

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102120AL\
 Data File : FC050285.D
 Signal(s) : FID1A.CH
 Acq On : 22 Oct 2020 10:07
 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

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 10/22/2020 5:30:41 PM

Integration File: autoint1.e
 Quant Time: Oct 22 10:41:58 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)	11.628	2234557	19.935 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
12) S 1-chlorooctadecane (S...	13.062	1719691	19.852 ug/ml
Spiked Amount 50.000		Recovery =	39.70%
Target Compounds			
1) T n-Nonane (C9)	3.374	2132543	21.519 ug/ml
2) T n-Decane (C10)	4.445	2146464	21.559 ug/ml
3) T A~Naphthalene (C11.7)	6.039	2332221	21.160 ug/ml
4) T n-Dodecane (C12)	6.466	2162950	21.436 ug/ml
5) T A~2-methylnaphthalene...	7.098	2337972	21.005 ug/ml
6) T n-Tetradecane (C14)	8.263	2134123	21.303 ug/ml
7) T n-Hexadecane (C16)	9.864	2071803	21.022 ug/ml
8) T n-Octadecane (C18)	11.306	2131284	20.637 ug/ml
10) T n-Eicosane (C20)	12.616	2105503	20.235 ug/ml
11) T n-Heneicosane (C21)	13.227	2077447	19.992 ug/ml
13) T n-Docosane (C22)	13.814	2064340	19.887 ug/ml
14) T n-Tetracosane (C24)	14.916	2037685	19.618 ug/ml
15) T n-Hexacosane (C26)	15.936	1985622	19.269 ug/ml
16) T n-Octacosane (C28)	16.884	1982382	19.155 ug/ml
17) T n-Tricontane (C30)	17.772	1947071	19.080 ug/ml
18) T n-Dotriacontane (C32)	18.604	1847851	19.235 ug/ml
19) T n-Tetratriacontane (C34)	19.385	1743930	19.013 ug/ml
20) T n-Hexatriacontane (C36)	20.122	1682489	18.995 ug/mlm
21) T n-Octatriacontane (C38)	20.868	1601954	19.428 ug/ml
22) T n-Tetracontane (C40)	21.801	1618966	19.361 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

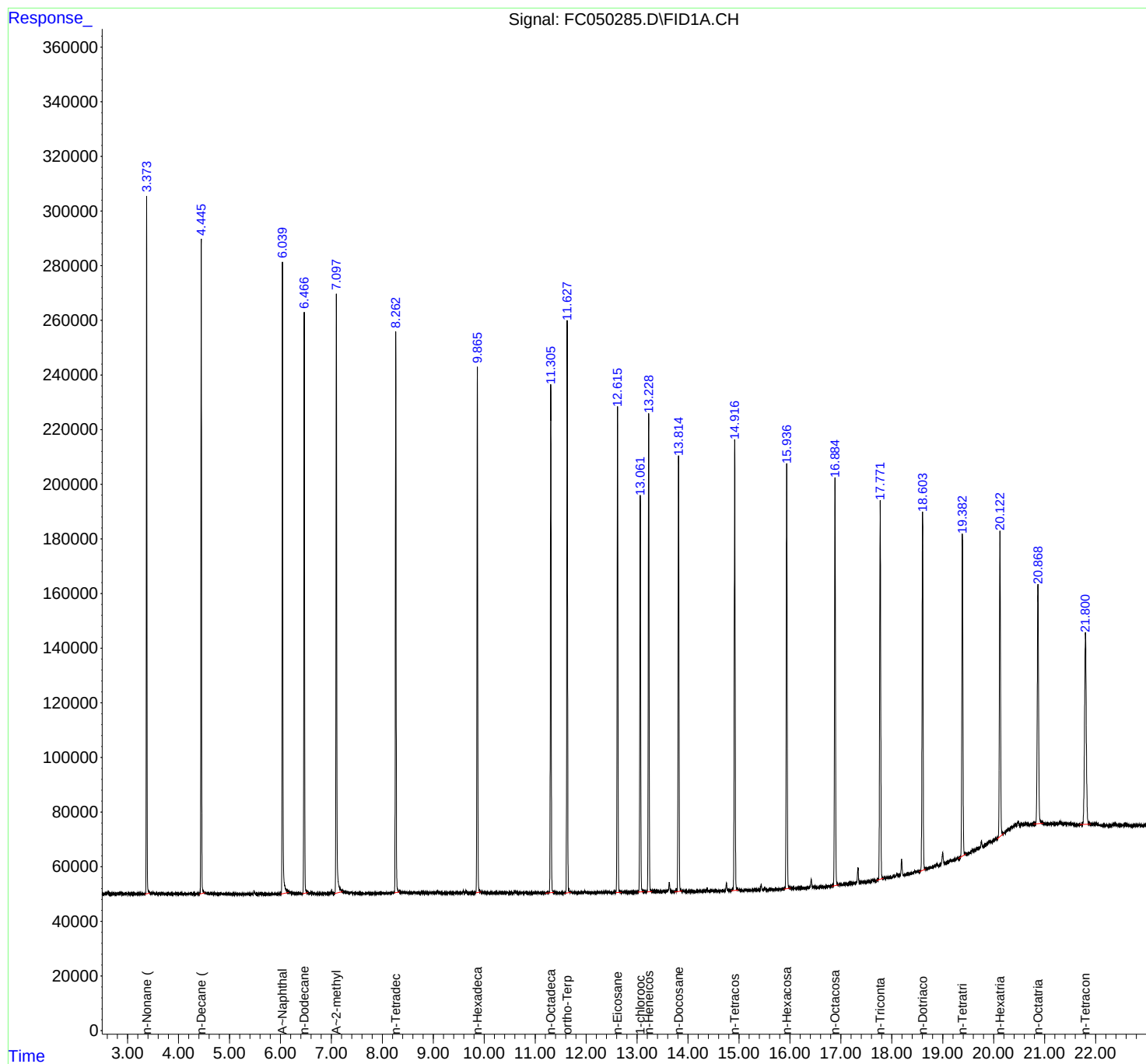
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

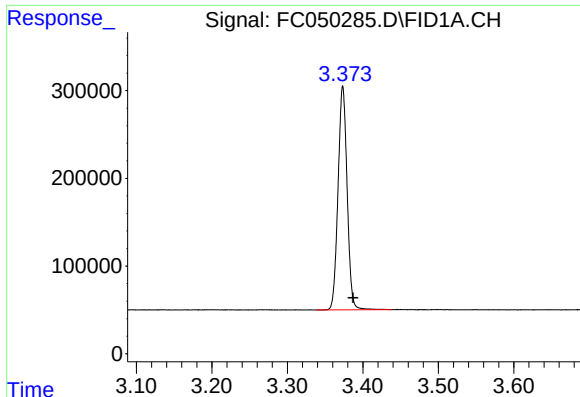
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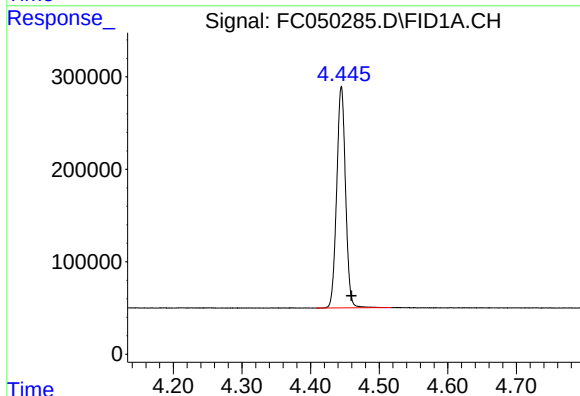
#1 n-Nonane (C9)

R.T.: 3.374 min
Delta R.T.: -0.013 min
Response: 2132543
Conc: 21.52 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

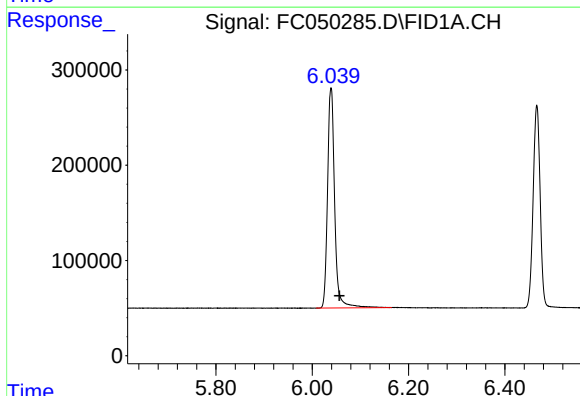
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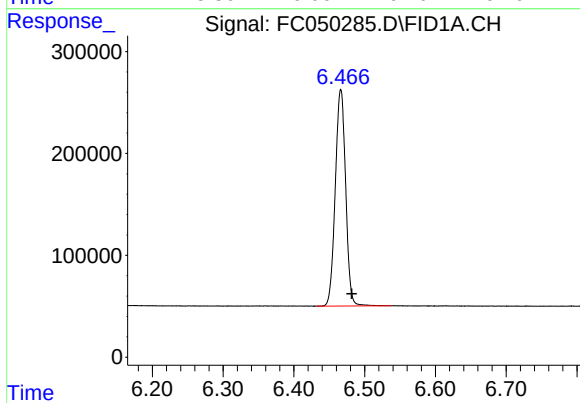
#2 n-Decane (C10)

R.T.: 4.445 min
Delta R.T.: -0.015 min
Response: 2146464
Conc: 21.56 ug/ml



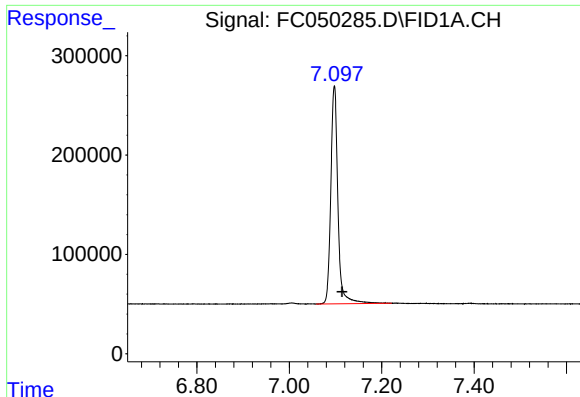
#3 A~Naphthalene (C11.7)

R.T.: 6.039 min
Delta R.T.: -0.017 min
Response: 2332221
Conc: 21.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.466 min
Delta R.T.: -0.016 min
Response: 2162950
Conc: 21.44 ug/ml



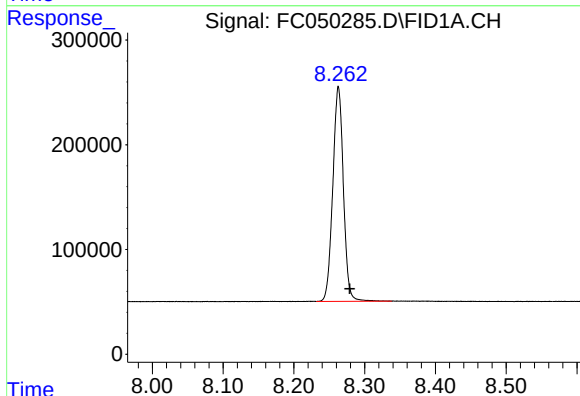
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.098 min
Delta R.T.: -0.017 min
Response: 2337972
Conc: 21.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

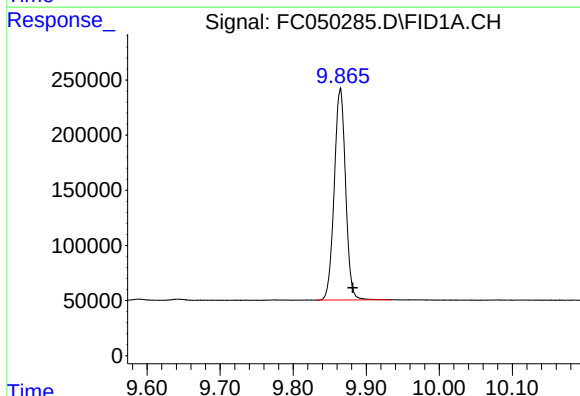
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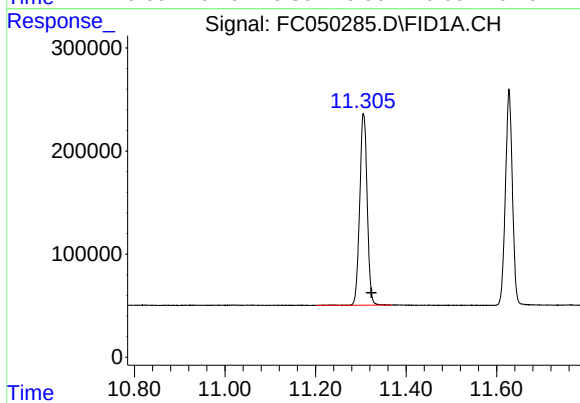
#6 n-Tetradecane (C14)

R.T.: 8.263 min
Delta R.T.: -0.016 min
Response: 2134123
Conc: 21.30 ug/ml



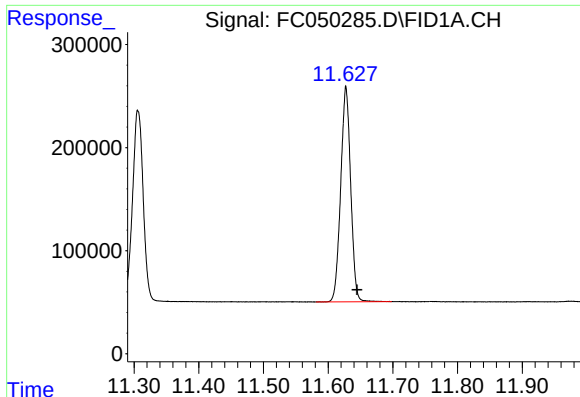
#7 n-Hexadecane (C16)

R.T.: 9.864 min
Delta R.T.: -0.017 min
Response: 2071803
Conc: 21.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.306 min
Delta R.T.: -0.017 min
Response: 2131284
Conc: 20.64 ug/ml



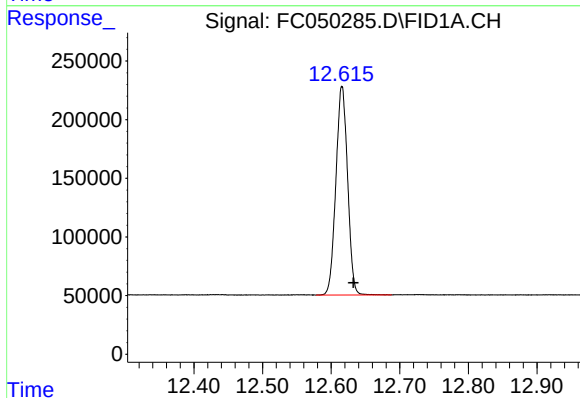
#9 ortho-Terphenyl (SURR)

R.T.: 11.628 min
Delta R.T.: -0.017 min
Response: 2234557
Conc: 19.94 ug/ml

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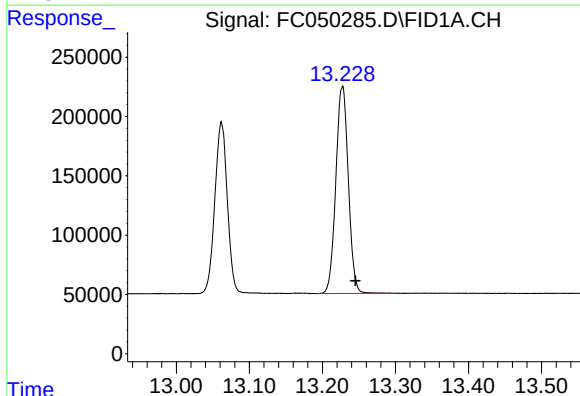
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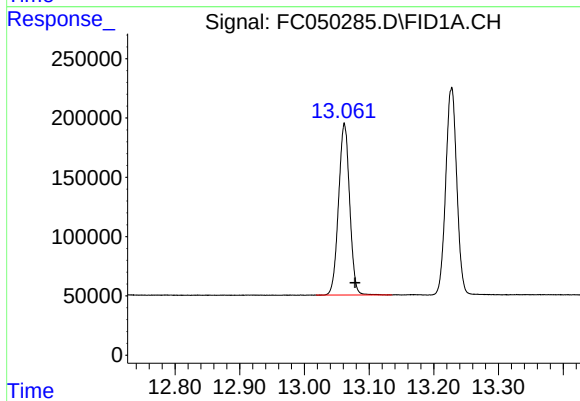
#10 n-Eicosane (C20)

R.T.: 12.616 min
Delta R.T.: -0.017 min
Response: 2105503
Conc: 20.23 ug/ml



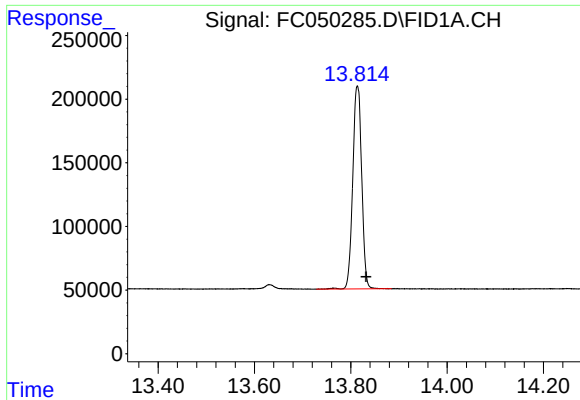
#11 n-Heneicosane (C21)

R.T.: 13.227 min
Delta R.T.: -0.018 min
Response: 2077447
Conc: 19.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.062 min
Delta R.T.: -0.017 min
Response: 1719691
Conc: 19.85 ug/ml



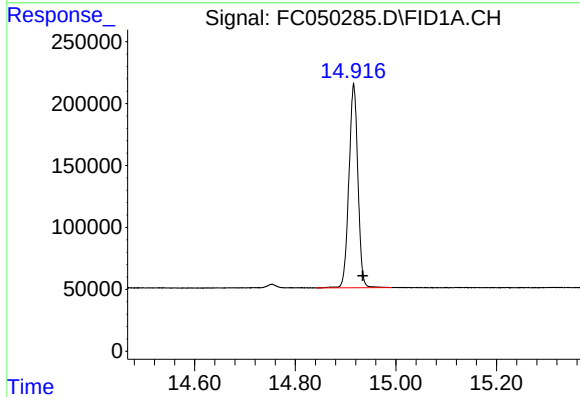
#13 n-Docosane (C22)

R.T.: 13.814 min
Delta R.T.: -0.018 min
Response: 2064340
Conc: 19.89 ug/ml

Instrument :
FID_C
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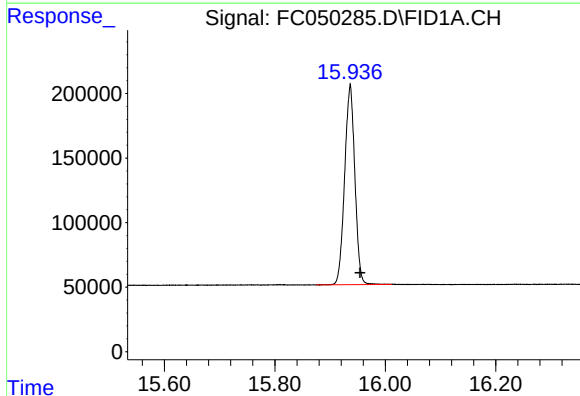
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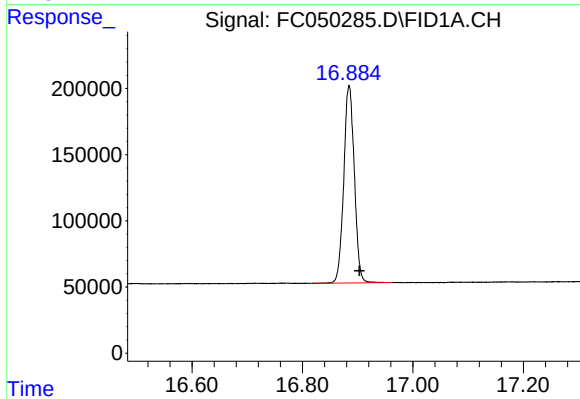
#14 n-Tetracosane (C24)

R.T.: 14.916 min
Delta R.T.: -0.018 min
Response: 2037685
Conc: 19.62 ug/ml



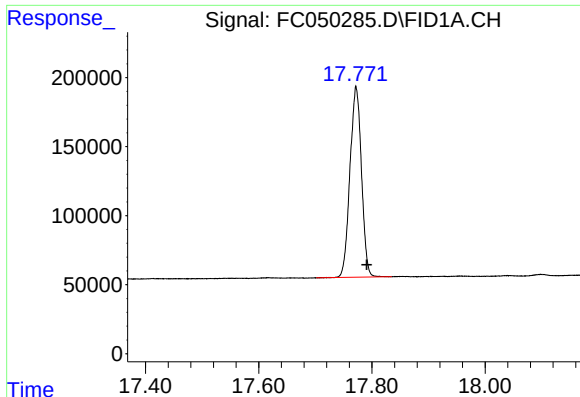
#15 n-Hexacosane (C26)

R.T.: 15.936 min
Delta R.T.: -0.018 min
Response: 1985622
Conc: 19.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.884 min
Delta R.T.: -0.019 min
Response: 1982382
Conc: 19.15 ug/ml



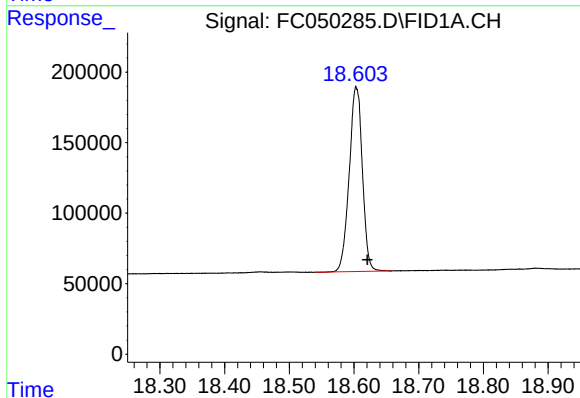
#17 n-Tricontane (C30)

R.T.: 17.772 min
Delta R.T.: -0.019 min
Response: 1947071
Conc: 19.08 ug/ml

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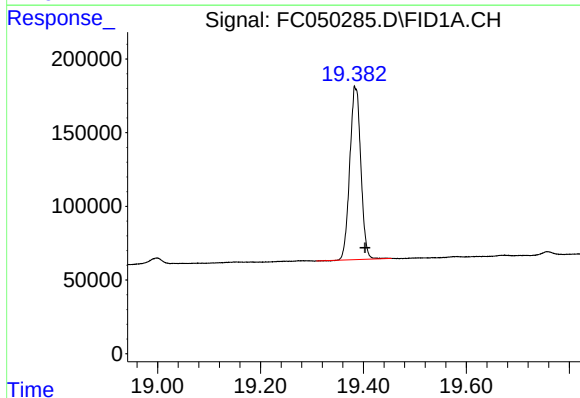
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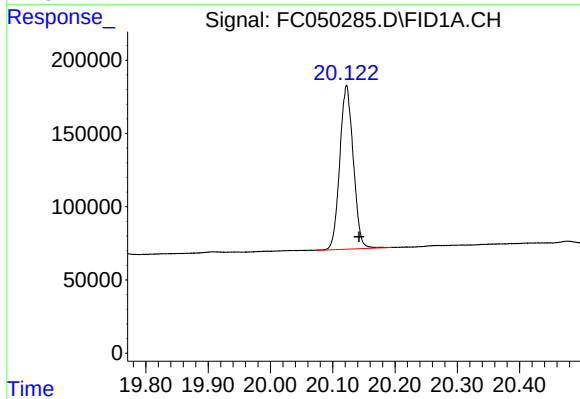
#18 n-Dotriacontane (C32)

R.T.: 18.604 min
Delta R.T.: -0.017 min
Response: 1847851
Conc: 19.24 ug/ml



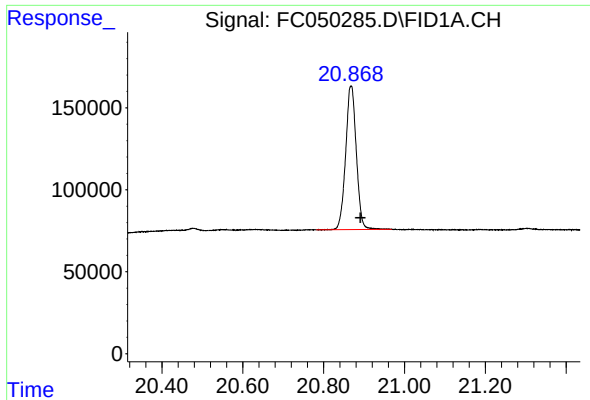
#19 n-Tetratriacontane (C34)

R.T.: 19.385 min
Delta R.T.: -0.018 min
Response: 1743930
Conc: 19.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.122 min
Delta R.T.: -0.020 min
Response: 1682489
Conc: 18.99 ug/ml m



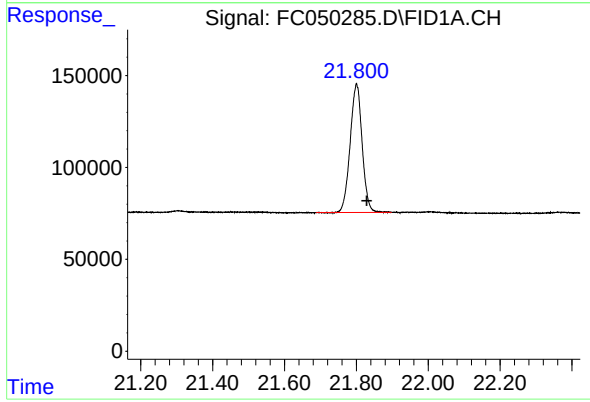
#21 n-Octatriacontane (C38)

R.T.: 20.868 min
Delta R.T.: -0.023 min
Response: 1601954
Conc: 19.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.801 min
Delta R.T.: -0.028 min
Response: 1618966
Conc: 19.36 ug/ml