

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060222AL\
 Data File : FD042753.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jun 2022 2:37
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/03/2022
 Supervised By :Ankita Jodhani 06/03/2022

Integration File: sample.E
 Quant Time: Jun 03 03:46:32 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)	11.584	3159019	19.021 ug/ml
Spiked Amount 50.000		Recovery =	38.04%
12) S 1-chlorooctadecane (S...	13.018	2477418	18.969 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
Target Compounds			
1) T n-Nonane (C9)	3.352	2755352	19.890 ug/ml
2) T n-Decane (C10)	4.420	2743125	19.866 ug/ml
3) T A~Naphthalene (C11.7)	6.003	3158458	20.078 ug/ml
4) T n-Dodecane (C12)	6.436	2819659	19.898 ug/ml
5) T A~2-methylnaphthalene...	7.057	3212767	20.067 ug/ml
6) T n-Tetradecane (C14)	8.228	2852733	19.808 ug/ml
7) T n-Hexadecane (C16)	9.828	2893058	19.613 ug/ml
8) T n-Octadecane (C18)	11.268	2914160	19.361 ug/ml
10) T n-Eicosane (C20)	12.575	2861280	19.027 ug/ml
11) T n-Heneicosane (C21)	13.186	2854708	18.857 ug/ml
13) T n-Docosane (C22)	13.772	2821997	18.669 ug/ml
14) T n-Tetracosane (C24)	14.872	2753727	18.349 ug/ml
15) T n-Hexacosane (C26)	15.890	2620379	17.973 ug/ml
16) T n-Octacosane (C28)	16.839	2493102	17.875 ug/ml
17) T n-Tricontane (C30)	17.724	2372741	18.148 ug/ml
18) T n-Dotriacontane (C32)	18.555	2270691	19.231 ug/ml
19) T n-Tetratriacontane (C34)	19.336	2065497	19.430 ug/ml
20) T n-Hexatriacontane (C36)	20.074	1995262	20.406 ug/mlm
21) T n-Octatriacontane (C38)	20.807	1964948	21.542 ug/mlm
22) T n-Tetracontane (C40)	21.709	2022410	24.958 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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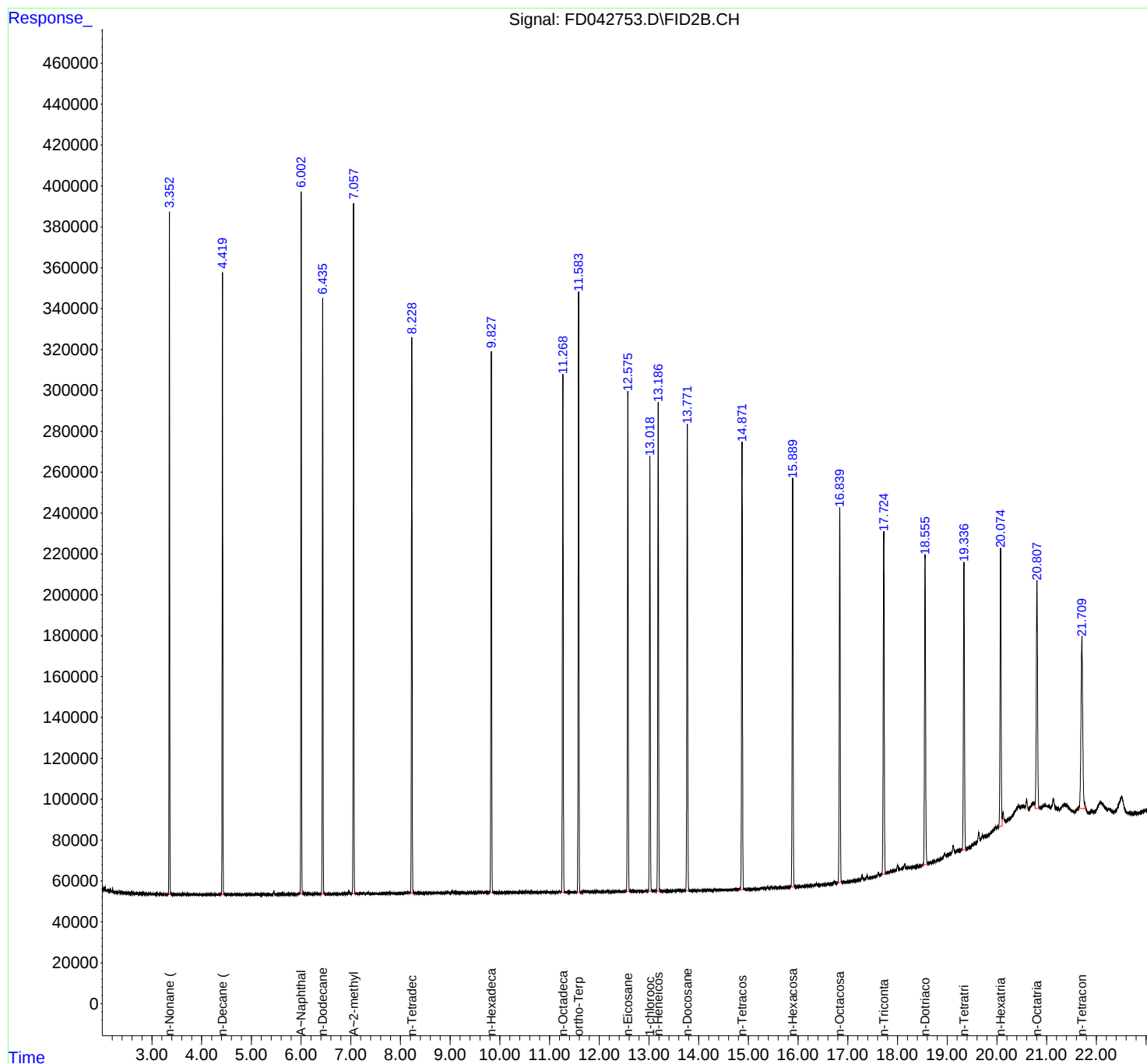
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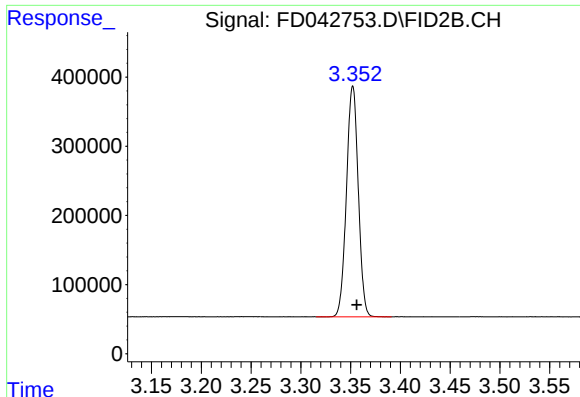
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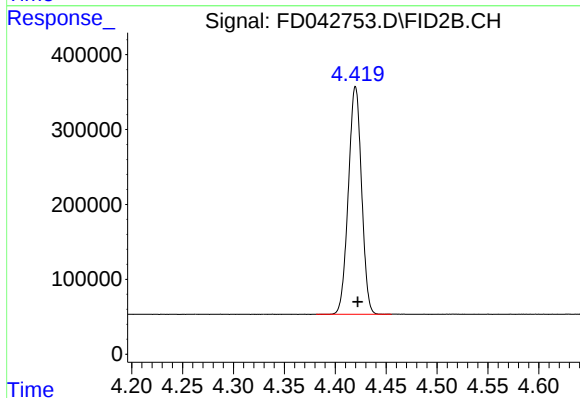
#1 n-Nonane (C9)

R.T.: 3.352 min
Delta R.T.: -0.004 min
Response: 2755352
Conc: 19.89 ug/ml

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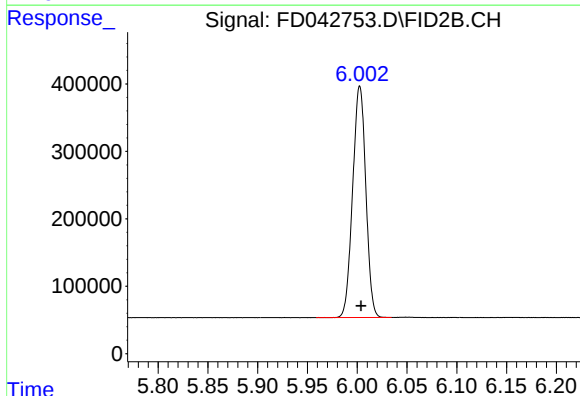
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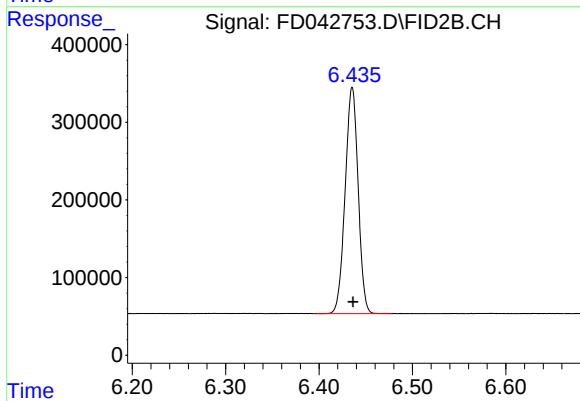
#2 n-Decane (C10)

R.T.: 4.420 min
Delta R.T.: -0.002 min
Response: 2743125
Conc: 19.87 ug/ml



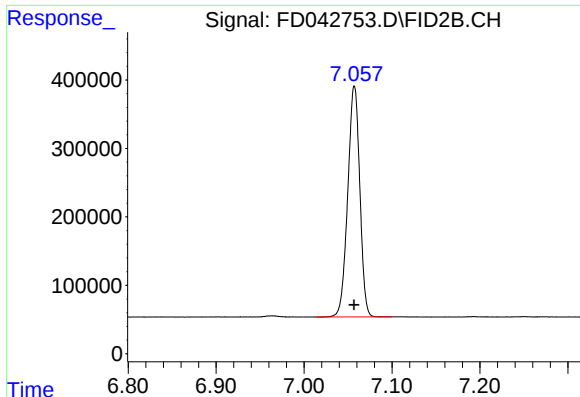
#3 A~Naphthalene (C11.7)

R.T.: 6.003 min
Delta R.T.: -0.001 min
Response: 3158458
Conc: 20.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 2819659
Conc: 19.90 ug/ml



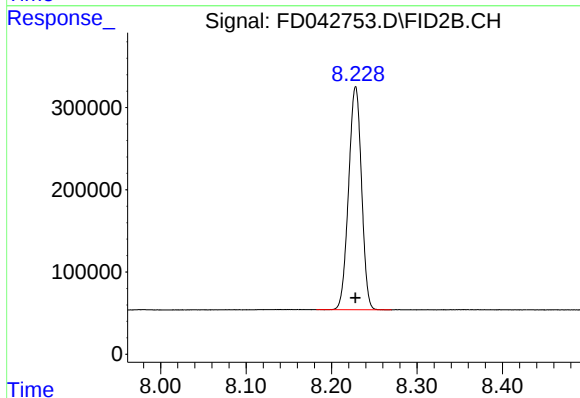
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 3212767
Conc: 20.07 ug/ml

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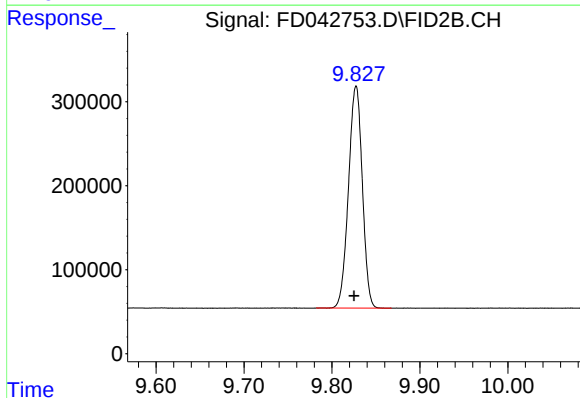
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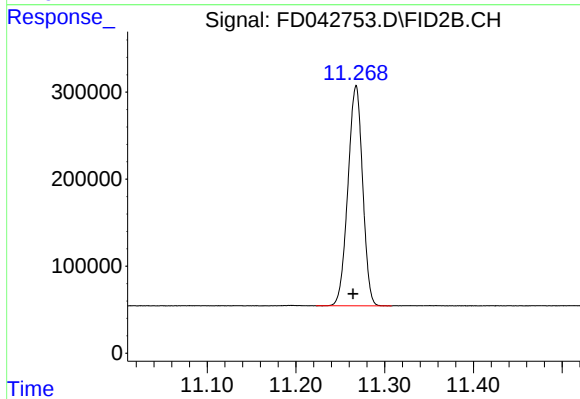
#6 n-Tetradecane (C14)

R.T.: 8.228 min
Delta R.T.: 0.000 min
Response: 2852733
Conc: 19.81 ug/ml



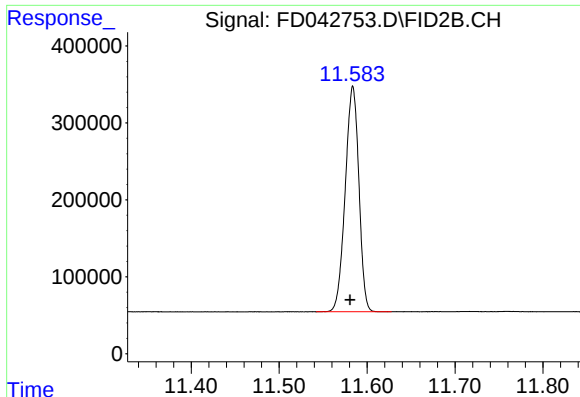
#7 n-Hexadecane (C16)

R.T.: 9.828 min
Delta R.T.: 0.002 min
Response: 2893058
Conc: 19.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.268 min
Delta R.T.: 0.004 min
Response: 2914160
Conc: 19.36 ug/ml



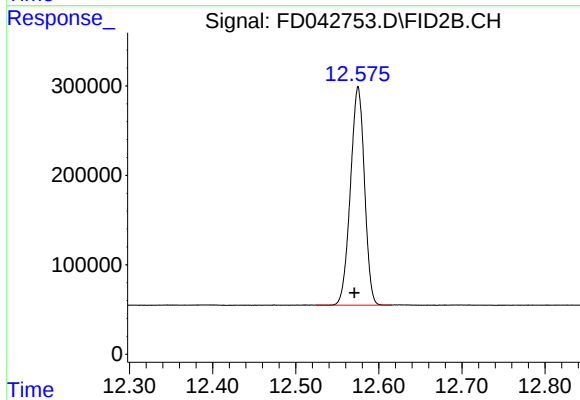
#9 ortho-Terphenyl (SURR)

R.T.: 11.584 min
Delta R.T.: 0.003 min
Response: 3159019
Conc: 19.02 ug/ml

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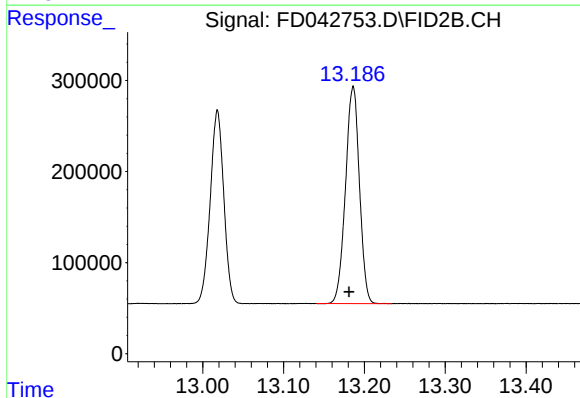
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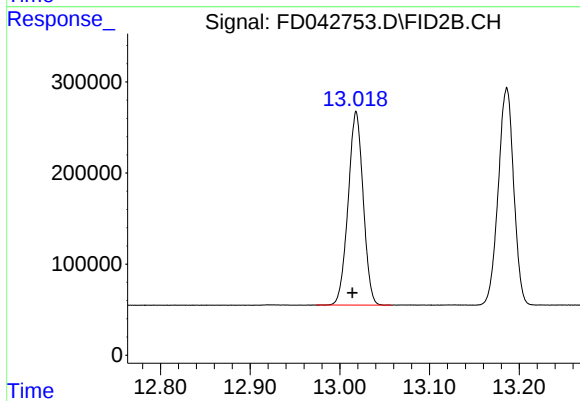
#10 n-Eicosane (C20)

R.T.: 12.575 min
Delta R.T.: 0.004 min
Response: 2861280
Conc: 19.03 ug/ml



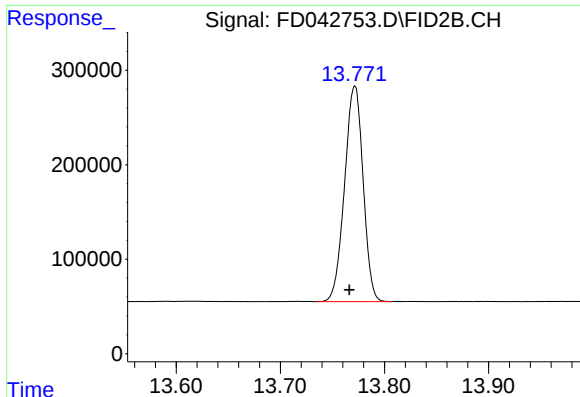
#11 n-Heneicosane (C21)

R.T.: 13.186 min
Delta R.T.: 0.005 min
Response: 2854708
Conc: 18.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.018 min
Delta R.T.: 0.004 min
Response: 2477418
Conc: 18.97 ug/ml



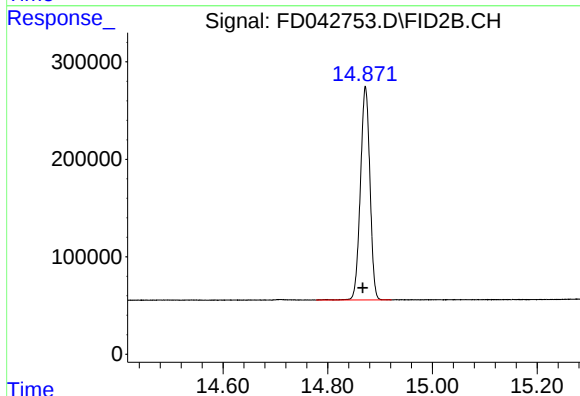
#13 n-Docosane (C22)

R.T.: 13.772 min
Delta R.T.: 0.005 min
Response: 2821997
Conc: 18.67 ug/ml

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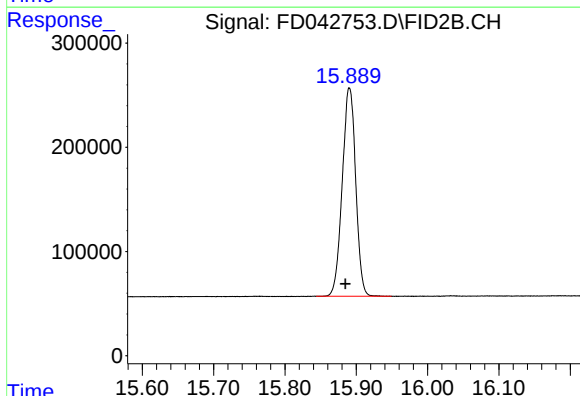
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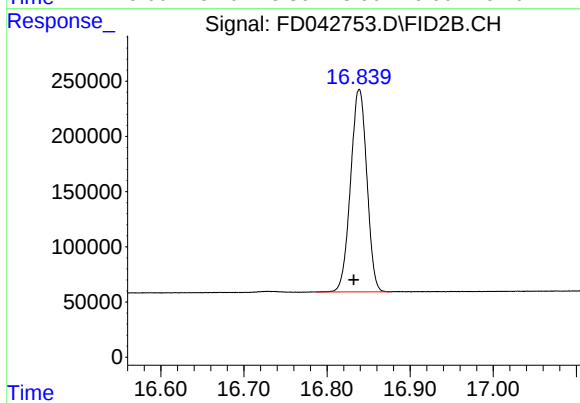
#14 n-Tetracosane (C24)

R.T.: 14.872 min
Delta R.T.: 0.005 min
Response: 2753727
Conc: 18.35 ug/ml



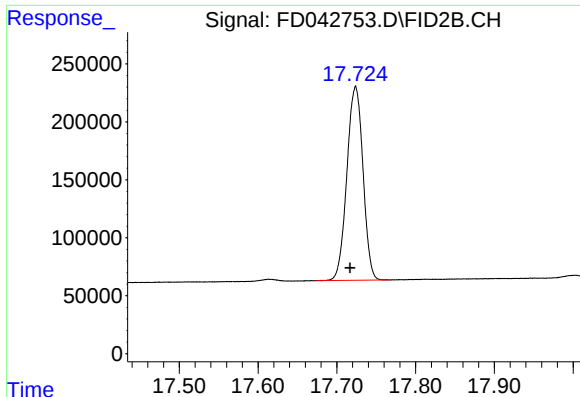
#15 n-Hexacosane (C26)

R.T.: 15.890 min
Delta R.T.: 0.006 min
Response: 2620379
Conc: 17.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.839 min
Delta R.T.: 0.007 min
Response: 2493102
Conc: 17.88 ug/ml



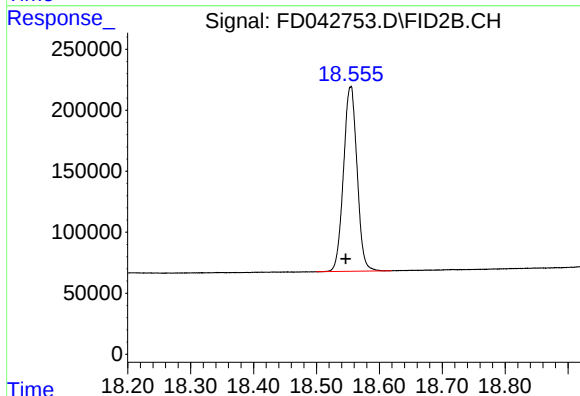
#17 n-Tricontane (C30)

R.T.: 17.724 min
Delta R.T.: 0.007 min
Response: 2372741
Conc: 18.15 ug/ml

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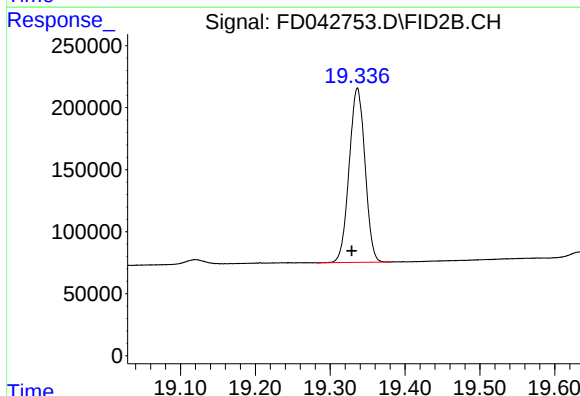
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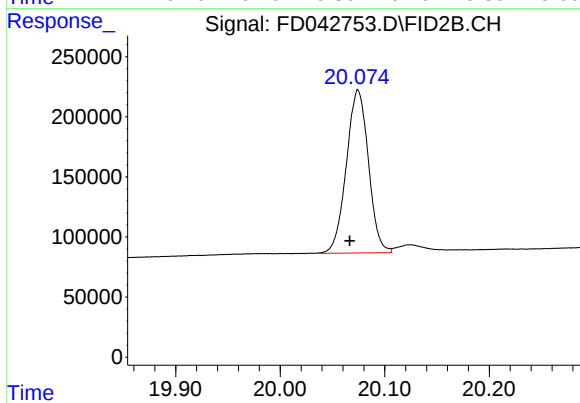
#18 n-Dotriacontane (C32)

R.T.: 18.555 min
Delta R.T.: 0.008 min
Response: 2270691
Conc: 19.23 ug/ml



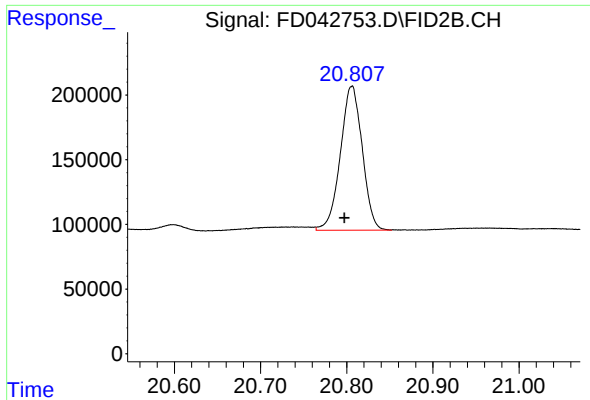
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min
Delta R.T.: 0.008 min
Response: 2065497
Conc: 19.43 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.074 min
Delta R.T.: 0.007 min
Response: 1995262
Conc: 20.41 ug/ml m



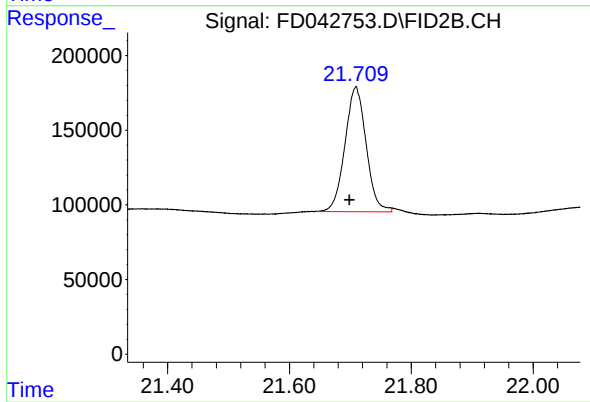
#21 n-Octatriacontane (C38)

R.T.: 20.807 min
Delta R.T.: 0.009 min
Response: 1964948
Conc: 21.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.709 min
Delta R.T.: 0.011 min
Response: 2022410
Conc: 24.96 ug/ml m