

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010322AL\
 Data File : FD040367.D
 Signal(s) : FID2B.CH
 Acq On : 04 Jan 2022 00:13
 Operator : AJ\MA
 Sample : PB141797BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB141797BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2022

Supervised By :Ankita Jodhani 01/04/2022

Integration File: autoint1.e

Quant Time: Jan 04 09:23:39 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M

Quant Title : GC Extractables

QLast Update : Wed Dec 29 02:26:30 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)	10.675	6617674	42.479 ug/ml
Spiked Amount 50.000		Recovery =	84.96%
12) S 1-chlorooctadecane (S...	12.109	5088214	42.191 ug/ml
Spiked Amount 50.000		Recovery =	84.38%
Target Compounds			
1) T n-Nonane (C9)	2.624	3658593	27.879 ug/ml
2) T n-Decane (C10)	3.610	3878669	29.302 ug/mlm
3) T A~Naphthalene (C11.7)	5.142	4423463	29.979 ug/ml
4) T n-Dodecane (C12)	5.577	4070496	30.650 ug/ml
5) T A~2-methylnaphthalene...	6.181	4364753	29.414 ug/ml
6) T n-Tetradecane (C14)	7.353	4356062	31.508 ug/ml
7) T n-Hexadecane (C16)	8.939	4751839	34.655 ug/ml
8) T n-Octadecane (C18)	10.370	4847220	34.325 ug/ml
10) T n-Eicosane (C20)	11.670	4709362	33.685 ug/mlm
11) T n-Heneicosane (C21)	12.278	4629659	32.722 ug/ml
13) T n-Docosane (C22)	12.861	4571816	32.577 ug/ml
14) T n-Tetracosane (C24)	13.956	4517336	32.173 ug/ml
15) T n-Hexacosane (C26)	14.973	4258905	30.972 ug/ml
16) T n-Octacosane (C28)	15.915	4252890	31.263 ug/ml
17) T n-Tricontane (C30)	16.798	3971446	29.676 ug/ml
18) T n-Dotriacontane (C32)	17.624	3769074	29.117 ug/ml
19) T n-Tetratriacontane (C34)	18.404	3422755	28.230 ug/ml
20) T n-Hexatriacontane (C36)	19.139	2791741	26.196 ug/ml
21) T n-Octatriacontane (C38)	19.840	2491816	26.983 ug/ml
22) T n-Tetracontane (C40)	20.653	2271503	29.172 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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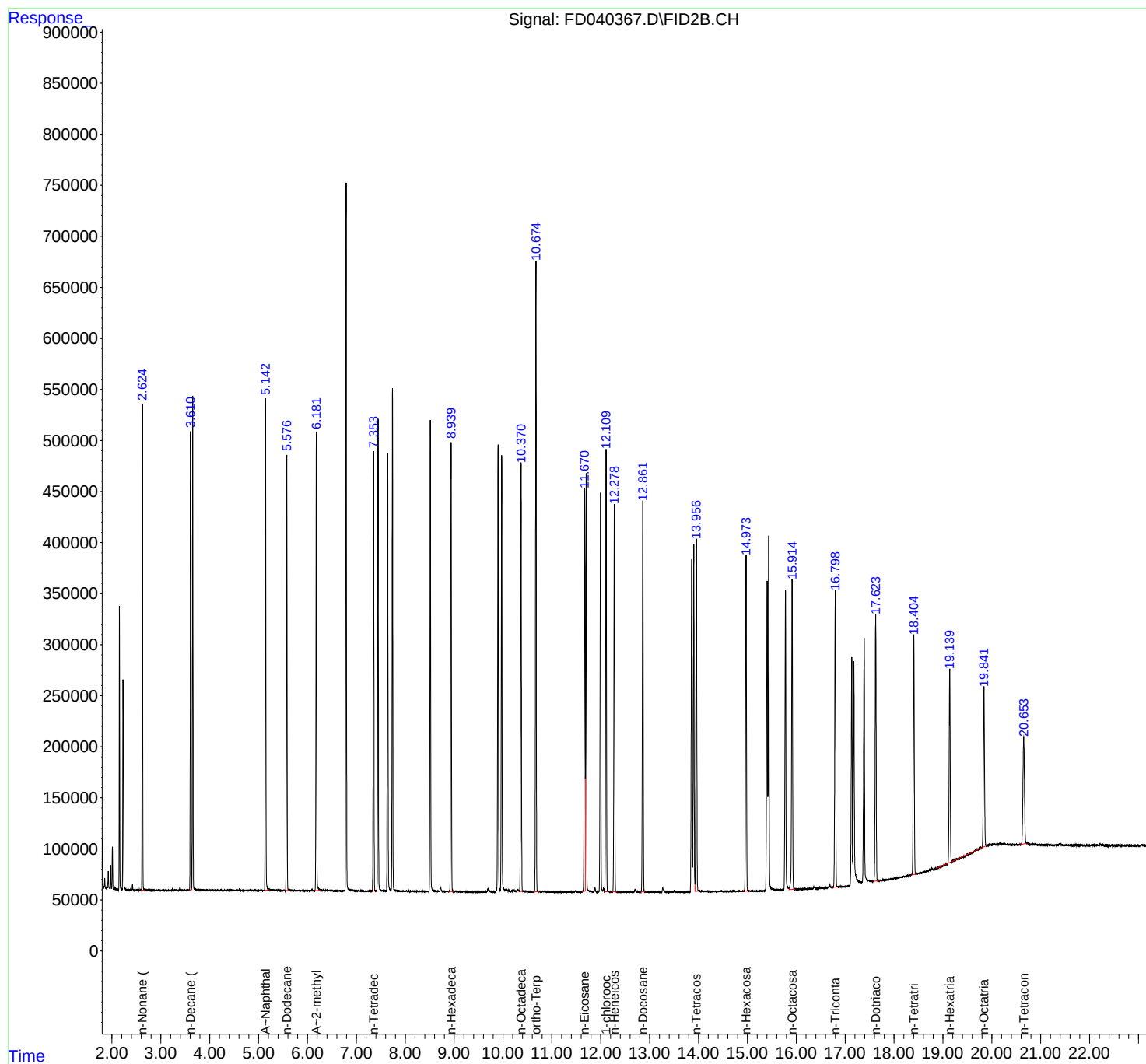
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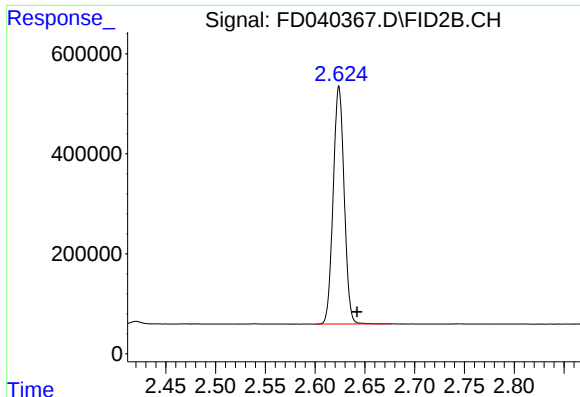
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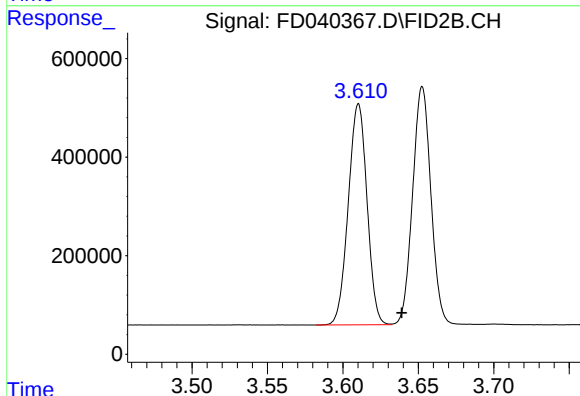
#1 n-Nonane (C9)

R.T.: 2.624 min
Delta R.T.: -0.018 min
Response: 3658593
Conc: 27.88 ug/ml

Instrument :
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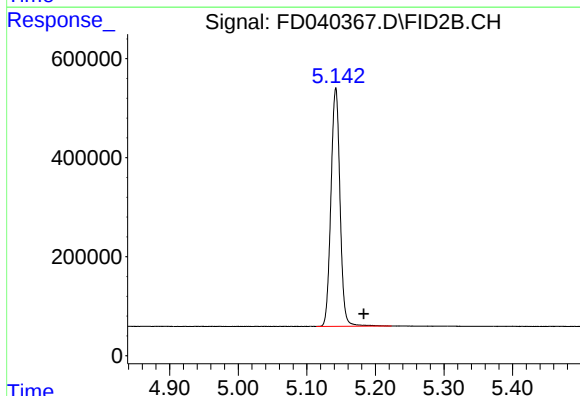
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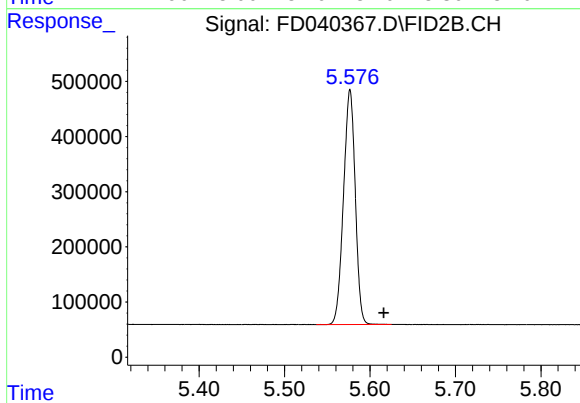
#2 n-Decane (C10)

R.T.: 3.610 min
Delta R.T.: -0.029 min
Response: 3878669
Conc: 29.30 ug/ml m



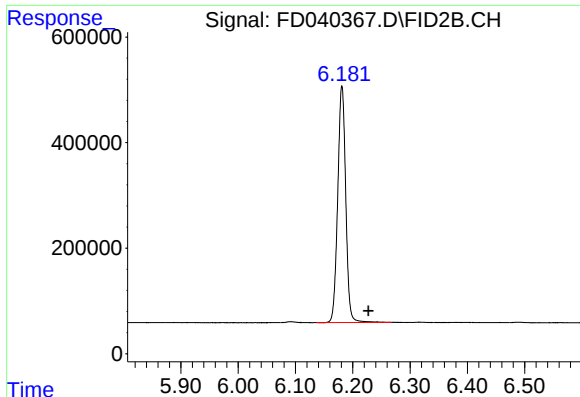
#3 A~Naphthalene (C11.7)

R.T.: 5.142 min
Delta R.T.: -0.041 min
Response: 4423463
Conc: 29.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.577 min
Delta R.T.: -0.039 min
Response: 4070496
Conc: 30.65 ug/ml



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

R.T.: 6.181 min
Delta R.T.: -0.046 min
Response: 4364753
Conc: 29.41 ug/ml

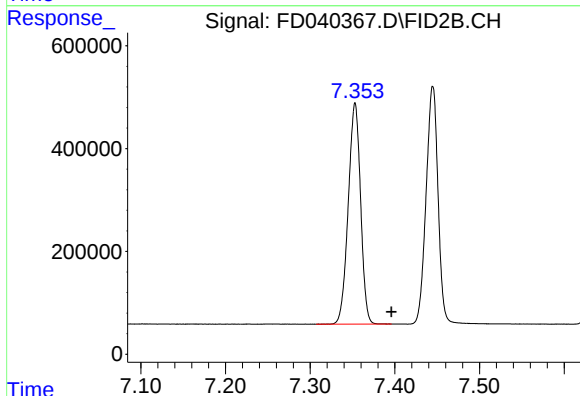
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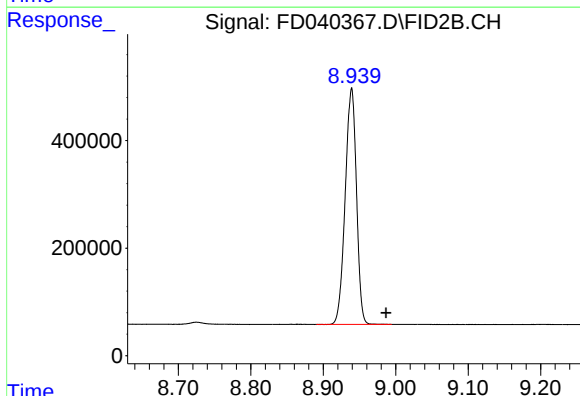
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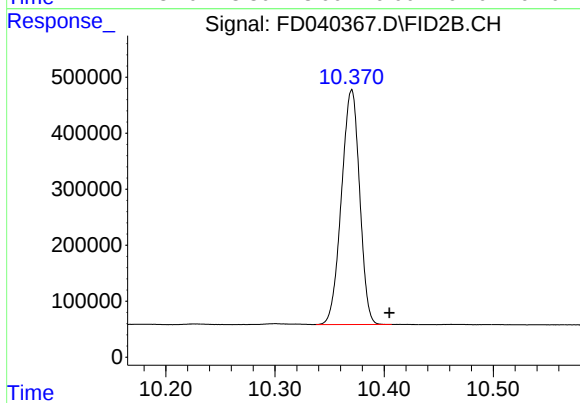
#6 n-Tetradecane (C14)

R.T.: 7.353 min
Delta R.T.: -0.043 min
Response: 4356062
Conc: 31.51 ug/ml



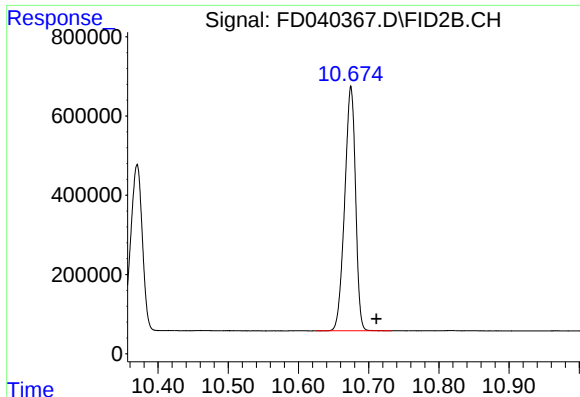
#7 n-Hexadecane (C16)

R.T.: 8.939 min
Delta R.T.: -0.048 min
Response: 4751839
Conc: 34.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.370 min
Delta R.T.: -0.035 min
Response: 4847220
Conc: 34.32 ug/ml



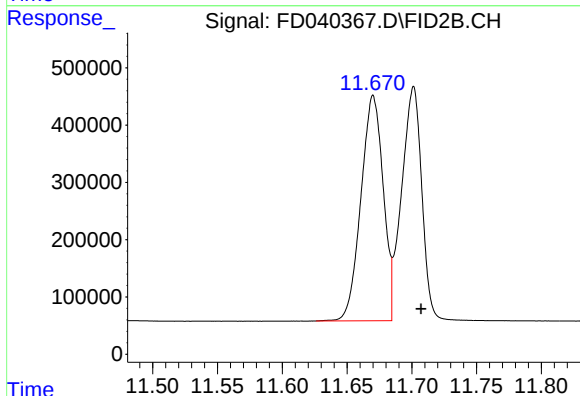
#9 ortho-Terphenyl (SURR)

R.T.: 10.675 min
Delta R.T.: -0.036 min
Response: 6617674
Conc: 42.48 ug/ml

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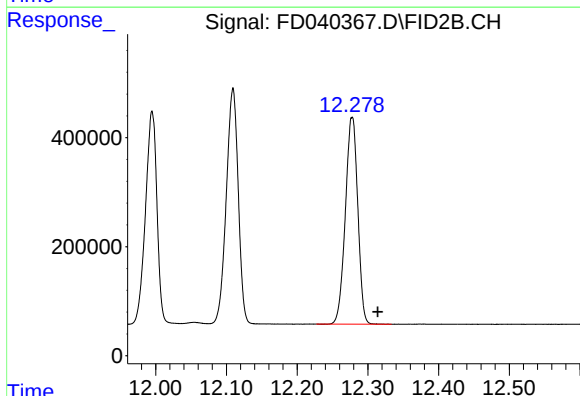
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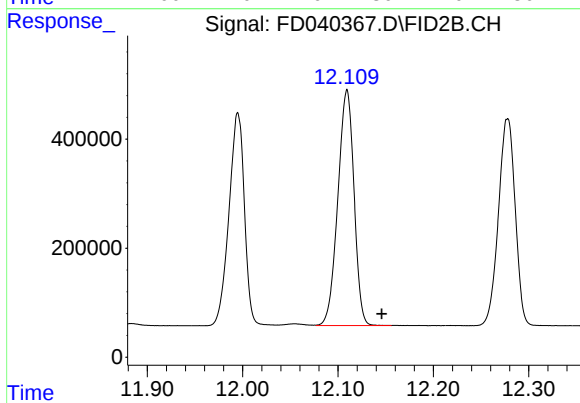
#10 n-Eicosane (C20)

R.T.: 11.670 min
Delta R.T.: -0.037 min
Response: 4709362
Conc: 33.68 ug/ml m



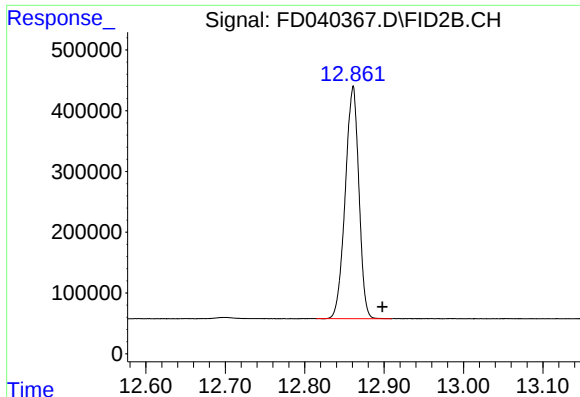
#11 n-Heneicosane (C21)

R.T.: 12.278 min
Delta R.T.: -0.036 min
Response: 4629659
Conc: 32.72 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.109 min
Delta R.T.: -0.037 min
Response: 5088214
Conc: 42.19 ug/ml



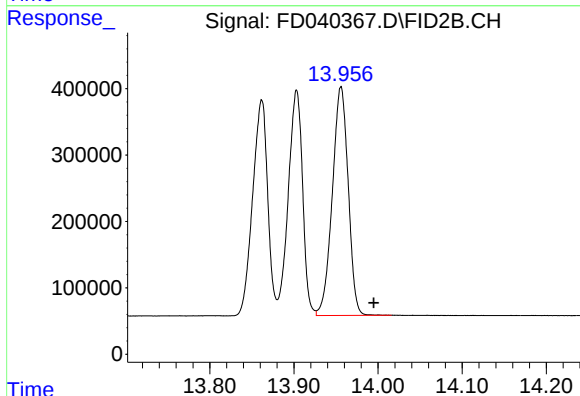
#13 n-Docosane (C22)

R.T.: 12.861 min
Delta R.T.: -0.037 min
Response: 4571816
Conc: 32.58 ug/ml

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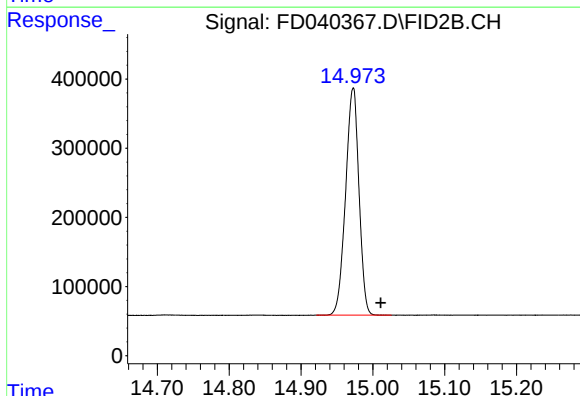
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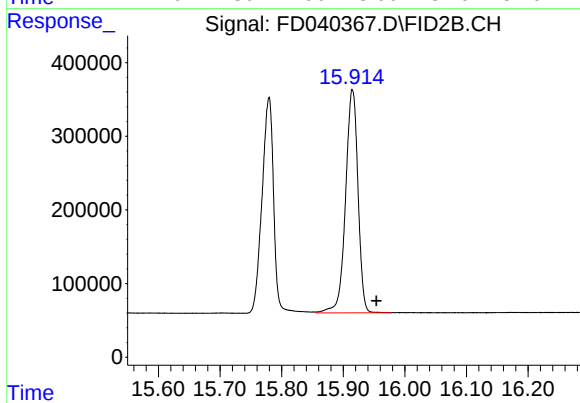
#14 n-Tetracosane (C24)

R.T.: 13.956 min
Delta R.T.: -0.039 min
Response: 4517336
Conc: 32.17 ug/ml



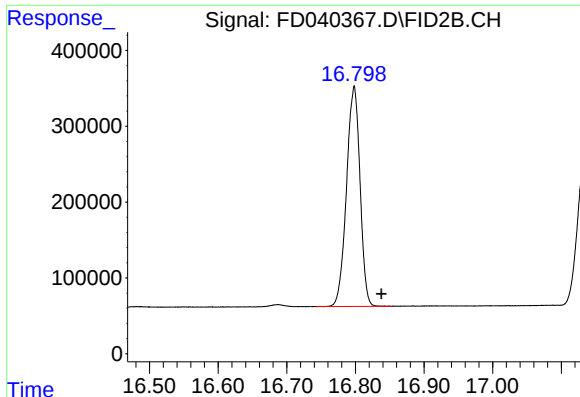
#15 n-Hexacosane (C26)

R.T.: 14.973 min
Delta R.T.: -0.038 min
Response: 4258905
Conc: 30.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.915 min
Delta R.T.: -0.039 min
Response: 4252890
Conc: 31.26 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.798 min
Delta R.T.: -0.040 min
Response: 3971446
Conc: 29.68 ug/ml

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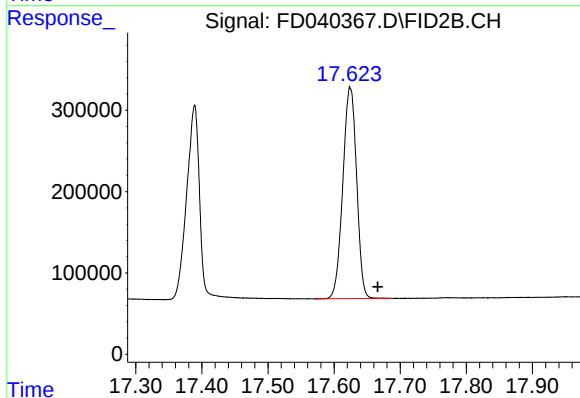
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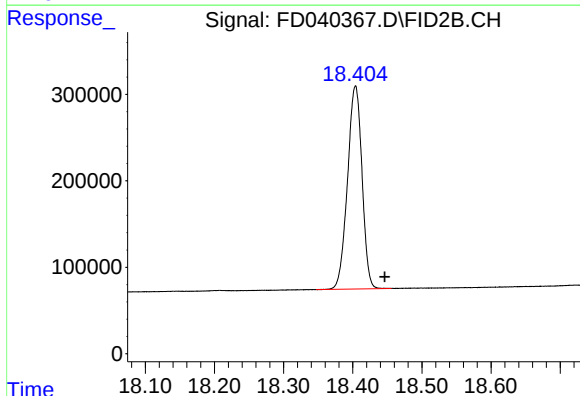
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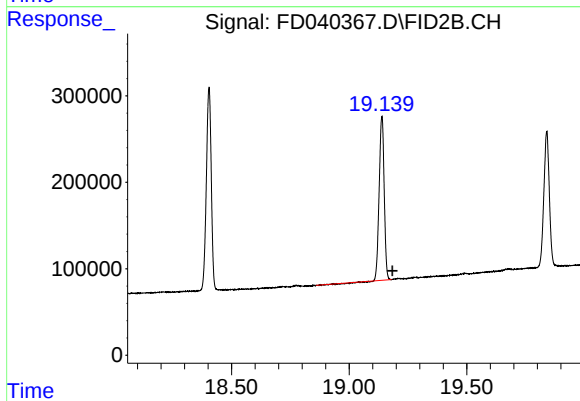
#18 n-Dotriacontane (C32)

R.T.: 17.624 min
Delta R.T.: -0.042 min
Response: 3769074
Conc: 29.12 ug/ml



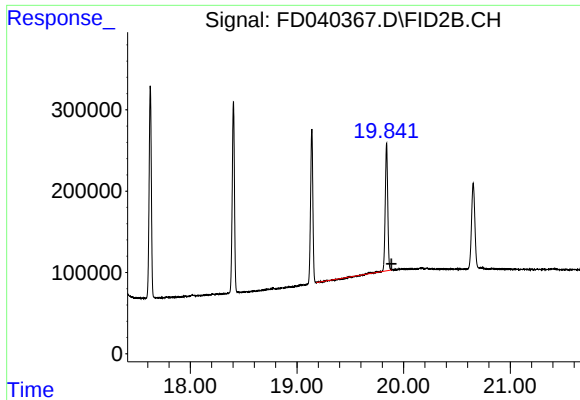
#19 n-Tetratriacontane (C34)

R.T.: 18.404 min
Delta R.T.: -0.042 min
Response: 3422755
Conc: 28.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.139 min
Delta R.T.: -0.044 min
Response: 2791741
Conc: 26.20 ug/ml



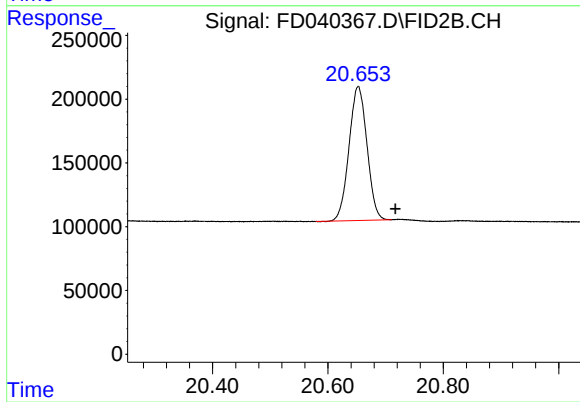
#21 n-Octatriacontane (C38)

R.T.: 19.840 min
Delta R.T.: -0.047 min
Response: 2491816
Conc: 26.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.653 min
Delta R.T.: -0.064 min
Response: 2271503
Conc: 29.17 ug/ml