

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032922AL\
 Data File : FC058971.D
 Signal(s) : FID1A.CH
 Acq On : 30 Mar 2022 9:29
 Operator : UA/NP
 Sample : N2149-04MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PILE-LINDEN-PROPANE-EPH-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/30/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File: sample.E
 Quant Time: Mar 30 14:25:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 2022
 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)	11.094	4865141	33.766 ug/ml
Spiked Amount 50.000		Recovery =	67.53%
12) S 1-chlorooctadecane (S...	12.541	3733985	33.311 ug/ml
Spiked Amount 50.000		Recovery =	66.62%
Target Compounds			
1) T n-Nonane (C9)	2.959	3795036	30.968 ug/ml
2) T n-Decane (C10)	4.000	4234232	34.552 ug/ml
3) T A~Naphthalene (C11.7)	5.544	5028128	40.047 ug/ml
4) T n-Dodecane (C12)	5.997	4923104	38.544 ug/ml
5) T A~2-methylnaphthalene...	6.592	5237942	40.858 ug/ml
6) T n-Tetradecane (C14)	7.782	5350962	41.154 ug/ml
7) T n-Hexadecane (C16)	9.371	5840210	43.980 ug/ml
8) T n-Octadecane (C18)	10.805	6400286	48.139 ug/ml
10) T n-Eicosane (C20)	12.116	12690742	96.858 ug/ml
11) T n-Heneicosane (C21)	12.715	6219786	47.669 ug/ml
13) T n-Docosane (C22)	13.299	6189765	47.781 ug/ml
14) T n-Tetracosane (C24)	14.396	6641795	52.577 ug/ml
15) T n-Hexacosane (C26)	15.413	5803118	48.042 ug/ml
16) T n-Octacosane (C28)	16.357	5793333	48.925 ug/ml
17) T n-Tricontane (C30)	17.242	5379904	47.160 ug/ml
18) T n-Dotriacontane (C32)	18.068	5272028	49.212 ug/ml
19) T n-Tetratriacontane (C34)	18.848	4668092	46.202 ug/ml
20) T n-Hexatriacontane (C36)	19.584	3922123	41.049 ug/ml
21) T n-Octatriacontane (C38)	20.281	3202831	34.806 ug/mlm
22) T n-Tetracontane (C40)	21.023	2715633	29.220 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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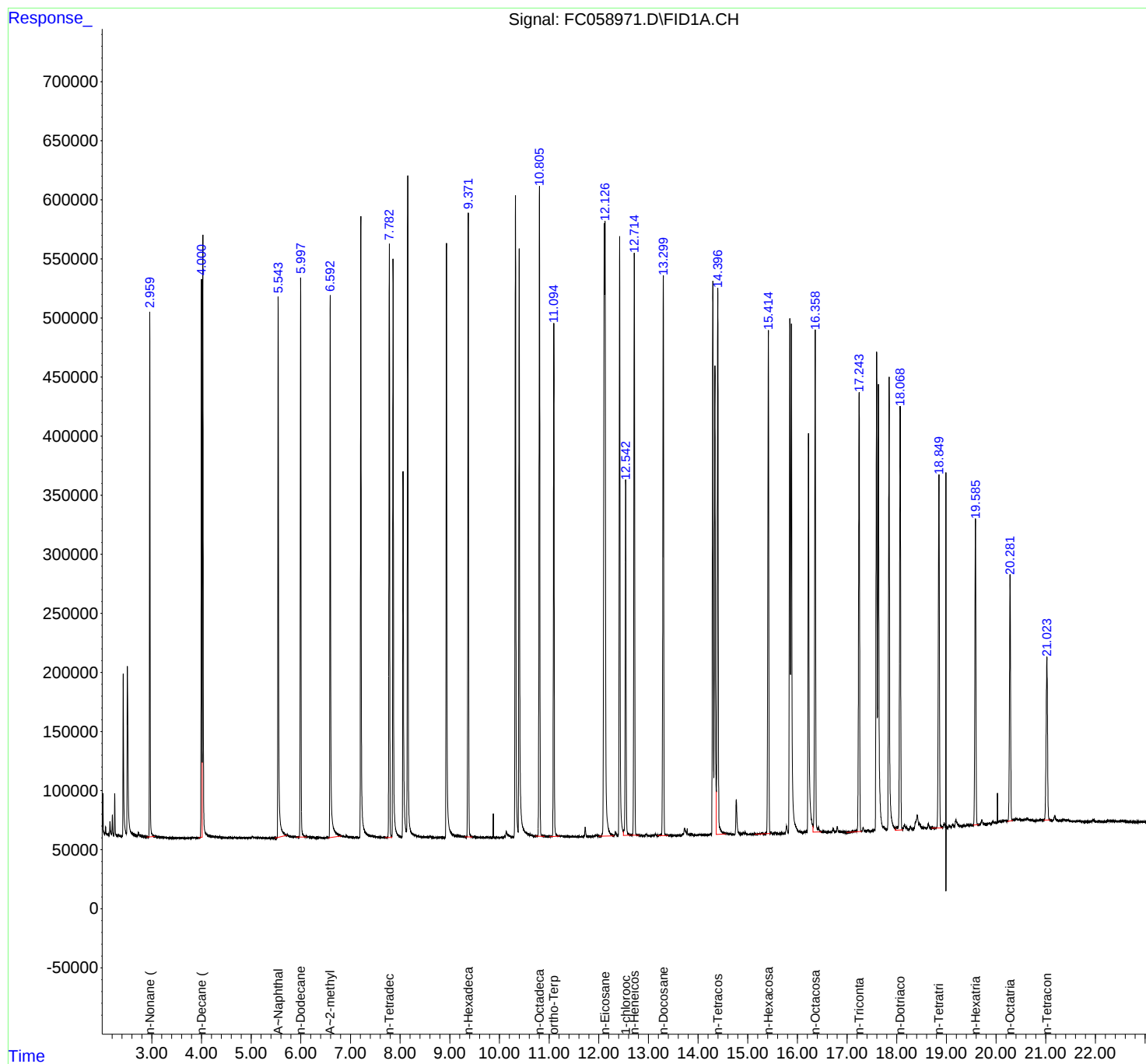
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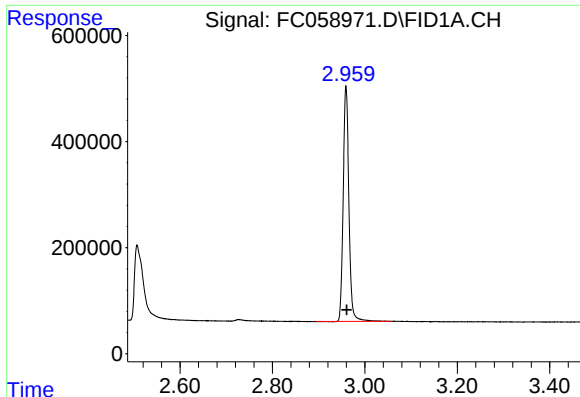
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#1 n-Nonane (C9)

R.T.: 2.959 min
Delta R.T.: -0.002 min
Response: 3795036
Conc: 30.97 ug/ml

Instrument :

FID_C

ClientSampleId :

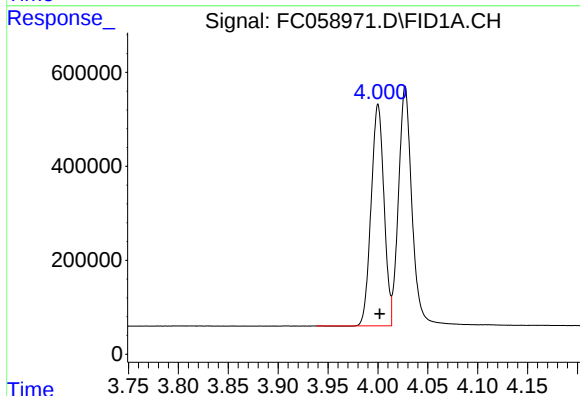
PILE-LINDEN-PROPANE-EPH-2MS

Manual Integrations

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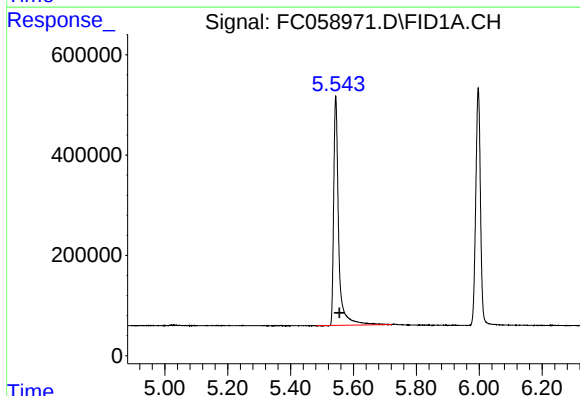
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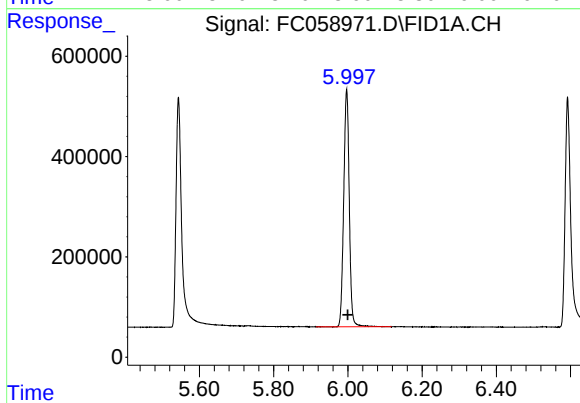
#2 n-Decane (C10)

R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 4234232
Conc: 34.55 ug/ml



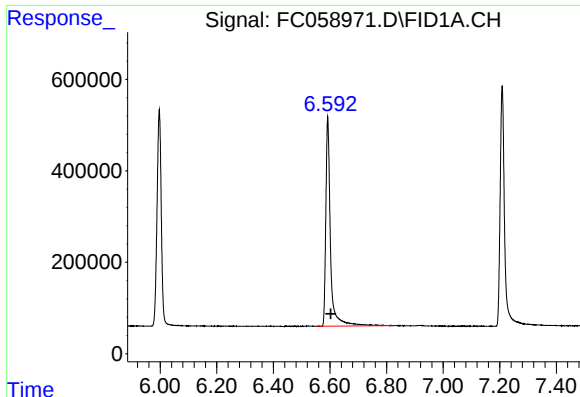
#3 A~Naphthalene (C11.7)

R.T.: 5.544 min
Delta R.T.: -0.011 min
Response: 5028128
Conc: 40.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.997 min
Delta R.T.: -0.003 min
Response: 4923104
Conc: 38.54 ug/ml



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

R.T.: 6.592 min
Delta R.T.: -0.010 min
Response: 5237942
Conc: 40.86 ug/ml

Instrument :

FID_C

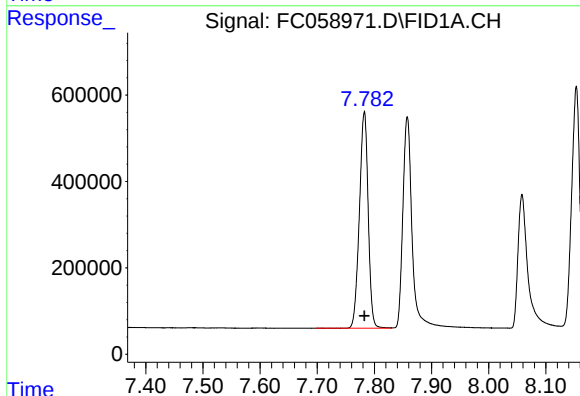
ClientSampleId :

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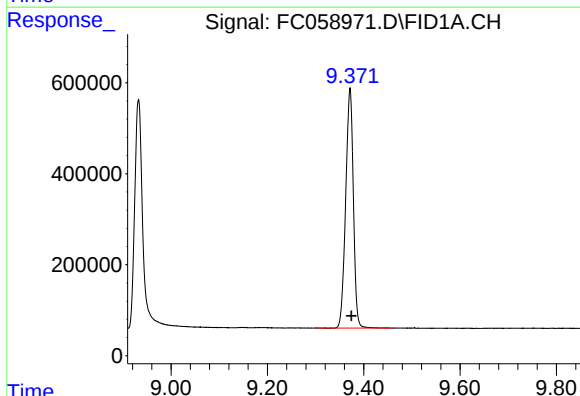
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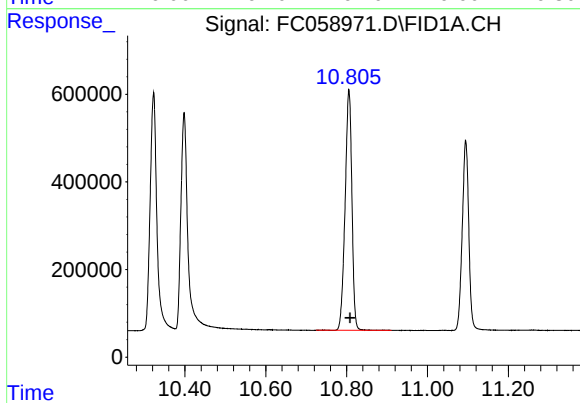
#6 n-Tetradecane (C14)

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 5350962
Conc: 41.15 ug/ml



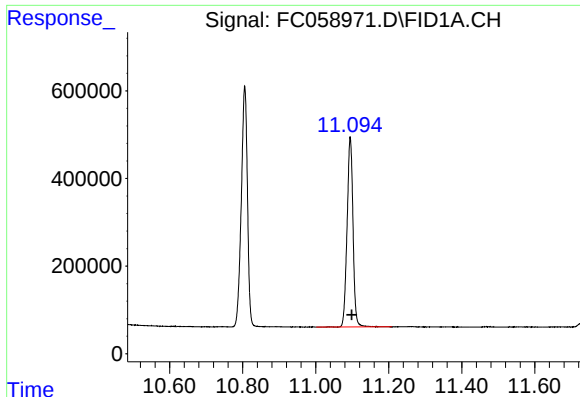
#7 n-Hexadecane (C16)

R.T.: 9.371 min
Delta R.T.: -0.004 min
Response: 5840210
Conc: 43.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.805 min
Delta R.T.: -0.003 min
Response: 6400286
Conc: 48.14 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.094 min
Delta R.T.: -0.004 min
Response: 4865141
Conc: 33.77 ug/ml

Instrument :

FID_C

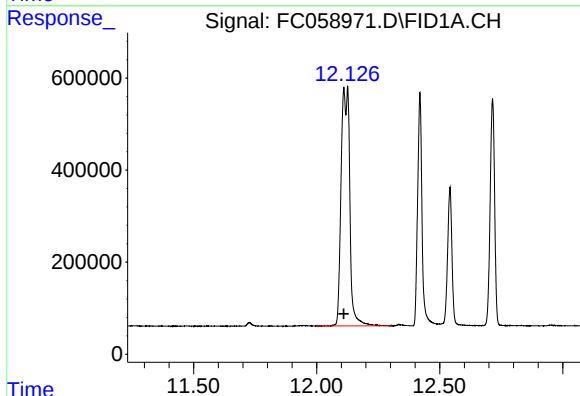
ClientSampleId :

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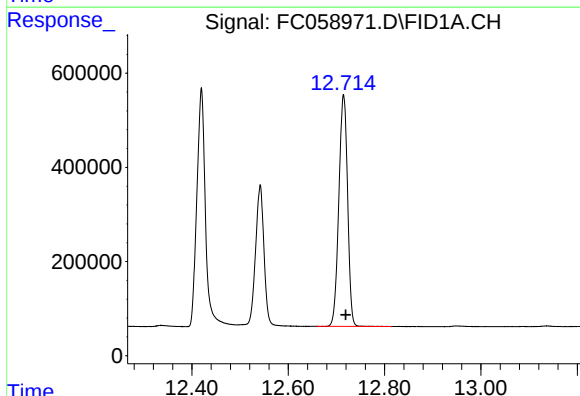
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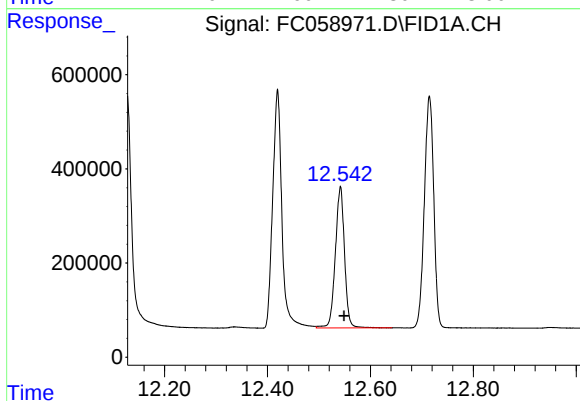
#10 n-Eicosane (C20)

R.T.: 12.116 min
Delta R.T.: 0.006 min
Response: 12690742
Conc: 96.86 ug/ml



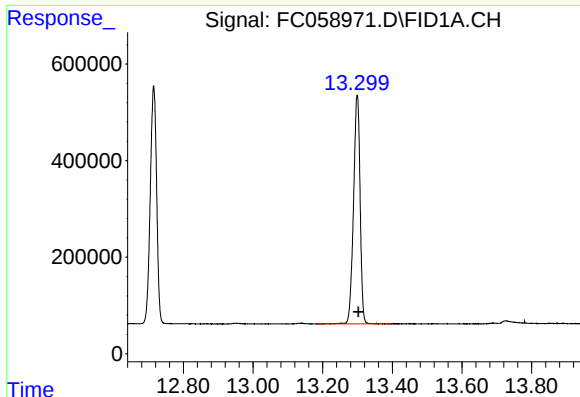
#11 n-Heneicosane (C21)

R.T.: 12.715 min
Delta R.T.: -0.005 min
Response: 6219786
Conc: 47.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.541 min
Delta R.T.: -0.007 min
Response: 3733985
Conc: 33.31 ug/ml



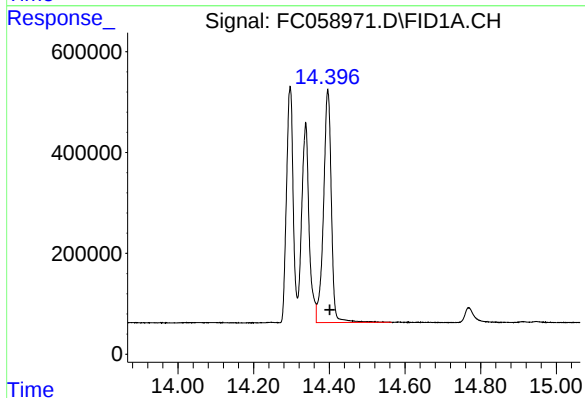
#13 n-Docosane (C22)

R.T.: 13.299 min
Delta R.T.: -0.004 min
Response: 6189765
Conc: 47.78 ug/ml

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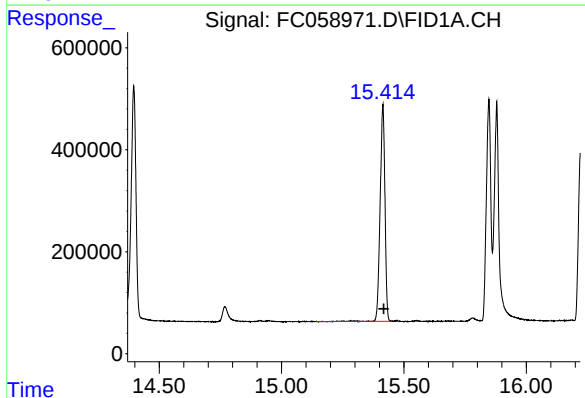
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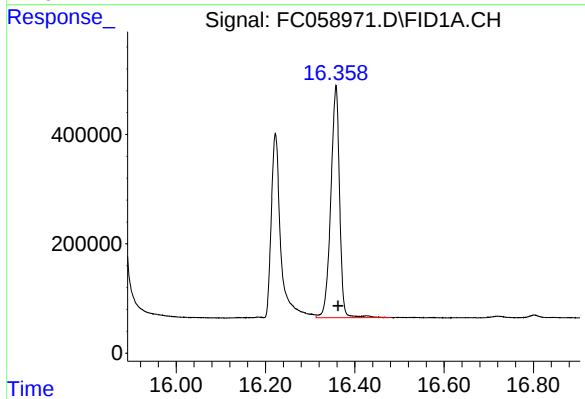
#14 n-Tetracosane (C24)

R.T.: 14.396 min
Delta R.T.: -0.005 min
Response: 6641795
Conc: 52.58 ug/ml



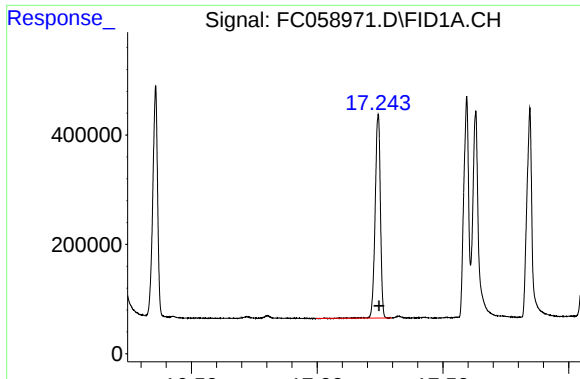
#15 n-Hexacosane (C26)

R.T.: 15.413 min
Delta R.T.: -0.004 min
Response: 5803118
Conc: 48.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.357 min
Delta R.T.: -0.006 min
Response: 5793333
Conc: 48.93 ug/ml



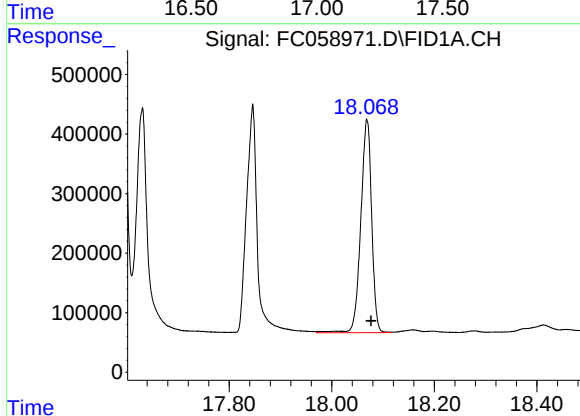
#17 n-Tricontane (C30)

R.T.: 17.242 min
Delta R.T.: -0.004 min
Response: 5379904
Conc: 47.16 ug/ml

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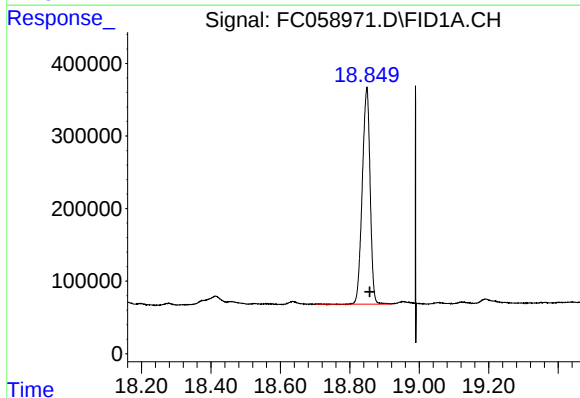
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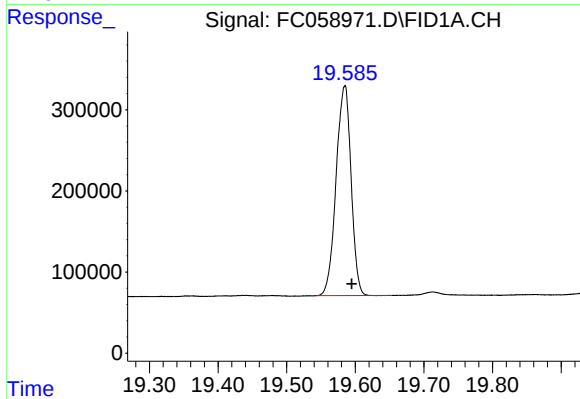
#18 n-Dotriacontane (C32)

R.T.: 18.068 min
Delta R.T.: -0.008 min
Response: 5272028
Conc: 49.21 ug/ml



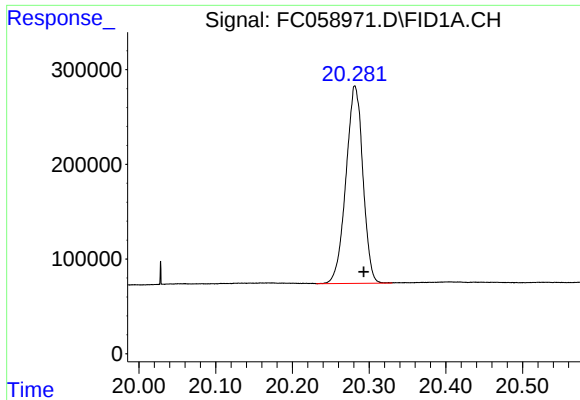
#19 n-Tetratriacontane (C34)

R.T.: 18.848 min
Delta R.T.: -0.010 min
Response: 4668092
Conc: 46.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.584 min
Delta R.T.: -0.011 min
Response: 3922123
Conc: 41.05 ug/ml



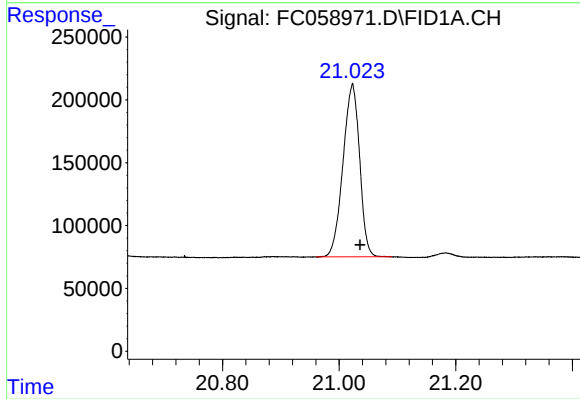
#21 n-Octatriacontane (C38)

R.T.: 20.281 min
Delta R.T.: -0.012 min
Response: 3202831
Conc: 34.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.023 min
Delta R.T.: -0.013 min
Response: 2715633
Conc: 29.22 ug/ml m