

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052021AL\
 Data File : FC053854.D
 Signal(s) : FID1A.CH
 Acq On : 20 May 2021 19:24
 Operator : DD\AJ
 Sample : M2462-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WATER-MAIN-BREAK-SOILMSD

Manual Integrations
 APPROVED

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 5/21/2021 4:29:14 PM

Integration File: autoint1.e
 Quant Time: May 21 01:30:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 2021
 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)	11.530	4471334	32.296 ug/ml
Spiked Amount 50.000		Recovery =	64.59%
12) S 1-chlorooctadecane (S...	12.969	3705680	33.225 ug/ml
Spiked Amount 50.000		Recovery =	66.45%
Target Compounds			
1) T n-Nonane (C9)	3.293	3325452	28.155 ug/ml
2) T n-Decane (C10)	4.357	3724940	31.456 ug/ml
3) T A~Naphthalene (C11.7)	5.941	4246034	32.586 ug/ml
4) T n-Dodecane (C12)	6.374	4000610	33.062 ug/ml
5) T A~2-methylnaphthalene...	6.998	4322499	32.694 ug/ml
6) T n-Tetradecane (C14)	8.172	4314815	35.420 ug/ml
7) T n-Hexadecane (C16)	9.772	4550995	37.158 ug/ml
8) T n-Octadecane (C18)	11.215	4669206	35.853 ug/ml
10) T n-Eicosane (C20)	12.525	4440911	33.551 ug/ml
11) T n-Heneicosane (C21)	13.137	4408768	33.196 ug/ml
13) T n-Docosane (C22)	13.724	4271070	32.110 ug/ml
14) T n-Tetracosane (C24)	14.818	8295813	62.148 ug/ml
15) T n-Hexacosane (C26)	15.851	4050053	30.633 ug/ml
16) T n-Octacosane (C28)	16.800	4059719	31.013 ug/ml
17) T n-Tricontane (C30)	17.689	3989444	30.587 ug/ml
18) T n-Dotriacontane (C32)	18.521	3962179	31.401 ug/ml
19) T n-Tetratriacontane (C34)	19.304	3861804	31.696 ug/ml
20) T n-Hexatriacontane (C36)	20.044	3771470	32.257 ug/mlm
21) T n-Octatriacontane (C38)	20.774	3664478	35.622 ug/ml
22) T n-Tetracontane (C40)	21.667	3854065	38.678 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : M2462-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

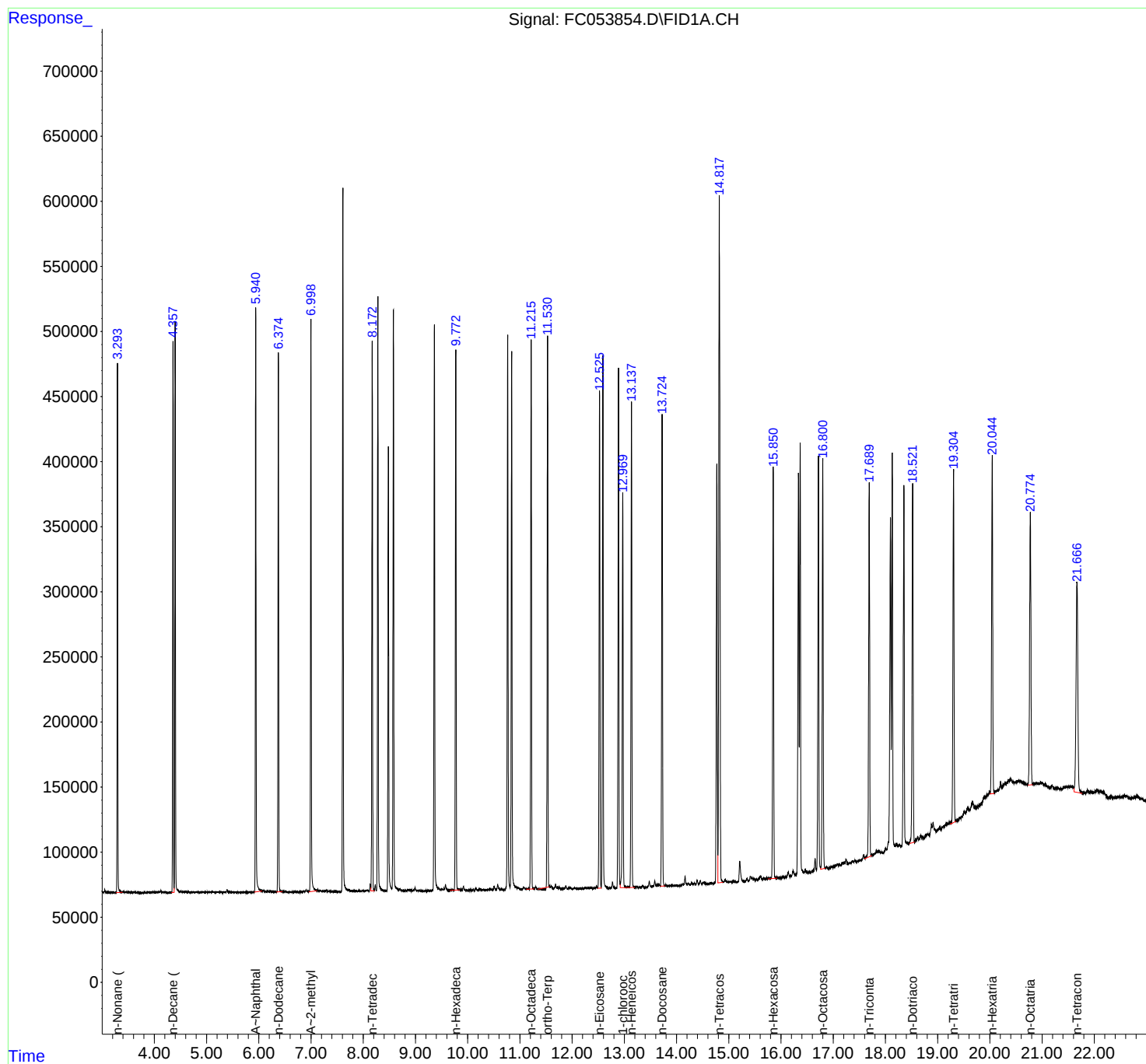
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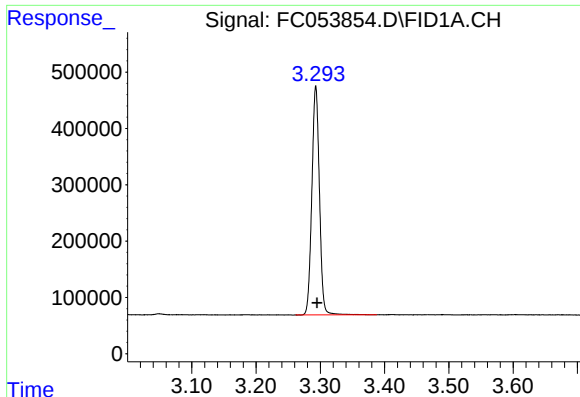
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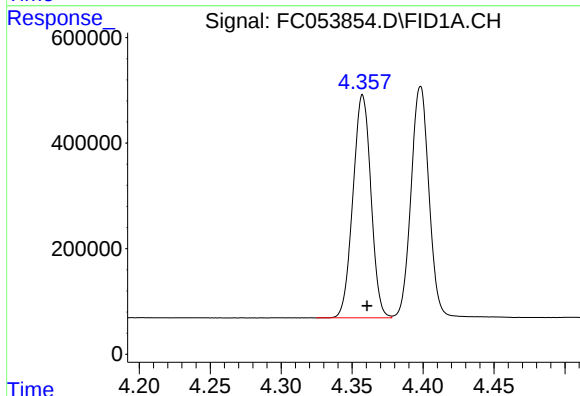
#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: -0.002 min
Response: 3325452
Conc: 28.15 ug/ml

Instrument :
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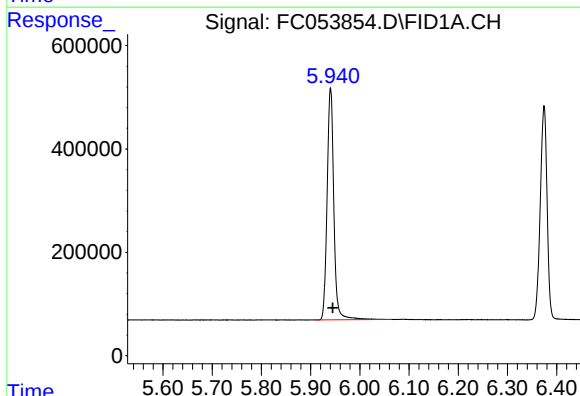
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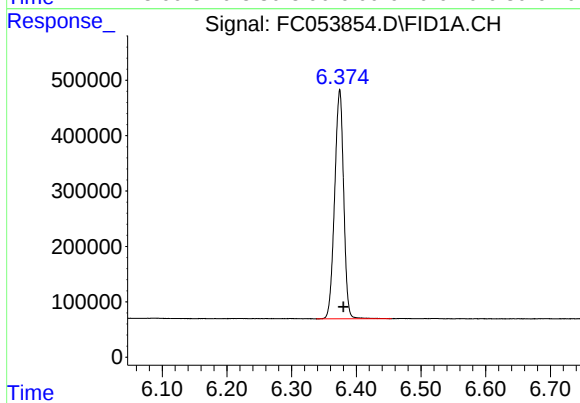
#2 n-Decane (C10)

R.T.: 4.357 min
Delta R.T.: -0.003 min
Response: 3724940
Conc: 31.46 ug/ml



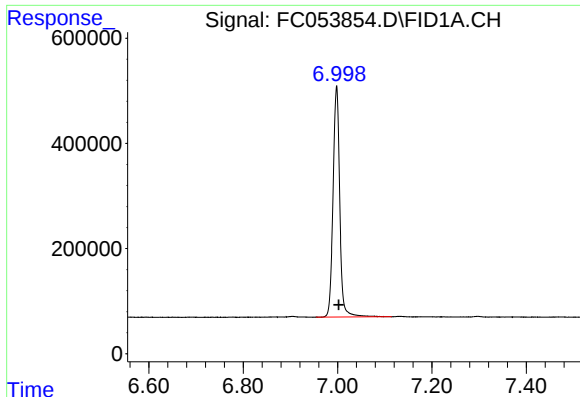
#3 A~Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: -0.004 min
Response: 4246034
Conc: 32.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.374 min
Delta R.T.: -0.006 min
Response: 4000610
Conc: 33.06 ug/ml



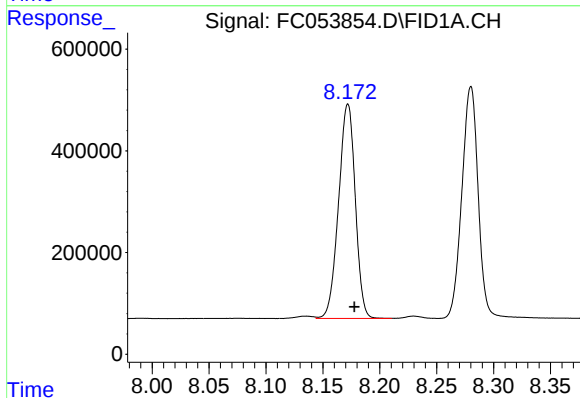
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: -0.005 min
Response: 4322499
Conc: 32.69 ug/ml

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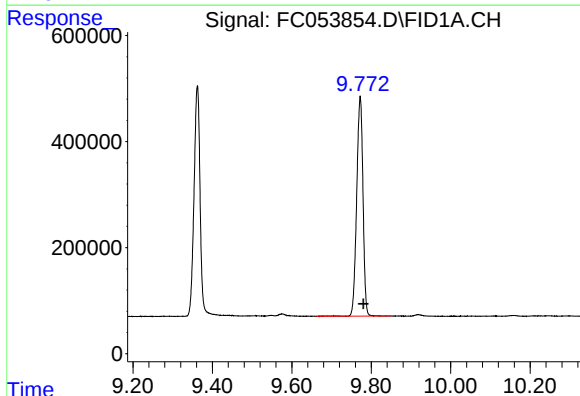
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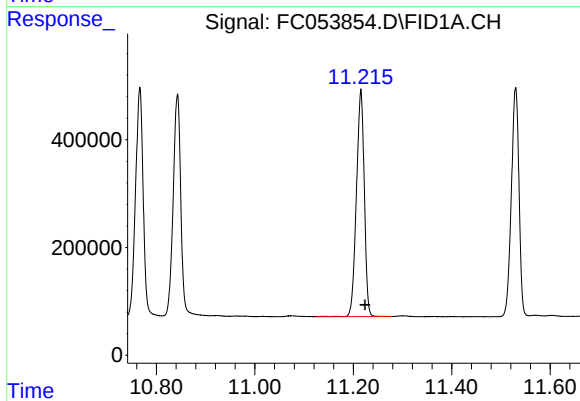
#6 n-Tetradecane (C14)

R.T.: 8.172 min
Delta R.T.: -0.006 min
Response: 4314815
Conc: 35.42 ug/ml



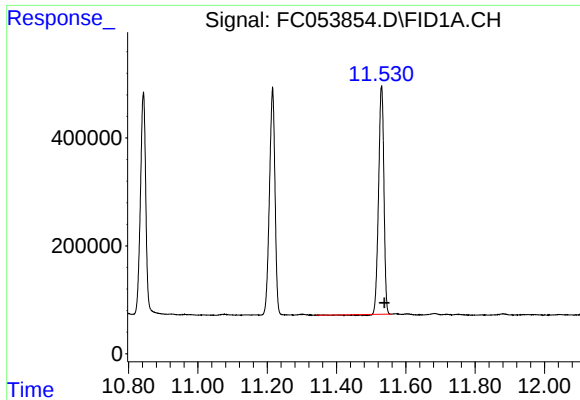
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.008 min
Response: 4550995
Conc: 37.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.215 min
Delta R.T.: -0.009 min
Response: 4669206
Conc: 35.85 ug/ml



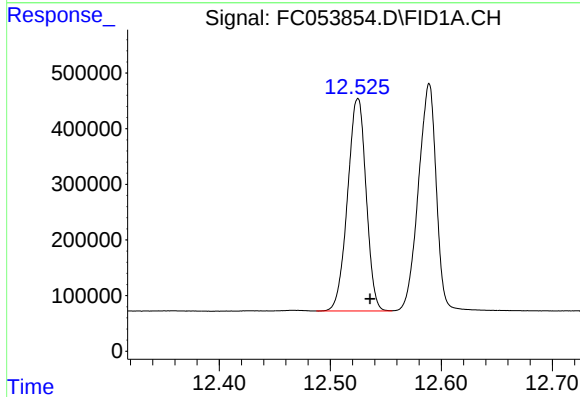
#9 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: -0.008 min
Response: 4471334
Conc: 32.30 ug/ml

Instrument :
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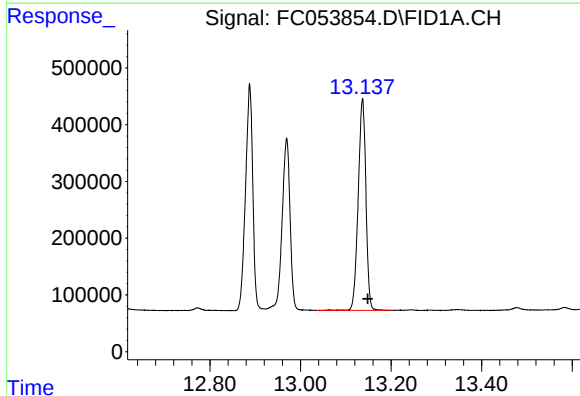
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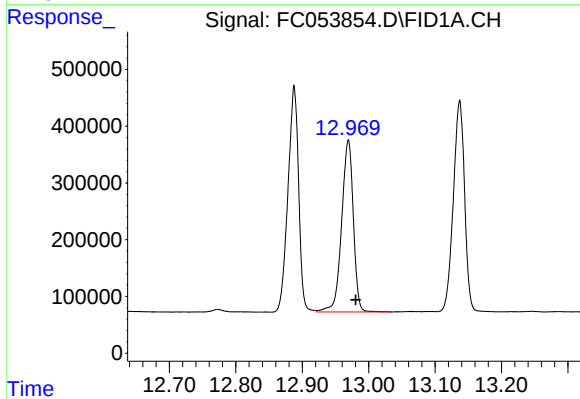
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: -0.011 min
Response: 4440911
Conc: 33.55 ug/ml



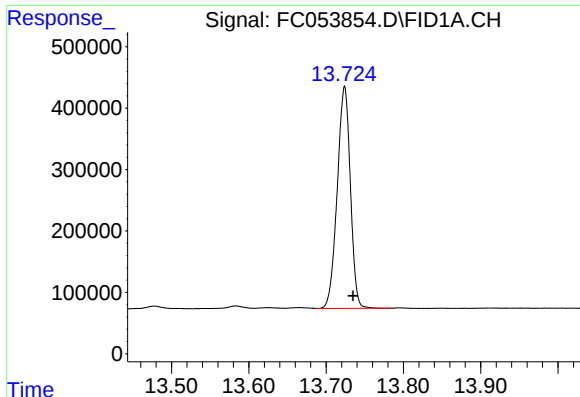
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: -0.011 min
Response: 4408768
Conc: 33.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.969 min
Delta R.T.: -0.011 min
Response: 3705680
Conc: 33.22 ug/ml



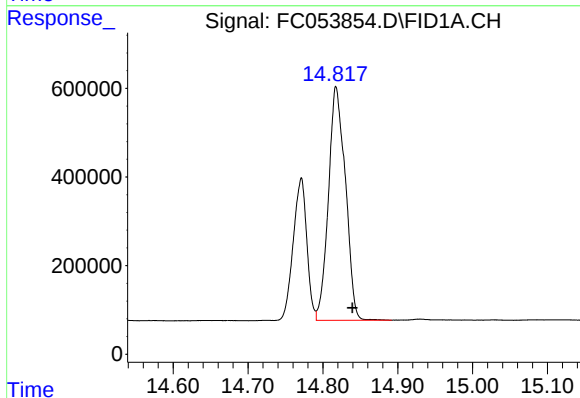
#13 n-Docosane (C22)

R.T.: 13.724 min
Delta R.T.: -0.011 min
Response: 4271070
Conc: 32.11 ug/ml

Instrument :
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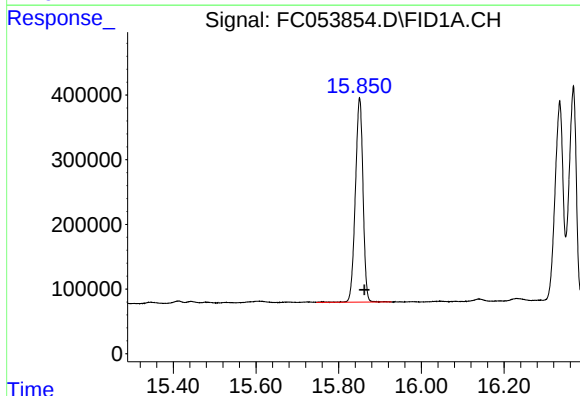
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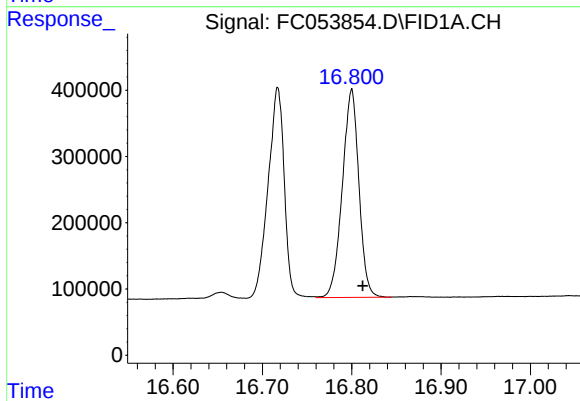
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: -0.022 min
Response: 8295813
Conc: 62.15 ug/ml



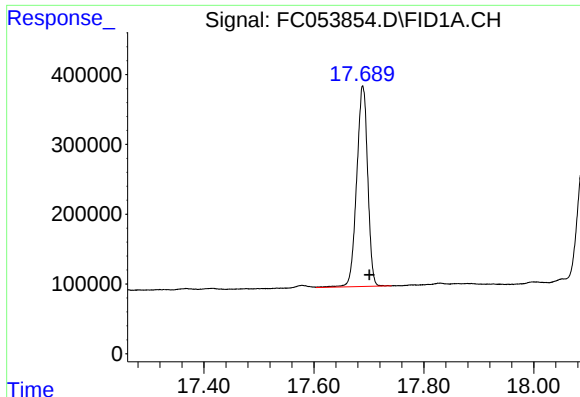
#15 n-Hexacosane (C26)

R.T.: 15.851 min
Delta R.T.: -0.011 min
Response: 4050053
Conc: 30.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.800 min
Delta R.T.: -0.013 min
Response: 4059719
Conc: 31.01 ug/ml



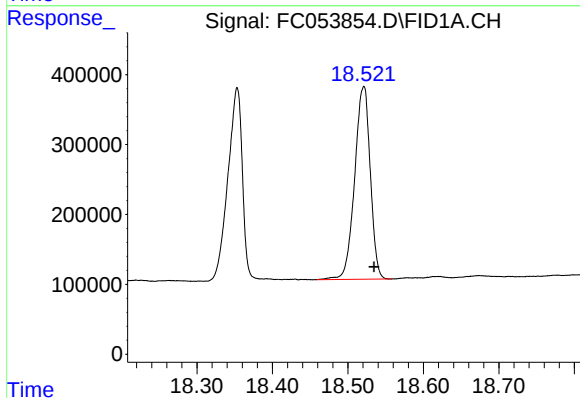
#17 n-Tricontane (C30)

R.T.: 17.689 min
Delta R.T.: -0.012 min
Response: 3989444
Conc: 30.59 ug/ml

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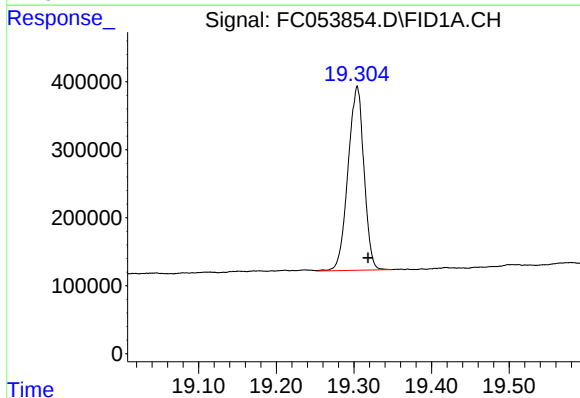
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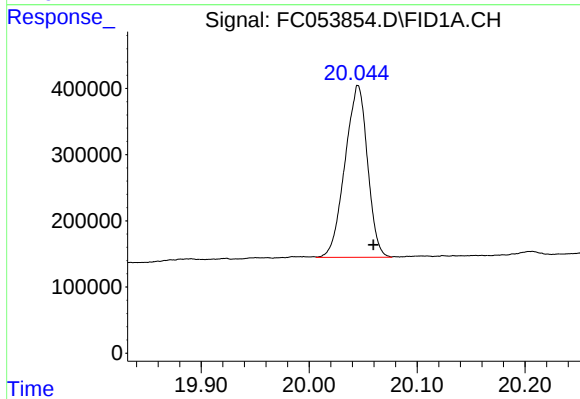
#18 n-Dotriacontane (C32)

R.T.: 18.521 min
Delta R.T.: -0.014 min
Response: 3962179
Conc: 31.40 ug/ml



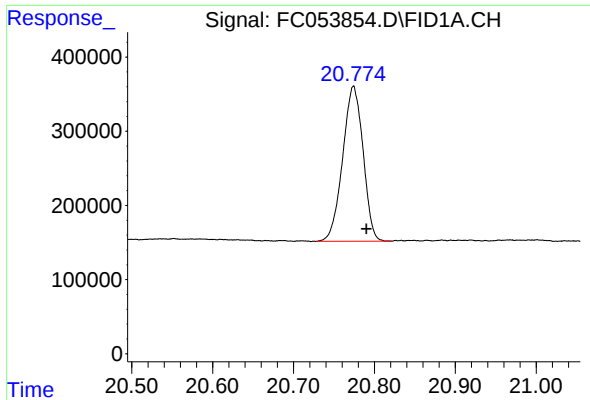
#19 n-Tetratriacontane (C34)

R.T.: 19.304 min
Delta R.T.: -0.014 min
Response: 3861804
Conc: 31.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.044 min
Delta R.T.: -0.015 min
Response: 3771470
Conc: 32.26 ug/ml m



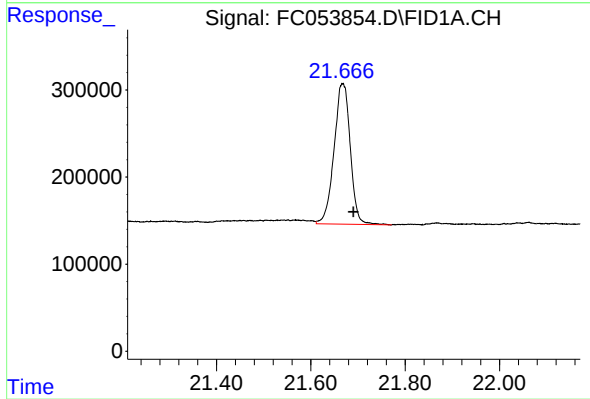
#21 n-Octatriacontane (C38)

R.T.: 20.774 min
Delta R.T.: -0.016 min
Response: 3664478
Conc: 35.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.667 min
Delta R.T.: -0.023 min
Response: 3854065
Conc: 38.68 ug/ml