

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041322AL\
 Data File : FC059214.D
 Signal(s) : FID1A.CH
 Acq On : 14 Apr 2022 3:31
 Operator : UA/NP
 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

Reviewed By :Yogesh Patel 04/14/2022
 Supervised By :mohammad ahmed 04/18/2022

Integration File: autoint1.e
 Quant Time: Apr 14 07:33:42 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)	11.101	2920516	20.270 ug/ml
Spiked Amount 50.000		Recovery =	40.54%
12) S 1-chlorooctadecane (S...	12.549	2269614	20.247 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
Target Compounds			
1) T n-Nonane (C9)	2.963	2693890	21.983 ug/ml
2) T n-Decane (C10)	4.005	2689428	21.946 ug/ml
3) T A~Naphthalene (C11.7)	5.554	2753109	21.928 ug/ml
4) T n-Dodecane (C12)	6.003	2781354	21.776 ug/ml
5) T A~2-methylnaphthalene...	6.601	2773808	21.637 ug/ml
6) T n-Tetradecane (C14)	7.785	2783635	21.409 ug/ml
7) T n-Hexadecane (C16)	9.376	2760571	20.789 ug/ml
8) T n-Octadecane (C18)	10.810	2742835	20.630 ug/ml
10) T n-Eicosane (C20)	12.112	2668734	20.368 ug/ml
11) T n-Heneicosane (C21)	12.721	2648876	20.301 ug/ml
13) T n-Docosane (C22)	13.304	2615916	20.193 ug/ml
14) T n-Tetracosane (C24)	14.402	2571107	20.353 ug/ml
15) T n-Hexacosane (C26)	15.419	2490592	20.619 ug/ml
16) T n-Octacosane (C28)	16.365	2492477	21.049 ug/ml
17) T n-Tricontane (C30)	17.249	2496973	21.889 ug/ml
18) T n-Dotriacontane (C32)	18.077	2419812	22.588 ug/mlm
19) T n-Tetratriacontane (C34)	18.858	2288165	22.647 ug/mlm
20) T n-Hexatriacontane (C36)	19.596	2139175	22.388 ug/ml
21) T n-Octatriacontane (C38)	20.295	2029318	22.053 ug/ml
22) T n-Tetracontane (C40)	21.039	2035854	21.905 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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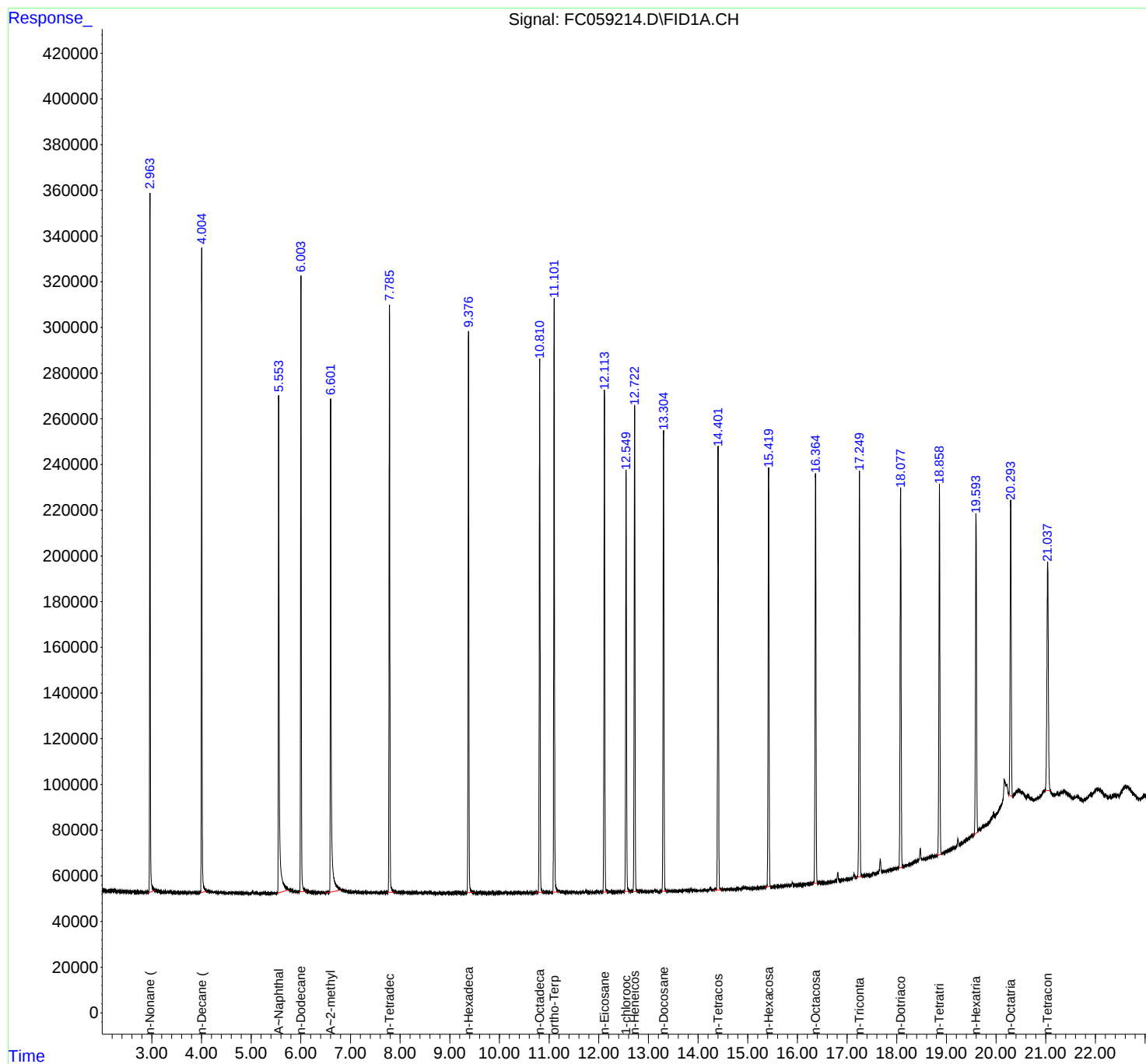
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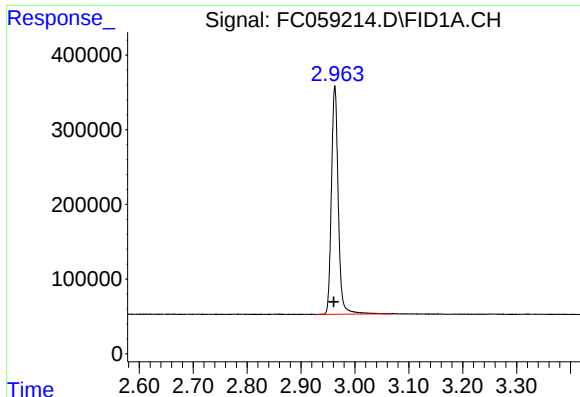
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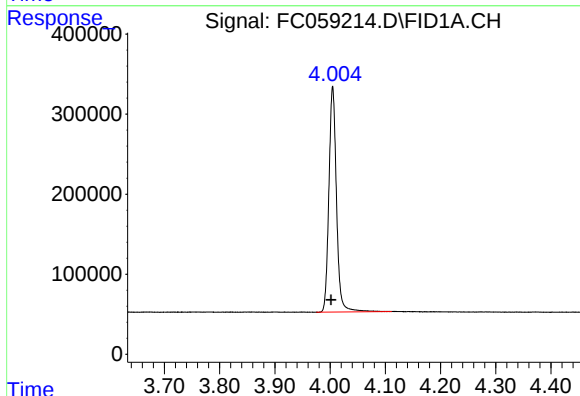
#1 n-Nonane (C9)

R.T.: 2.963 min
Delta R.T.: 0.002 min
Response: 2693890
Conc: 21.98 ug/ml

Instrument :
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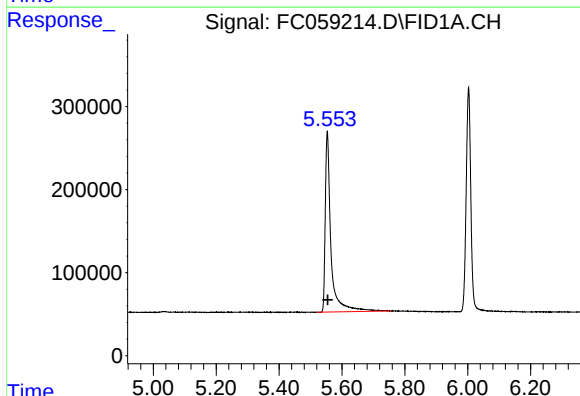
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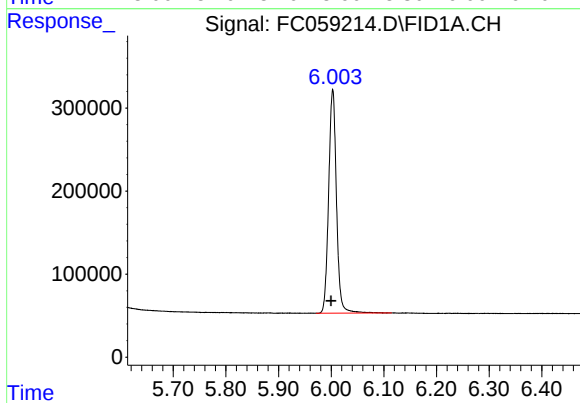
#2 n-Decane (C10)

R.T.: 4.005 min
Delta R.T.: 0.003 min
Response: 2689428
Conc: 21.95 ug/ml



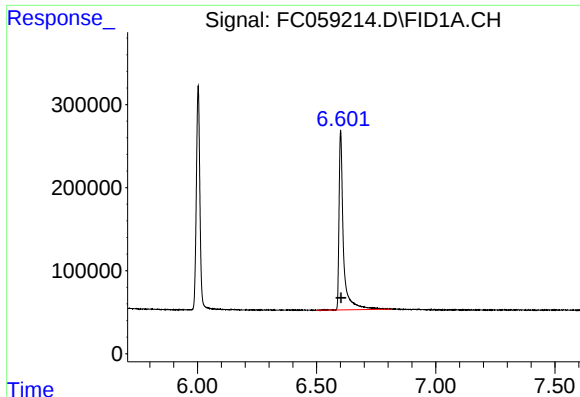
#3 A~Naphthalene (C11.7)

R.T.: 5.554 min
Delta R.T.: -0.001 min
Response: 2753109
Conc: 21.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.003 min
Delta R.T.: 0.003 min
Response: 2781354
Conc: 21.78 ug/ml



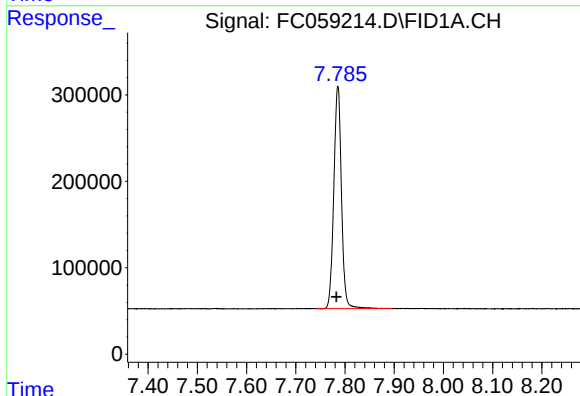
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.601 min
Delta R.T.: -0.002 min
Response: 2773808
Conc: 21.64 ug/ml

Instrument :
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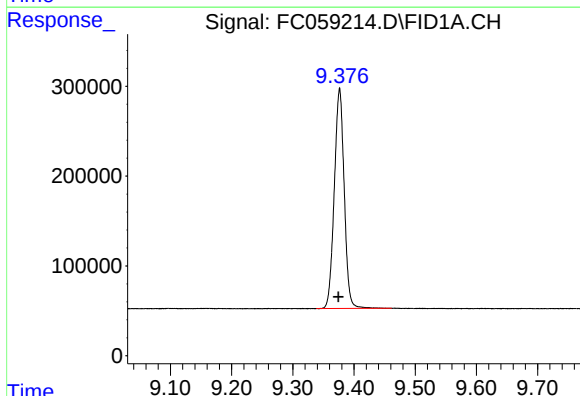
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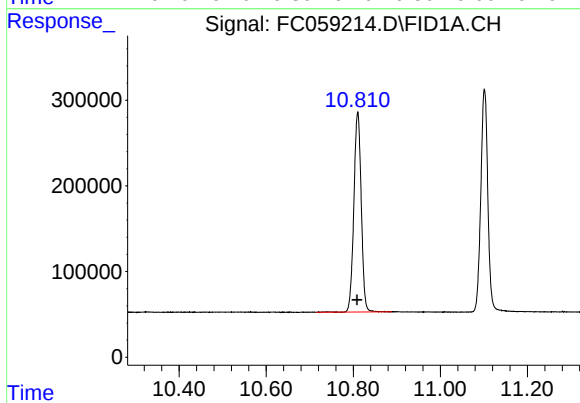
#6 n-Tetradecane (C14)

R.T.: 7.785 min
Delta R.T.: 0.003 min
Response: 2783635
Conc: 21.41 ug/ml



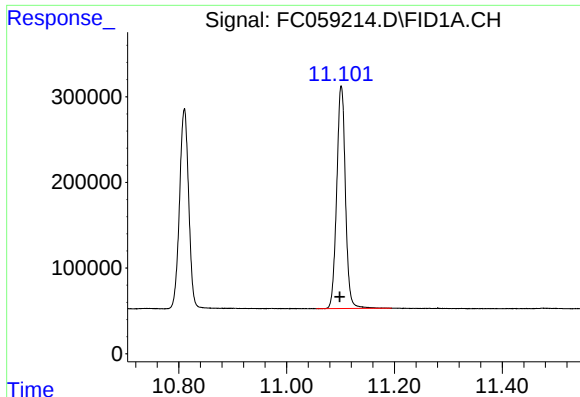
#7 n-Hexadecane (C16)

R.T.: 9.376 min
Delta R.T.: 0.002 min
Response: 2760571
Conc: 20.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.810 min
Delta R.T.: 0.002 min
Response: 2742835
Conc: 20.63 ug/ml



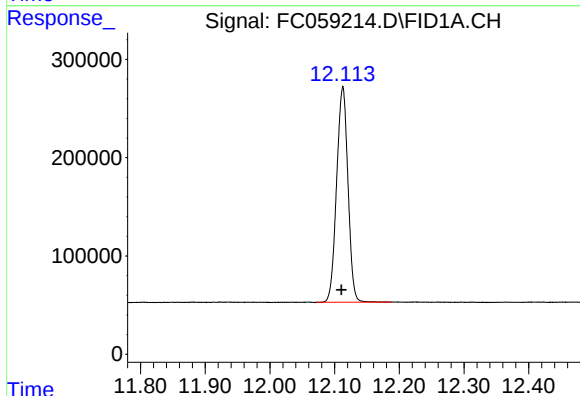
#9 ortho-Terphenyl (SURR)

R.T.: 11.101 min
Delta R.T.: 0.003 min
Response: 2920516
Conc: 20.27 ug/ml

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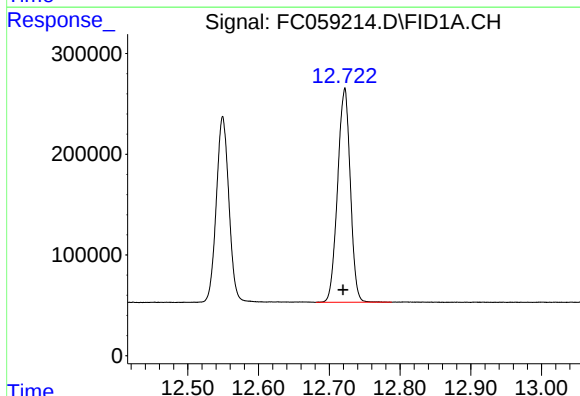
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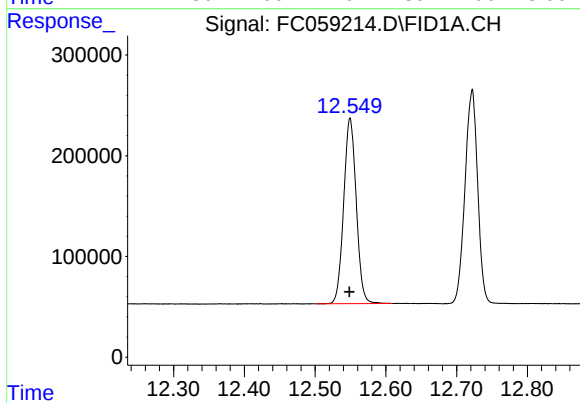
#10 n-Eicosane (C20)

R.T.: 12.112 min
Delta R.T.: 0.002 min
Response: 2668734
Conc: 20.37 ug/ml



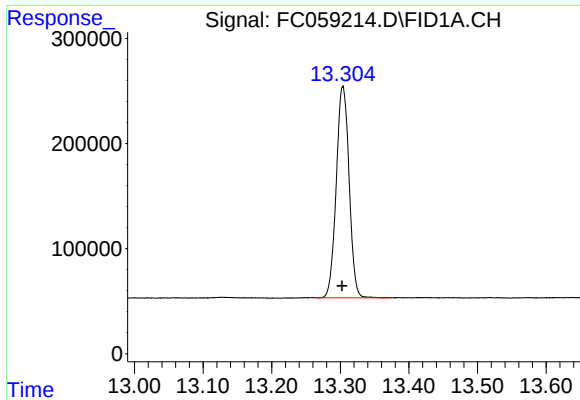
#11 n-Heneicosane (C21)

R.T.: 12.721 min
Delta R.T.: 0.002 min
Response: 2648876
Conc: 20.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.549 min
Delta R.T.: 0.000 min
Response: 2269614
Conc: 20.25 ug/ml



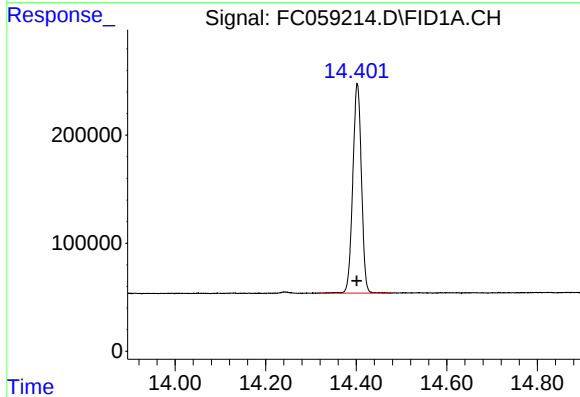
#13 n-Docosane (C22)

R.T.: 13.304 min
Delta R.T.: 0.001 min
Response: 2615916
Conc: 20.19 ug/ml

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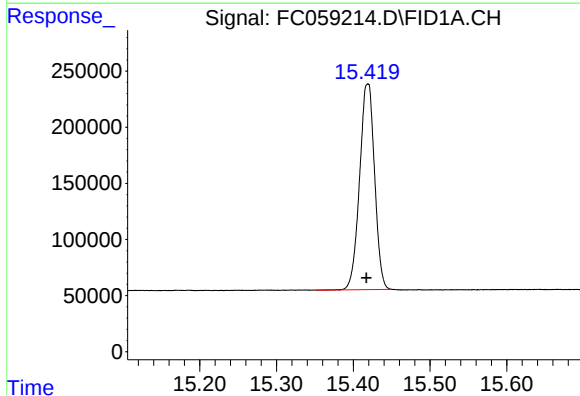
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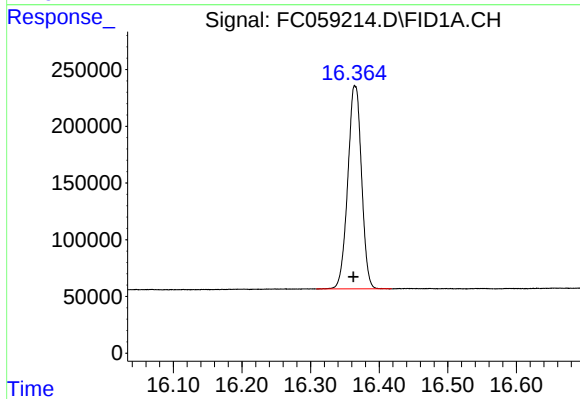
#14 n-Tetracosane (C24)

R.T.: 14.402 min
Delta R.T.: 0.001 min
Response: 2571107
Conc: 20.35 ug/ml



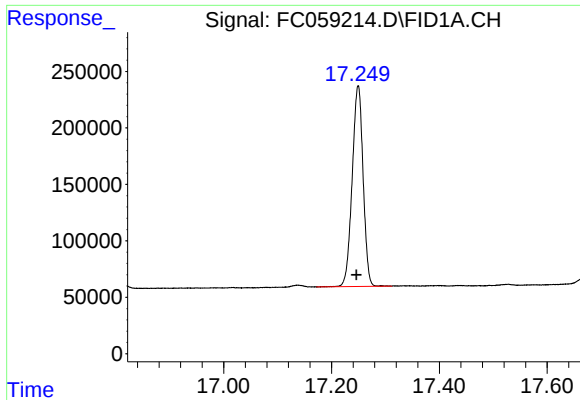
#15 n-Hexacosane (C26)

R.T.: 15.419 min
Delta R.T.: 0.002 min
Response: 2490592
Conc: 20.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.365 min
Delta R.T.: 0.002 min
Response: 2492477
Conc: 21.05 ug/ml



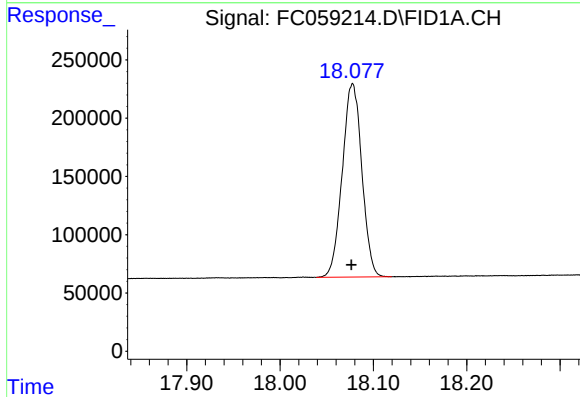
#17 n-Tricontane (C30)

R.T.: 17.249 min
Delta R.T.: 0.003 min
Response: 2496973
Conc: 21.89 ug/ml

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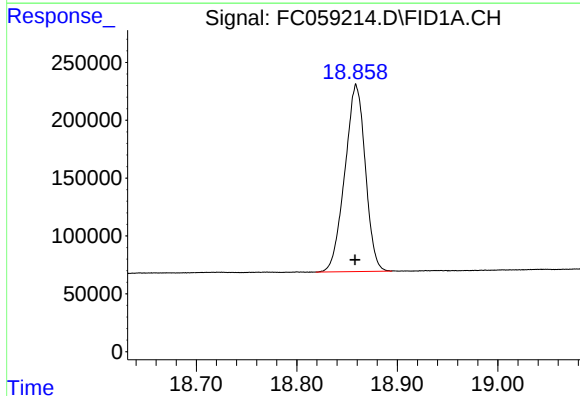
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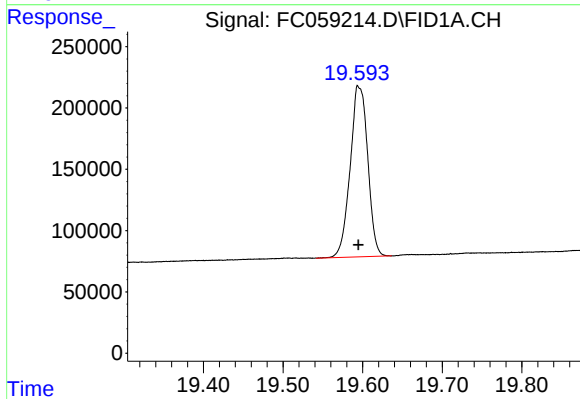
#18 n-Dotriacontane (C32)

R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 2419812
Conc: 22.59 ug/ml m



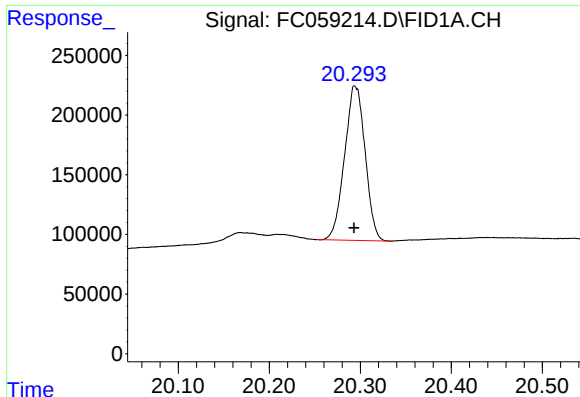
#19 n-Tetratriacontane (C34)

R.T.: 18.858 min
Delta R.T.: 0.000 min
Response: 2288165
Conc: 22.65 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.596 min
Delta R.T.: 0.000 min
Response: 2139175
Conc: 22.39 ug/ml



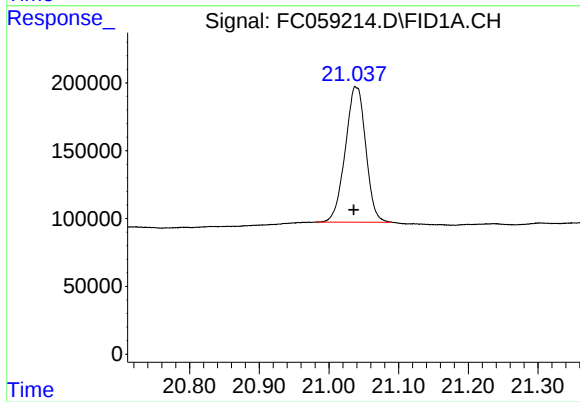
#21 n-Octatriacontane (C38)

R.T.: 20.295 min
Delta R.T.: 0.002 min
Response: 2029318
Conc: 22.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.039 min
Delta R.T.: 0.003 min
Response: 2035854
Conc: 21.91 ug/ml