

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121421AL\
 Data File : FF009396.D
 Signal(s) : FID2B.ch
 Acq On : 14 Dec 2021 17:41
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2021
 Supervised By :Ankita Jodhani 12/16/2021

Integration File: autoint1.e
 Quant Time: Dec 15 04:20:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH -FF121421
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 16:37:50 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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)	10.744	2588500	19.256 ug/ml
Spiked Amount 50.000		Recovery =	38.51%
12) S 1-chlorooctadecane (S...	12.178	2053760	19.219 ug/ml
Spiked Amount 50.000		Recovery =	38.44%
Target Compounds			
1) T n-Nonane (C9)	2.642	2241384	19.327 ug/ml
2) T n-Decane (C10)	3.642	2251613	19.428 ug/ml
3) T A~Naphthalene (C11.7)	5.195	2464417	19.584 ug/ml
4) T n-Dodecane (C12)	5.620	2261693	19.232 ug/ml
5) T A~2-methylnaphthalene...	6.239	2456884	19.602 ug/ml
6) T n-Tetradecane (C14)	7.403	2272939	19.231 ug/ml
7) T n-Hexadecane (C16)	8.995	2307294	19.216 ug/ml
8) T n-Octadecane (C18)	10.431	2415567	19.117 ug/ml
10) T n-Eicosane (C20)	11.735	2439758	19.104 ug/ml
11) T n-Heneicosane (C21)	12.344	2480472	19.096 ug/ml
13) T n-Docosane (C22)	12.928	2477318	19.118 ug/ml
14) T n-Tetracosane (C24)	14.027	2504427	19.226 ug/ml
15) T n-Hexacosane (C26)	15.043	2435514	19.577 ug/ml
16) T n-Octacosane (C28)	15.989	2299075	19.883 ug/ml
17) T n-Tricontane (C30)	16.874	2099077	19.643 ug/ml
18) T n-Dotriacontane (C32)	17.703	1975295	19.184 ug/mlm
19) T n-Tetratriacontane (C34)	18.484	1979333	19.307 ug/ml
20) T n-Hexatriacontane (C36)	19.220	1944429	19.435 ug/ml
21) T n-Octatriacontane (C38)	19.928	1888812	19.504 ug/ml
22) T n-Tetracontane (C40)	20.762	1715053	21.077 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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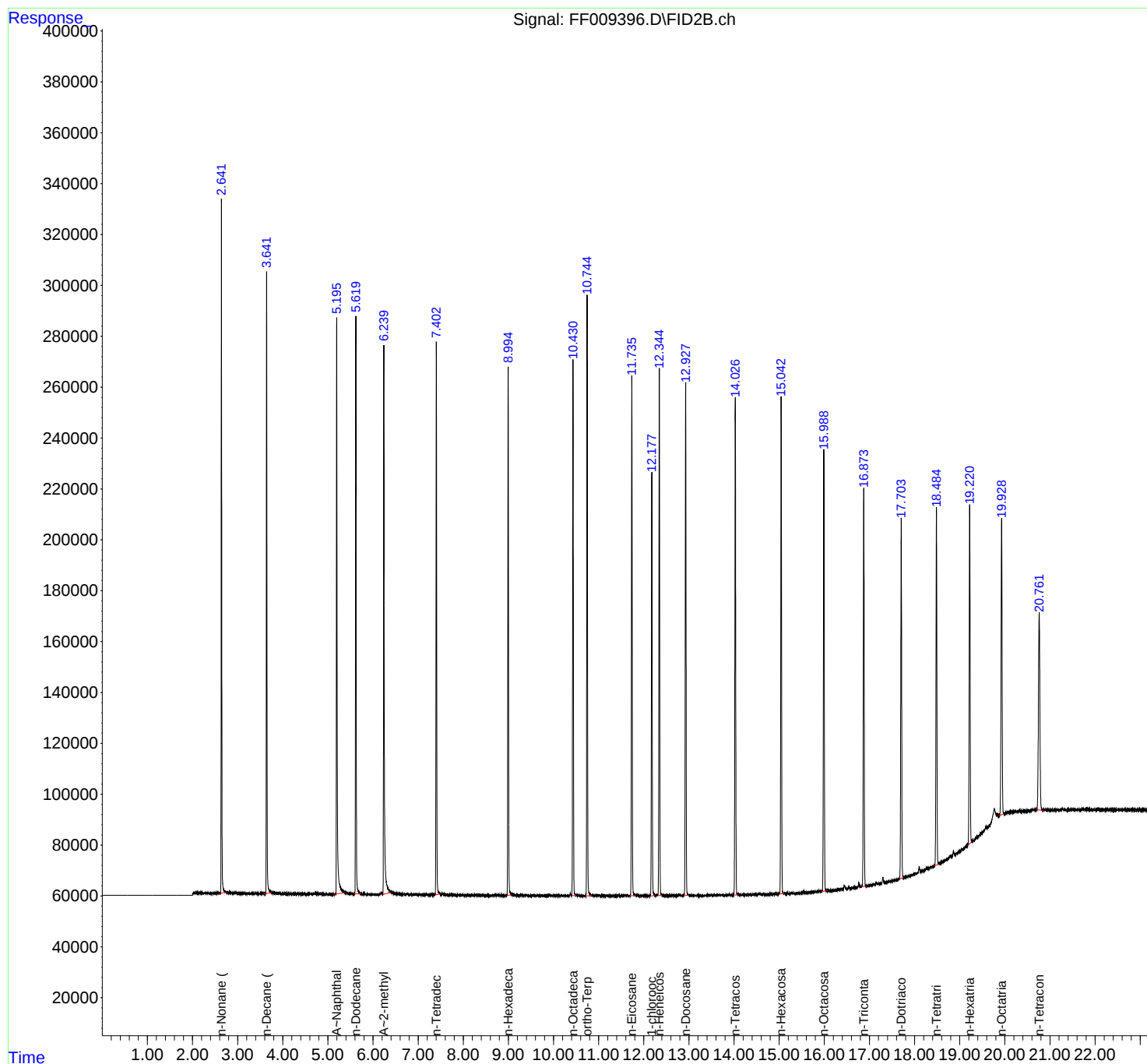
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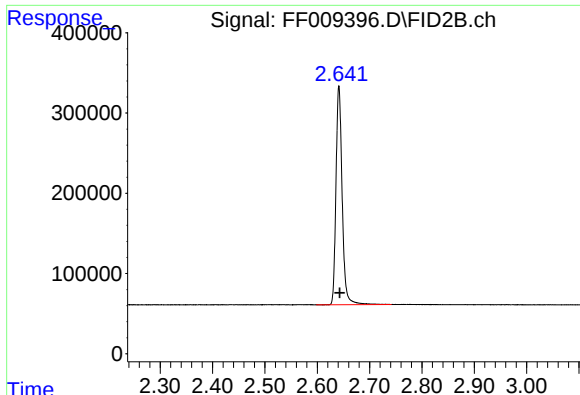
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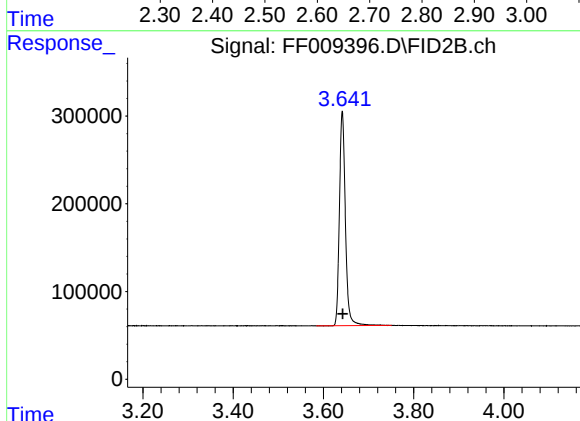
#1 n-Nonane (C9)

R.T.: 2.642 min
Delta R.T.: -0.001 min
Response: 2241384
Conc: 19.33 ug/ml

Instrument :
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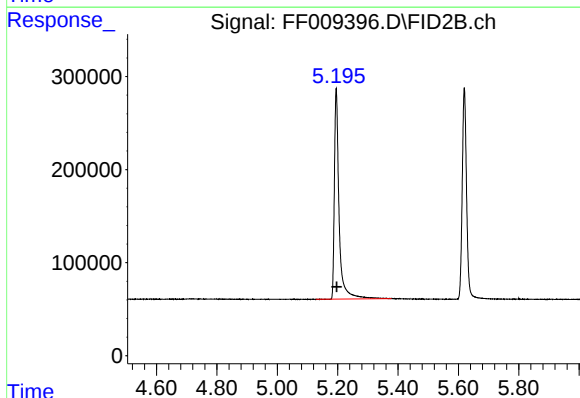
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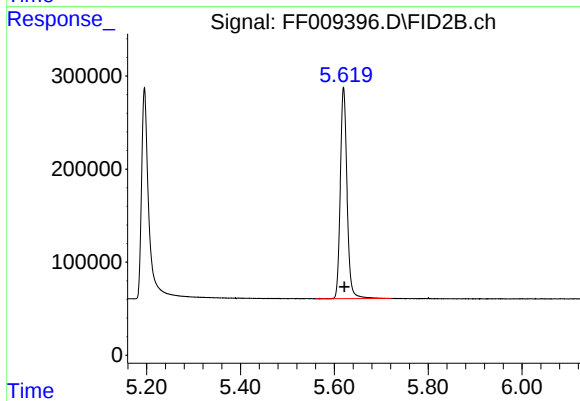
#2 n-Decane (C10)

R.T.: 3.642 min
Delta R.T.: 0.000 min
Response: 2251613
Conc: 19.43 ug/ml



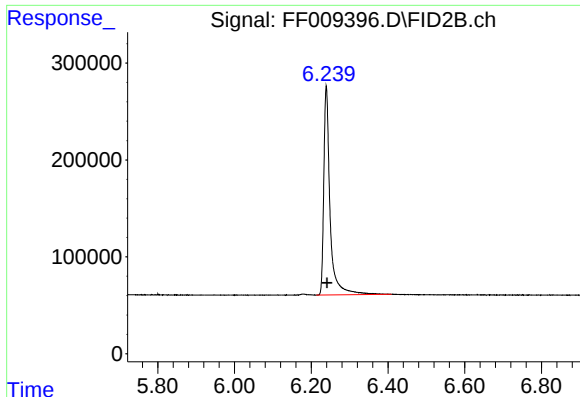
#3 A~Naphthalene (C11.7)

R.T.: 5.195 min
Delta R.T.: -0.002 min
Response: 2464417
Conc: 19.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.620 min
Delta R.T.: -0.001 min
Response: 2261693
Conc: 19.23 ug/ml



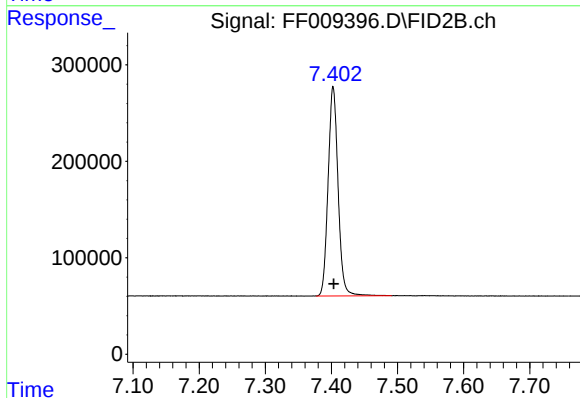
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.239 min
Delta R.T.: -0.002 min
Response: 2456884
Conc: 19.60 ug/ml

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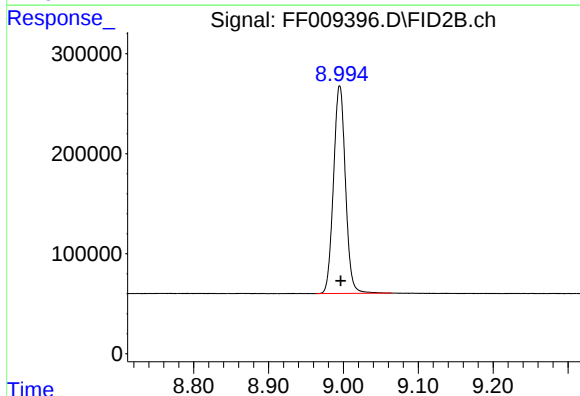
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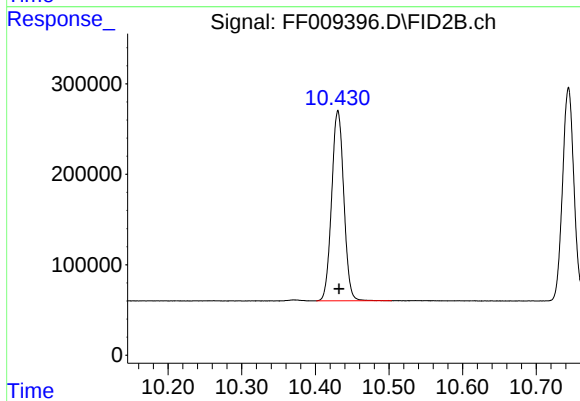
#6 n-Tetradecane (C14)

R.T.: 7.403 min
Delta R.T.: -0.001 min
Response: 2272939
Conc: 19.23 ug/ml



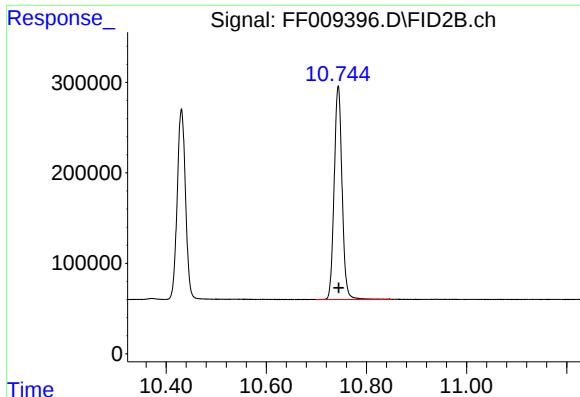
#7 n-Hexadecane (C16)

R.T.: 8.995 min
Delta R.T.: -0.001 min
Response: 2307294
Conc: 19.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.431 min
Delta R.T.: -0.001 min
Response: 2415567
Conc: 19.12 ug/ml



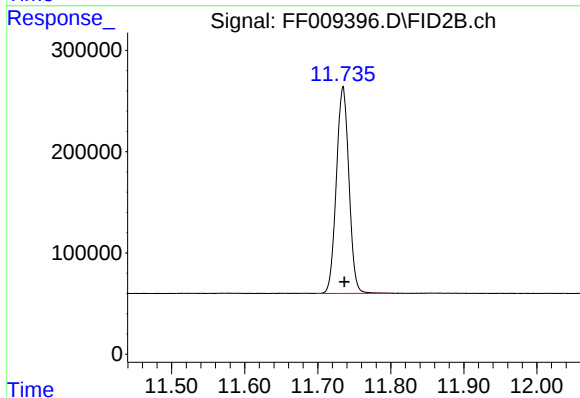
#9 ortho-Terphenyl (SURR)

R.T.: 10.744 min
Delta R.T.: 0.000 min
Response: 2588500
Conc: 19.26 ug/ml

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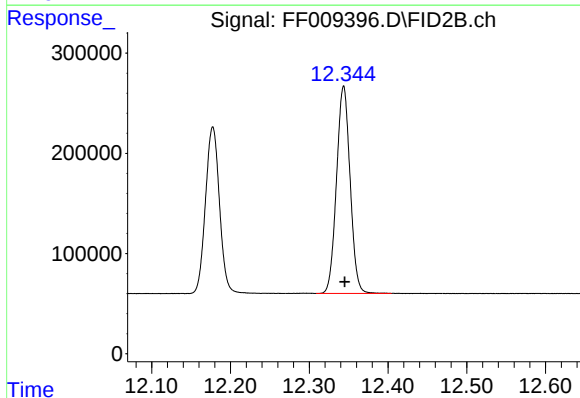
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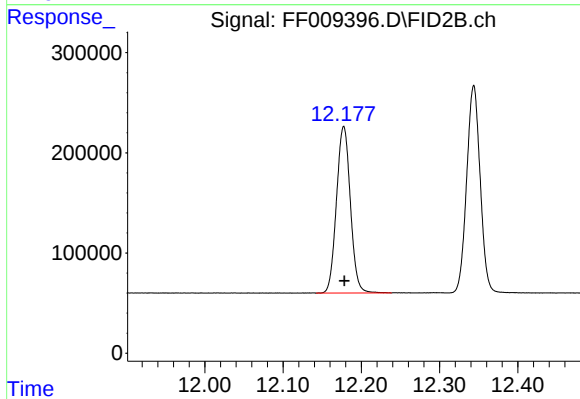
#10 n-Eicosane (C20)

R.T.: 11.735 min
Delta R.T.: -0.002 min
Response: 2439758
Conc: 19.10 ug/ml



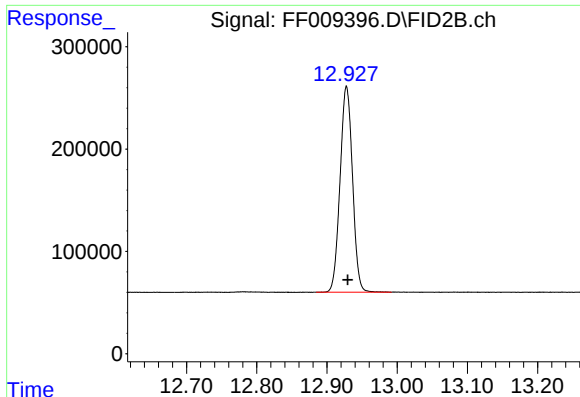
#11 n-Heneicosane (C21)

R.T.: 12.344 min
Delta R.T.: -0.001 min
Response: 2480472
Conc: 19.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.178 min
Delta R.T.: 0.000 min
Response: 2053760
Conc: 19.22 ug/ml



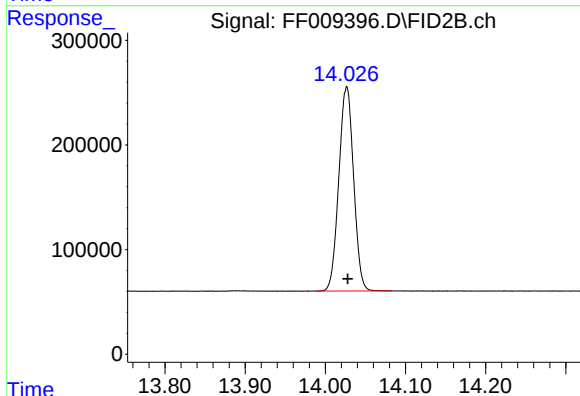
#13 n-Docosane (C22)

R.T.: 12.928 min
Delta R.T.: -0.002 min
Response: 2477318
Conc: 19.12 ug/ml

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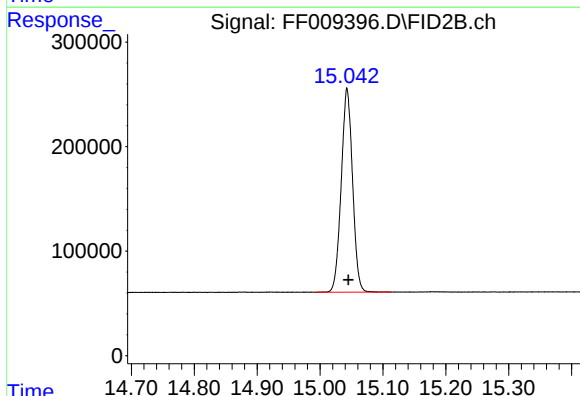
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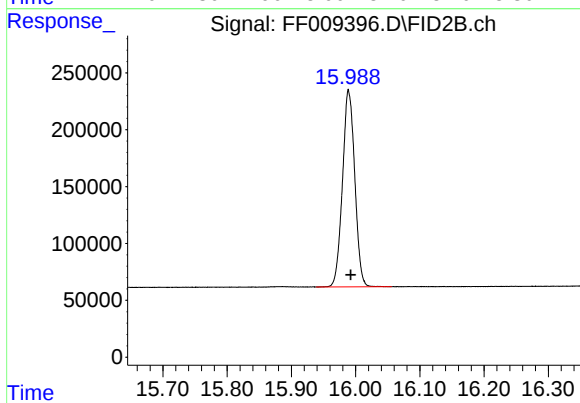
#14 n-Tetracosane (C24)

R.T.: 14.027 min
Delta R.T.: -0.001 min
Response: 2504427
Conc: 19.23 ug/ml



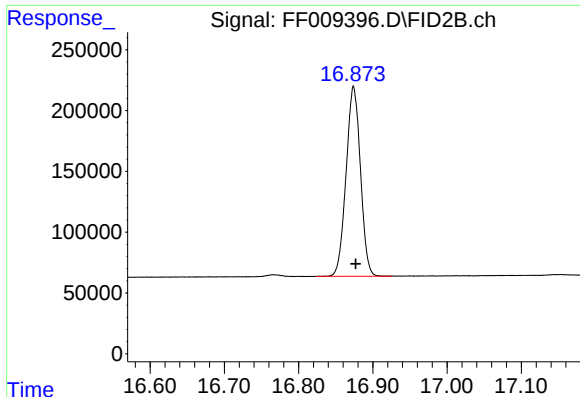
#15 n-Hexacosane (C26)

R.T.: 15.043 min
Delta R.T.: -0.002 min
Response: 2435514
Conc: 19.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.989 min
Delta R.T.: -0.004 min
Response: 2299075
Conc: 19.88 ug/ml



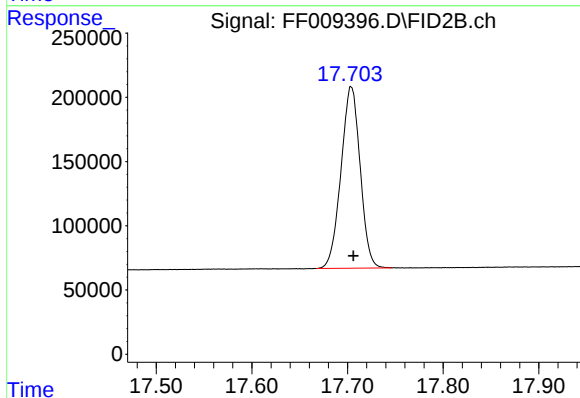
#17 n-Tricontane (C30)

R.T.: 16.874 min
Delta R.T.: -0.003 min
Response: 2099077
Conc: 19.64 ug/ml

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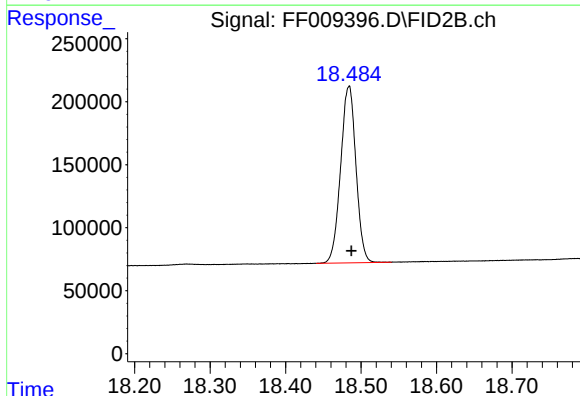
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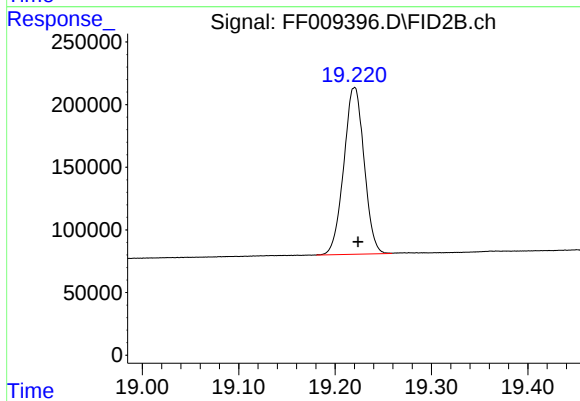
#18 n-Dotriacontane (C32)

R.T.: 17.703 min
Delta R.T.: -0.003 min
Response: 1975295
Conc: 19.18 ug/ml m



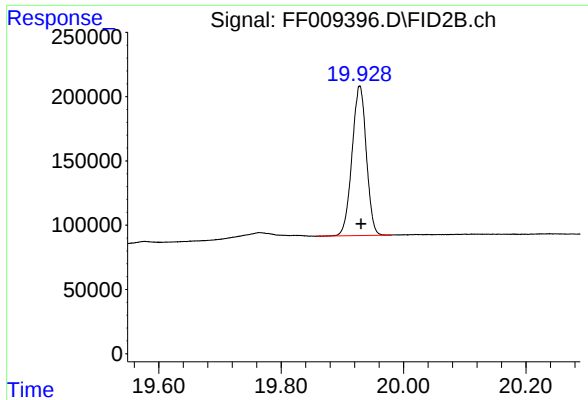
#19 n-Tetratriacontane (C34)

R.T.: 18.484 min
Delta R.T.: -0.003 min
Response: 1979333
Conc: 19.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.220 min
Delta R.T.: -0.004 min
Response: 1944429
Conc: 19.43 ug/ml



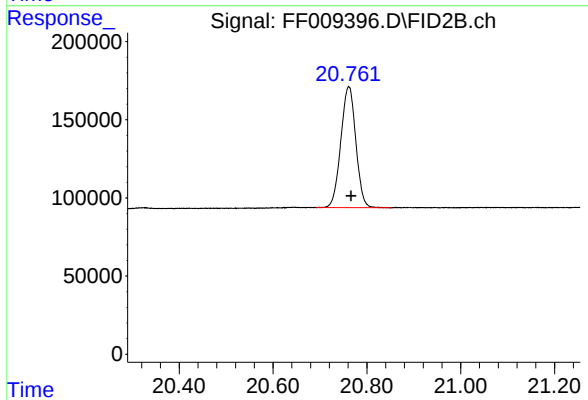
#21 n-Octatriacontane (C38)

R.T.: 19.928 min
Delta R.T.: -0.002 min
Response: 1888812
Conc: 19.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.762 min
Delta R.T.: -0.005 min
Response: 1715053
Conc: 21.08 ug/ml