

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051722AL\
 Data File : FD042520.D
 Signal(s) : FID2B.CH
 Acq On : 18 May 2022 00:12
 Operator : UA/NP
 Sample : N2879-12
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TP-4-0516-EPH-2

Manual Integrations
 APPROVED

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

Integration File: sample.E
 Quant Time: May 18 02:01:33 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)	11.204	3308867	19.730 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
12) S 1-chlorooctadecane (S...	12.643	2561454	19.411 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
Target Compounds			
1) T n-Nonane (C9)	3.080	2950077	21.644 ug/ml
2) T n-Decane (C10)	4.123	2944178	21.969 ug/ml
3) T A~Naphthalene (C11.7)	5.673	3079565	21.245 ug/ml
4) T n-Dodecane (C12)	6.116	3073923	21.592 ug/ml
5) T A~2-methylnaphthalene...	6.719	3077393	22.083 ug/ml
6) T n-Tetradecane (C14)	7.892	3102543	21.781 ug/ml
7) T n-Hexadecane (C16)	9.477	3130065	21.539 ug/ml
8) T n-Octadecane (C18)	10.906	3121645	20.828 ug/ml
10) T n-Eicosane (C20)	12.205	3037255	19.843 ug/ml
11) T n-Heneicosane (C21)	12.813	2998888	19.452 ug/ml
13) T n-Docosane (C22)	13.395	2940235	19.075 ug/ml
14) T n-Tetracosane (C24)	14.490	2826353	18.275 ug/ml
15) T n-Hexacosane (C26)	15.503	2728143	17.736 ug/ml
16) T n-Octacosane (C28)	16.448	2659412	17.394 ug/ml
17) T n-Tricontane (C30)	17.330	2607506	17.384 ug/ml
18) T n-Dotriacontane (C32)	18.157	2504584	17.713 ug/ml
19) T n-Tetratriacontane (C34)	18.935	2350150	18.262 ug/ml
20) T n-Hexatriacontane (C36)	19.670	2191892	19.370 ug/ml
21) T n-Octatriacontane (C38)	20.367	2154526	21.594 ug/mlm
22) T n-Tetracontane (C40)	21.140	2082468	23.088 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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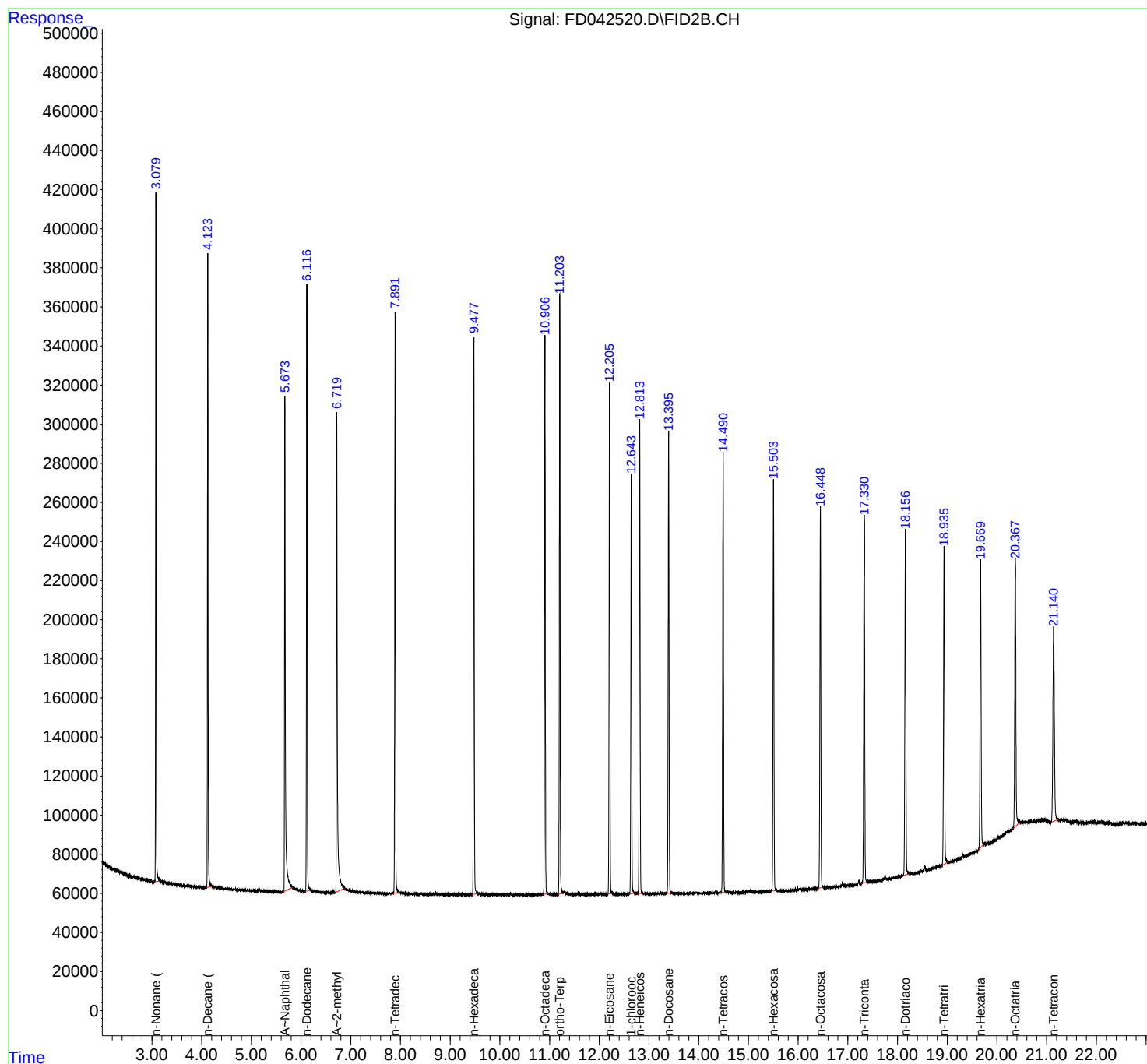
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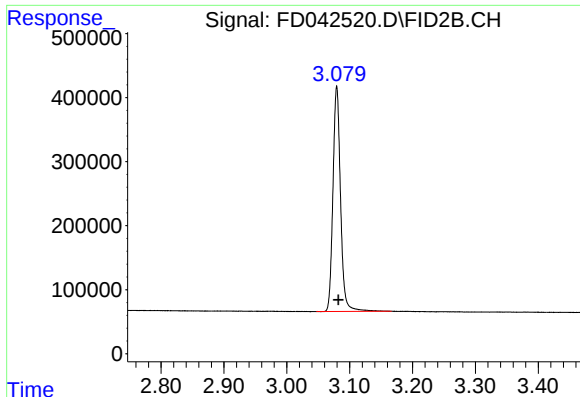
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#1 n-Nonane (C9)

R.T.: 3.080 min
Delta R.T.: -0.002 min
Response: 2950077
Conc: 21.64 ug/ml

Instrument :

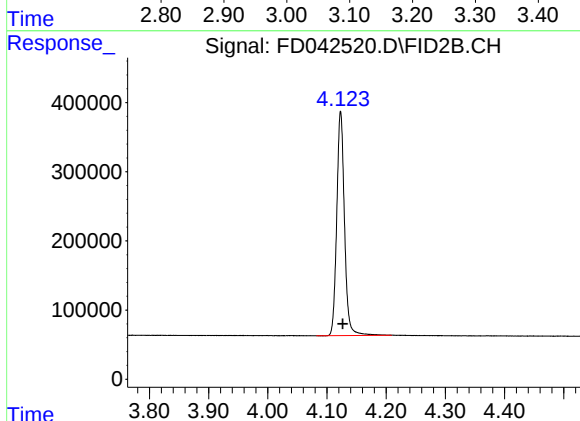
FID_D

ClientSampleId :

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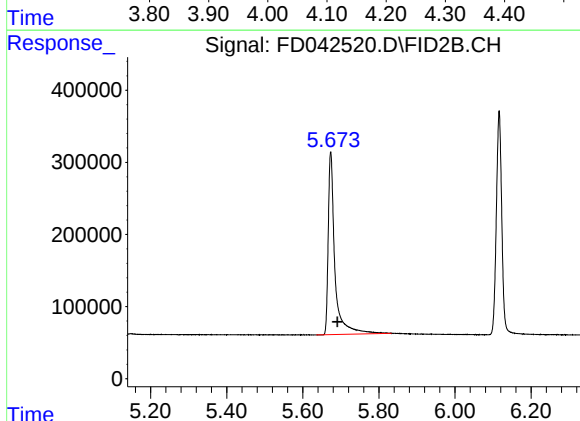
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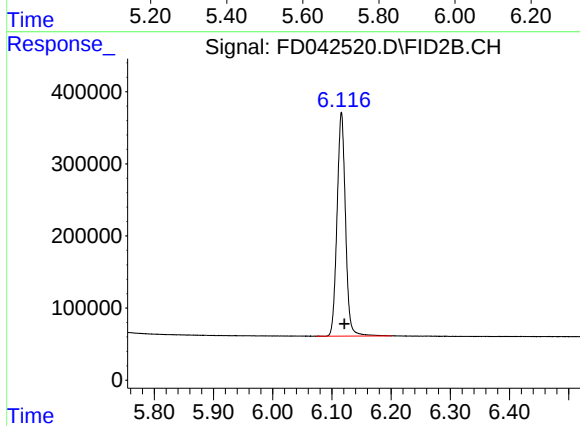
#2 n-Decane (C10)

R.T.: 4.123 min
Delta R.T.: -0.003 min
Response: 2944178
Conc: 21.97 ug/ml



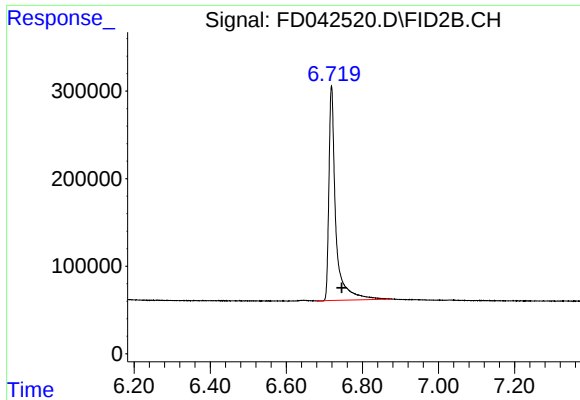
#3 A~Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.018 min
Response: 3079565
Conc: 21.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.116 min
Delta R.T.: -0.005 min
Response: 3073923
Conc: 21.59 ug/ml



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

R.T.: 6.719 min
Delta R.T.: -0.027 min
Response: 3077393
Conc: 22.08 ug/ml

Instrument :

FID_D

ClientSampleId :

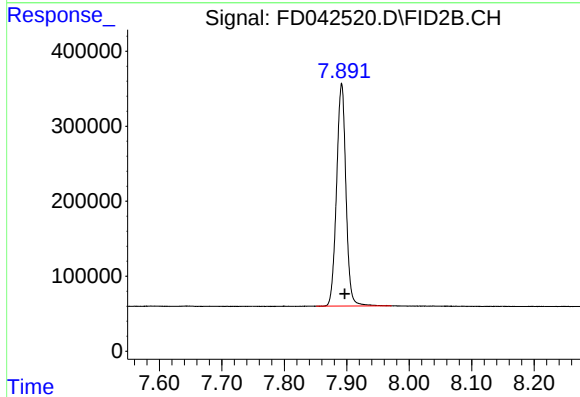
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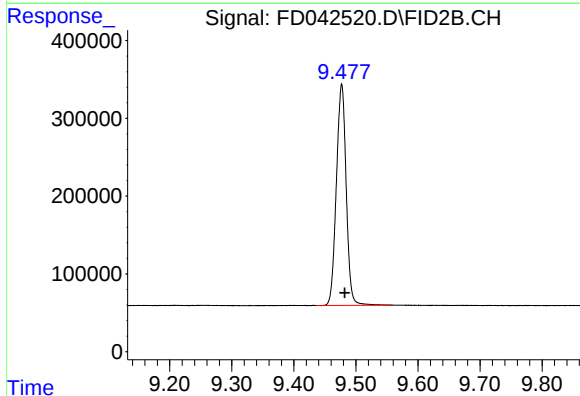
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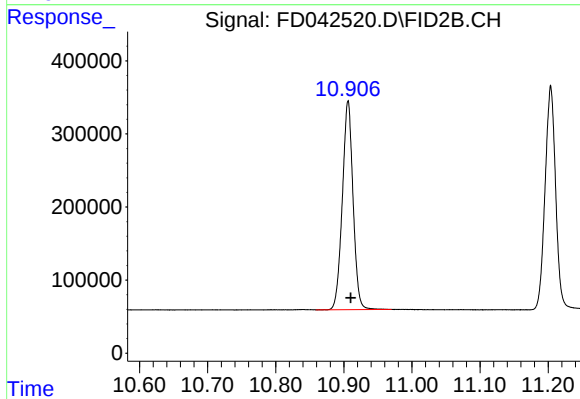
#6 n-Tetradecane (C14)

R.T.: 7.892 min
Delta R.T.: -0.005 min
Response: 3102543
Conc: 21.78 ug/ml



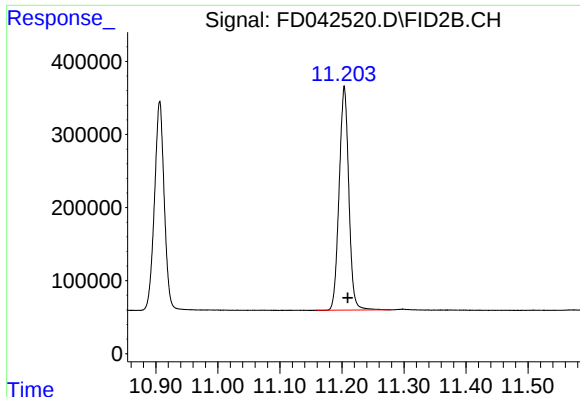
#7 n-Hexadecane (C16)

R.T.: 9.477 min
Delta R.T.: -0.005 min
Response: 3130065
Conc: 21.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.906 min
Delta R.T.: -0.004 min
Response: 3121645
Conc: 20.83 ug/ml



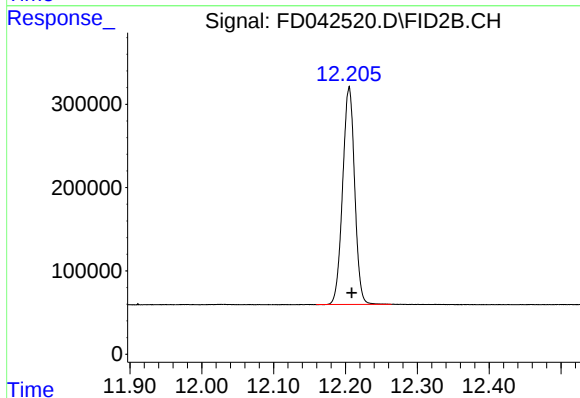
#9 ortho-Terphenyl (SURR)

R.T.: 11.204 min
Delta R.T.: -0.005 min
Response: 3308867
Conc: 19.73 ug/ml

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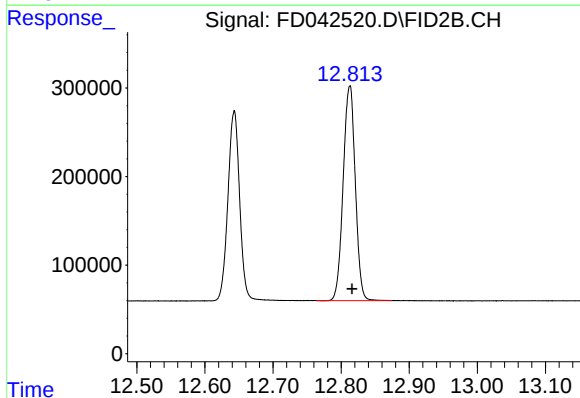
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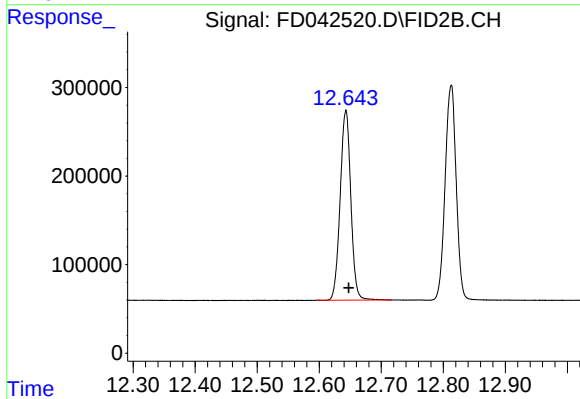
#10 n-Eicosane (C20)

R.T.: 12.205 min
Delta R.T.: -0.003 min
Response: 3037255
Conc: 19.84 ug/ml



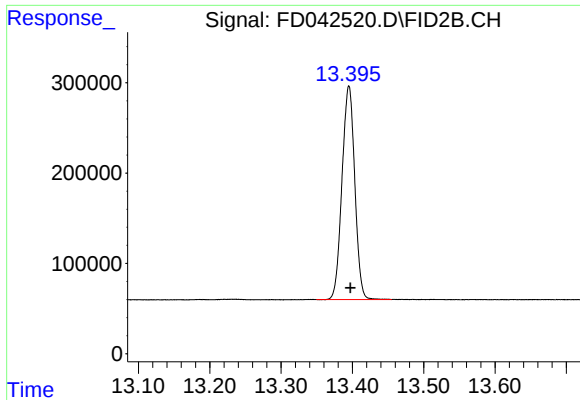
#11 n-Heneicosane (C21)

R.T.: 12.813 min
Delta R.T.: -0.003 min
Response: 2998888
Conc: 19.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.643 min
Delta R.T.: -0.004 min
Response: 2561454
Conc: 19.41 ug/ml



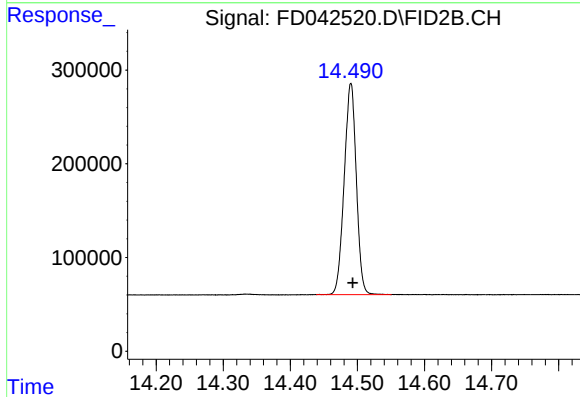
#13 n-Docosane (C22)

R.T.: 13.395 min
Delta R.T.: -0.002 min
Response: 2940235
Conc: 19.07 ug/ml

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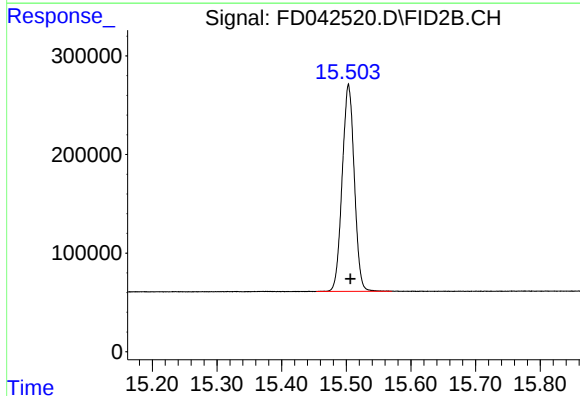
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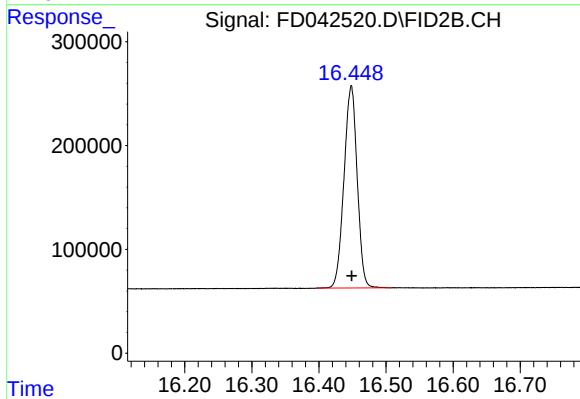
#14 n-Tetracosane (C24)

R.T.: 14.490 min
Delta R.T.: -0.003 min
Response: 2826353
Conc: 18.28 ug/ml



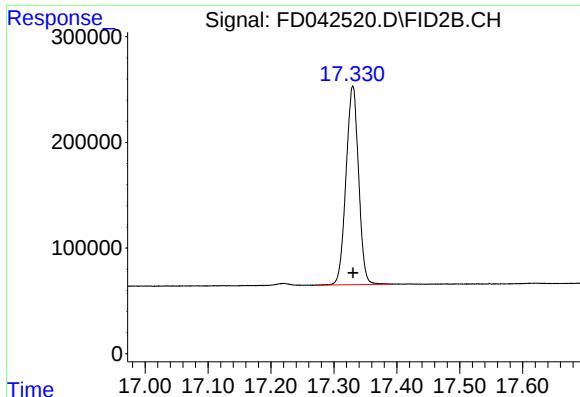
#15 n-Hexacosane (C26)

R.T.: 15.503 min
Delta R.T.: -0.003 min
Response: 2728143
Conc: 17.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.448 min
Delta R.T.: 0.000 min
Response: 2659412
Conc: 17.39 ug/ml



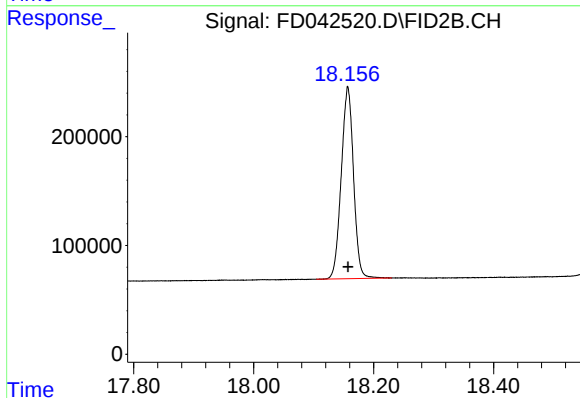
#17 n-Tricontane (C30)

R.T.: 17.330 min
Delta R.T.: 0.000 min
Response: 2607506
Conc: 17.38 ug/ml

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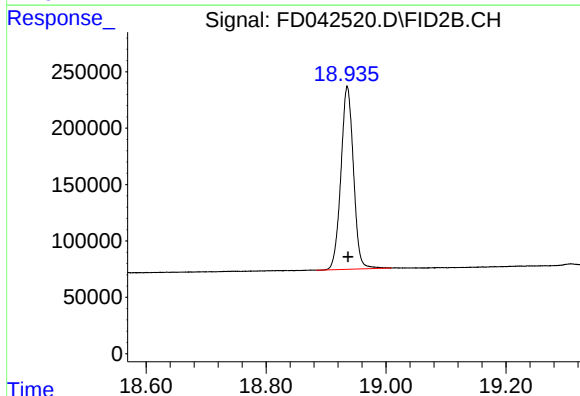
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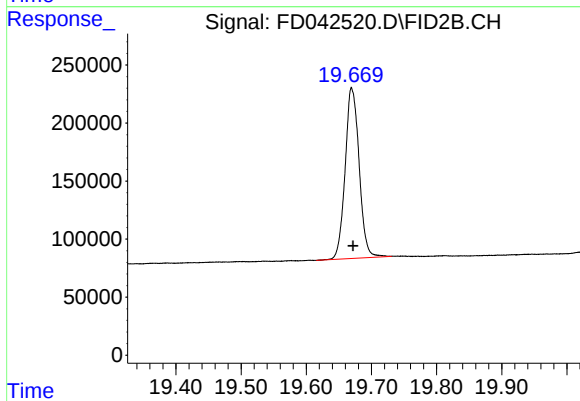
#18 n-Dotriacontane (C32)

R.T.: 18.157 min
Delta R.T.: 0.000 min
Response: 2504584
Conc: 17.71 ug/ml



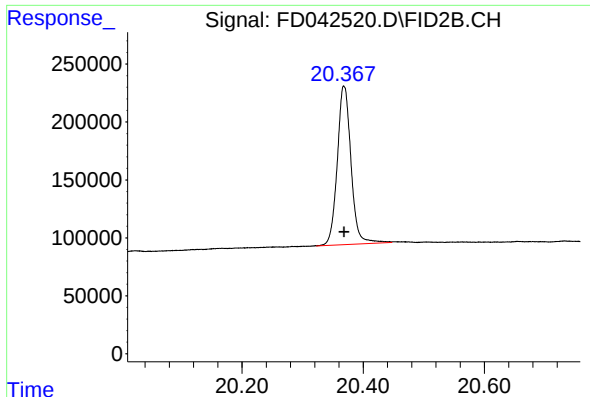
#19 n-Tetratriacontane (C34)

R.T.: 18.935 min
Delta R.T.: -0.001 min
Response: 2350150
Conc: 18.26 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.670 min
Delta R.T.: -0.002 min
Response: 2191892
Conc: 19.37 ug/ml



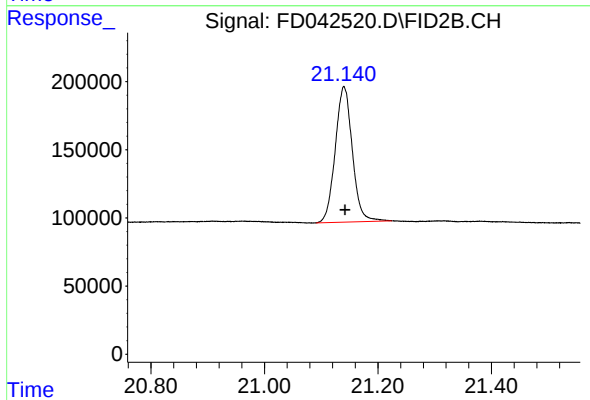
#21 n-Octatriacontane (C38)

R.T.: 20.367 min
Delta R.T.: -0.001 min
Response: 2154526
Conc: 21.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.140 min
Delta R.T.: -0.002 min
Response: 2082468
Conc: 23.09 ug/ml m