

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030322AL\
 Data File : FD041369.D
 Signal(s) : FID2B.CH
 Acq On : 03 Mar 2022 10:30
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Mar 04 02:06:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 01:21:33 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)	11.243	3298255	19.014 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
12) S 1-chlorooctadecane (S...	12.683	2633369	19.451 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
Target Compounds			
1) T n-Nonane (C9)	3.106	2851050	19.579 ug/ml
2) T n-Decane (C10)	4.152	2877419	19.928 ug/ml
3) T A~Naphthalene (C11.7)	5.702	3103049	19.425 ug/ml
4) T n-Dodecane (C12)	6.148	2909131	19.642 ug/ml
5) T A~2-methylnaphthalene...	6.748	3127697	19.544 ug/ml
6) T n-Tetradecane (C14)	7.926	2941349	19.647 ug/ml
7) T n-Hexadecane (C16)	9.513	2967745	19.495 ug/ml
8) T n-Octadecane (C18)	10.944	2982505	19.189 ug/ml
10) T n-Eicosane (C20)	12.246	2991798	19.272 ug/ml
11) T n-Heneicosane (C21)	12.853	2956677	18.882 ug/ml
13) T n-Docosane (C22)	13.437	3023277	19.304 ug/ml
14) T n-Tetracosane (C24)	14.533	3066564	19.551 ug/ml
15) T n-Hexacosane (C26)	15.548	3035226	19.755 ug/ml
16) T n-Octacosane (C28)	16.493	3071931	20.641 ug/ml
17) T n-Tricontane (C30)	17.375	3126397	22.220 ug/ml
18) T n-Dotriacontane (C32)	18.203	3003393	23.607 ug/ml
19) T n-Tetratriacontane (C34)	18.983	2661384	23.366 ug/ml
20) T n-Hexatriacontane (C36)	19.719	2395512	23.372 ug/ml
21) T n-Octatriacontane (C38)	20.418	2219502	23.377 ug/ml
22) T n-Tetracontane (C40)	21.203	2160334	22.795 ug/ml

(f)=RT Delta > 1/2 Window

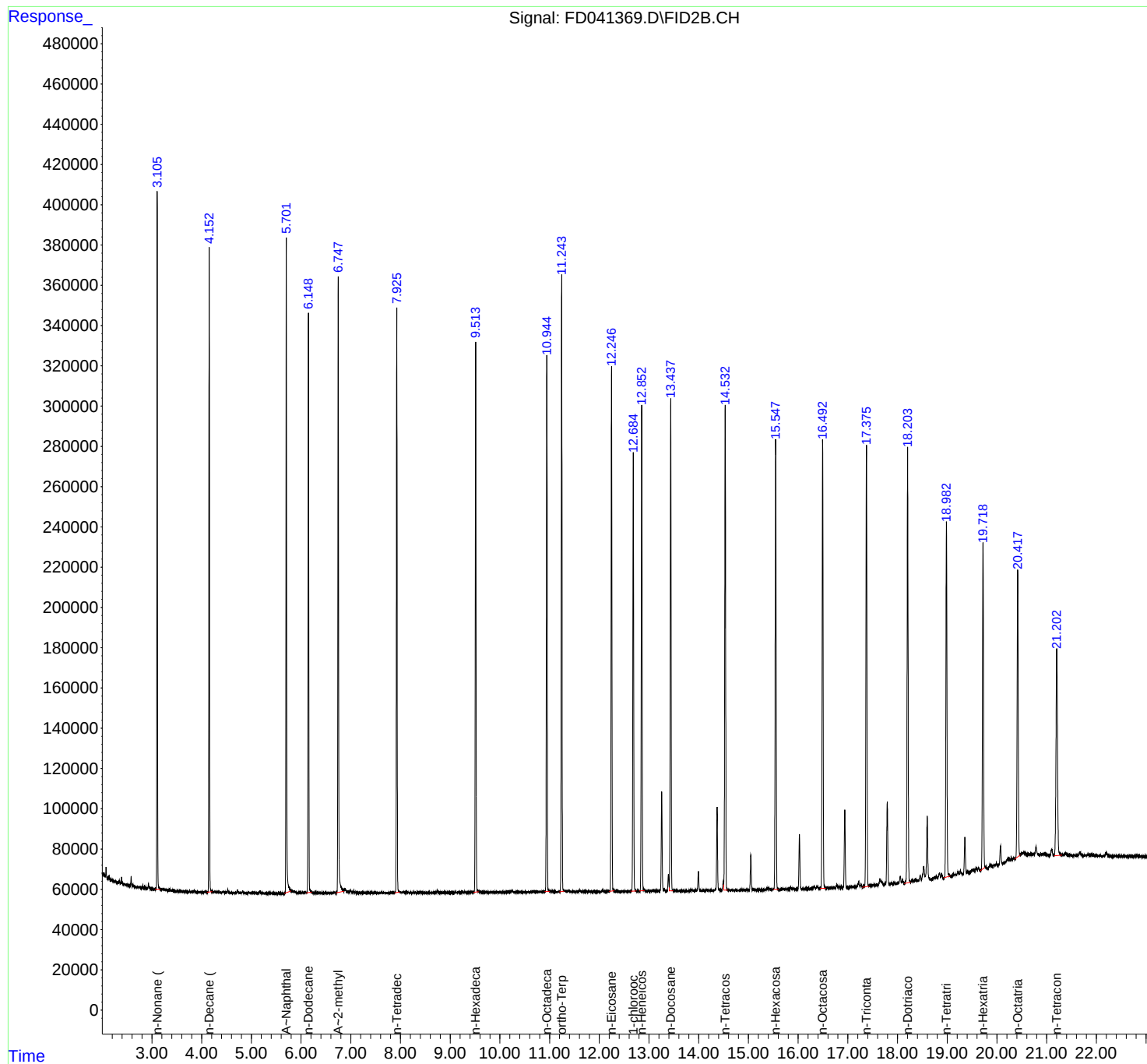
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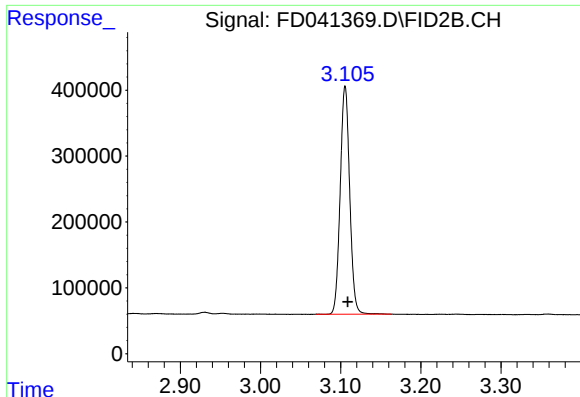
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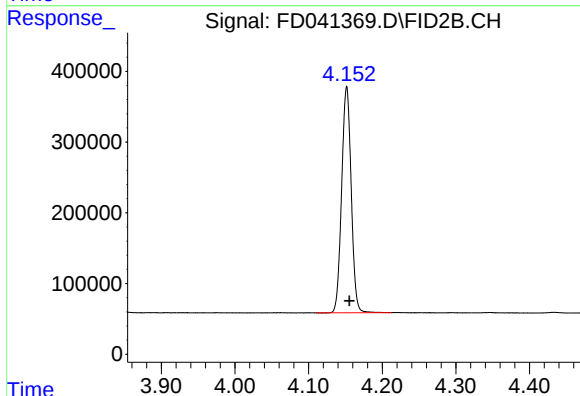




#1 n-Nonane (C9)

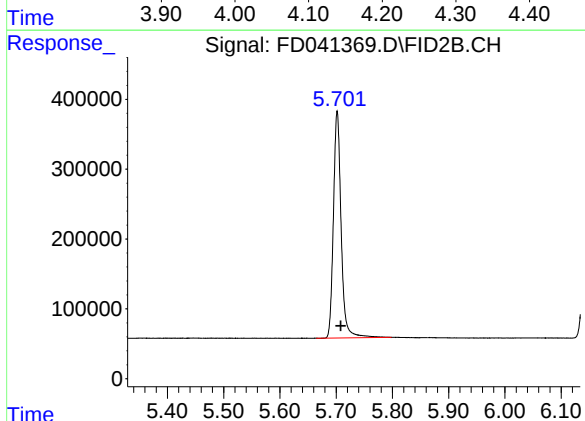
R.T.: 3.106 min
Delta R.T.: -0.003 min
Response: 2851050
Conc: 19.58 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



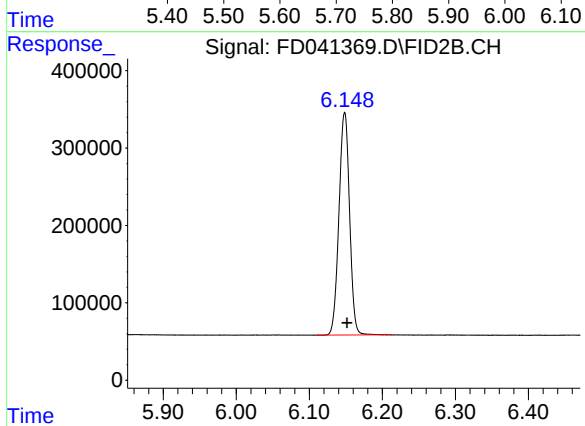
#2 n-Decane (C10)

R.T.: 4.152 min
Delta R.T.: -0.004 min
Response: 2877419
Conc: 19.93 ug/ml



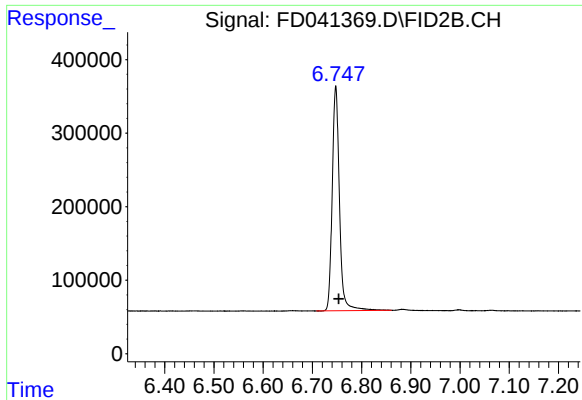
#3 A~Naphthalene (C11.7)

R.T.: 5.702 min
Delta R.T.: -0.006 min
Response: 3103049
Conc: 19.43 ug/ml



#4 n-Dodecane (C12)

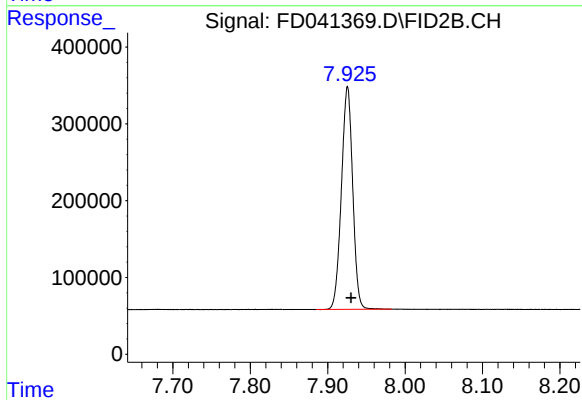
R.T.: 6.148 min
Delta R.T.: -0.003 min
Response: 2909131
Conc: 19.64 ug/ml



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

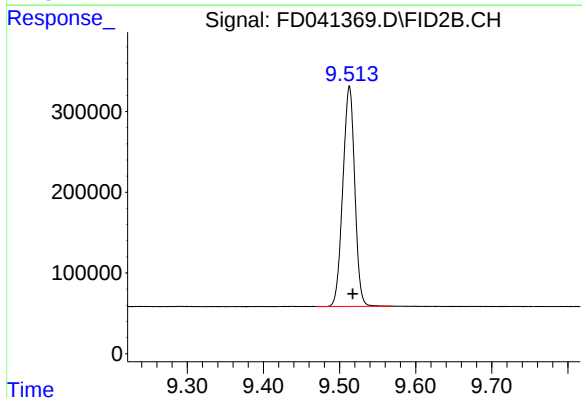
R.T.: 6.748 min
Delta R.T.: -0.006 min
Response: 3127697
Conc: 19.54 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



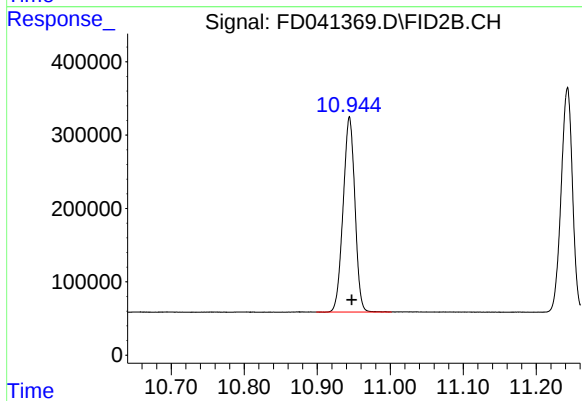
#6 n-Tetradecane (C14)

R.T.: 7.926 min
Delta R.T.: -0.004 min
Response: 2941349
Conc: 19.65 ug/ml



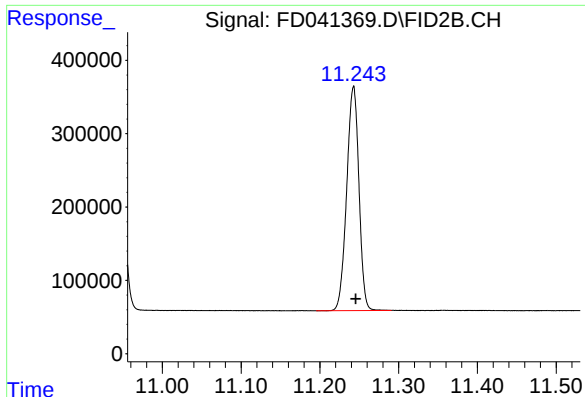
#7 n-Hexadecane (C16)

R.T.: 9.513 min
Delta R.T.: -0.004 min
Response: 2967745
Conc: 19.49 ug/ml



#8 n-Octadecane (C18)

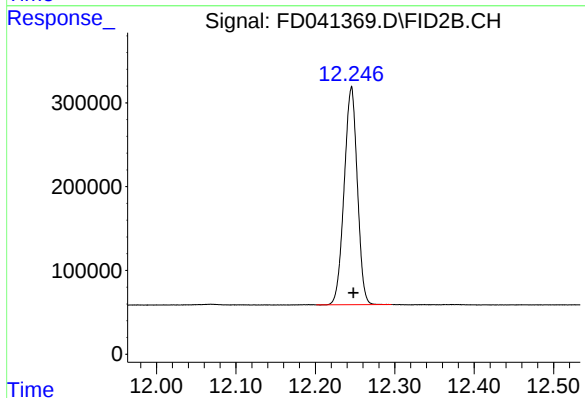
R.T.: 10.944 min
Delta R.T.: -0.003 min
Response: 2982505
Conc: 19.19 ug/ml



#9 ortho-Terphenyl (SURR)

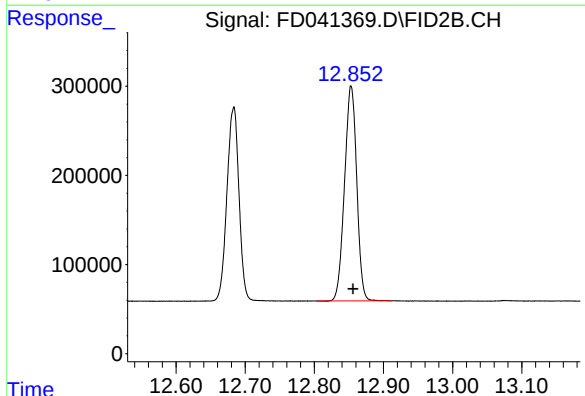
R.T.: 11.243 min
Delta R.T.: -0.003 min
Response: 3298255
Conc: 19.01 ug/ml

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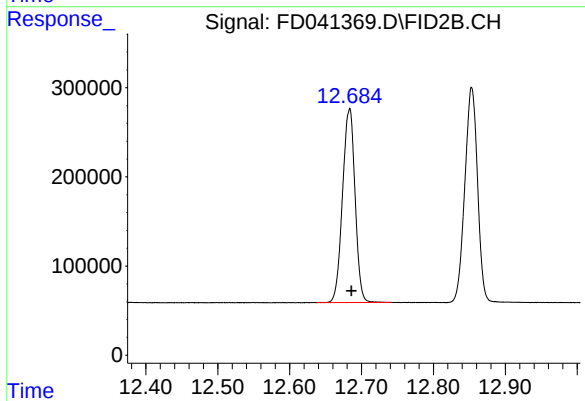
#10 n-Eicosane (C20)

R.T.: 12.246 min
Delta R.T.: -0.002 min
Response: 2991798
Conc: 19.27 ug/ml



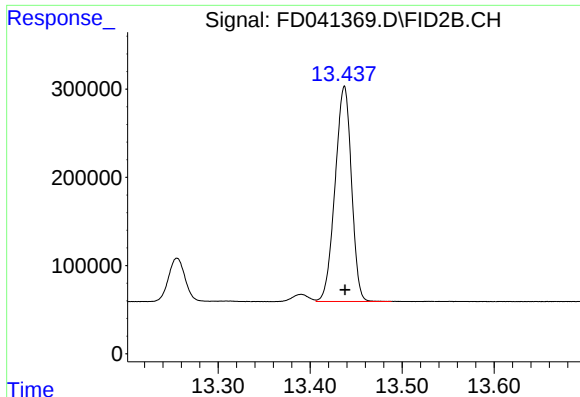
#11 n-Heneicosane (C21)

R.T.: 12.853 min
Delta R.T.: -0.003 min
Response: 2956677
Conc: 18.88 ug/ml



#12 1-chlorooctadecane (SURR)

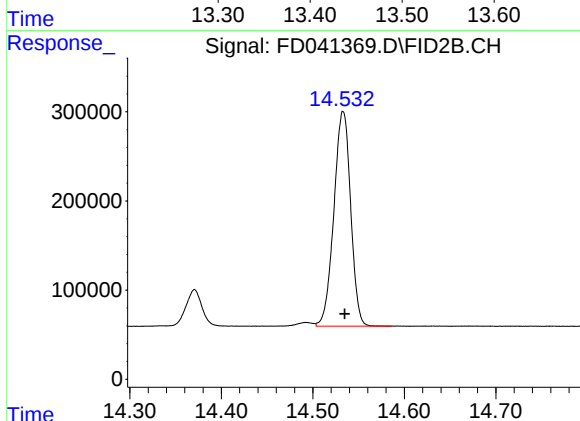
R.T.: 12.683 min
Delta R.T.: -0.003 min
Response: 2633369
Conc: 19.45 ug/ml



#13 n-Docosane (C22)

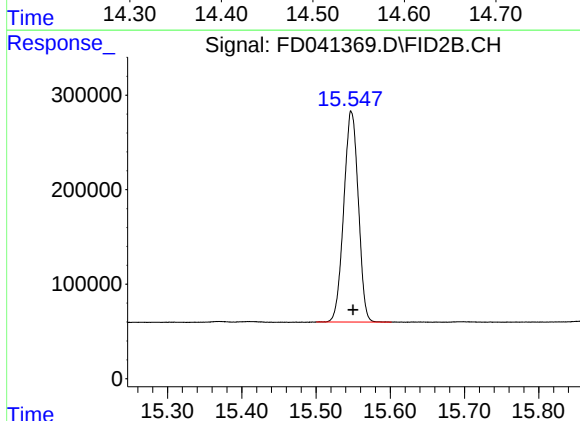
R.T.: 13.437 min
Delta R.T.: 0.000 min
Response: 3023277
Conc: 19.30 ug/ml

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20 PPM ALIPHATIC HC STD



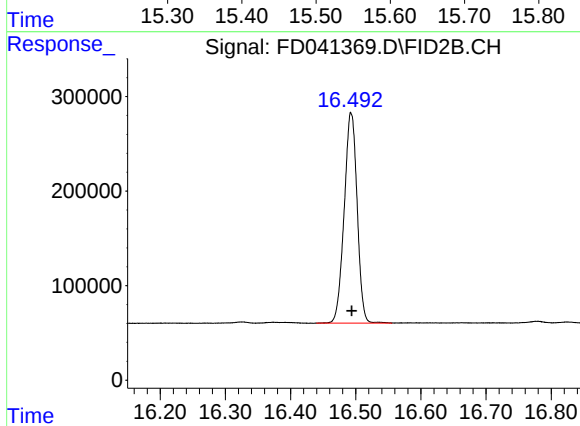
#14 n-Tetracosane (C24)

R.T.: 14.533 min
Delta R.T.: -0.002 min
Response: 3066564
Conc: 19.55 ug/ml



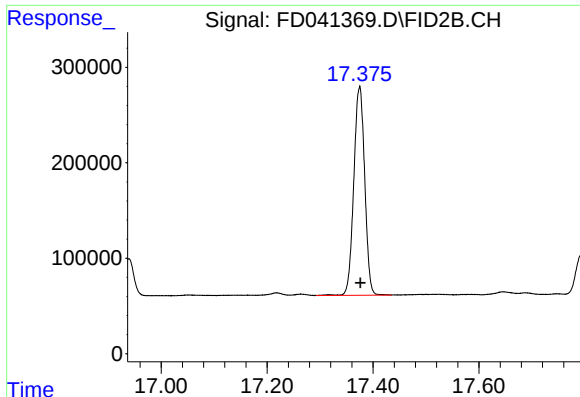
#15 n-Hexacosane (C26)

R.T.: 15.548 min
Delta R.T.: -0.002 min
Response: 3035226
Conc: 19.76 ug/ml



#16 n-Octacosane (C28)

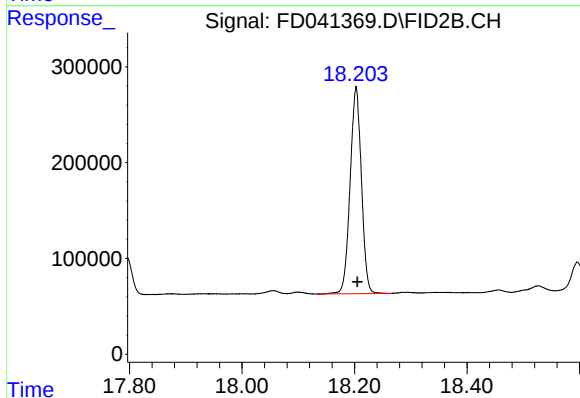
R.T.: 16.493 min
Delta R.T.: -0.001 min
Response: 3071931
Conc: 20.64 ug/ml



#17 n-Tricontane (C30)

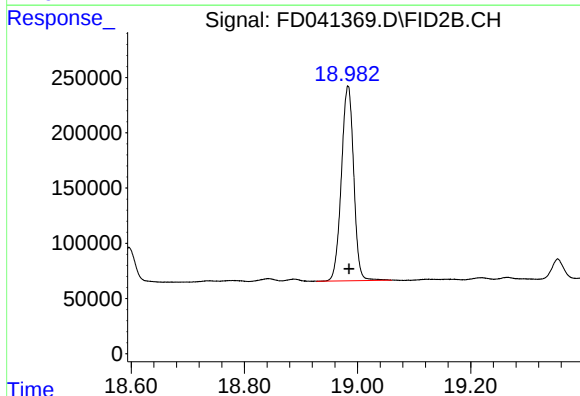
R.T.: 17.375 min
Delta R.T.: -0.002 min
Response: 3126397
Conc: 22.22 ug/ml

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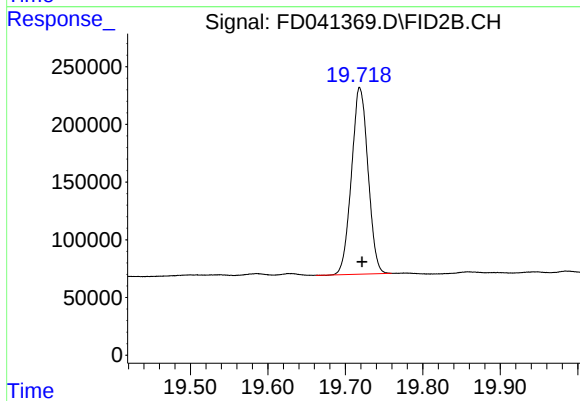
#18 n-Dotriacontane (C32)

R.T.: 18.203 min
Delta R.T.: -0.002 min
Response: 3003393
Conc: 23.61 ug/ml



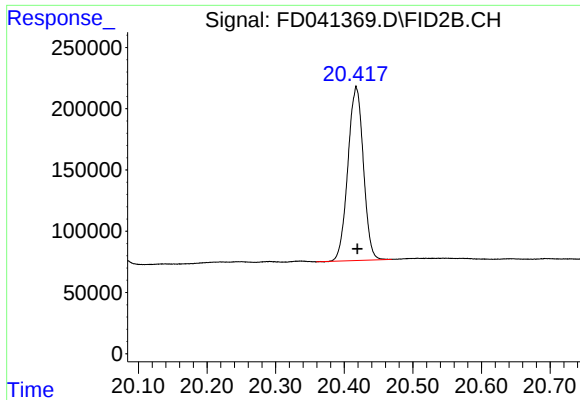
#19 n-Tetratriacontane (C34)

R.T.: 18.983 min
Delta R.T.: -0.002 min
Response: 2661384
Conc: 23.37 ug/ml



#20 n-Hexatriacontane (C36)

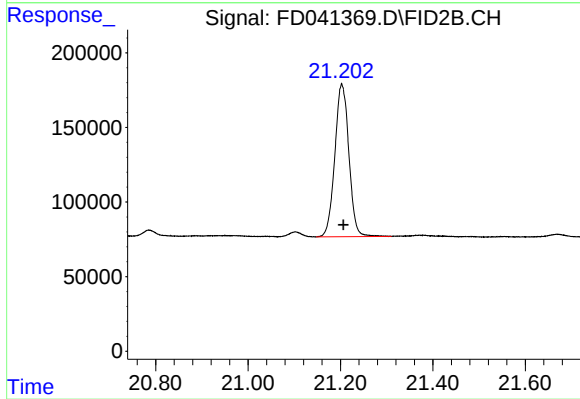
R.T.: 19.719 min
Delta R.T.: -0.003 min
Response: 2395512
Conc: 23.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.418 min
Delta R.T.: -0.002 min
Response: 2219502
Conc: 23.38 ug/ml

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FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.203 min
Delta R.T.: -0.004 min
Response: 2160334
Conc: 22.79 ug/ml