

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051222AL\
 Data File : FD042439.D
 Signal(s) : FID2B.CH
 Acq On : 13 May 2022 8:11
 Operator : UA/NP
 Sample : N2803-01MS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PE-A2MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/17/2022

Supervised By :mohammad ahmed 05/17/2022

Integration File: autoint1.e

Quant Time: May 13 09:25:26 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M

Quant Title : GC Extractables

QLast Update : Fri Apr 22 01:55:29 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)	11.207	6980115	41.621 ug/ml
Spiked Amount 50.000		Recovery =	83.24%
12) S 1-chlorooctadecane (S...	12.645	5629963	42.665 ug/ml
Spiked Amount 50.000		Recovery =	85.33%
Target Compounds			
1) T n-Nonane (C9)	3.083	4632416	33.986 ug/ml
2) T n-Decane (C10)	4.128	6061082	45.227 ug/ml
3) T A~Naphthalene (C11.7)	5.675	7606545	52.476 ug/ml
4) T n-Dodecane (C12)	6.119	7341987	51.571 ug/ml
5) T A~2-methylnaphthalene...	6.721	8060422	57.842 ug/ml
6) T n-Tetradecane (C14)	7.897	7895570	55.429 ug/ml
7) T n-Hexadecane (C16)	9.482	8562350	58.921 ug/ml
8) T n-Octadecane (C18)	10.912	9244729	61.683 ug/ml
10) T n-Eicosane (C20)	12.210	8944227	58.435 ug/ml
11) T n-Heneicosane (C21)	12.816	8789387	57.012 ug/ml
13) T n-Docosane (C22)	13.399	8621294	55.930 ug/ml
14) T n-Tetracosane (C24)	14.494	9083282	58.733 ug/ml
15) T n-Hexacosane (C26)	15.510	8064488	52.429 ug/ml
16) T n-Octacosane (C28)	16.450	7945828	51.970 ug/ml
17) T n-Tricontane (C30)	17.335	7442379	49.617 ug/ml
18) T n-Dotriacontane (C32)	18.159	7368072	52.108 ug/ml
19) T n-Tetratriacontane (C34)	18.938	6697051	52.040 ug/ml
20) T n-Hexatriacontane (C36)	19.672	6276906	55.469 ug/ml
21) T n-Octatriacontane (C38)	20.370	6006706	60.202 ug/ml
22) T n-Tetracontane (C40)	21.141	5801585	64.320 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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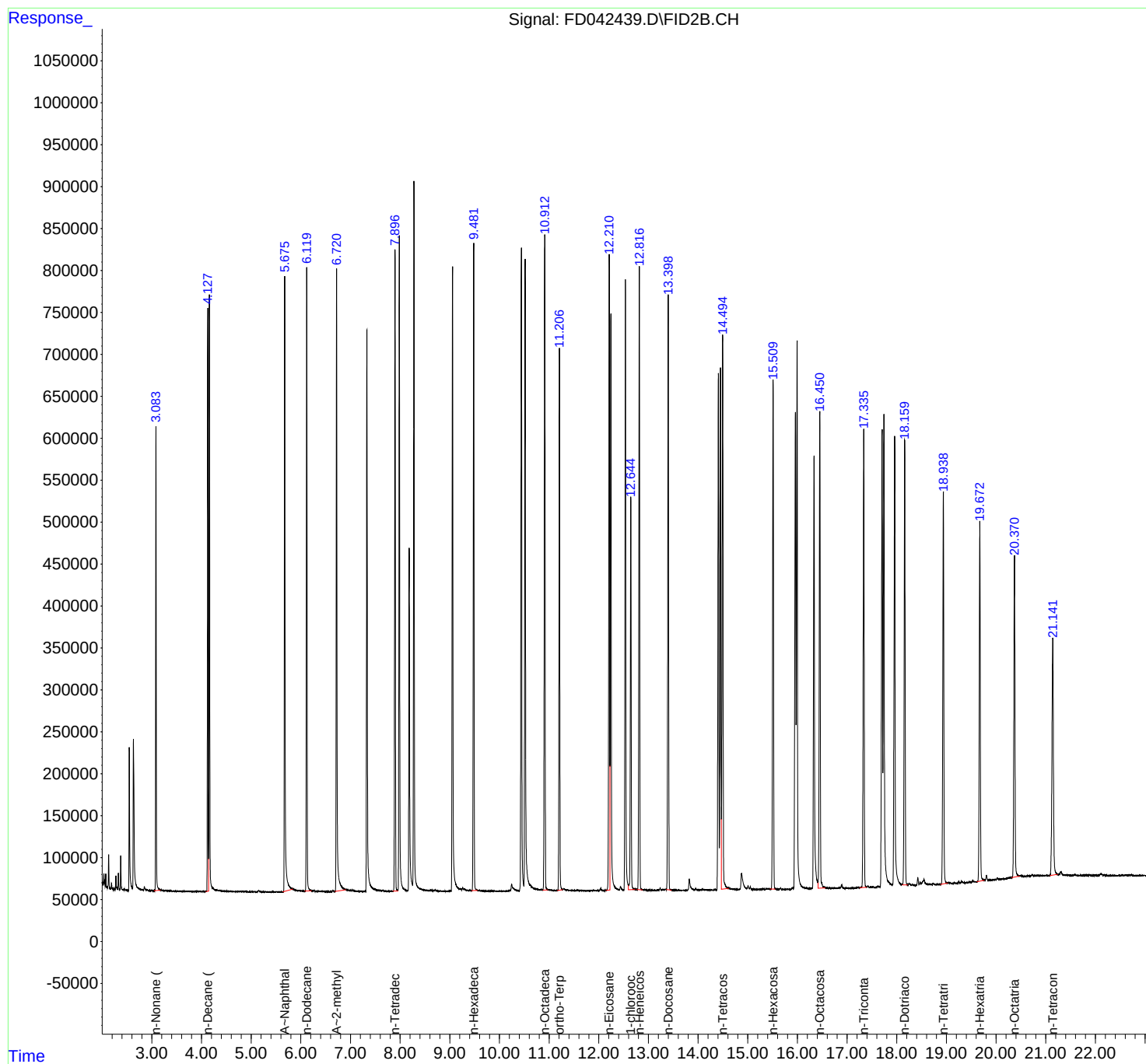
Instrument :
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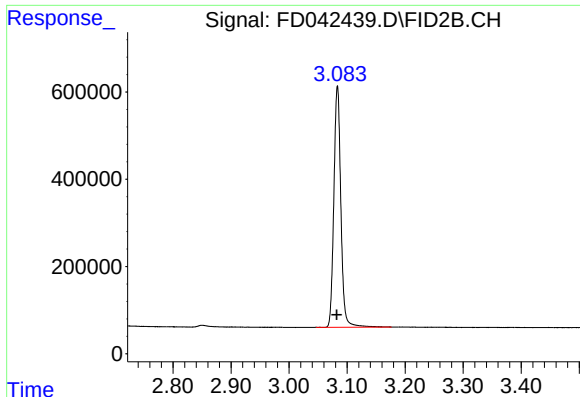
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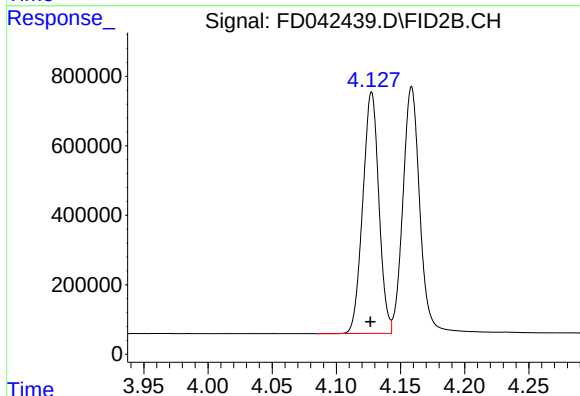
#1 n-Nonane (C9)

R.T.: 3.083 min
Delta R.T.: 0.001 min
Response: 4632416
Conc: 33.99 ug/ml

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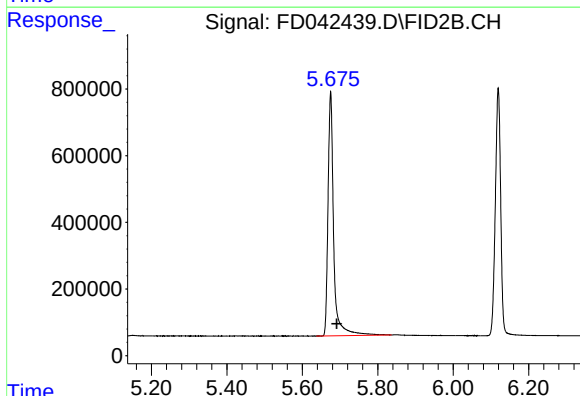
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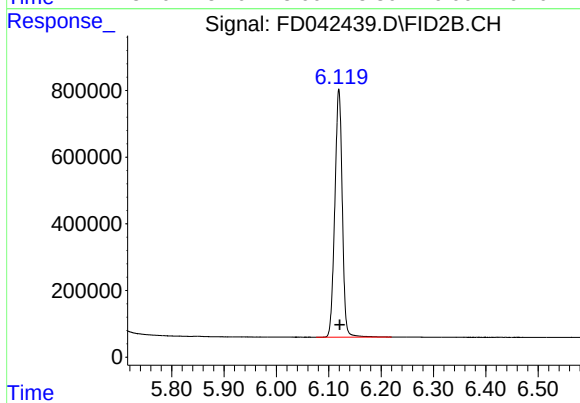
#2 n-Decane (C10)

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 6061082
Conc: 45.23 ug/ml



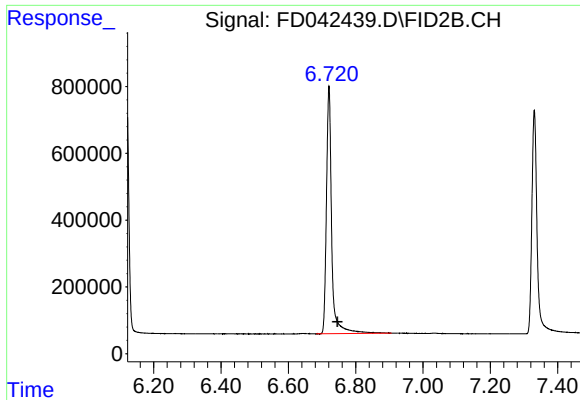
#3 A~Naphthalene (C11.7)

R.T.: 5.675 min
Delta R.T.: -0.016 min
Response: 7606545
Conc: 52.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 7341987
Conc: 51.57 ug/ml



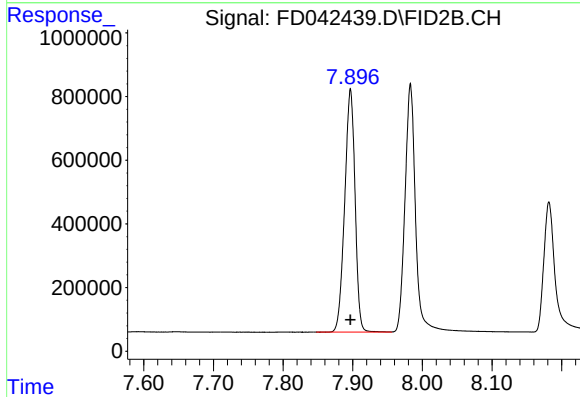
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.721 min
Delta R.T.: -0.025 min
Response: 8060422
Conc: 57.84 ug/ml

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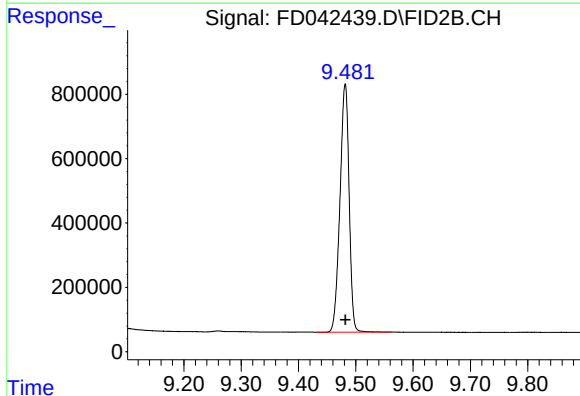
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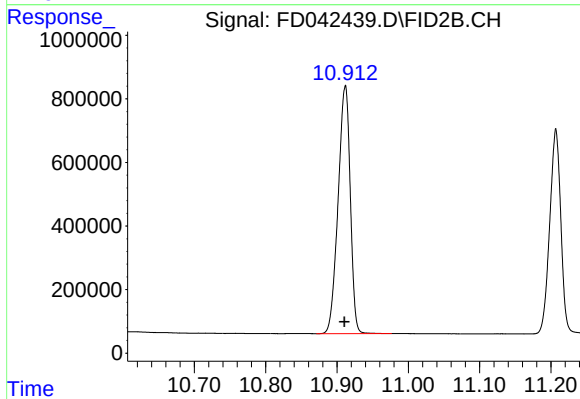
#6 n-Tetradecane (C14)

R.T.: 7.897 min
Delta R.T.: 0.000 min
Response: 7895570
Conc: 55.43 ug/ml



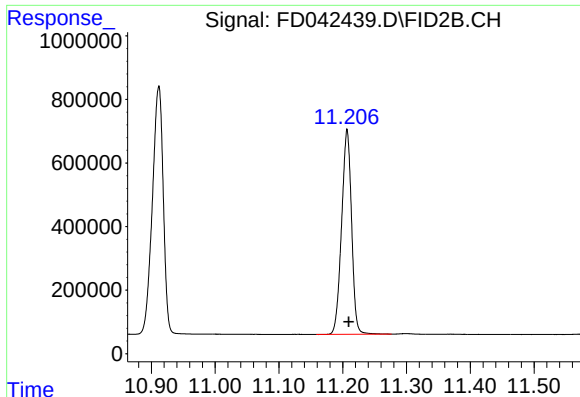
#7 n-Hexadecane (C16)

R.T.: 9.482 min
Delta R.T.: 0.000 min
Response: 8562350
Conc: 58.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.912 min
Delta R.T.: 0.001 min
Response: 9244729
Conc: 61.68 ug/ml



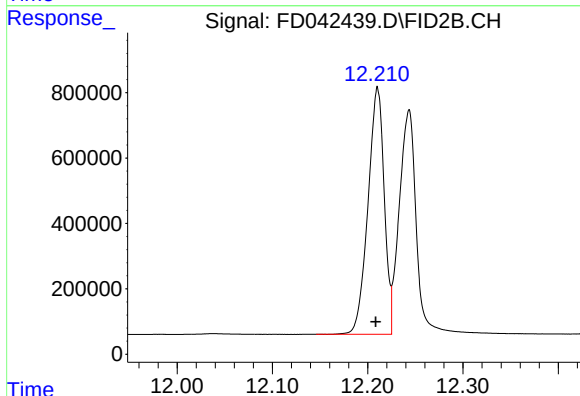
#9 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: -0.002 min
Response: 6980115
Conc: 41.62 ug/ml

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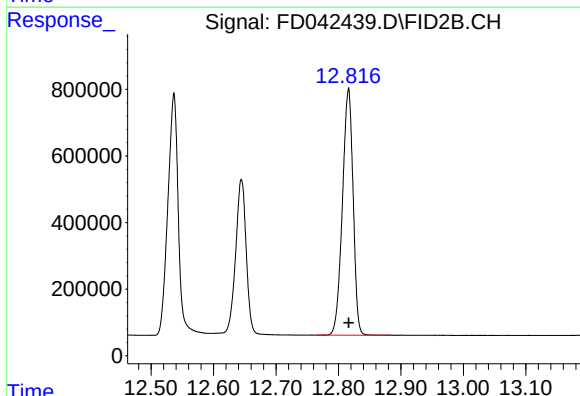
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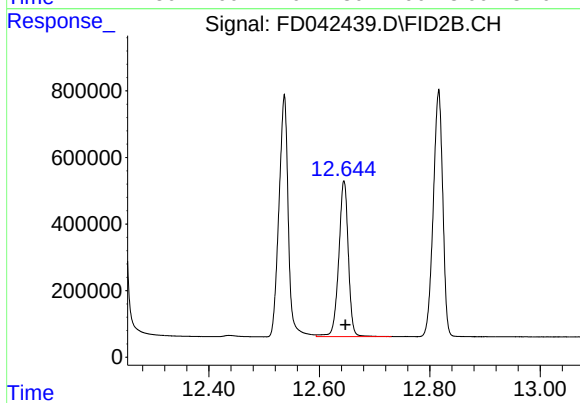
#10 n-Eicosane (C20)

R.T.: 12.210 min
Delta R.T.: 0.002 min
Response: 8944227
Conc: 58.44 ug/ml



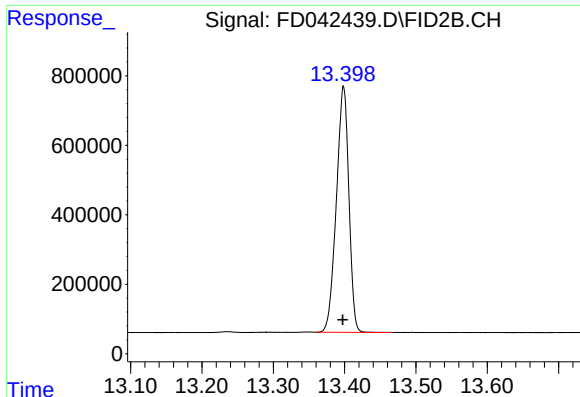
#11 n-Heneicosane (C21)

R.T.: 12.816 min
Delta R.T.: 0.000 min
Response: 8789387
Conc: 57.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.645 min
Delta R.T.: -0.003 min
Response: 5629963
Conc: 42.66 ug/ml



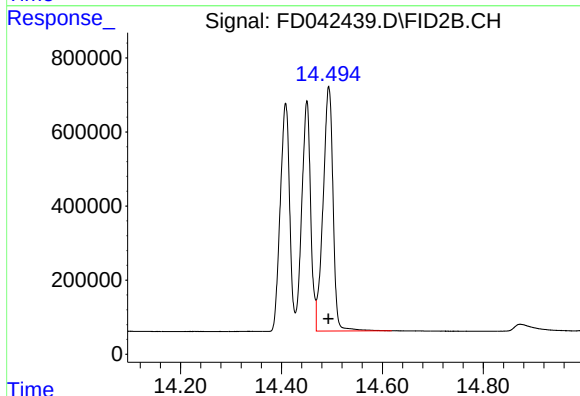
#13 n-Docosane (C22)

R.T.: 13.399 min
Delta R.T.: 0.001 min
Response: 8621294
Conc: 55.93 ug/ml

Instrument :
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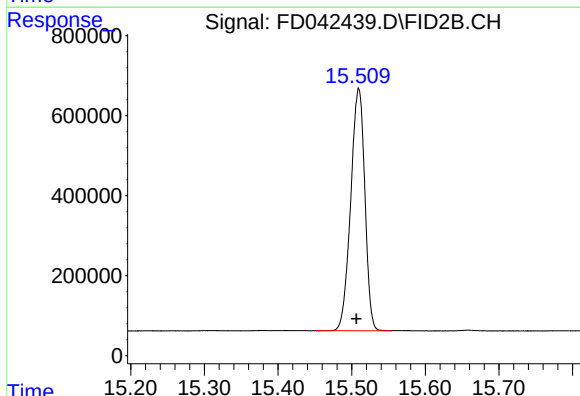
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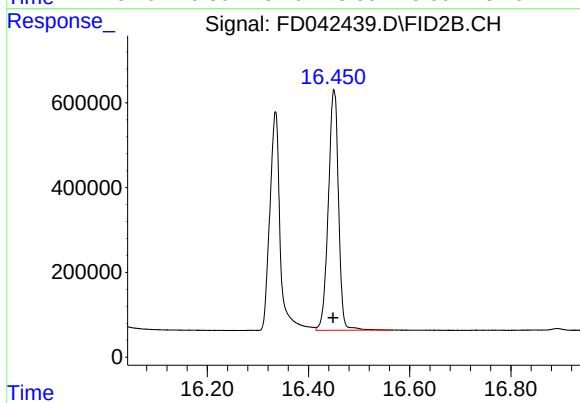
#14 n-Tetracosane (C24)

R.T.: 14.494 min
Delta R.T.: 0.000 min
Response: 9083282
Conc: 58.73 ug/ml



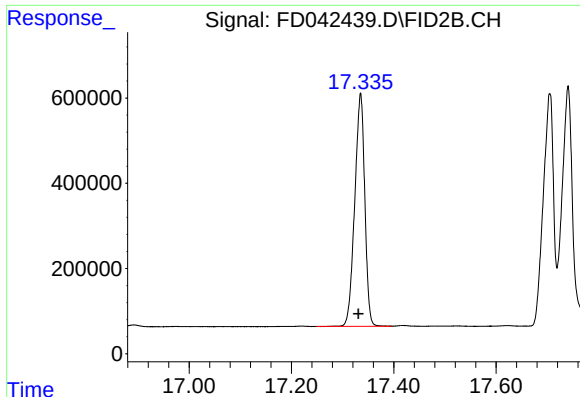
#15 n-Hexacosane (C26)

R.T.: 15.510 min
Delta R.T.: 0.003 min
Response: 8064488
Conc: 52.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.450 min
Delta R.T.: 0.002 min
Response: 7945828
Conc: 51.97 ug/ml



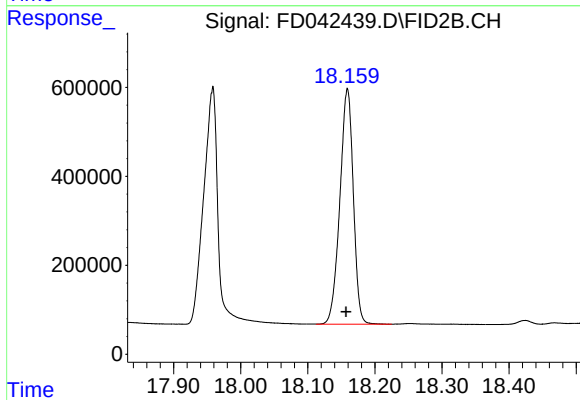
#17 n-Tricontane (C30)

R.T.: 17.335 min
Delta R.T.: 0.005 min
Response: 7442379
Conc: 49.62 ug/ml

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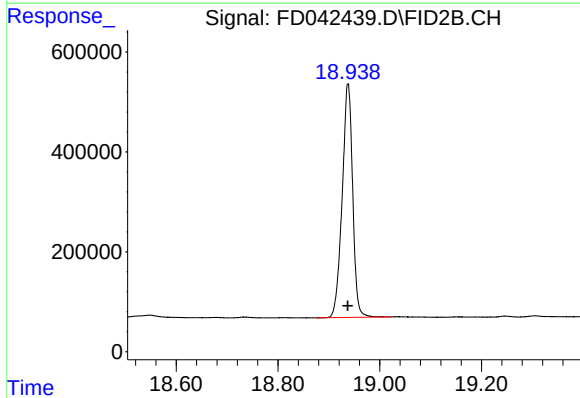
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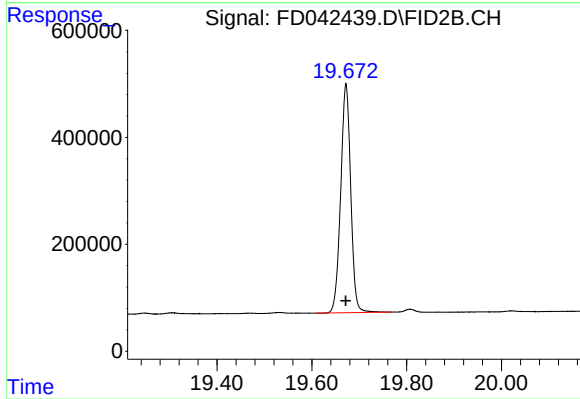
#18 n-Dotriacontane (C32)

R.T.: 18.159 min
Delta R.T.: 0.002 min
Response: 7368072
Conc: 52.11 ug/ml



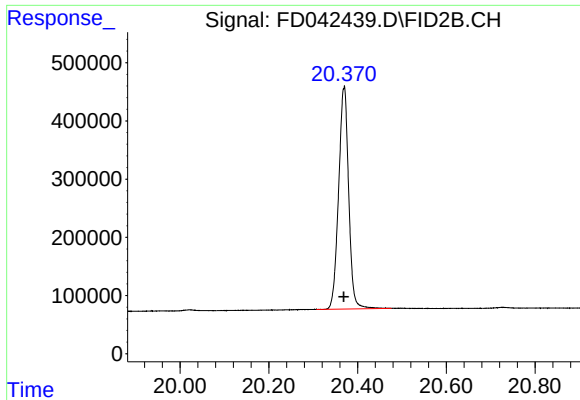
#19 n-Tetratriacontane (C34)

R.T.: 18.938 min
Delta R.T.: 0.000 min
Response: 6697051
Conc: 52.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.672 min
Delta R.T.: 0.000 min
Response: 6276906
Conc: 55.47 ug/ml



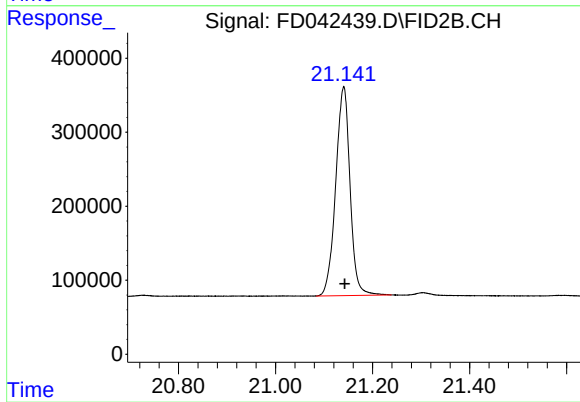
#21 n-Octatriacontane (C38)

R.T.: 20.370 min
Delta R.T.: 0.001 min
Response: 6006706
Conc: 60.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.141 min
Delta R.T.: -0.002 min
Response: 5801585
Conc: 64.32 ug/ml m