

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD053122AL\
 Data File : FD042696.D
 Signal(s) : FID2B.CH
 Acq On : 31 May 2022 21:24
 Operator : UA/NP
 Sample : PB145211BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB145211BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/01/2022
 Supervised By :Ankita Jodhani 06/01/2022

Integration File: sample.E
 Quant Time: Jun 01 03:08:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:55:57 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)	11.582	7019159	42.263 ug/ml
Spiked Amount	50.000	Recovery	= 84.53%
12) S 1-chlorooctadecane (S...	13.014	5595303	42.843 ug/ml
Spiked Amount	50.000	Recovery	= 85.69%
Target Compounds			
1) T n-Nonane (C9)	3.360	5253979	37.926 ug/ml
2) T n-Decane (C10)	4.423	5647365	40.898 ug/ml
3) T A~Naphthalene (C11.7)	6.001	6950955	44.186 ug/ml
4) T n-Dodecane (C12)	6.435	6280325	44.319 ug/ml
5) T A~2-methylnaphthalene...	7.056	7070089	44.160 ug/ml
6) T n-Tetradecane (C14)	8.230	6545304	45.448 ug/ml
7) T n-Hexadecane (C16)	9.827	6737732	45.677 ug/ml
8) T n-Octadecane (C18)	11.266	7073843	46.997 ug/ml
10) T n-Eicosane (C20)	12.573	6933736	46.108 ug/ml
11) T n-Heneicosane (C21)	13.183	6915417	45.681 ug/ml
13) T n-Docosane (C22)	13.767	6895836	45.619 ug/ml
14) T n-Tetracosane (C24)	14.867	6192054	41.259 ug/ml
15) T n-Hexacosane (C26)	15.887	6727572	46.145 ug/ml
16) T n-Octacosane (C28)	16.833	6529690	46.817 ug/ml
17) T n-Tricontane (C30)	17.719	6214165	47.531 ug/ml
18) T n-Dotriacontane (C32)	18.549	5885427	49.845 ug/ml
19) T n-Tetratriacontane (C34)	19.329	5413894	50.929 ug/ml
20) T n-Hexatriacontane (C36)	20.067	4714768	48.219 ug/ml
21) T n-Octatriacontane (C38)	20.797	4288239	47.013 ug/ml
22) T n-Tetracontane (C40)	21.698	4142728	51.123 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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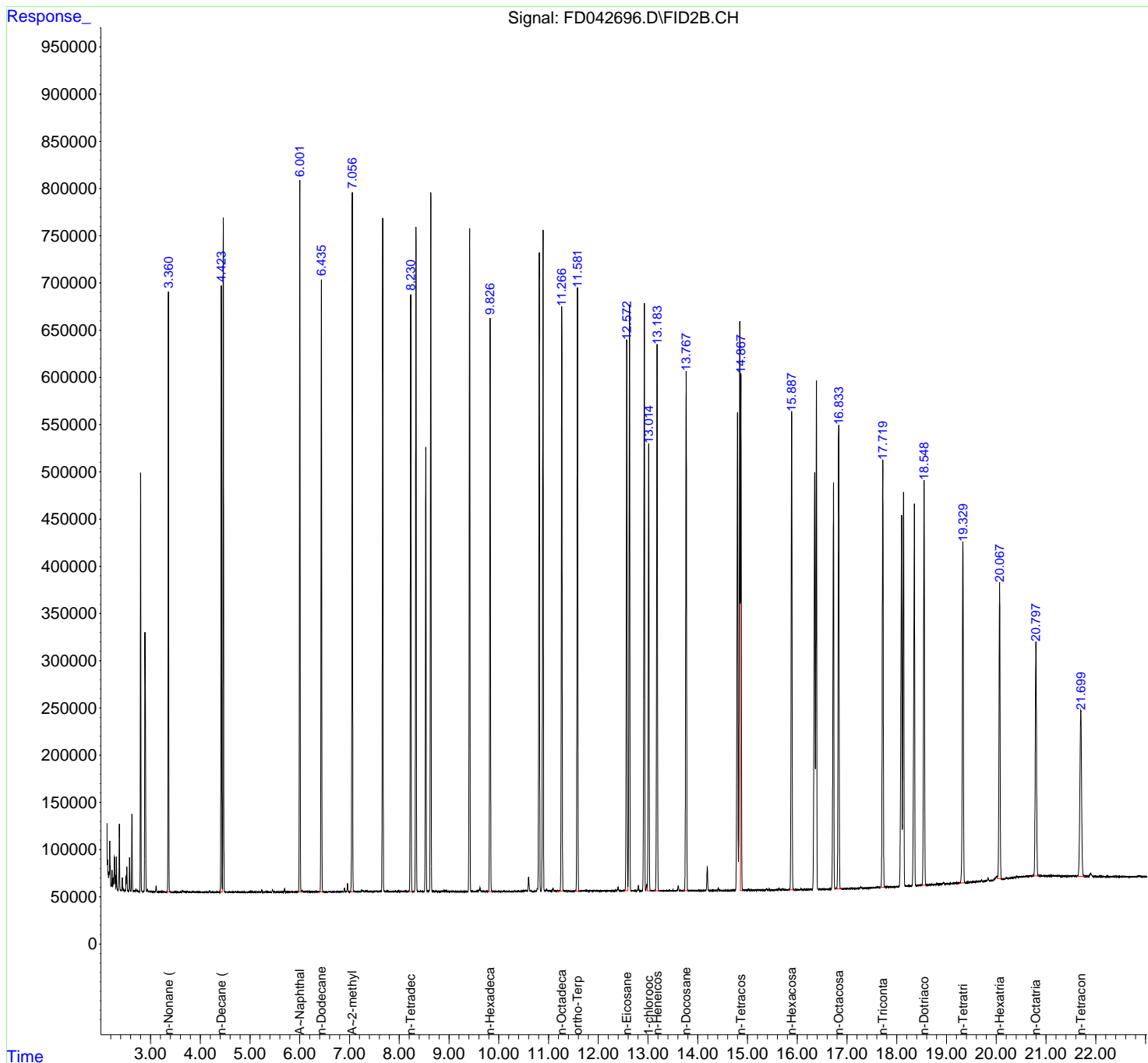
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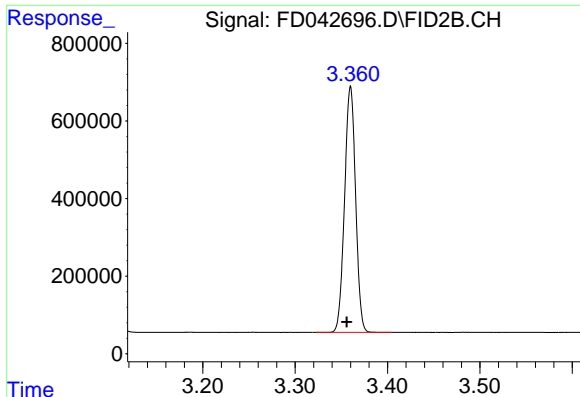
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#1 n-Nonane (C9)

R.T.: 3.360 min
Delta R.T.: 0.004 min
Response: 5253979
Conc: 37.93 ug/ml

Instrument :

FID_D

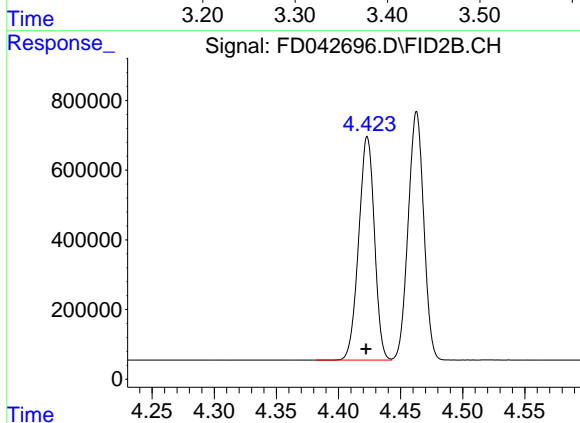
ClientSampleId :

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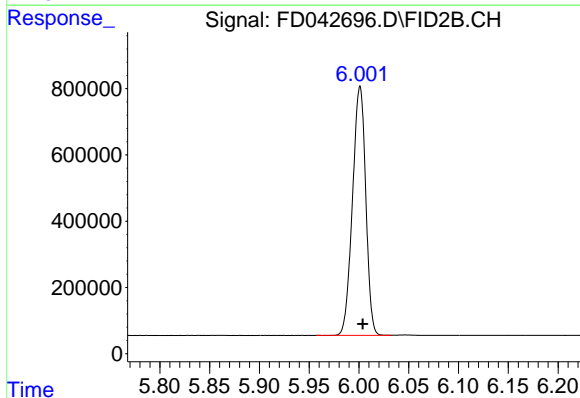
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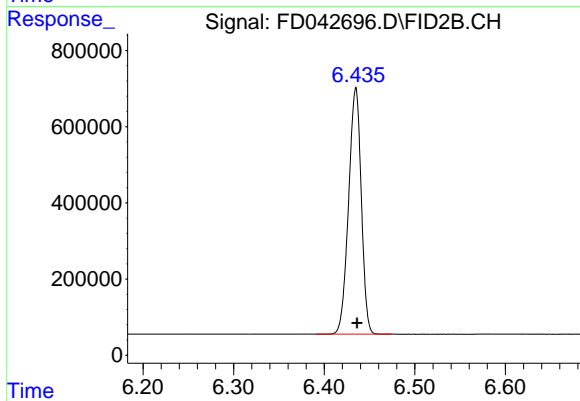
#2 n-Decane (C10)

R.T.: 4.423 min
Delta R.T.: 0.001 min
Response: 5647365
Conc: 40.90 ug/ml



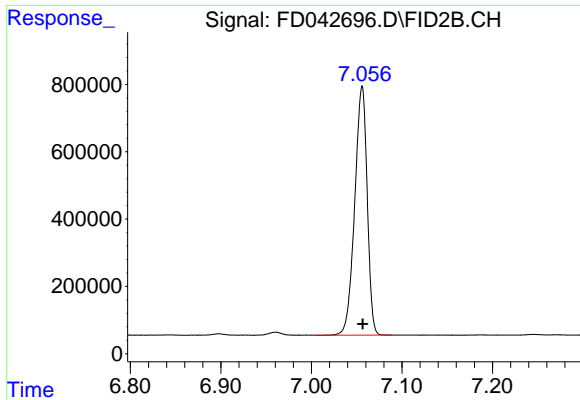
#3 A~Naphthalene (C11.7)

R.T.: 6.001 min
Delta R.T.: -0.003 min
Response: 6950955
Conc: 44.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.435 min
Delta R.T.: -0.001 min
Response: 6280325
Conc: 44.32 ug/ml



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

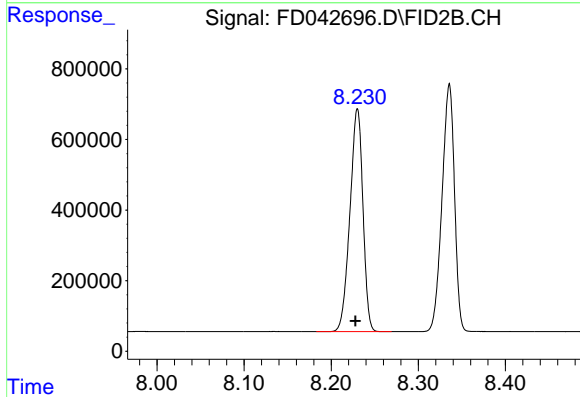
R.T.: 7.056 min
 Delta R.T.: 0.000 min
 Response: 7070089
 Conc: 44.16 ug/ml

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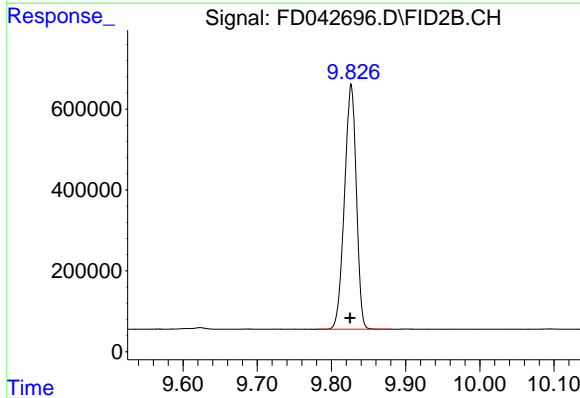
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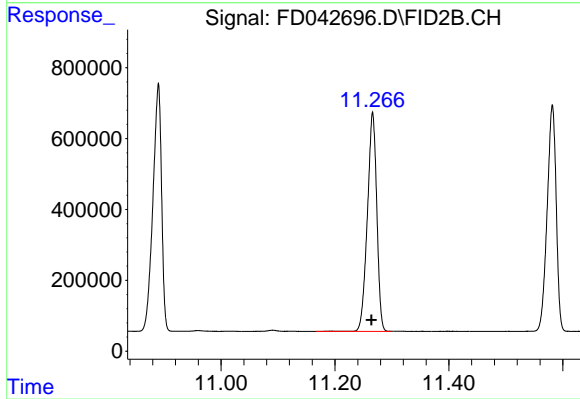
#6 n-Tetradecane (C14)

R.T.: 8.230 min
 Delta R.T.: 0.002 min
 Response: 6545304
 Conc: 45.45 ug/ml



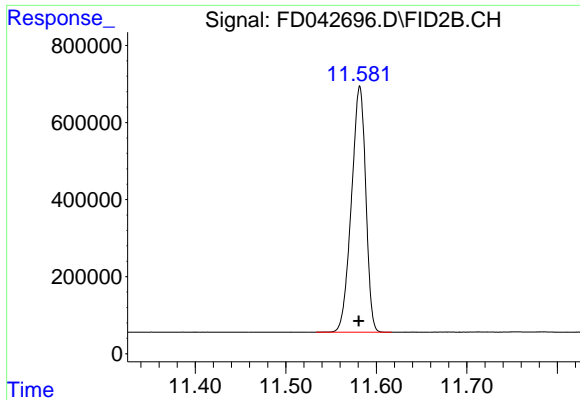
#7 n-Hexadecane (C16)

R.T.: 9.827 min
 Delta R.T.: 0.001 min
 Response: 6737732
 Conc: 45.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.266 min
 Delta R.T.: 0.002 min
 Response: 7073843
 Conc: 47.00 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.582 min
 Delta R.T.: 0.001 min
 Response: 7019159
 Conc: 42.26 ug/ml

Instrument :

FID_D

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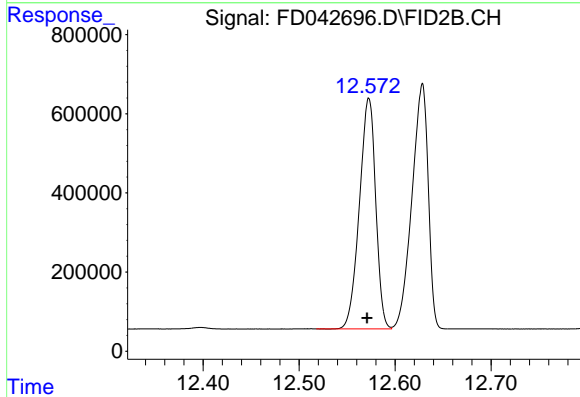
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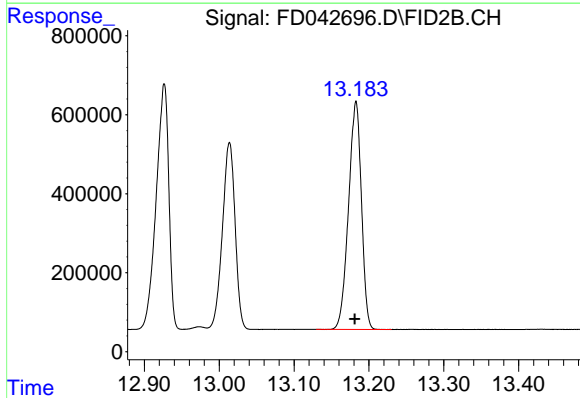
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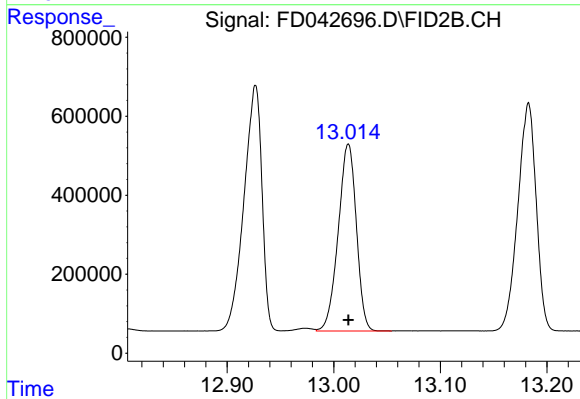
#10 n-Eicosane (C20)

R.T.: 12.573 min
 Delta R.T.: 0.002 min
 Response: 6933736
 Conc: 46.11 ug/ml



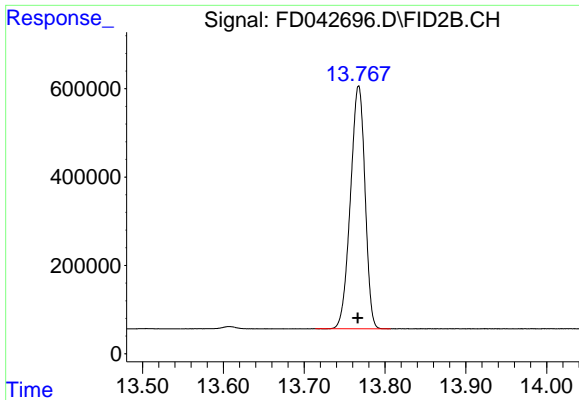
#11 n-Heneicosane (C21)

R.T.: 13.183 min
 Delta R.T.: 0.002 min
 Response: 6915417
 Conc: 45.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.014 min
 Delta R.T.: 0.000 min
 Response: 5595303
 Conc: 42.84 ug/ml



#13 n-Docosane (C22)

R.T.: 13.767 min
 Delta R.T.: 0.001 min
 Response: 6895836
 Conc: 45.62 ug/ml

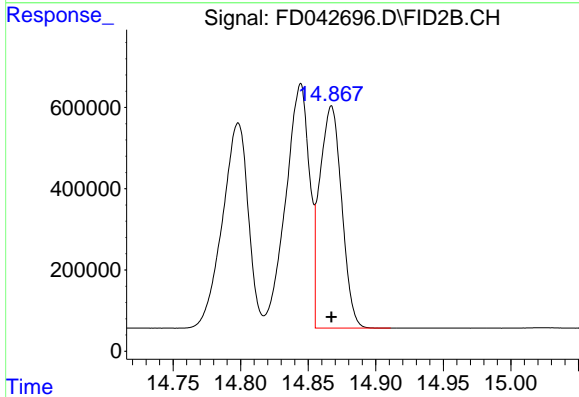
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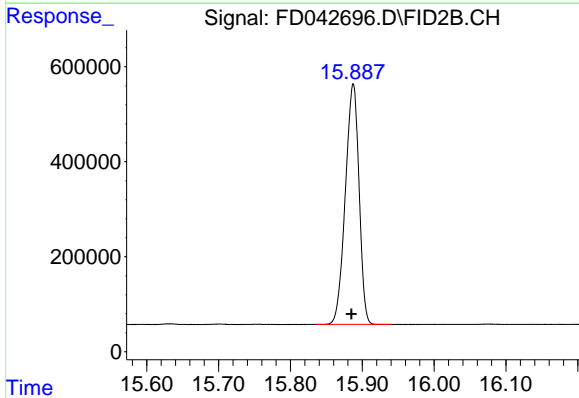
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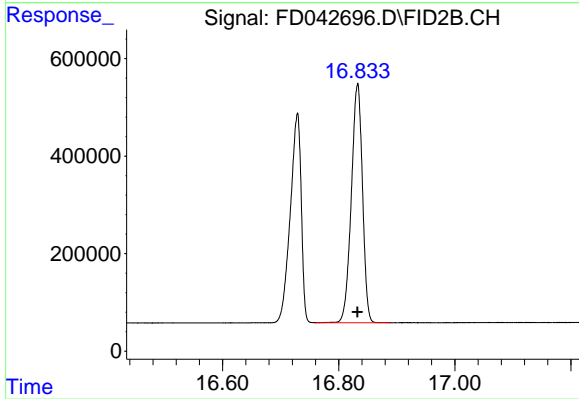
#14 n-Tetracosane (C24)

R.T.: 14.867 min
 Delta R.T.: 0.000 min
 Response: 6192054
 Conc: 41.26 ug/ml



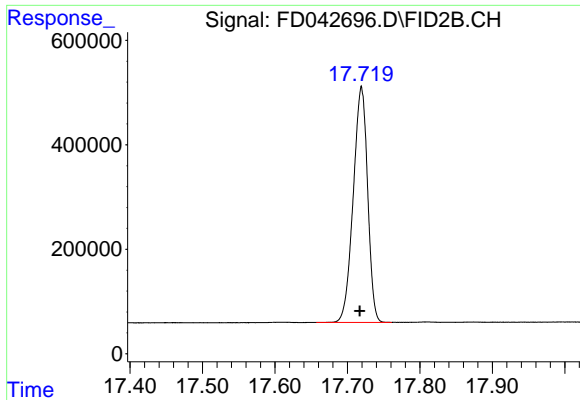
#15 n-Hexacosane (C26)

R.T.: 15.887 min
 Delta R.T.: 0.003 min
 Response: 6727572
 Conc: 46.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.833 min
 Delta R.T.: 0.000 min
 Response: 6529690
 Conc: 46.82 ug/ml



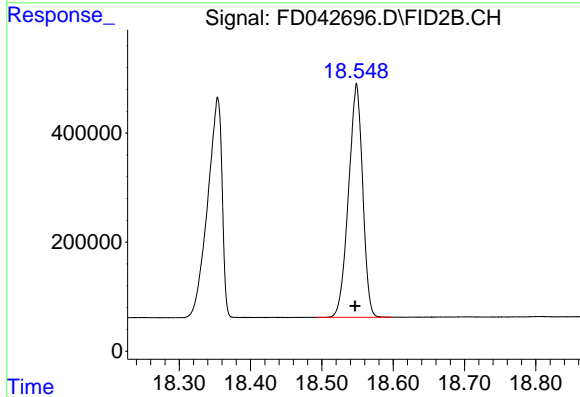
#17 n-Tricontane (C30)
 R.T.: 17.719 min
 Delta R.T.: 0.002 min
 Response: 6214165
 Conc: 47.53 ug/ml

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 FID_D

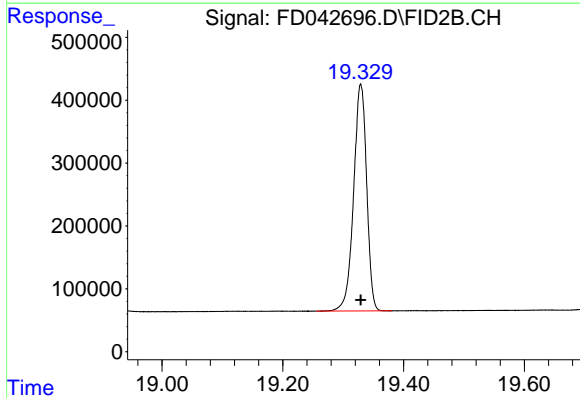
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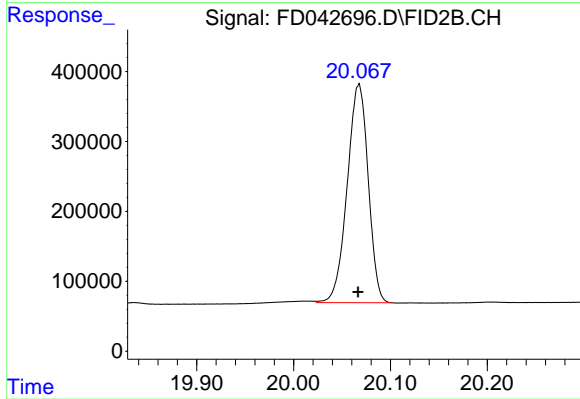
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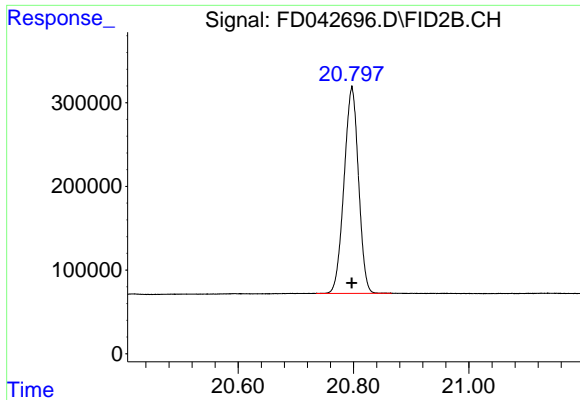
#18 n-Dotriacontane (C32)
 R.T.: 18.549 min
 Delta R.T.: 0.002 min
 Response: 5885427
 Conc: 49.84 ug/ml



#19 n-Tetratriacontane (C34)
 R.T.: 19.329 min
 Delta R.T.: 0.000 min
 Response: 5413894
 Conc: 50.93 ug/ml



#20 n-Hexatriacontane (C36)
 R.T.: 20.067 min
 Delta R.T.: 0.000 min
 Response: 4714768
 Conc: 48.22 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.797 min
 Delta R.T.: 0.000 min
 Response: 4288239
 Conc: 47.01 ug/ml

Instrument :

FID_D

ClientSampleId :

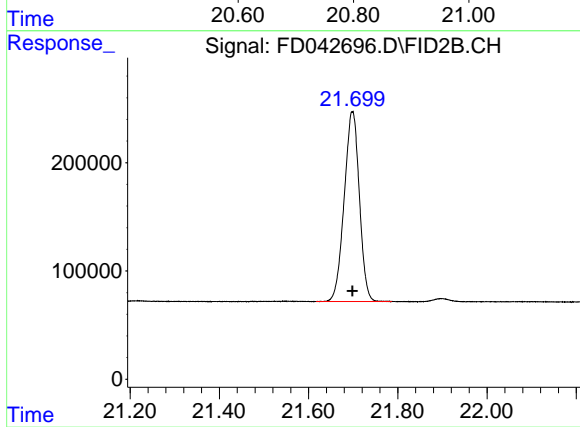
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#22 n-Tetracontane (C40)

R.T.: 21.698 min
 Delta R.T.: 0.000 min
 Response: 4142728
 Conc: 51.12 ug/ml