

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051722AL\
 Data File : FC059813.D
 Signal(s) : FID1A.CH
 Acq On : 17 May 2022 20:58
 Operator : UA/NP
 Sample : N2859-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PE-E3MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/18/2022
 Supervised By :mohammad ahmed 05/18/2022

Integration File: autoint1.e
 Quant Time: May 18 00:04:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 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)	10.651	3565824	24.283 ug/ml
Spiked Amount 50.000		Recovery =	48.57%
12) S 1-chlorooctadecane (S...	12.020	2771805	24.086 ug/ml
Spiked Amount 50.000		Recovery =	48.17%
Target Compounds			
1) T n-Nonane (C9)	2.631	5427391	42.500 ug/ml
2) T n-Decane (C10)	3.628	6480720	51.172 ug/mlm
3) T A~Naphthalene (C11.7)	5.162	7954207	54.020 ug/ml
4) T n-Dodecane (C12)	5.582	7326071	55.708 ug/ml
5) T A~2-methylnaphthalene...	6.188	8139999	54.152 ug/ml
6) T n-Tetradecane (C14)	7.337	7703548	57.250 ug/ml
7) T n-Hexadecane (C16)	8.900	7895479	57.541 ug/ml
8) T n-Octadecane (C18)	10.310	8113646	58.877 ug/ml
10) T n-Eicosane (C20)	11.591	7613728	56.609 ug/ml
11) T n-Heneicosane (C21)	12.188	7444513	55.805 ug/ml
13) T n-Docosane (C22)	12.761	7265062	55.357 ug/ml
14) T n-Tetracosane (C24)	13.834	13655444	108.530 ug/ml
15) T n-Hexacosane (C26)	14.840	6704773	56.140 ug/ml
16) T n-Octacosane (C28)	15.765	6508611	57.170 ug/ml
17) T n-Tricontane (C30)	16.637	6210839	56.501 ug/ml
18) T n-Dotriacontane (C32)	17.446	6187930	59.855 ug/mlm
19) T n-Tetratriacontane (C34)	18.210	5613696	57.499 ug/mlm
20) T n-Hexatriacontane (C36)	18.931	5332810	57.445 ug/mlm
21) T n-Octatriacontane (C38)	19.616	5109000	53.670 ug/mlm
22) T n-Tetracontane (C40)	20.266	4985474	52.665 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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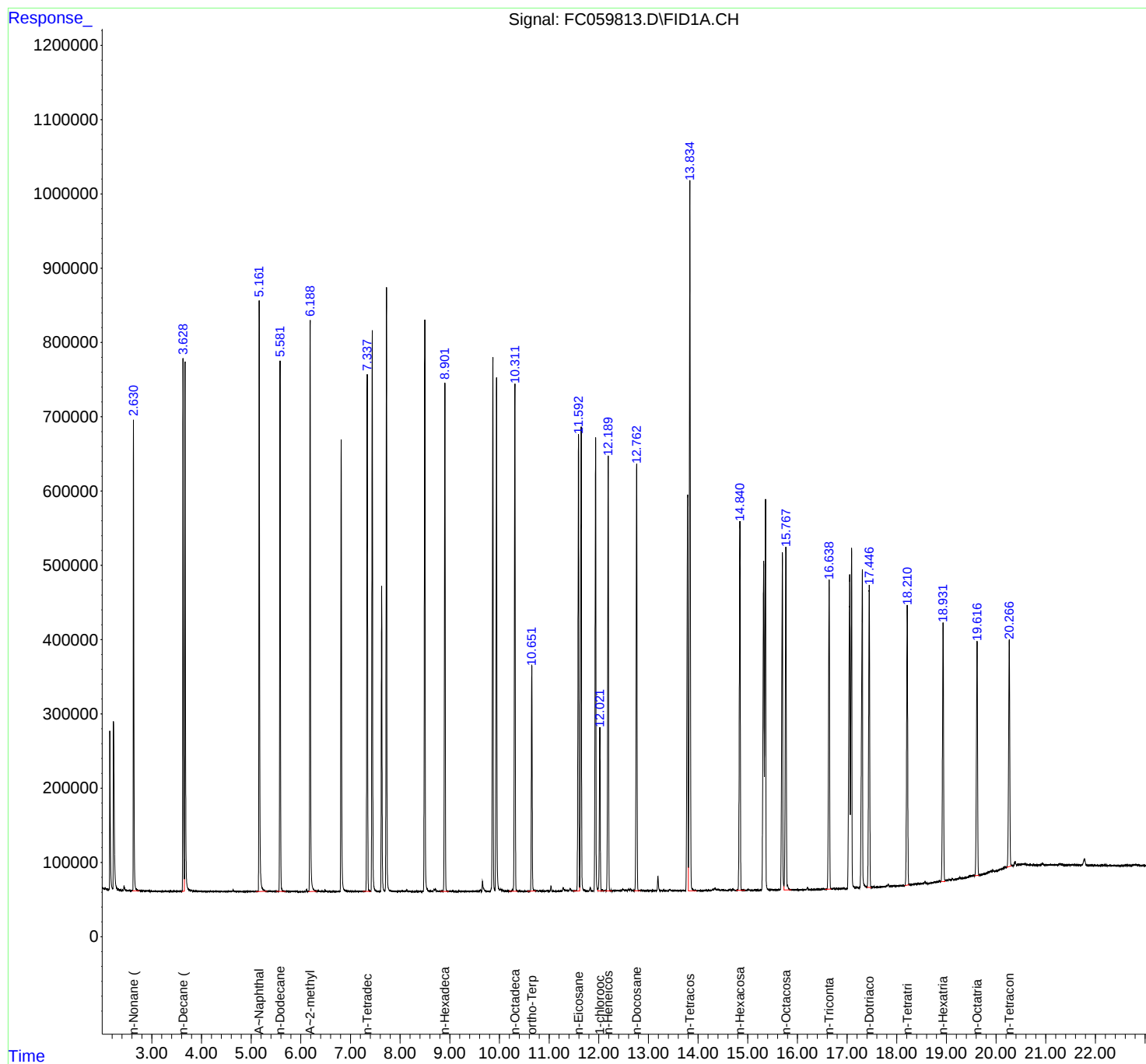
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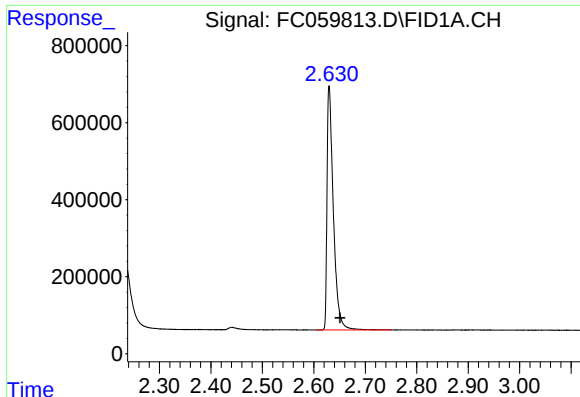
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#1 n-Nonane (C9)

R.T.: 2.631 min
Delta R.T.: -0.020 min
Response: 5427391
Conc: 42.50 ug/ml

Instrument :

FID_C

ClientSampleId :

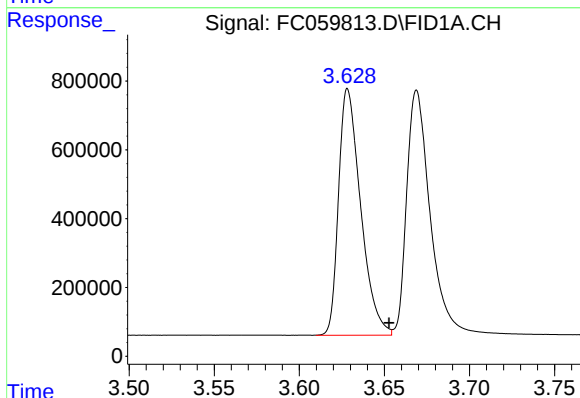
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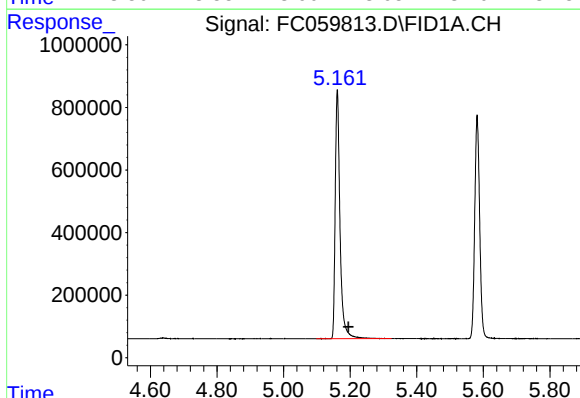
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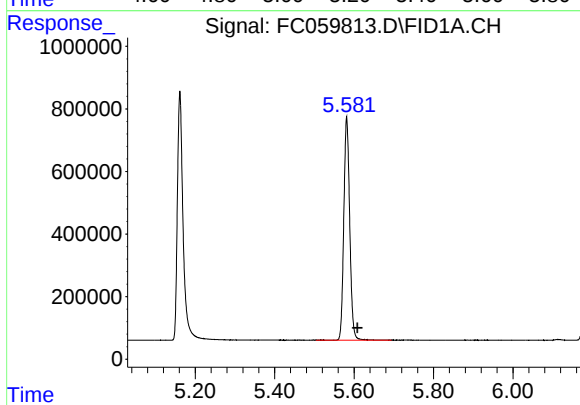
#2 n-Decane (C10)

R.T.: 3.628 min
Delta R.T.: -0.025 min
Response: 6480720
Conc: 51.17 ug/ml m



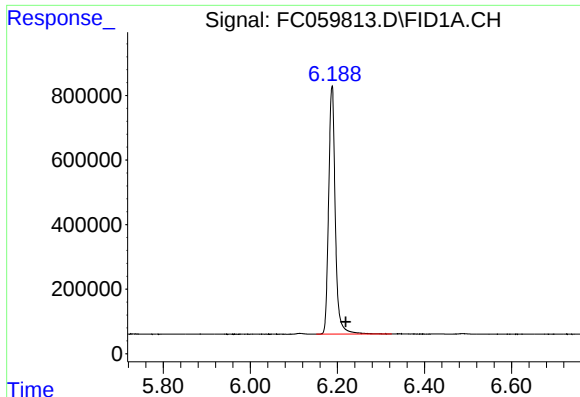
#3 A~Naphthalene (C11.7)

R.T.: 5.162 min
Delta R.T.: -0.033 min
Response: 7954207
Conc: 54.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.582 min
Delta R.T.: -0.027 min
Response: 7326071
Conc: 55.71 ug/ml



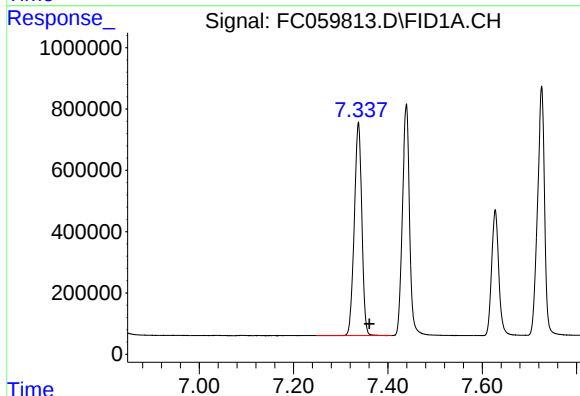
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.188 min
Delta R.T.: -0.032 min
Response: 8139999
Conc: 54.15 ug/ml

Instrument :
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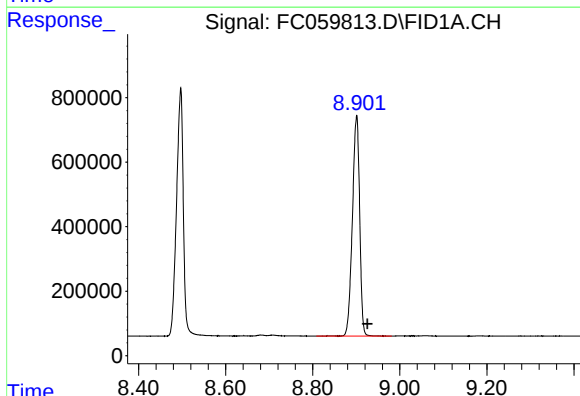
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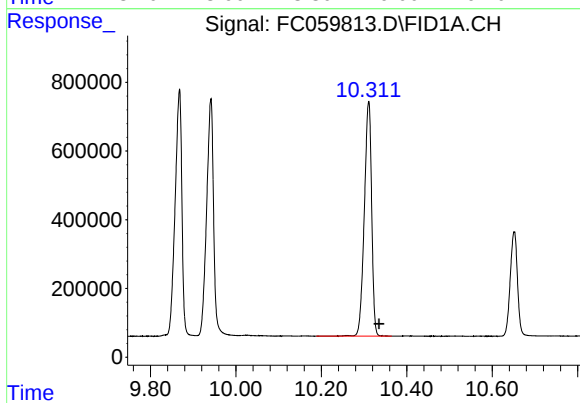
#6 n-Tetradecane (C14)

R.T.: 7.337 min
Delta R.T.: -0.024 min
Response: 7703548
Conc: 57.25 ug/ml



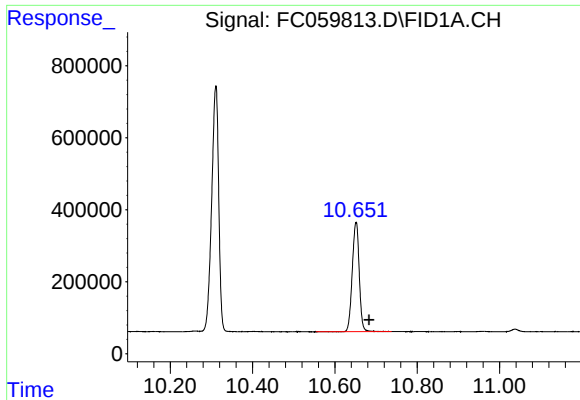
#7 n-Hexadecane (C16)

R.T.: 8.900 min
Delta R.T.: -0.025 min
Response: 7895479
Conc: 57.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.310 min
Delta R.T.: -0.025 min
Response: 8113646
Conc: 58.88 ug/ml



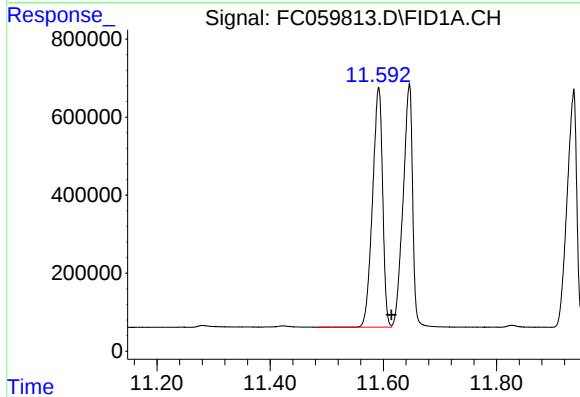
#9 ortho-Terphenyl (SURR)

R.T.: 10.651 min
Delta R.T.: -0.032 min
Response: 3565824
Conc: 24.28 ug/ml

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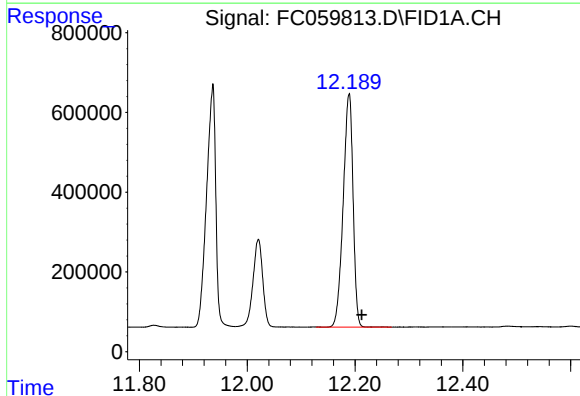
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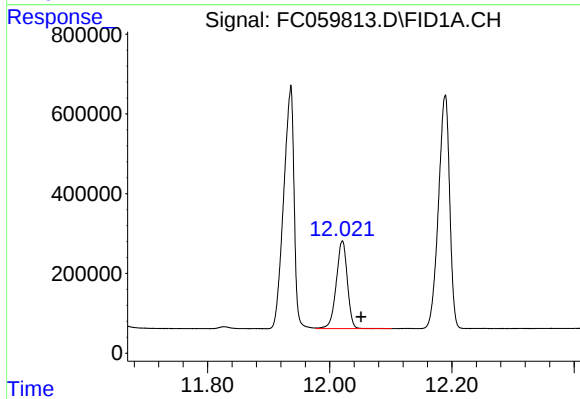
#10 n-Eicosane (C20)

R.T.: 11.591 min
Delta R.T.: -0.024 min
Response: 7613728
Conc: 56.61 ug/ml



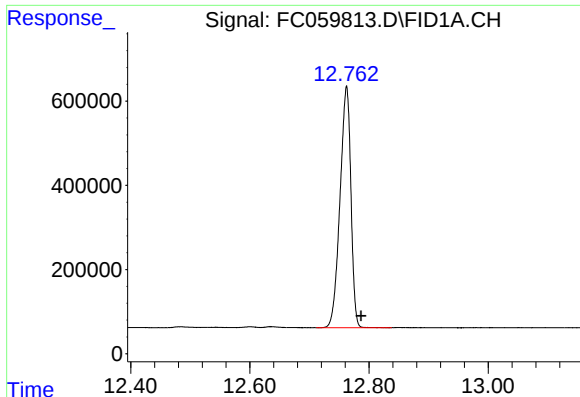
#11 n-Heneicosane (C21)

R.T.: 12.188 min
Delta R.T.: -0.025 min
Response: 7444513
Conc: 55.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.020 min
Delta R.T.: -0.031 min
Response: 2771805
Conc: 24.09 ug/ml



#13 n-Docosane (C22)

R.T.: 12.761 min
Delta R.T.: -0.025 min
Response: 7265062
Conc: 55.36 ug/ml

Instrument :

FID_C

ClientSampleId :

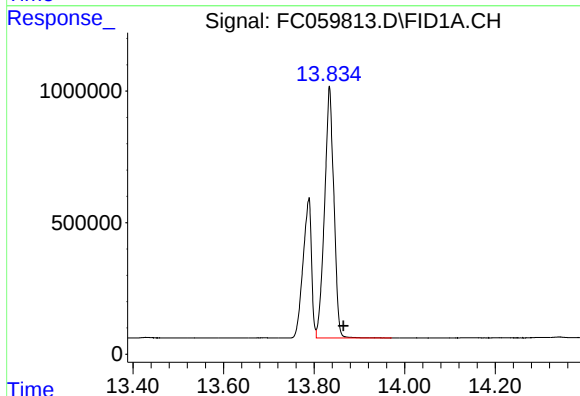
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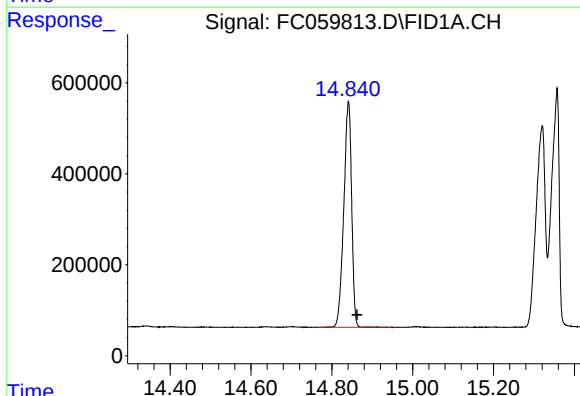
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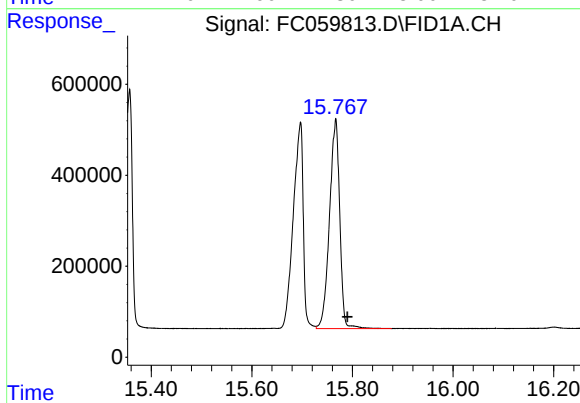
#14 n-Tetracosane (C24)

R.T.: 13.834 min
Delta R.T.: -0.031 min
Response: 13655444
Conc: 108.53 ug/ml



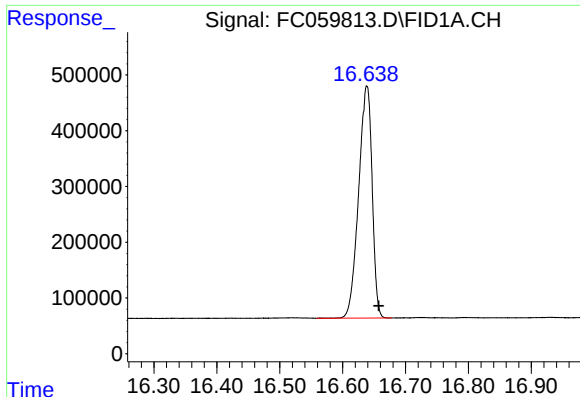
#15 n-Hexacosane (C26)

R.T.: 14.840 min
Delta R.T.: -0.023 min
Response: 6704773
Conc: 56.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.765 min
Delta R.T.: -0.025 min
Response: 6508611
Conc: 57.17 ug/ml



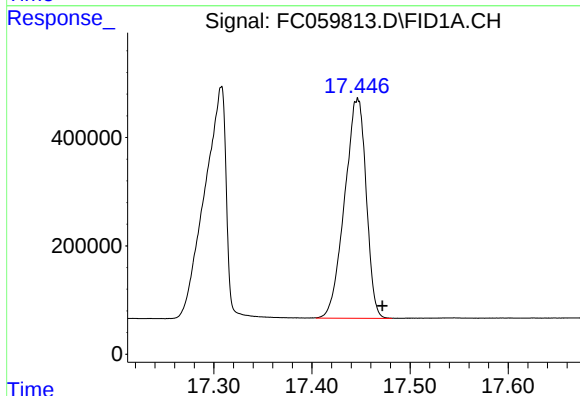
#17 n-Tricontane (C30)

R.T.: 16.637 min
Delta R.T.: -0.020 min
Response: 6210839
Conc: 56.50 ug/ml

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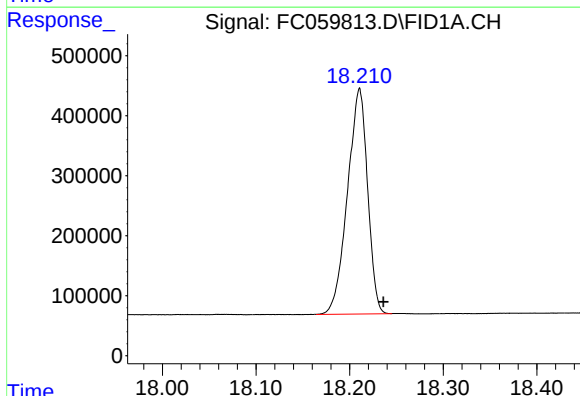
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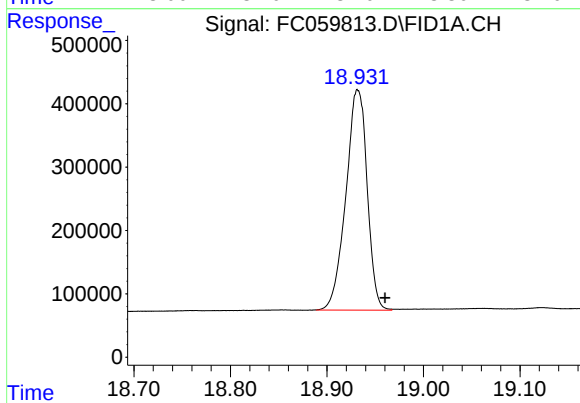
#18 n-Dotriacontane (C32)

R.T.: 17.446 min
Delta R.T.: -0.026 min
Response: 6187930
Conc: 59.85 ug/ml m



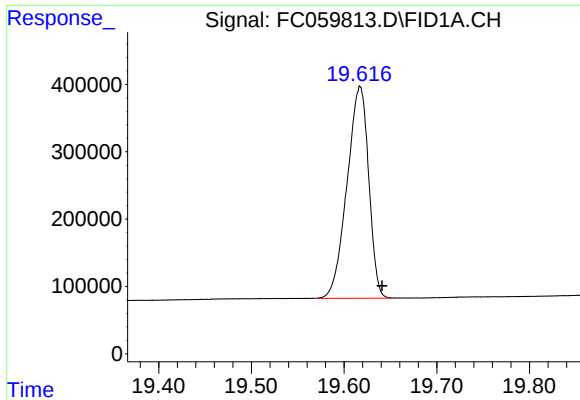
#19 n-Tetratriacontane (C34)

R.T.: 18.210 min
Delta R.T.: -0.026 min
Response: 5613696
Conc: 57.50 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.931 min
Delta R.T.: -0.029 min
Response: 5332810
Conc: 57.44 ug/ml m



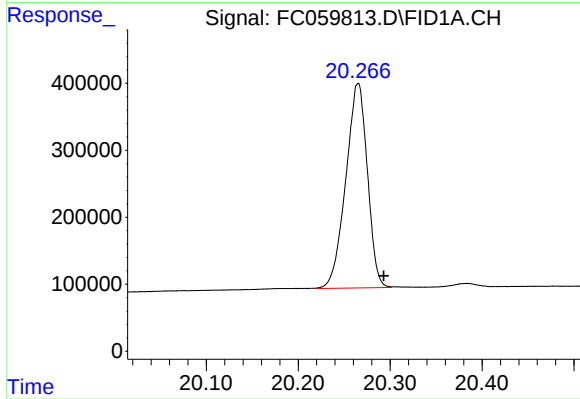
#21 n-Octatriacontane (C38)

R.T.: 19.616 min
Delta R.T.: -0.025 min
Response: 5109000
Conc: 53.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.266 min
Delta R.T.: -0.027 min
Response: 4985474
Conc: 52.66 ug/ml m