

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102320AL\
 Data File : FC050307.D
 Signal(s) : FID1A.CH
 Acq On : 23 Oct 2020 8:30
 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
 10/27/2020 4:34:32 PM

Integration File: autoint1.e
 Quant Time: Oct 24 02:22:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 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)	11.627	2127262	18.978 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
12) S 1-chlorooctadecane (S...	13.061	1634427	18.868 ug/ml
Spiked Amount 50.000		Recovery =	37.74%
Target Compounds			
1) T n-Nonane (C9)	3.372	2029327	20.478 ug/ml
2) T n-Decane (C10)	4.443	2031947	20.409 ug/ml
3) T A~Naphthalene (C11.7)	6.038	2211073	20.061 ug/ml
4) T n-Dodecane (C12)	6.465	2052361	20.340 ug/ml
5) T A~2-methylnaphthalene...	7.096	2217484	19.922 ug/ml
6) T n-Tetradecane (C14)	8.262	2019563	20.159 ug/ml
7) T n-Hexadecane (C16)	9.864	1969145	19.980 ug/ml
8) T n-Octadecane (C18)	11.306	2022869	19.587 ug/ml
10) T n-Eicosane (C20)	12.615	1995939	19.182 ug/ml
11) T n-Heneicosane (C21)	13.227	1973843	18.995 ug/ml
13) T n-Docosane (C22)	13.813	1946987	18.756 ug/ml
14) T n-Tetracosane (C24)	14.915	1903517	18.326 ug/ml
15) T n-Hexacosane (C26)	15.935	1859050	18.041 ug/ml
16) T n-Octacosane (C28)	16.884	1841168	17.790 ug/ml
17) T n-Tricontane (C30)	17.771	1798580	17.625 ug/ml
18) T n-Dotriacontane (C32)	18.601	1686315	17.554 ug/ml
19) T n-Tetratriacontane (C34)	19.383	1621619	17.679 ug/ml
20) T n-Hexatriacontane (C36)	20.121	1567848	17.701 ug/mlm
21) T n-Octatriacontane (C38)	20.867	1497874	18.165 ug/ml
22) T n-Tetracontane (C40)	21.797	1533950	18.344 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

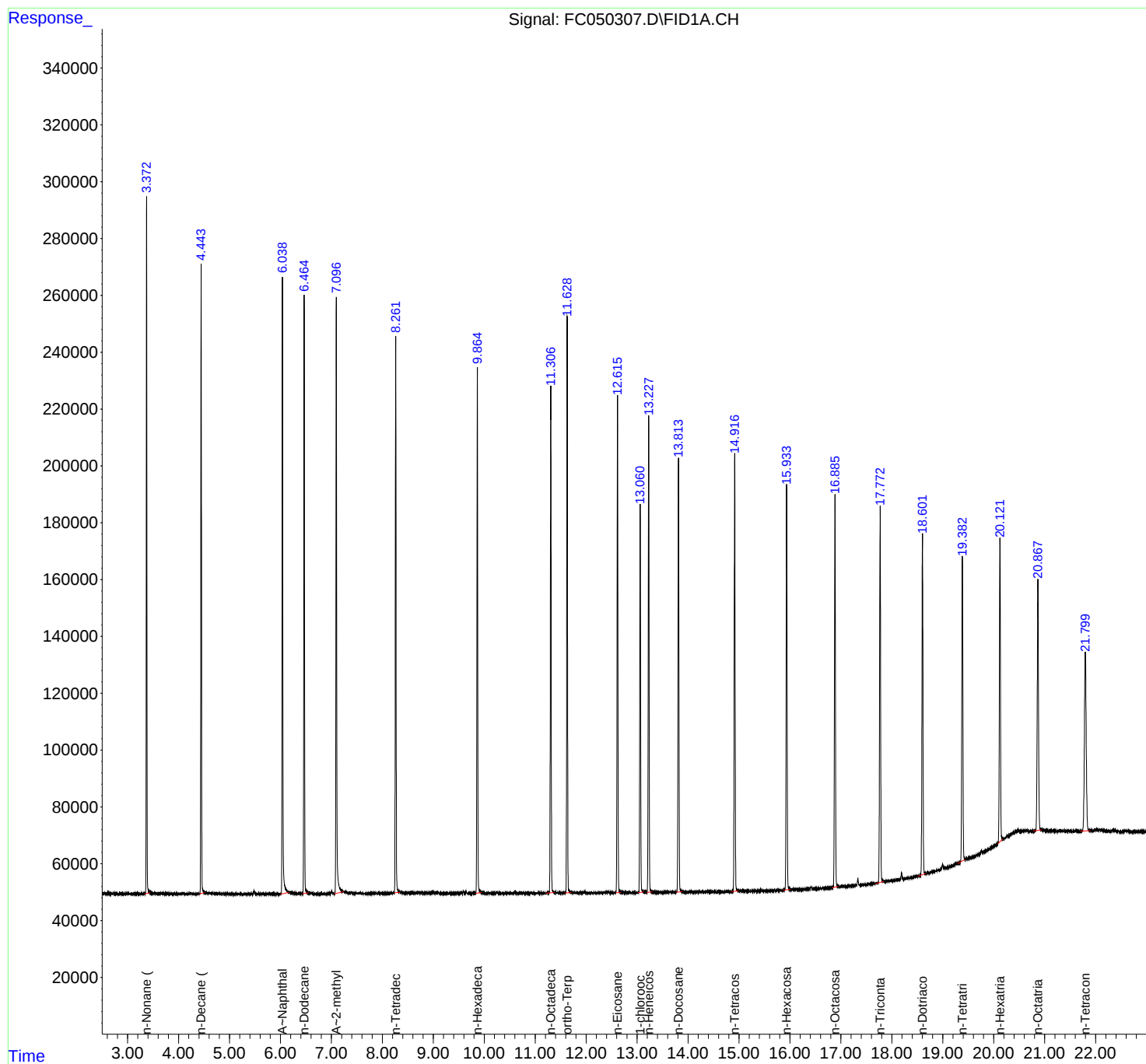
Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD

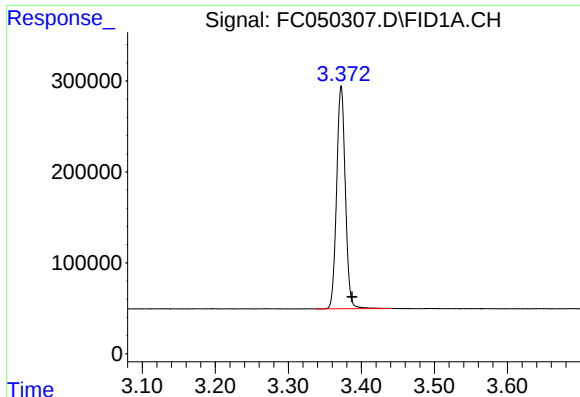
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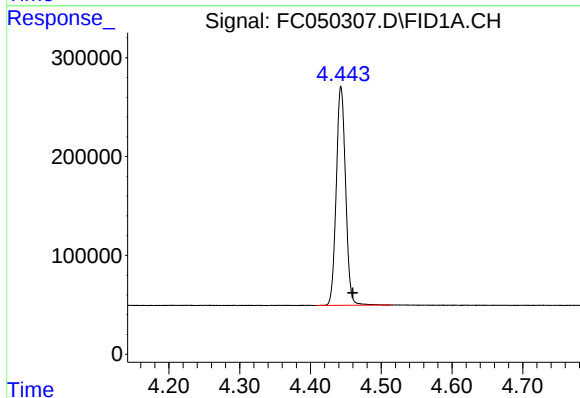
#1 n-Nonane (C9)

R.T.: 3.372 min
Delta R.T.: -0.015 min
Response: 2029327
Conc: 20.48 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

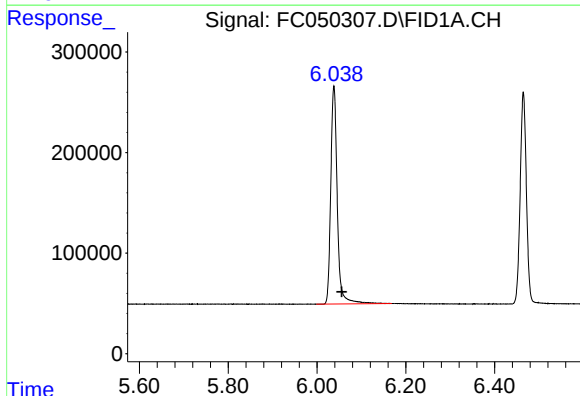
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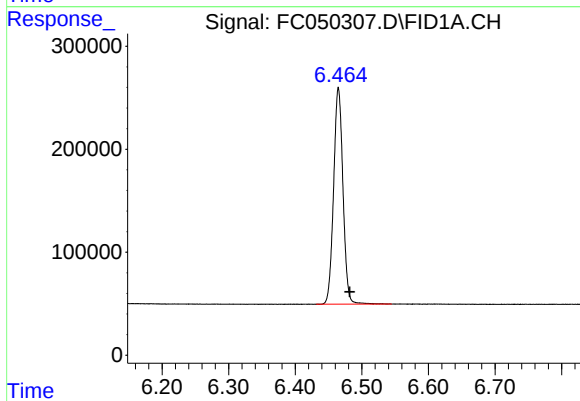
#2 n-Decane (C10)

R.T.: 4.443 min
Delta R.T.: -0.016 min
Response: 2031947
Conc: 20.41 ug/ml



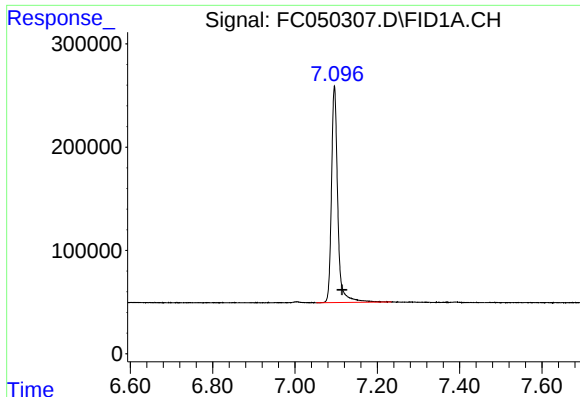
#3 A~Naphthalene (C11.7)

R.T.: 6.038 min
Delta R.T.: -0.018 min
Response: 2211073
Conc: 20.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.465 min
Delta R.T.: -0.017 min
Response: 2052361
Conc: 20.34 ug/ml



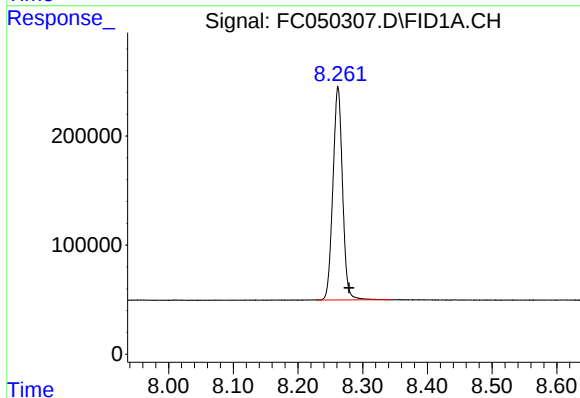
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.096 min
Delta R.T.: -0.018 min
Response: 2217484
Conc: 19.92 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

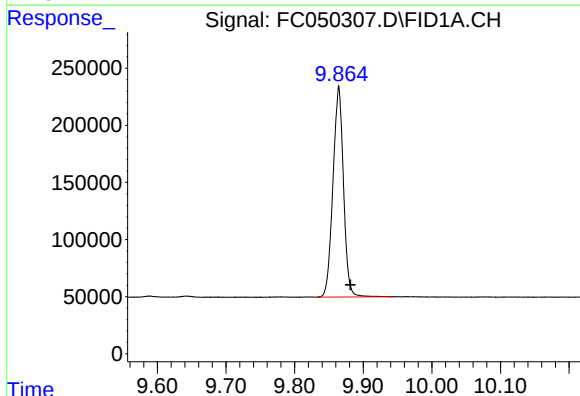
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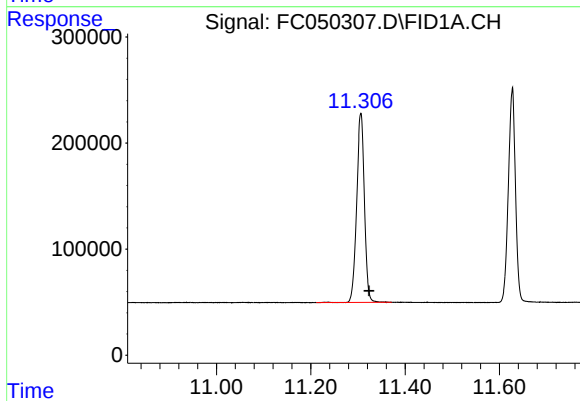
#6 n-Tetradecane (C14)

R.T.: 8.262 min
Delta R.T.: -0.017 min
Response: 2019563
Conc: 20.16 ug/ml



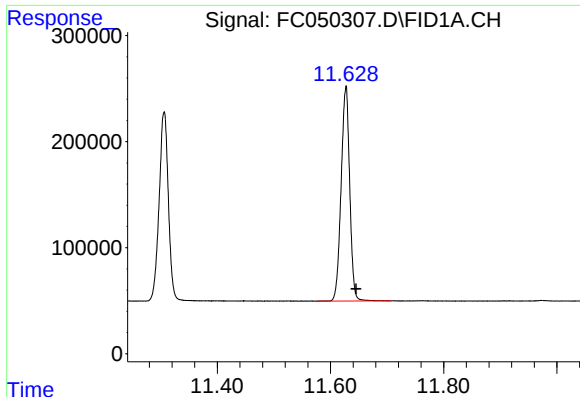
#7 n-Hexadecane (C16)

R.T.: 9.864 min
Delta R.T.: -0.017 min
Response: 1969145
Conc: 19.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.306 min
Delta R.T.: -0.017 min
Response: 2022869
Conc: 19.59 ug/ml



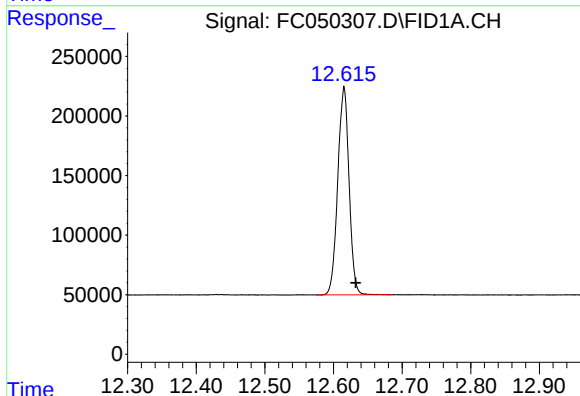
#9 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: -0.018 min
Response: 2127262
Conc: 18.98 ug/ml

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20 PPM ALIPHATIC HC STD

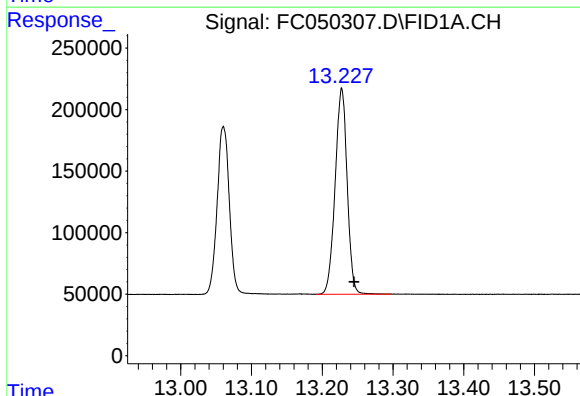
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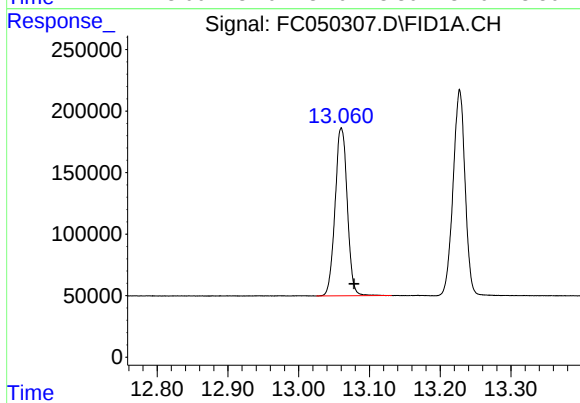
#10 n-Eicosane (C20)

R.T.: 12.615 min
Delta R.T.: -0.018 min
Response: 1995939
Conc: 19.18 ug/ml



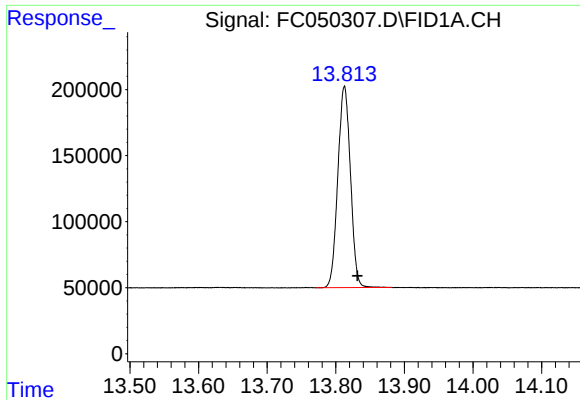
#11 n-Heneicosane (C21)

R.T.: 13.227 min
Delta R.T.: -0.018 min
Response: 1973843
Conc: 18.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.061 min
Delta R.T.: -0.018 min
Response: 1634427
Conc: 18.87 ug/ml



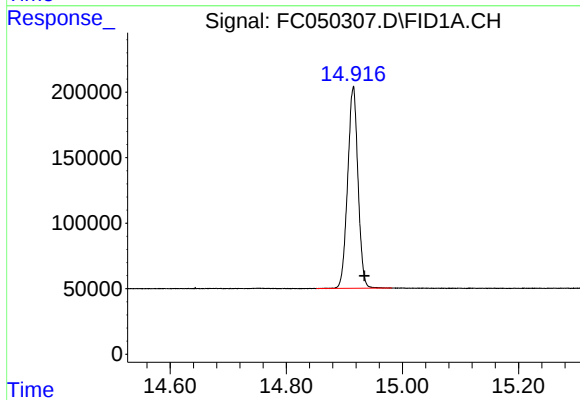
#13 n-Docosane (C22)

R.T.: 13.813 min
Delta R.T.: -0.019 min
Response: 1946987
Conc: 18.76 ug/ml

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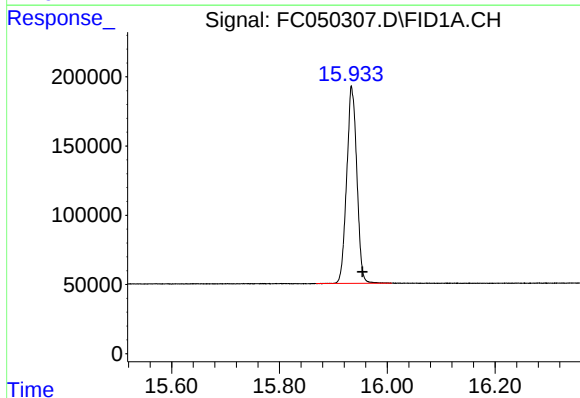
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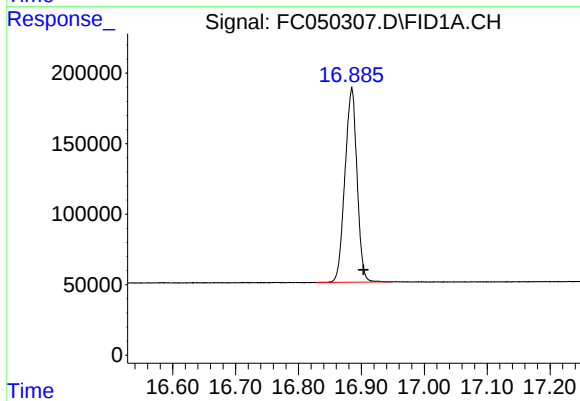
#14 n-Tetracosane (C24)

R.T.: 14.915 min
Delta R.T.: -0.019 min
Response: 1903517
Conc: 18.33 ug/ml



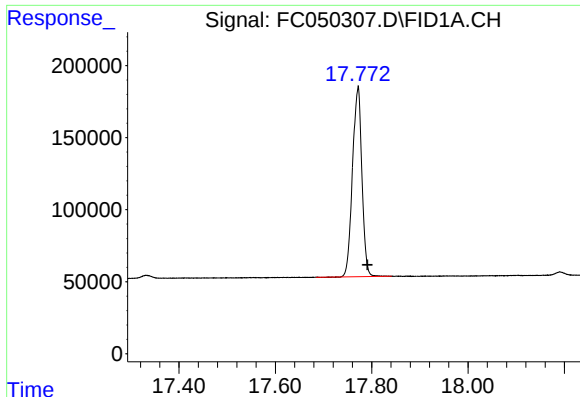
#15 n-Hexacosane (C26)

R.T.: 15.935 min
Delta R.T.: -0.019 min
Response: 1859050
Conc: 18.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.884 min
Delta R.T.: -0.019 min
Response: 1841168
Conc: 17.79 ug/ml



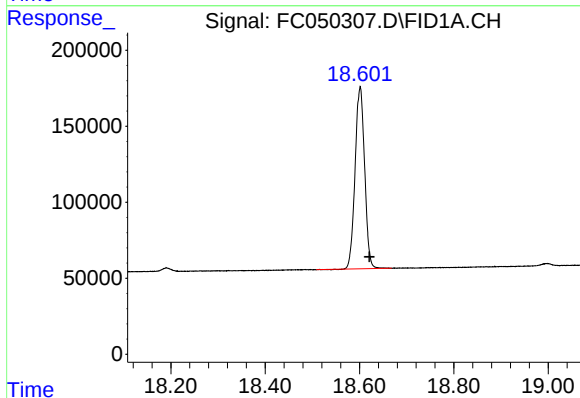
#17 n-Tricontane (C30)

R.T.: 17.771 min
Delta R.T.: -0.020 min
Response: 1798580
Conc: 17.62 ug/ml

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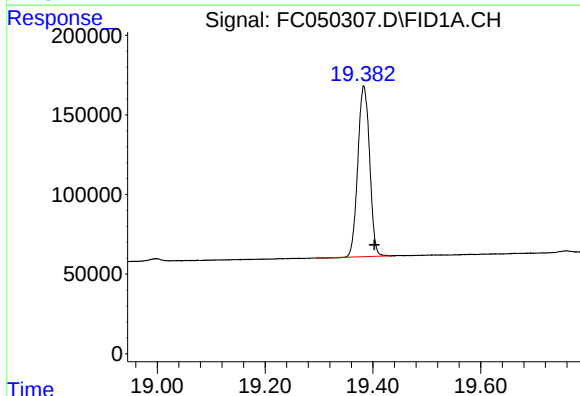
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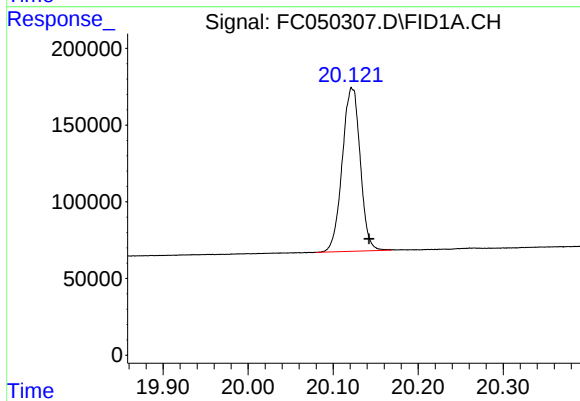
#18 n-Dotriacontane (C32)

R.T.: 18.601 min
Delta R.T.: -0.020 min
Response: 1686315
Conc: 17.55 ug/ml



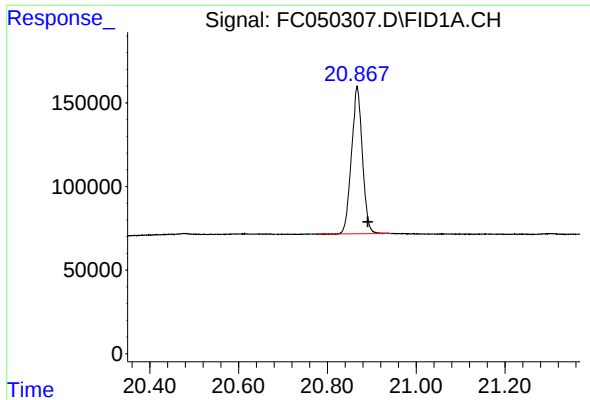
#19 n-Tetratriacontane (C34)

R.T.: 19.383 min
Delta R.T.: -0.020 min
Response: 1621619
Conc: 17.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.121 min
Delta R.T.: -0.021 min
Response: 1567848
Conc: 17.70 ug/ml m



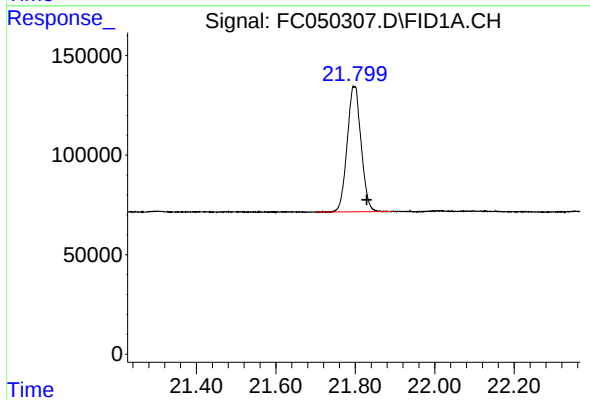
#21 n-Octatriacontane (C38)

R.T.: 20.867 min
Delta R.T.: -0.024 min
Response: 1497874
Conc: 18.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.797 min
Delta R.T.: -0.032 min
Response: 1533950
Conc: 18.34 ug/ml