

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030922AL\
 Data File : FD041450.D
 Signal(s) : FID2B.CH
 Acq On : 09 Mar 2022 10:18
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/10/2022
 Supervised By :Ankita Jodhani 03/10/2022

Integration File: autoint1.e
 Quant Time: Mar 10 02:12:51 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)	11.249	3396669	19.582 ug/ml
Spiked Amount 50.000		Recovery =	39.16%
12) S 1-chlorooctadecane (S...	12.688	2626936	19.403 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
Target Compounds			
1) T n-Nonane (C9)	3.107	3072247	21.098 ug/ml
2) T n-Decane (C10)	4.153	3063204	21.214 ug/ml
3) T A~Naphthalene (C11.7)	5.706	3398082	21.272 ug/ml
4) T n-Dodecane (C12)	6.151	3155915	21.309 ug/ml
5) T A~2-methylnaphthalene...	6.753	3414198	21.335 ug/ml
6) T n-Tetradecane (C14)	7.930	3176300	21.217 ug/ml
7) T n-Hexadecane (C16)	9.519	3182794	20.907 ug/ml
8) T n-Octadecane (C18)	10.951	3169187	20.390 ug/ml
10) T n-Eicosane (C20)	12.251	3081553	19.850 ug/ml
11) T n-Heneicosane (C21)	12.859	3052610	19.495 ug/ml
13) T n-Docosane (C22)	13.442	3011802	19.231 ug/ml
14) T n-Tetracosane (C24)	14.539	2905389	18.523 ug/ml
15) T n-Hexacosane (C26)	15.554	2769951	18.028 ug/ml
16) T n-Octacosane (C28)	16.498	2693392	18.097 ug/ml
17) T n-Tricontane (C30)	17.381	2648897	18.826 ug/ml
18) T n-Dotriacontane (C32)	18.209	2534353	19.920 ug/ml
19) T n-Tetratriacontane (C34)	18.988	2355413	20.680 ug/mlm
20) T n-Hexatriacontane (C36)	19.725	2230059	21.758 ug/mlm
21) T n-Octatriacontane (C38)	20.422	2201950	23.192 ug/mlm
22) T n-Tetracontane (C40)	21.210	2132863	22.505 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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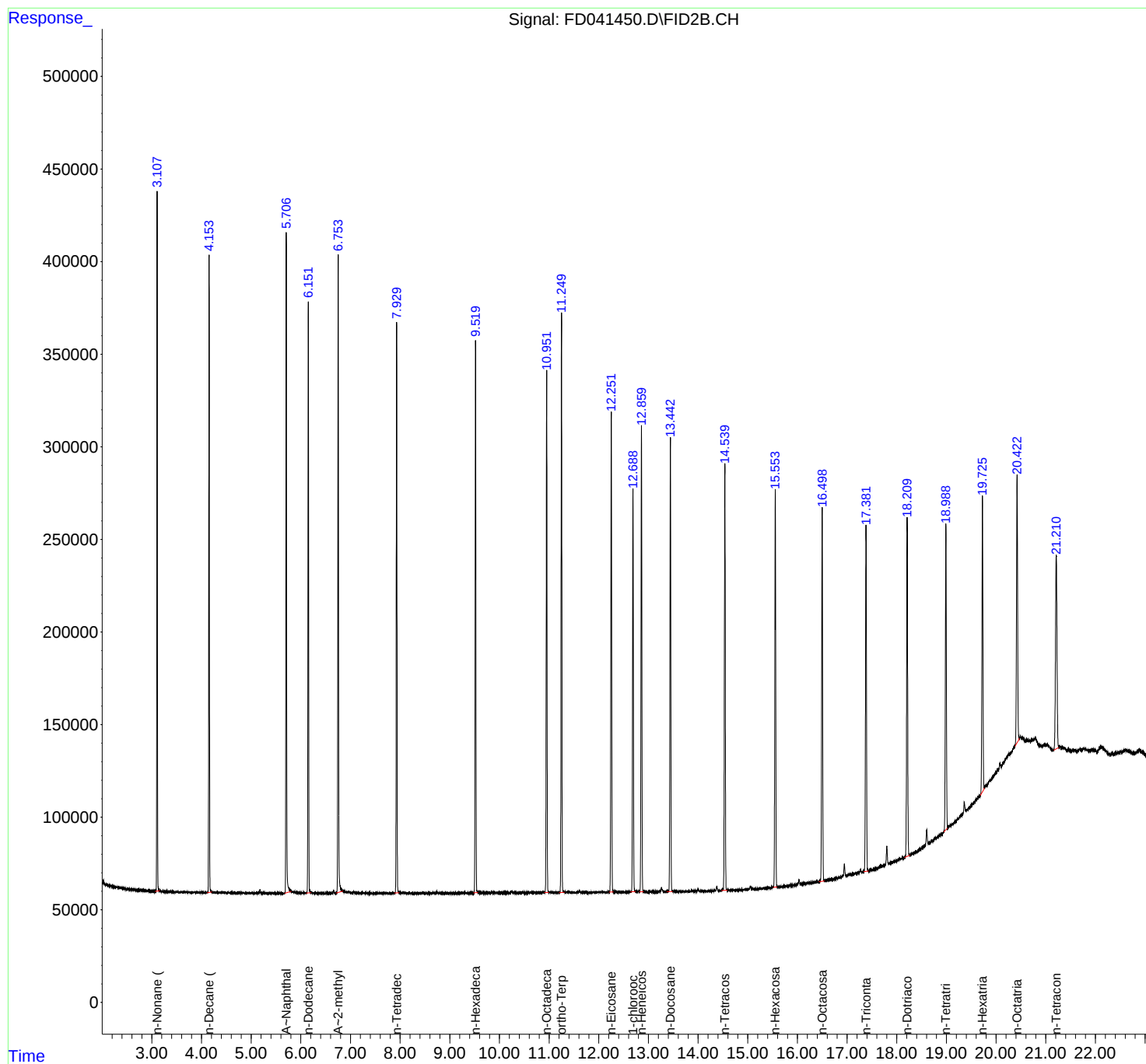
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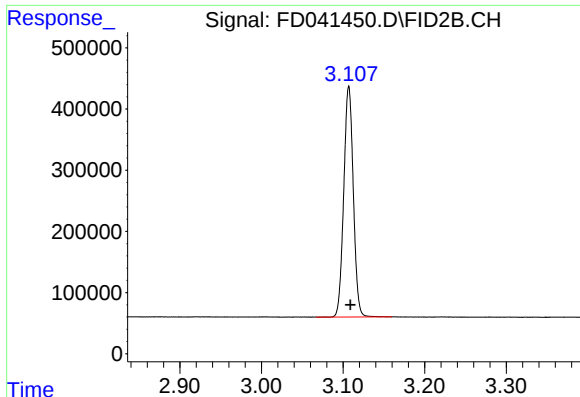
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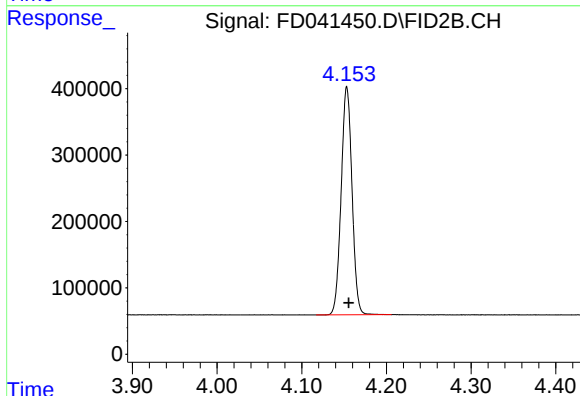
#1 n-Nonane (C9)

R.T.: 3.107 min
Delta R.T.: -0.002 min
Response: 3072247
Conc: 21.10 ug/ml

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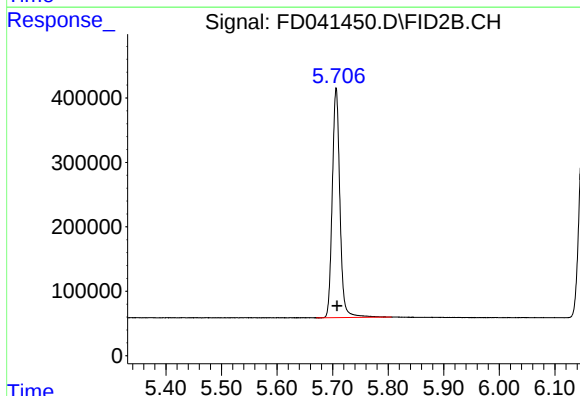
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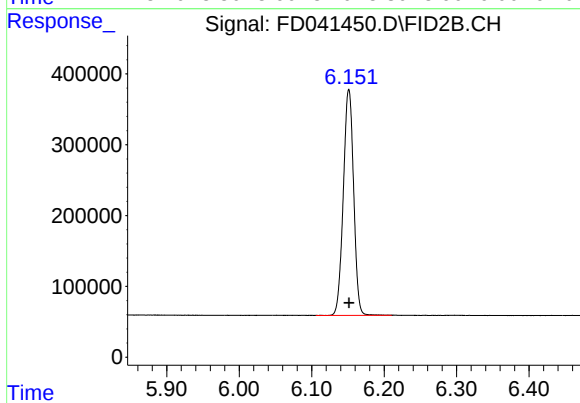
#2 n-Decane (C10)

R.T.: 4.153 min
Delta R.T.: -0.002 min
Response: 3063204
Conc: 21.21 ug/ml



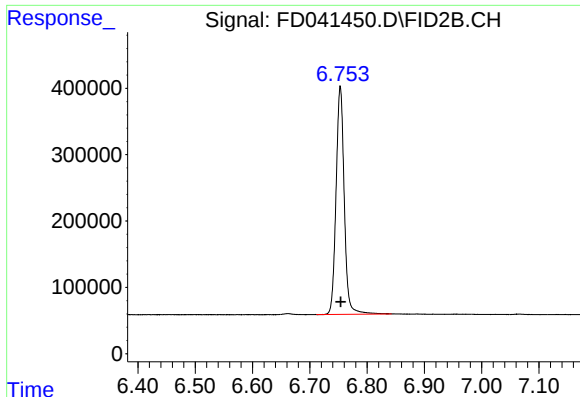
#3 A~Naphthalene (C11.7)

R.T.: 5.706 min
Delta R.T.: -0.002 min
Response: 3398082
Conc: 21.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 3155915
Conc: 21.31 ug/ml



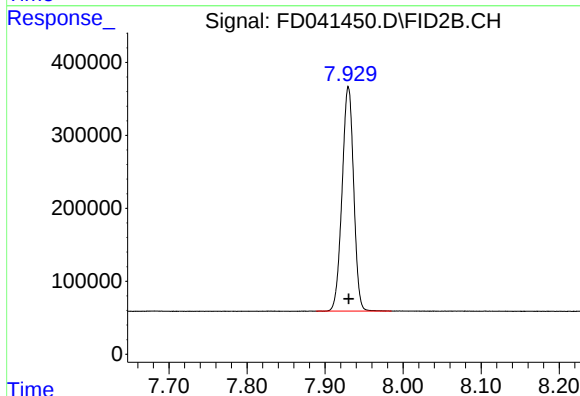
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 3414198
Conc: 21.33 ug/ml

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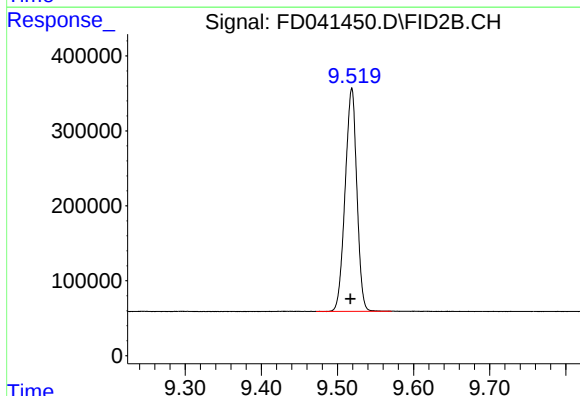
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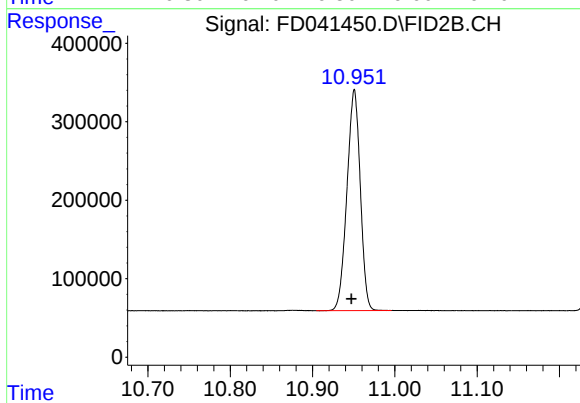
#6 n-Tetradecane (C14)

R.T.: 7.930 min
Delta R.T.: 0.000 min
Response: 3176300
Conc: 21.22 ug/ml



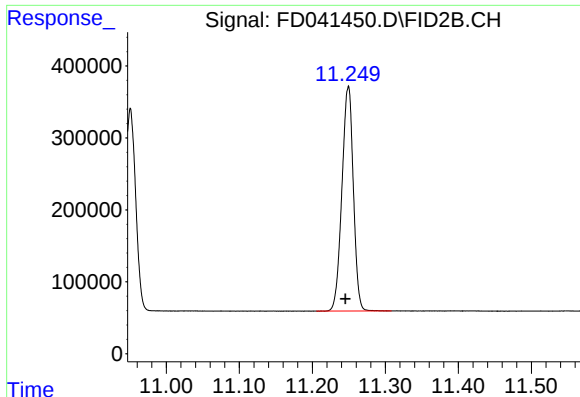
#7 n-Hexadecane (C16)

R.T.: 9.519 min
Delta R.T.: 0.002 min
Response: 3182794
Conc: 20.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.951 min
Delta R.T.: 0.004 min
Response: 3169187
Conc: 20.39 ug/ml



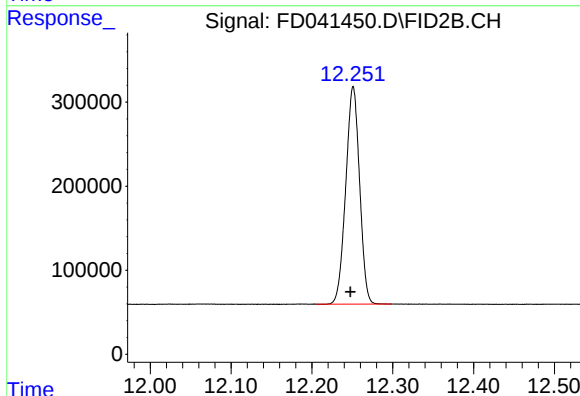
#9 ortho-Terphenyl (SURR)

R.T.: 11.249 min
Delta R.T.: 0.004 min
Response: 3396669
Conc: 19.58 ug/ml

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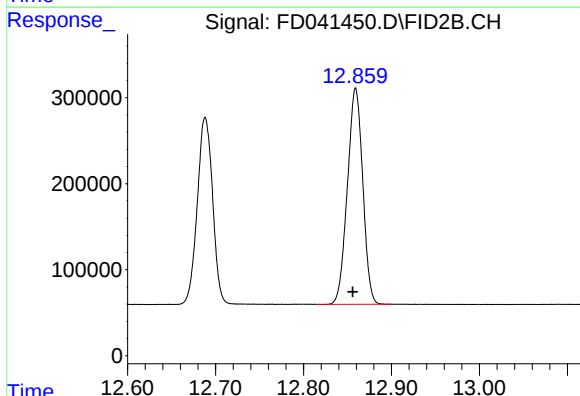
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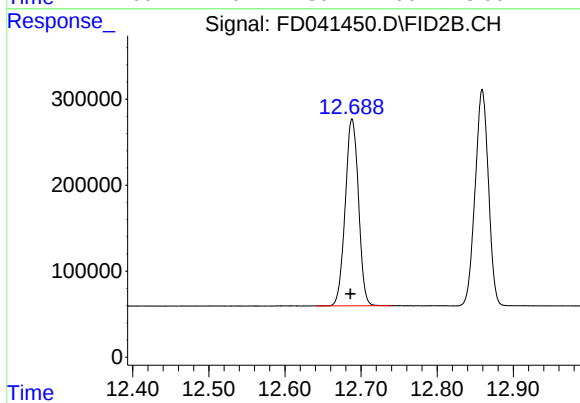
#10 n-Eicosane (C20)

R.T.: 12.251 min
Delta R.T.: 0.003 min
Response: 3081553
Conc: 19.85 ug/ml



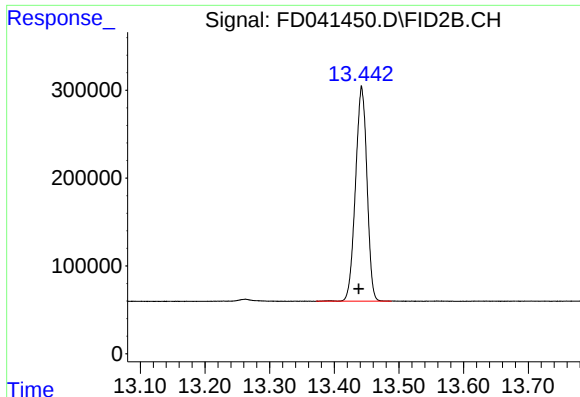
#11 n-Heneicosane (C21)

R.T.: 12.859 min
Delta R.T.: 0.003 min
Response: 3052610
Conc: 19.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.688 min
Delta R.T.: 0.002 min
Response: 2626936
Conc: 19.40 ug/ml



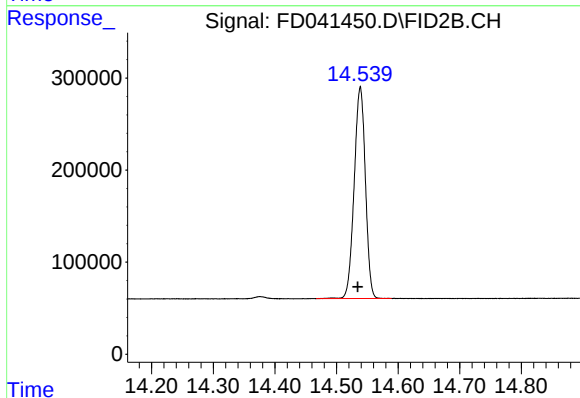
#13 n-Docosane (C22)

R.T.: 13.442 min
Delta R.T.: 0.005 min
Response: 3011802
Conc: 19.23 ug/ml

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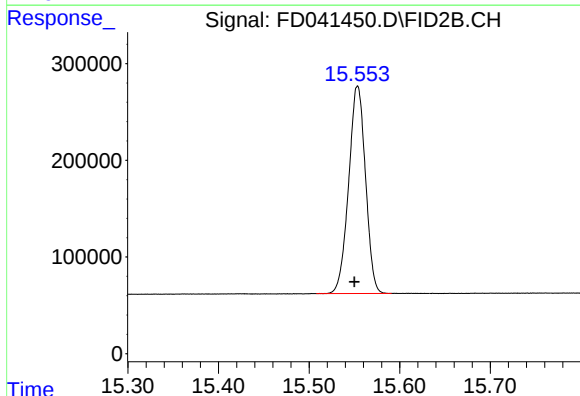
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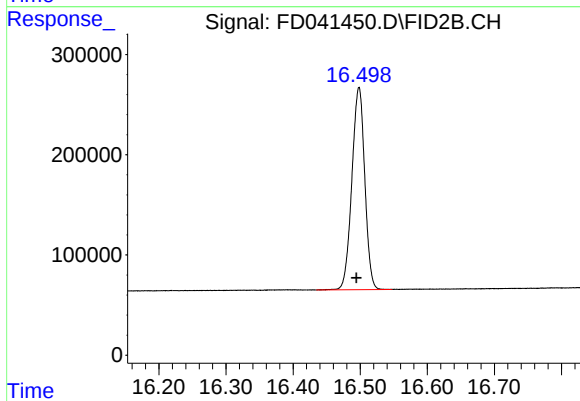
#14 n-Tetracosane (C24)

R.T.: 14.539 min
Delta R.T.: 0.004 min
Response: 2905389
Conc: 18.52 ug/ml



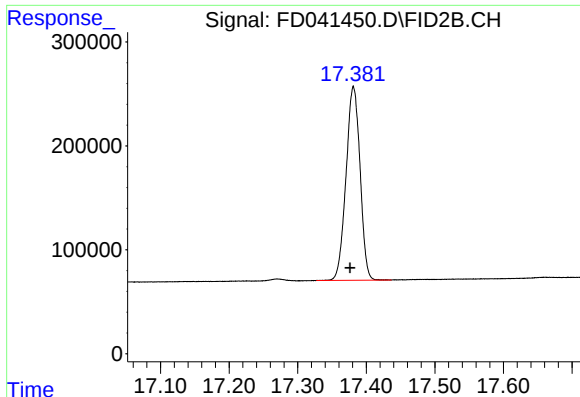
#15 n-Hexacosane (C26)

R.T.: 15.554 min
Delta R.T.: 0.004 min
Response: 2769951
Conc: 18.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.498 min
Delta R.T.: 0.004 min
Response: 2693392
Conc: 18.10 ug/ml



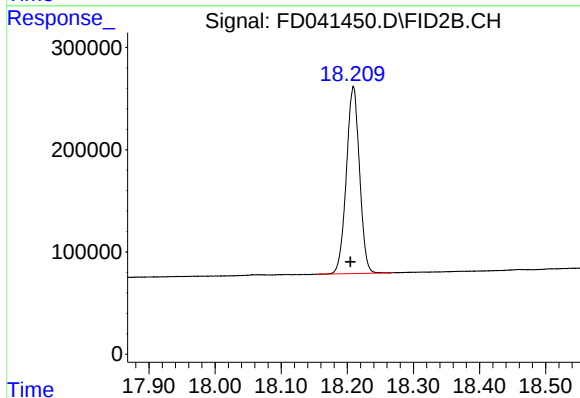
#17 n-Tricontane (C30)

R.T.: 17.381 min
Delta R.T.: 0.005 min
Response: 2648897
Conc: 18.83 ug/ml

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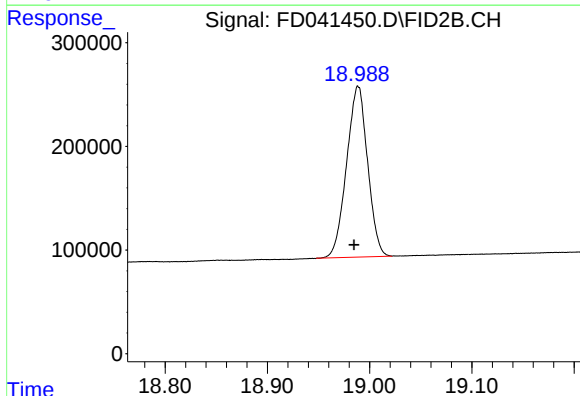
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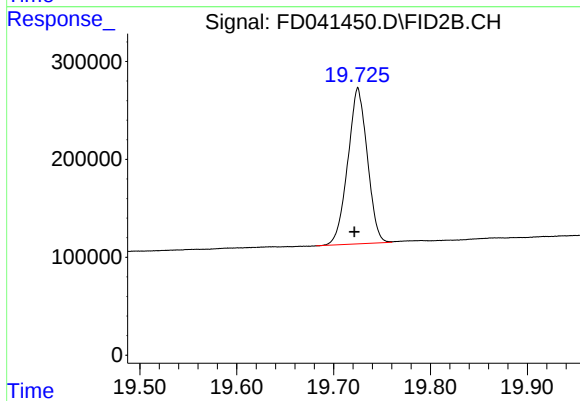
#18 n-Dotriacontane (C32)

R.T.: 18.209 min
Delta R.T.: 0.005 min
Response: 2534353
Conc: 19.92 ug/ml



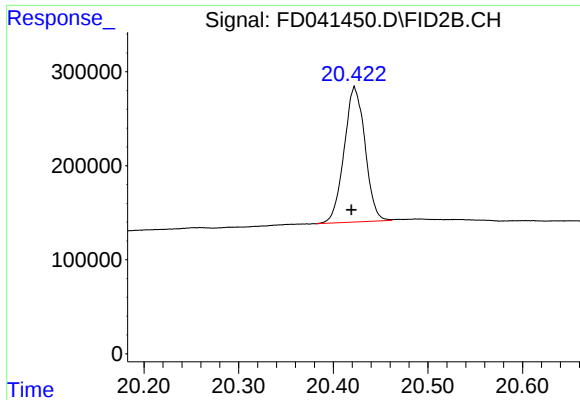
#19 n-Tetratriacontane (C34)

R.T.: 18.988 min
Delta R.T.: 0.003 min
Response: 2355413
Conc: 20.68 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.725 min
Delta R.T.: 0.003 min
Response: 2230059
Conc: 21.76 ug/ml m



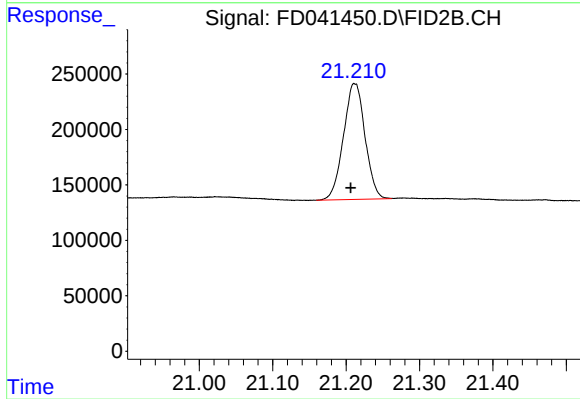
#21 n-Octatriacontane (C38)

R.T.: 20.422 min
Delta R.T.: 0.003 min
Response: 2201950
Conc: 23.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.210 min
Delta R.T.: 0.004 min
Response: 2132863
Conc: 22.51 ug/ml m