane (C40)	21.855	1565134	20.115 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

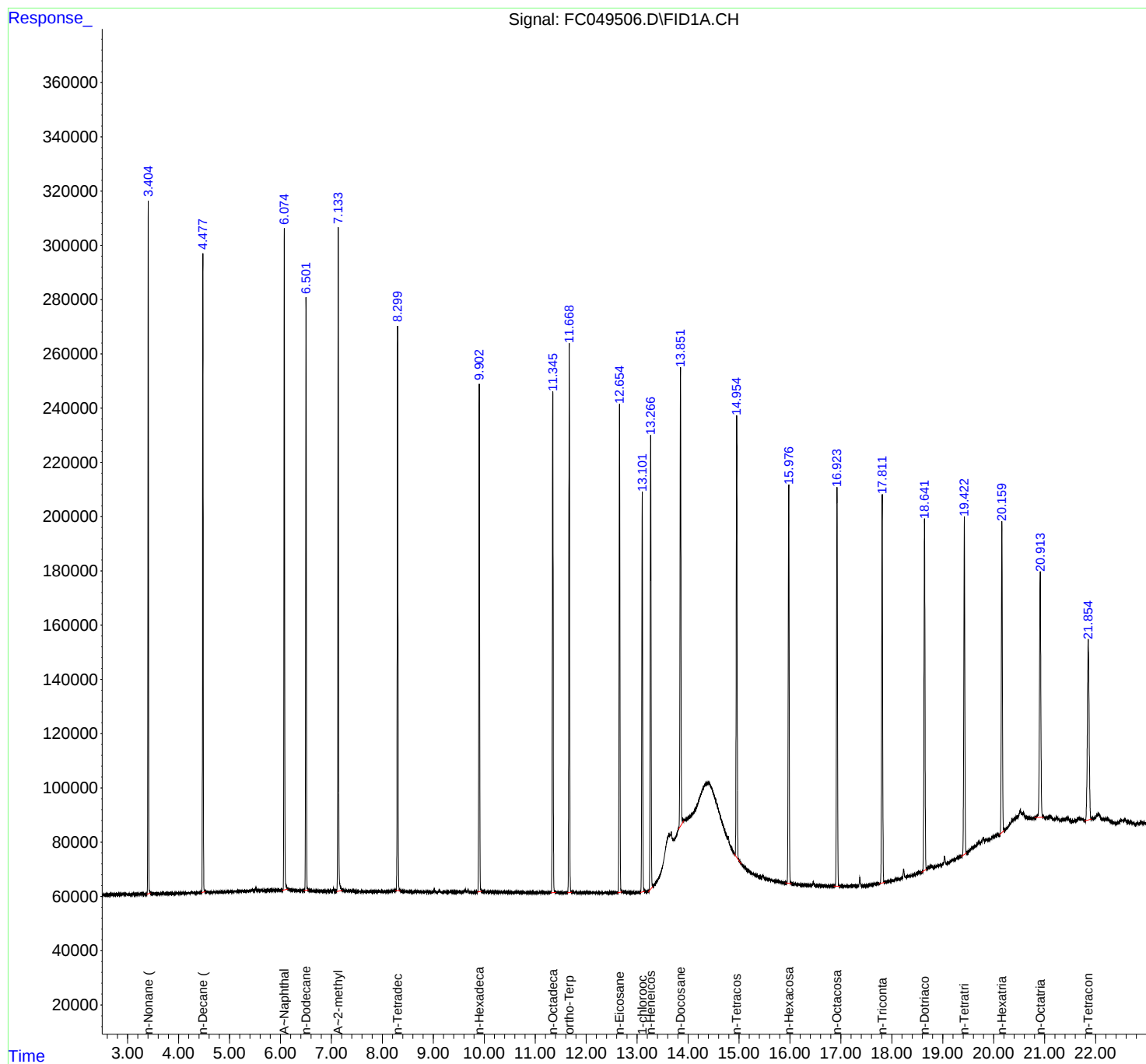
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

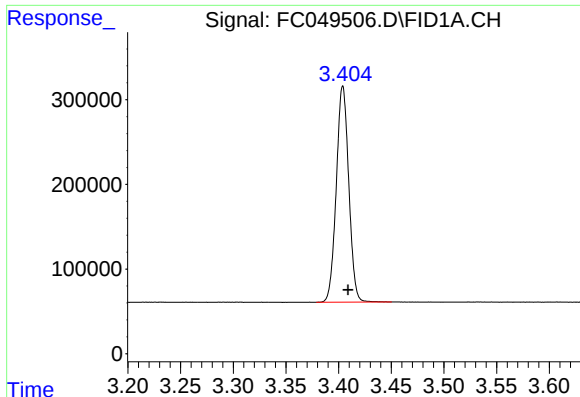
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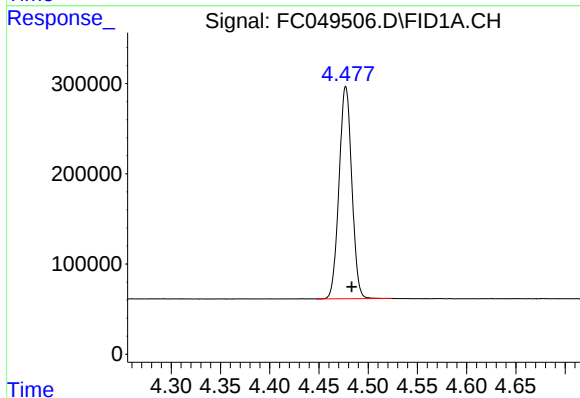
#1 n-Nonane (C9)

R.T.: 3.404 min
Delta R.T.: -0.005 min
Response: 2103470
Conc: 20.33 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

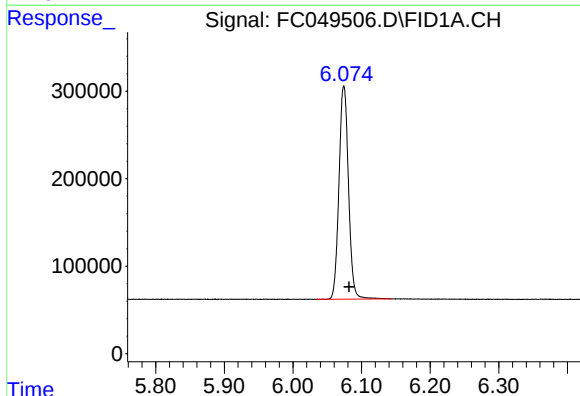
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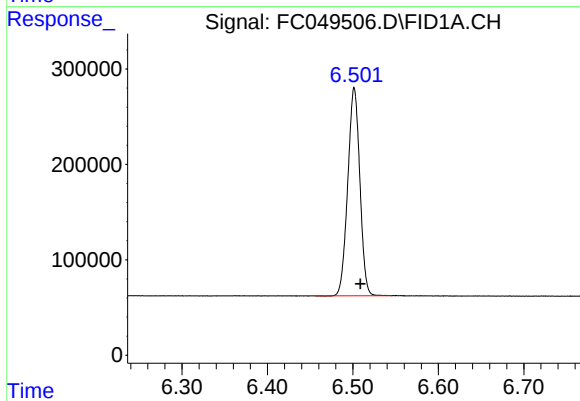
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: -0.006 min
Response: 2121166
Conc: 20.42 ug/ml



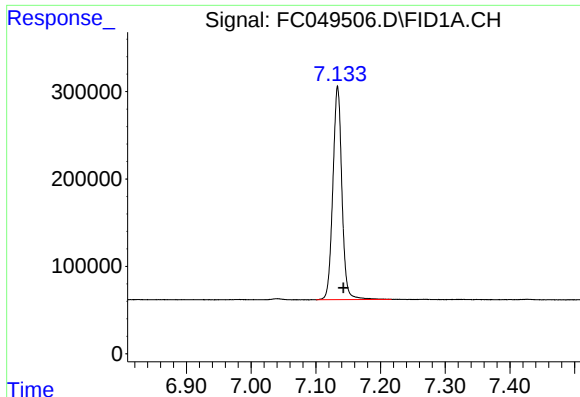
#3 A~Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: -0.008 min
Response: 2346563
Conc: 20.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.502 min
Delta R.T.: -0.007 min
Response: 2142515
Conc: 20.27 ug/ml



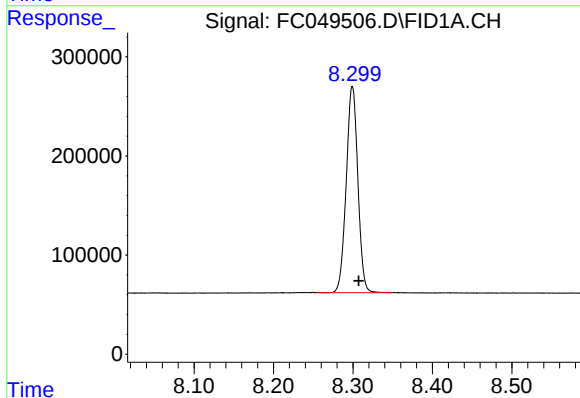
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.134 min
Delta R.T.: -0.009 min
Response: 2381328
Conc: 20.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

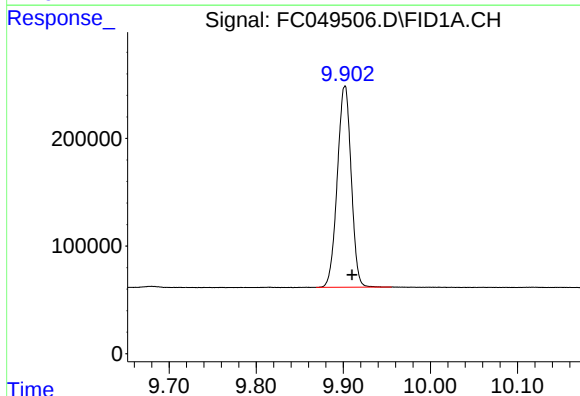
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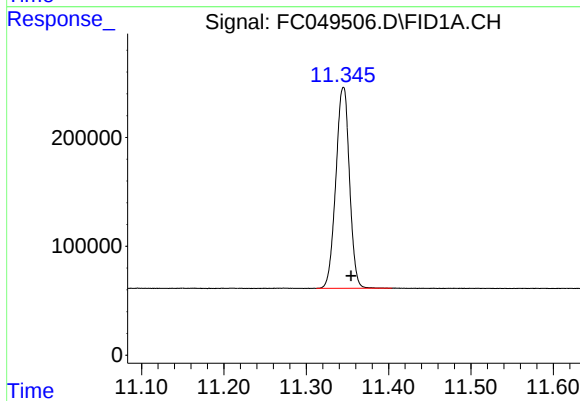
#6 n-Tetradecane (C14)

R.T.: 8.299 min
Delta R.T.: -0.008 min
Response: 2118984
Conc: 20.09 ug/ml



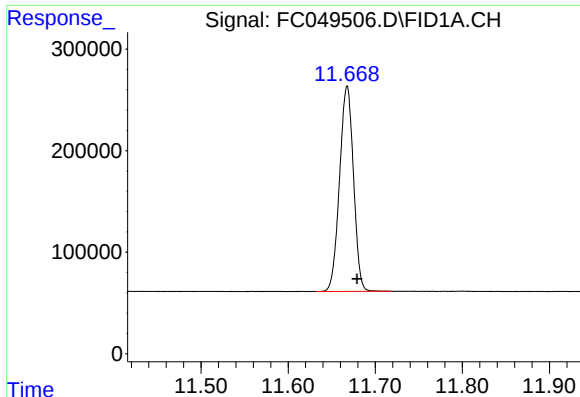
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: -0.008 min
Response: 2068695
Conc: 19.88 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.345 min
Delta R.T.: -0.009 min
Response: 2127614
Conc: 19.80 ug/ml



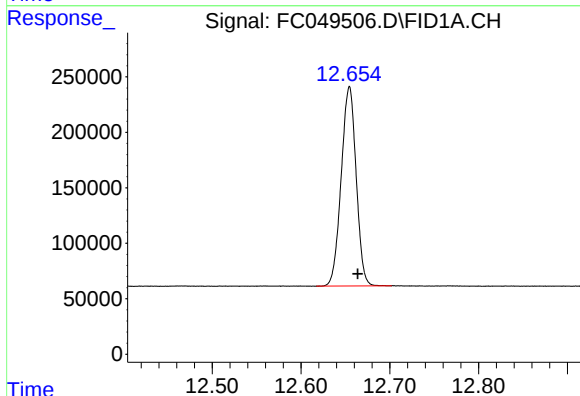
#9 ortho-Terphenyl (SURR)

R.T.: 11.668 min
Delta R.T.: -0.011 min
Response: 2247119
Conc: 19.56 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

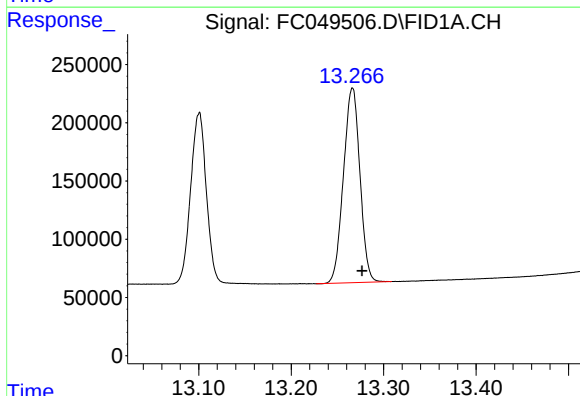
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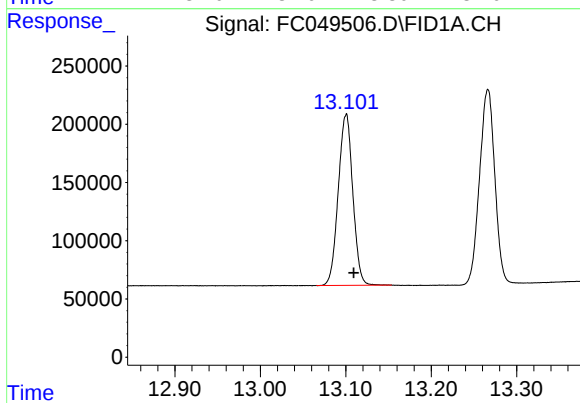
#10 n-Eicosane (C20)

R.T.: 12.655 min
Delta R.T.: -0.009 min
Response: 2101870
Conc: 19.63 ug/ml



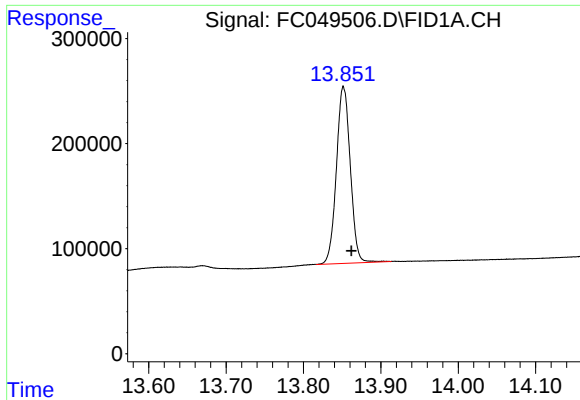
#11 n-Heneicosane (C21)

R.T.: 13.266 min
Delta R.T.: -0.010 min
Response: 2072352
Conc: 19.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.100 min
Delta R.T.: -0.009 min
Response: 1738586
Conc: 19.52 ug/ml



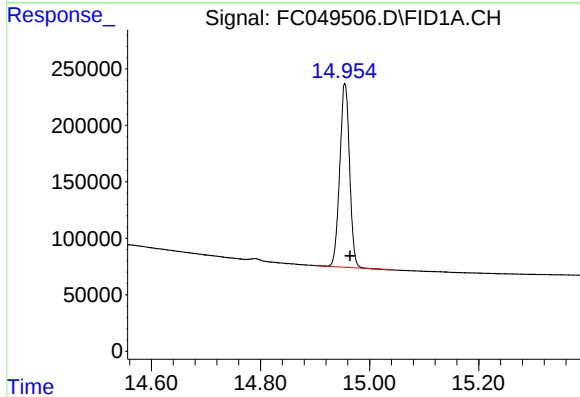
#13 n-Docosane (C22)

R.T.: 13.851 min
Delta R.T.: -0.011 min
Response: 2104196
Conc: 19.88 ug/ml m

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

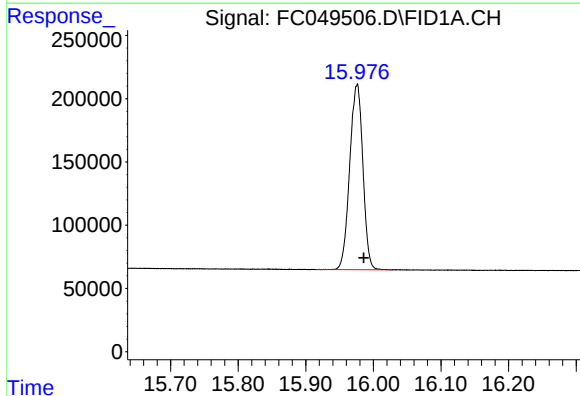
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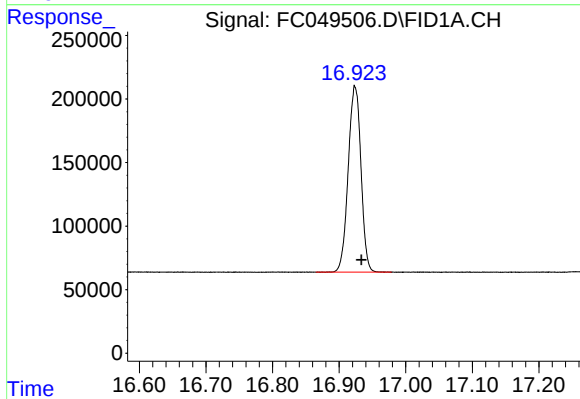
#14 n-Tetracosane (C24)

R.T.: 14.955 min
Delta R.T.: -0.009 min
Response: 2034033
Conc: 19.44 ug/ml



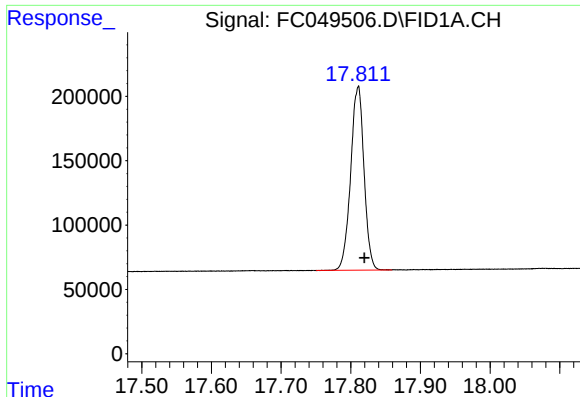
#15 n-Hexacosane (C26)

R.T.: 15.976 min
Delta R.T.: -0.010 min
Response: 1984710
Conc: 19.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.924 min
Delta R.T.: -0.009 min
Response: 1951895
Conc: 19.42 ug/ml



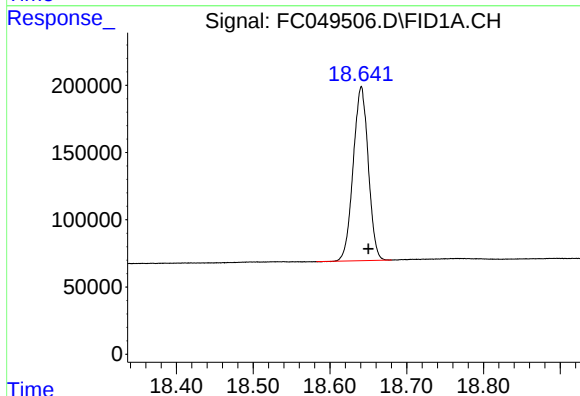
#17 n-Tricontane (C30)

R.T.: 17.810 min
Delta R.T.: -0.009 min
Response: 1901621
Conc: 19.53 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

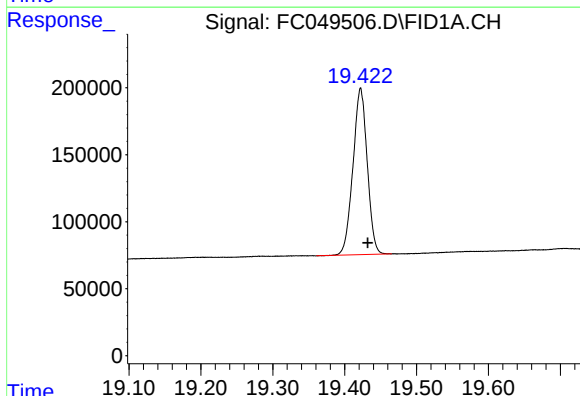
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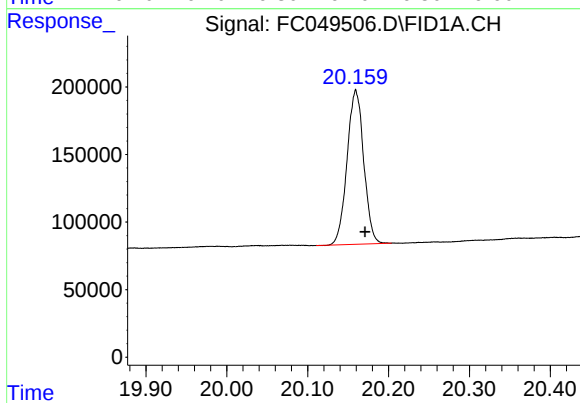
#18 n-Dotriacontane (C32)

R.T.: 18.641 min
Delta R.T.: -0.009 min
Response: 1767174
Conc: 19.56 ug/ml



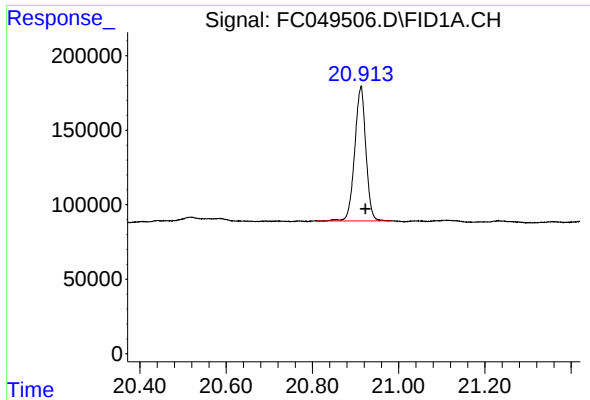
#19 n-Tetratriacontane (C34)

R.T.: 19.422 min
Delta R.T.: -0.010 min
Response: 1709266
Conc: 19.97 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.160 min
Delta R.T.: -0.011 min
Response: 1630774
Conc: 20.24 ug/ml



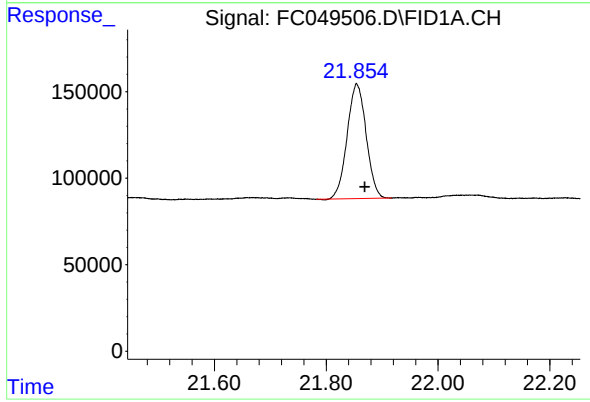
#21 n-Octatriacontane (C38)

R.T.: 20.912 min
Delta R.T.: -0.011 min
Response: 1615500
Conc: 21.34 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.855 min
Delta R.T.: -0.014 min
Response: 1565134
Conc: 20.11 ug/ml