

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042020AL\
 Data File : FC046976.D
 Signal(s) : FID1A.CH
 Acq On : 21 Apr 2020 16:00
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

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 4/22/2020 4:32:08 PM

Integration File: autoint1.e
 Quant Time: Apr 21 17:03:58 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 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)	11.758	2078045	19.010 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
12) S 1-chlorooctadecane (S...	13.172	1644880	19.087 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
Target Compounds			
1) T n-Nonane (C9)	3.550	1984582	20.665 ug/ml
2) T n-Decane (C10)	4.616	2049612	21.340 ug/ml
3) T A~Naphthalene (C11.7)	6.216	2063771	20.597 ug/ml
4) T n-Dodecane (C12)	6.621	2106368	21.580 ug/ml
5) T A~2-methylnaphthalene...	7.265	2097854	20.750 ug/ml
6) T n-Tetradecane (C14)	8.402	2082942	21.153 ug/ml
7) T n-Hexadecane (C16)	9.992	2059419	20.629 ug/ml
8) T n-Octadecane (C18)	11.425	2031579	20.016 ug/ml
10) T n-Eicosane (C20)	12.726	1998518	19.549 ug/ml
11) T n-Heneicosane (C21)	13.334	1973419	19.140 ug/ml
13) T n-Docosane (C22)	13.918	2000728	19.490 ug/ml
14) T n-Tetracosane (C24)	15.016	2105901	20.401 ug/ml
15) T n-Hexacosane (C26)	16.031	2074536	20.220 ug/ml
16) T n-Octacosane (C28)	16.976	2108970	20.722 ug/ml
17) T n-Tricontane (C30)	17.860	2089832	21.331 ug/ml
18) T n-Dotriacontane (C32)	18.688	1762783	21.026 ug/ml
19) T n-Tetratriacontane (C34)	19.466	1477608	20.624 ug/ml
20) T n-Hexatriacontane (C36)	20.203	1383272	19.746 ug/ml
21) T n-Octatriacontane (C38)	20.967	1338233	21.207 ug/mlm
22) T n-Tetracontane (C40)	21.923	1361751	19.679 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 : 50 Sample Multiplier: 1

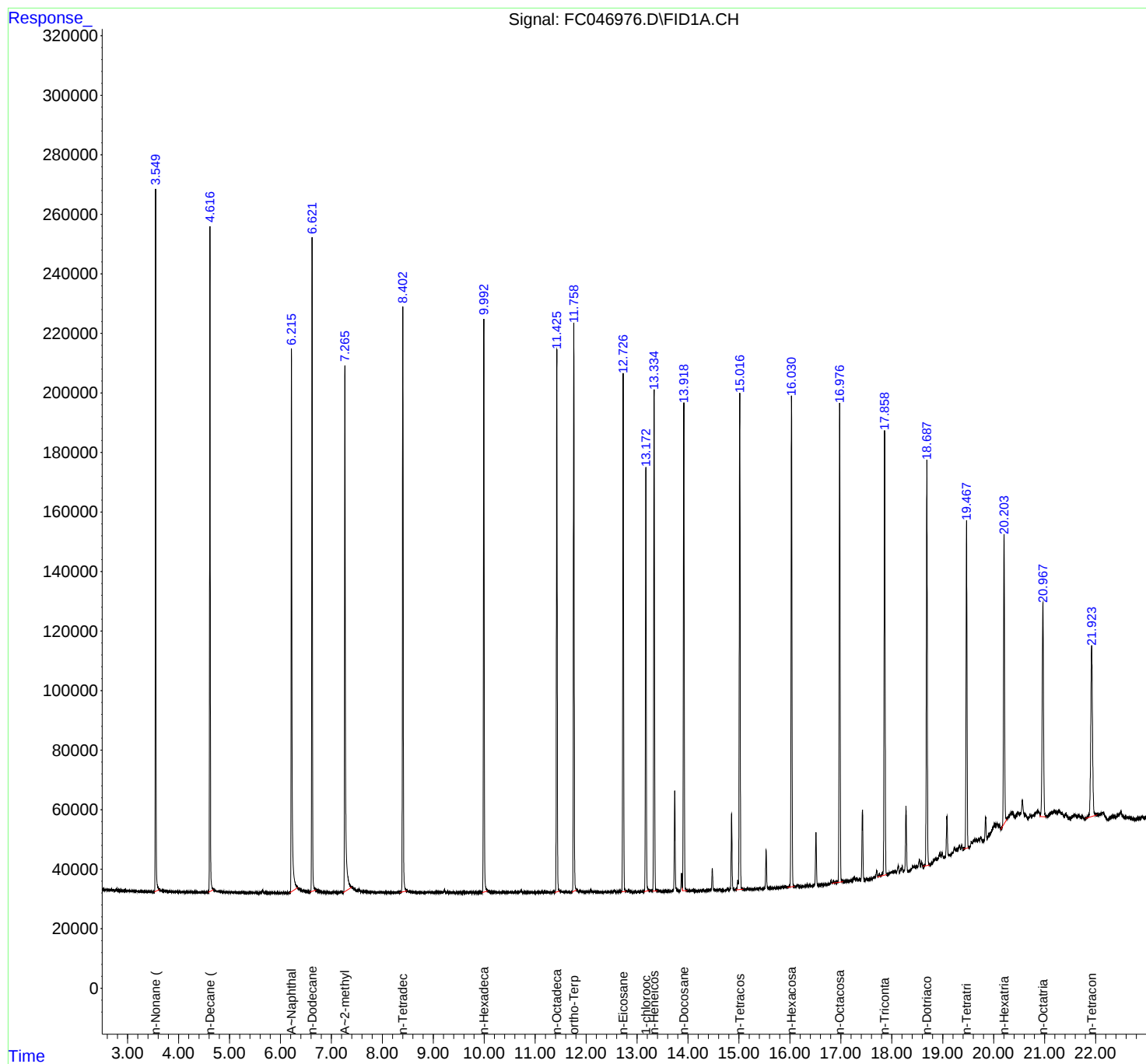
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

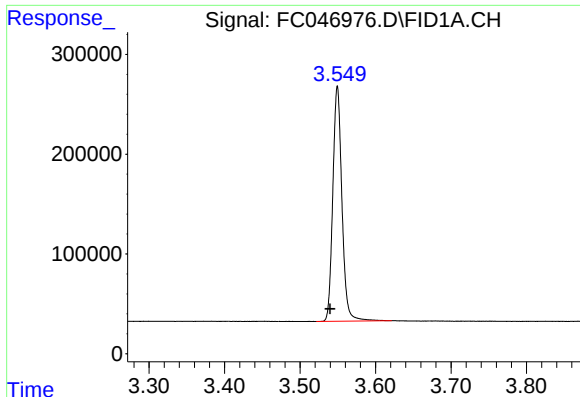
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032320.M
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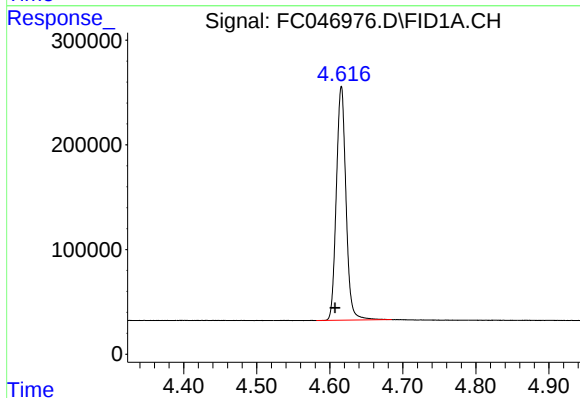
#1 n-Nonane (C9)

R.T.: 3.550 min
Delta R.T.: 0.010 min
Response: 1984582
Conc: 20.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

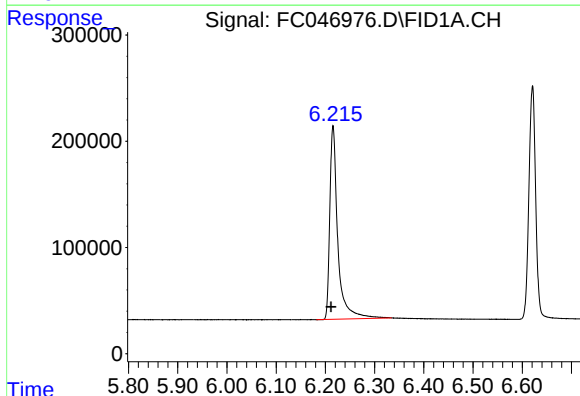
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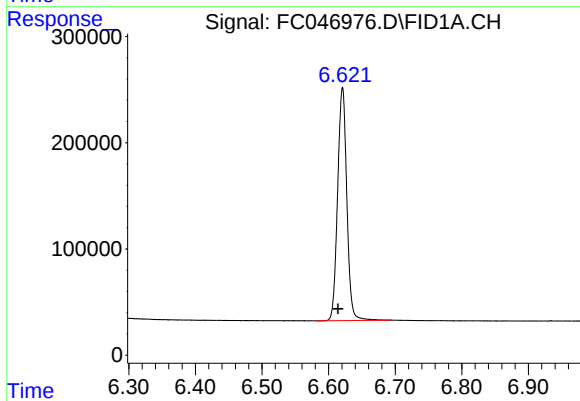
#2 n-Decane (C10)

R.T.: 4.616 min
Delta R.T.: 0.009 min
Response: 2049612
Conc: 21.34 ug/ml



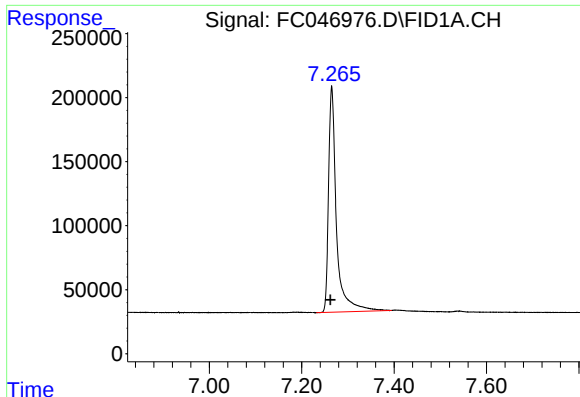
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: 0.005 min
Response: 2063771
Conc: 20.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.621 min
Delta R.T.: 0.006 min
Response: 2106368
Conc: 21.58 ug/ml



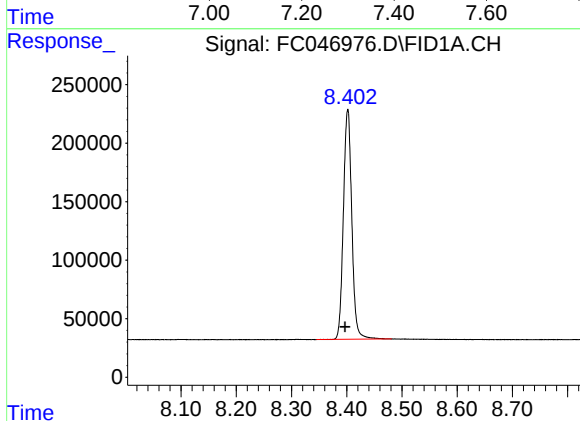
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.265 min
Delta R.T.: 0.003 min
Response: 2097854
Conc: 20.75 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

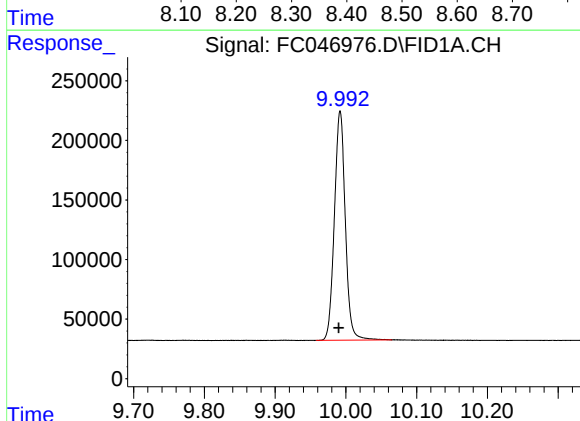
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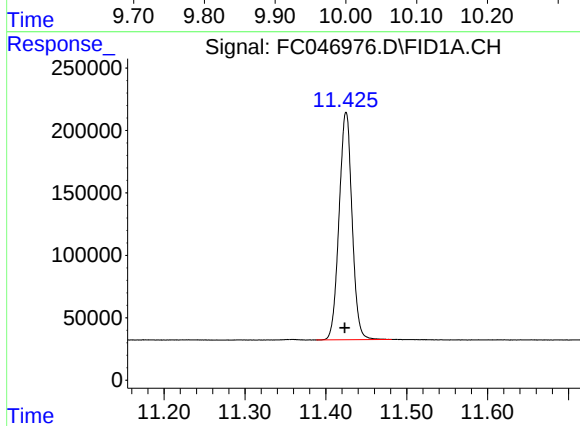
#6 n-Tetradecane (C14)

R.T.: 8.402 min
Delta R.T.: 0.005 min
Response: 2082942
Conc: 21.15 ug/ml



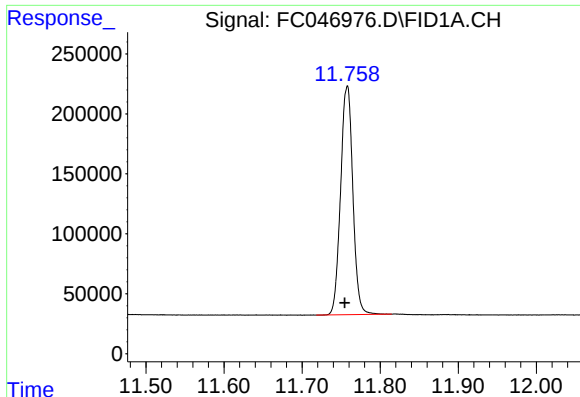
#7 n-Hexadecane (C16)

R.T.: 9.992 min
Delta R.T.: 0.002 min
Response: 2059419
Conc: 20.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.425 min
Delta R.T.: 0.002 min
Response: 2031579
Conc: 20.02 ug/ml



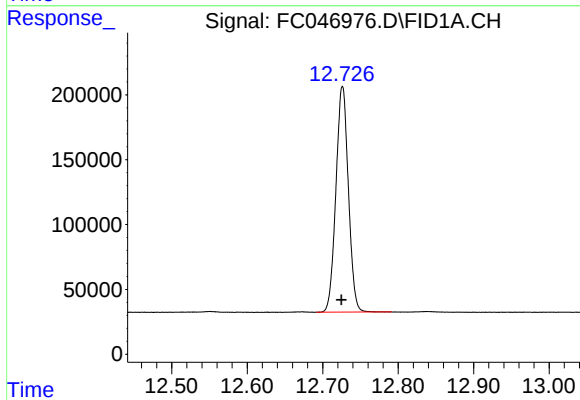
#9 ortho-Terphenyl (SURR)

R.T.: 11.758 min
Delta R.T.: 0.003 min
Response: 2078045
Conc: 19.01 ug/ml

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20 PPM ALIPHATIC HC STD

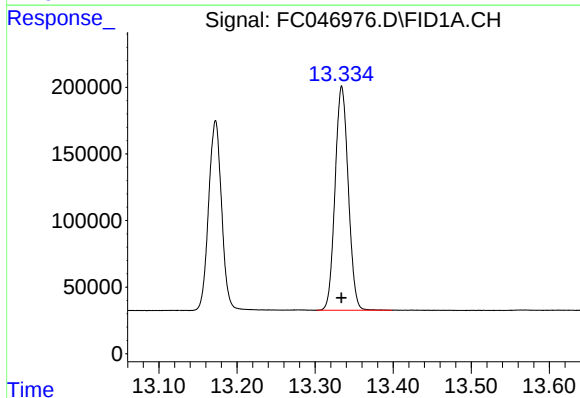
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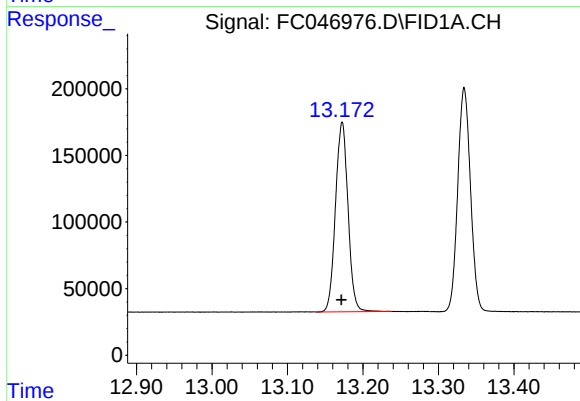
#10 n-Eicosane (C20)

R.T.: 12.726 min
Delta R.T.: 0.001 min
Response: 1998518
Conc: 19.55 ug/ml



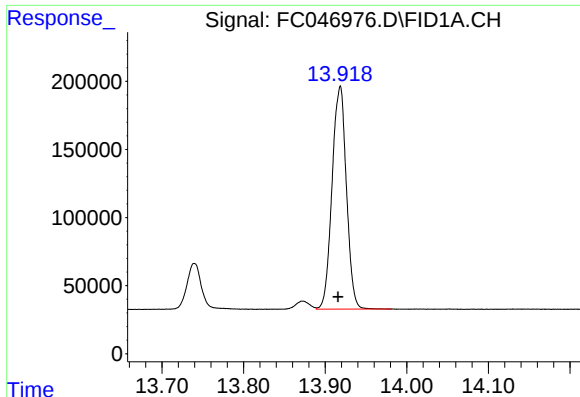
#11 n-Heneicosane (C21)

R.T.: 13.334 min
Delta R.T.: 0.000 min
Response: 1973419
Conc: 19.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.172 min
Delta R.T.: 0.000 min
Response: 1644880
Conc: 19.09 ug/ml



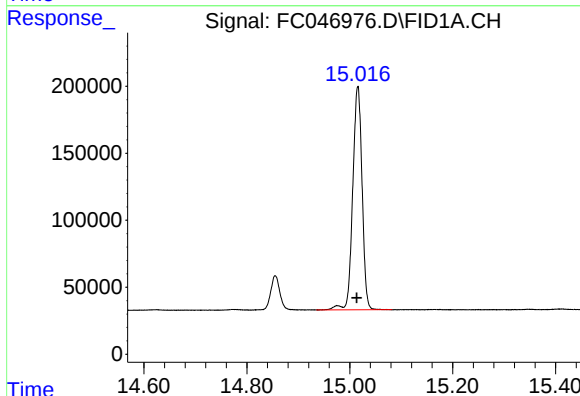
#13 n-Docosane (C22)

R.T.: 13.918 min
Delta R.T.: 0.002 min
Response: 2000728
Conc: 19.49 ug/ml

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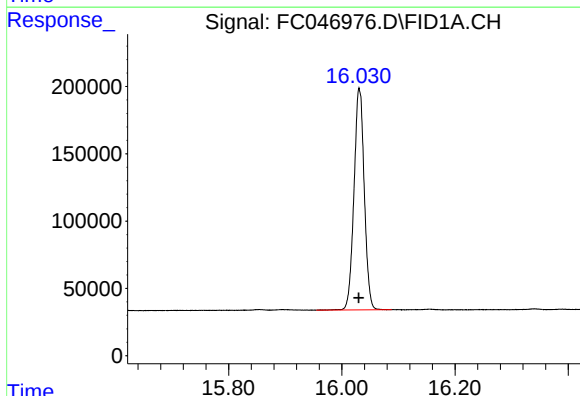
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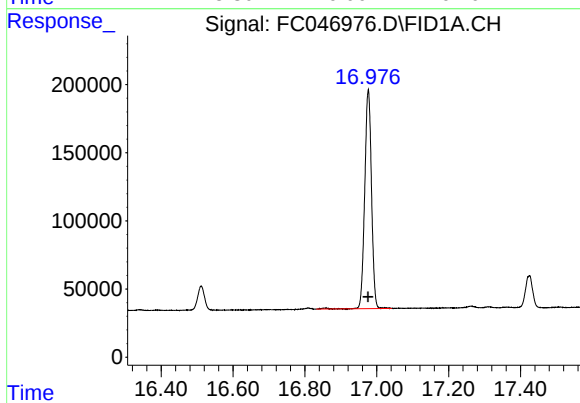
#14 n-Tetracosane (C24)

R.T.: 15.016 min
Delta R.T.: 0.002 min
Response: 2105901
Conc: 20.40 ug/ml



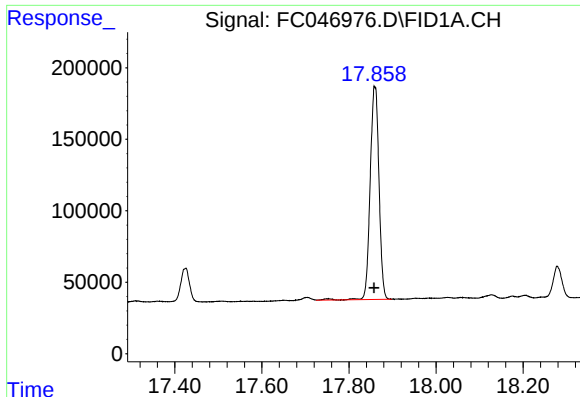
#15 n-Hexacosane (C26)

R.T.: 16.031 min
Delta R.T.: 0.001 min
Response: 2074536
Conc: 20.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.976 min
Delta R.T.: 0.000 min
Response: 2108970
Conc: 20.72 ug/ml



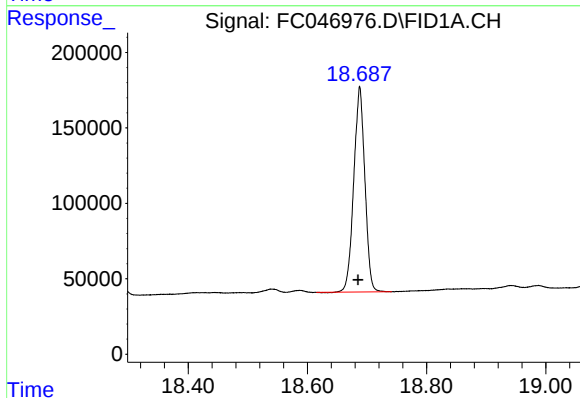
#17 n-Tricontane (C30)

R.T.: 17.860 min
Delta R.T.: 0.002 min
Response: 2089832
Conc: 21.33 ug/ml

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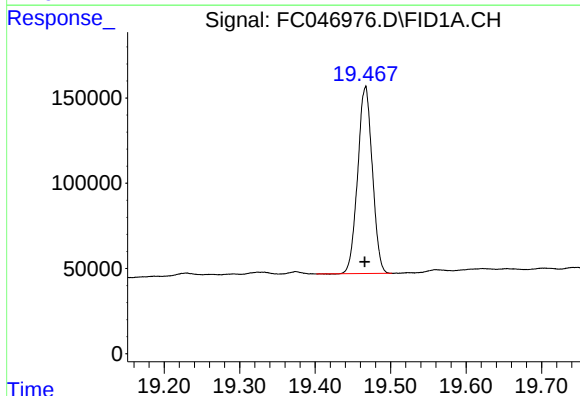
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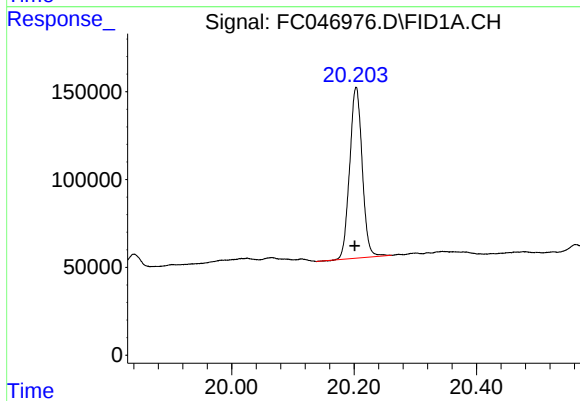
#18 n-Dotriacontane (C32)

R.T.: 18.688 min
Delta R.T.: 0.003 min
Response: 1762783
Conc: 21.03 ug/ml



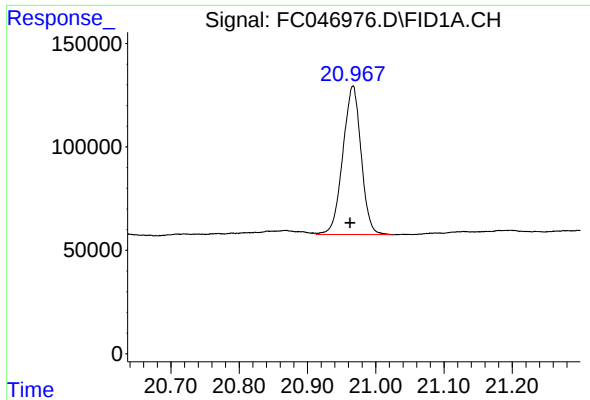
#19 n-Tetratriacontane (C34)

R.T.: 19.466 min
Delta R.T.: 0.000 min
Response: 1477608
Conc: 20.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.203 min
Delta R.T.: 0.002 min
Response: 1383272
Conc: 19.75 ug/ml



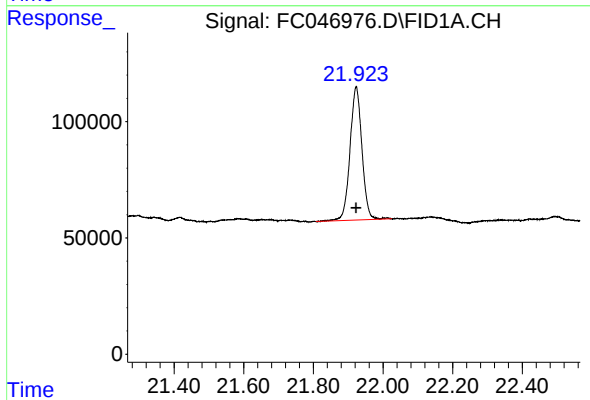
#21 n-Octatriacontane (C38)

R.T.: 20.967 min
Delta R.T.: 0.004 min
Response: 1338233
Conc: 21.21 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.923 min
Delta R.T.: 0.000 min
Response: 1361751
Conc: 19.68 ug/ml