

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052822AL\
 Data File : FD042681.D
 Signal(s) : FID2B.CH
 Acq On : 28 May 2022 23:30
 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 05/31/2022
 Supervised By :Ankita Jodhani 05/31/2022

Integration File: sample.E
 Quant Time: May 30 00:59:58 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	3406673	20.512 ug/ml
Spiked Amount 50.000		Recovery =	41.02%
12) S 1-chlorooctadecane (S...	13.016	2709190	20.744 ug/ml
Spiked Amount 50.000		Recovery =	41.49%
Target Compounds			
1) T n-Nonane (C9)	3.353	2851694	20.585 ug/ml
2) T n-Decane (C10)	4.421	2836502	20.542 ug/ml
3) T A~Naphthalene (C11.7)	6.003	3244321	20.624 ug/ml
4) T n-Dodecane (C12)	6.437	2915395	20.573 ug/ml
5) T A~2-methylnaphthalene...	7.057	3307161	20.657 ug/ml
6) T n-Tetradecane (C14)	8.229	2962882	20.573 ug/ml
7) T n-Hexadecane (C16)	9.827	3035259	20.577 ug/ml
8) T n-Octadecane (C18)	11.266	3096037	20.569 ug/ml
10) T n-Eicosane (C20)	12.572	3089971	20.548 ug/ml
11) T n-Heneicosane (C21)	13.184	3104934	20.510 ug/ml
13) T n-Docosane (C22)	13.768	3104860	20.540 ug/ml
14) T n-Tetracosane (C24)	14.869	3078305	20.511 ug/ml
15) T n-Hexacosane (C26)	15.888	3013290	20.668 ug/ml
16) T n-Octacosane (C28)	16.834	2934048	21.037 ug/ml
17) T n-Tricontane (C30)	17.719	2814144	21.525 ug/ml
18) T n-Dotriacontane (C32)	18.549	2596895	21.994 ug/ml
19) T n-Tetratriacontane (C34)	19.329	2340734	22.019 ug/mlm
20) T n-Hexatriacontane (C36)	20.068	2167263	22.165 ug/ml
21) T n-Octatriacontane (C38)	20.800	2149060	23.561 ug/ml
22) T n-Tetracontane (C40)	21.702	1934442	23.872 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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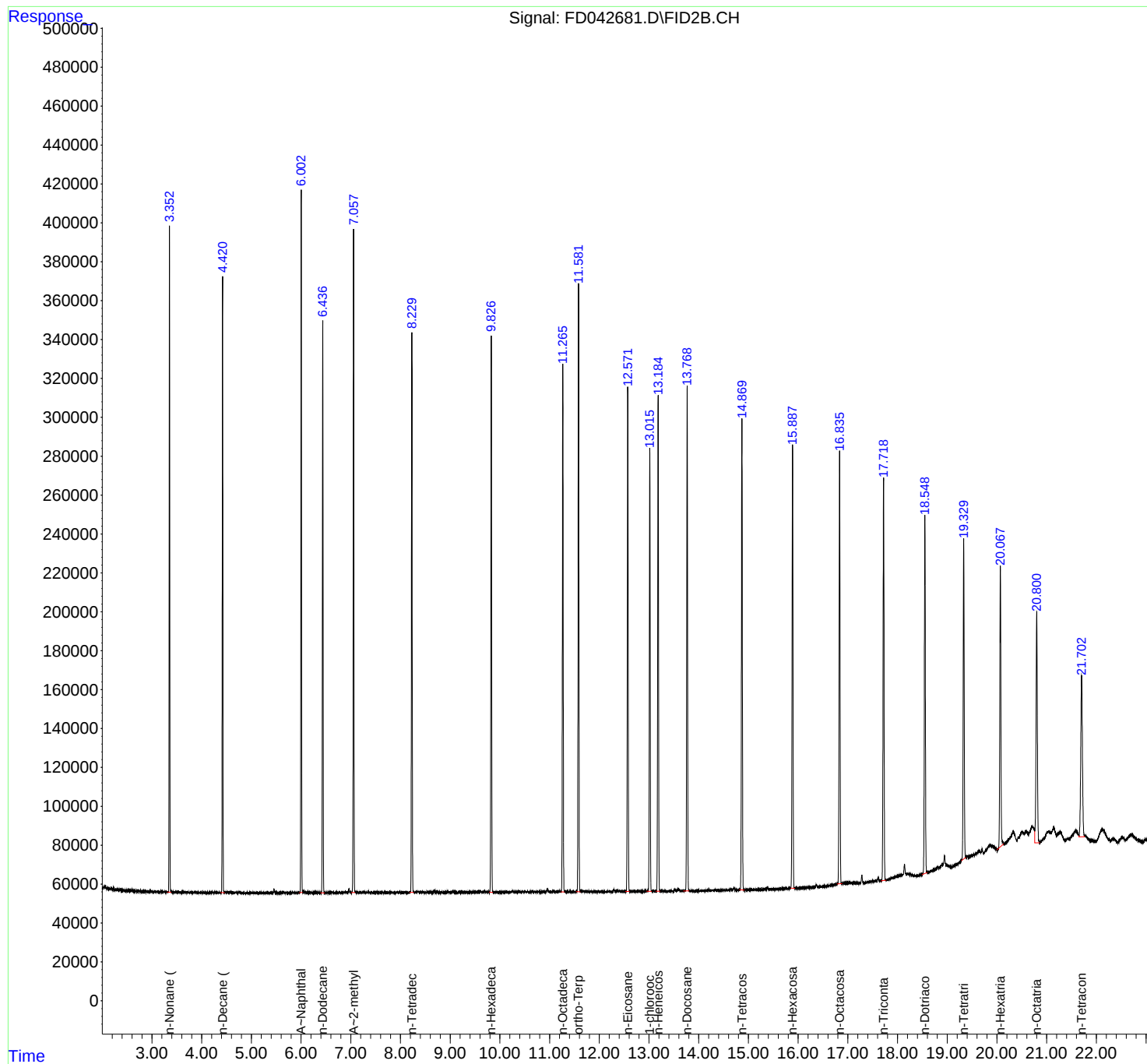
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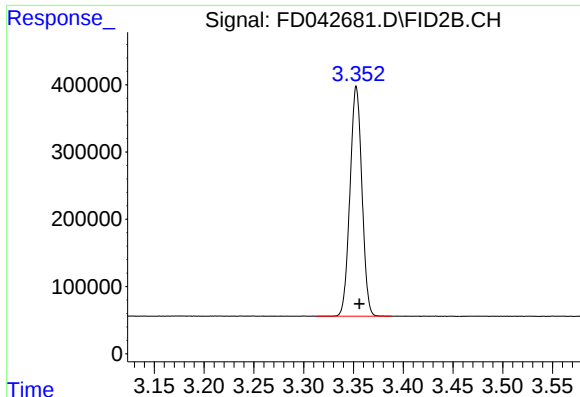
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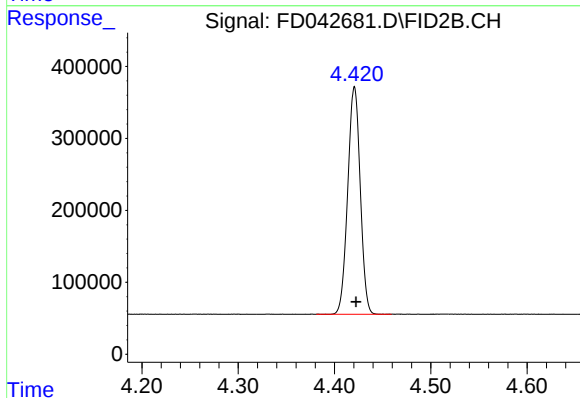
#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: -0.003 min
Response: 2851694
Conc: 20.59 ug/ml

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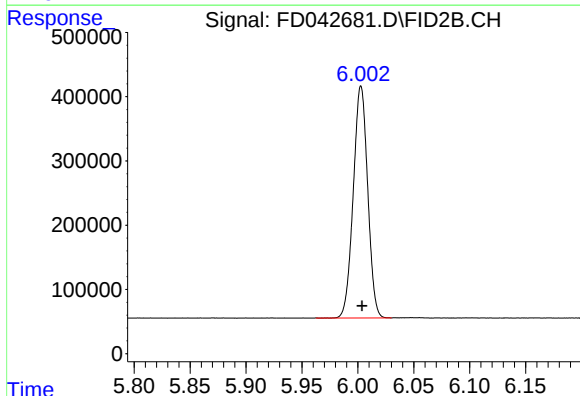
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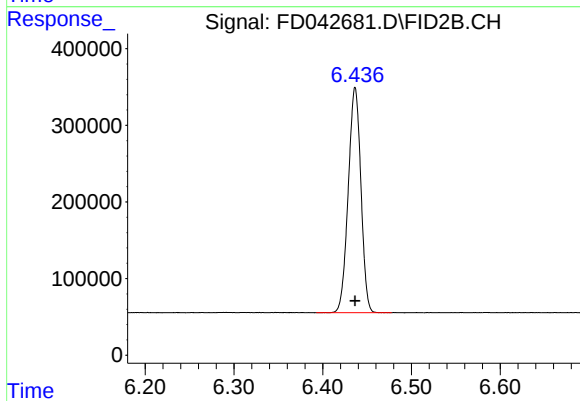
#2 n-Decane (C10)

R.T.: 4.421 min
Delta R.T.: -0.002 min
Response: 2836502
Conc: 20.54 ug/ml



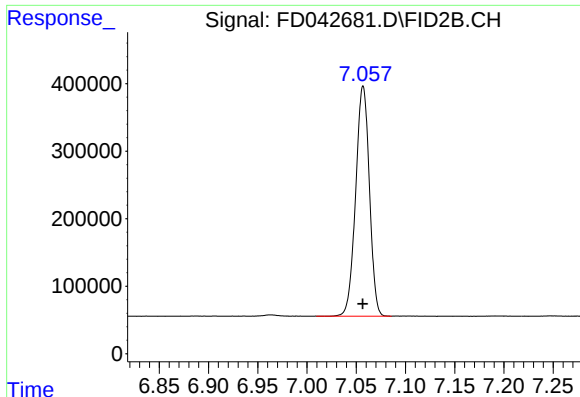
#3 A~Naphthalene (C11.7)

R.T.: 6.003 min
Delta R.T.: -0.001 min
Response: 3244321
Conc: 20.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 2915395
Conc: 20.57 ug/ml



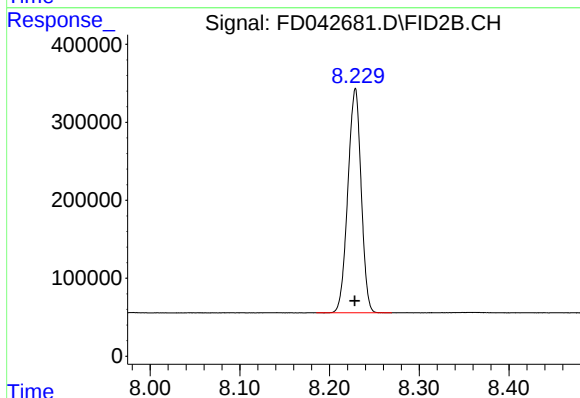
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 3307161
Conc: 20.66 ug/ml

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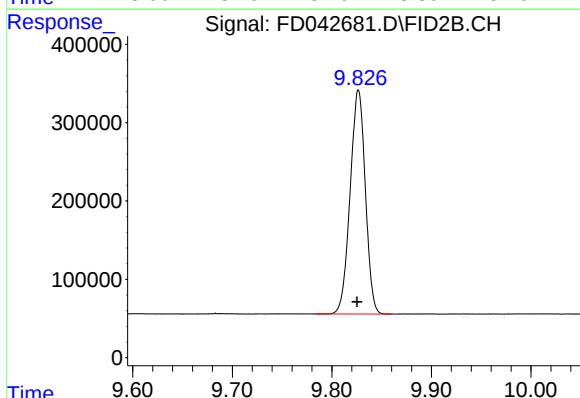
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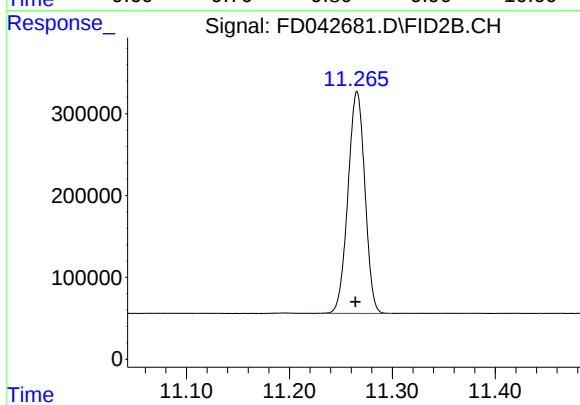
#6 n-Tetradecane (C14)

R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 2962882
Conc: 20.57 ug/ml



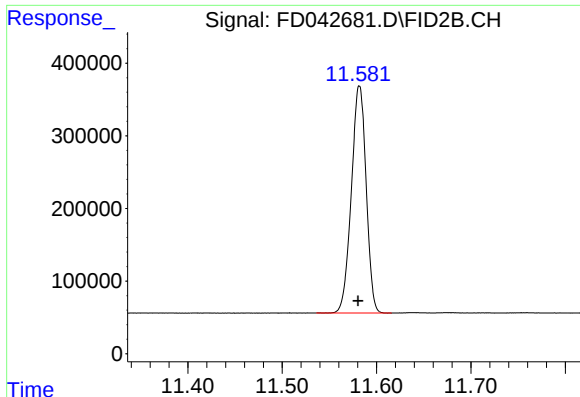
#7 n-Hexadecane (C16)

R.T.: 9.827 min
Delta R.T.: 0.001 min
Response: 3035259
Conc: 20.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.266 min
Delta R.T.: 0.002 min
Response: 3096037
Conc: 20.57 ug/ml



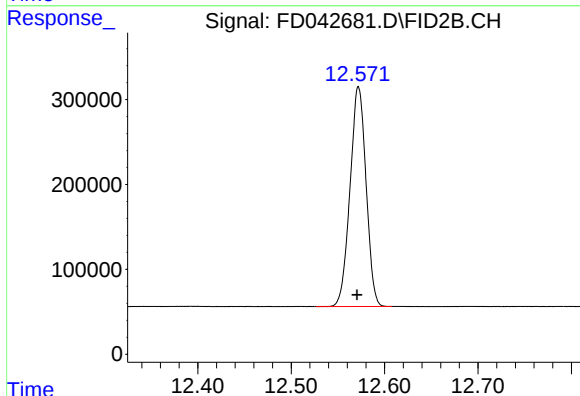
#9 ortho-Terphenyl (SURR)

R.T.: 11.582 min
Delta R.T.: 0.001 min
Response: 3406673
Conc: 20.51 ug/ml

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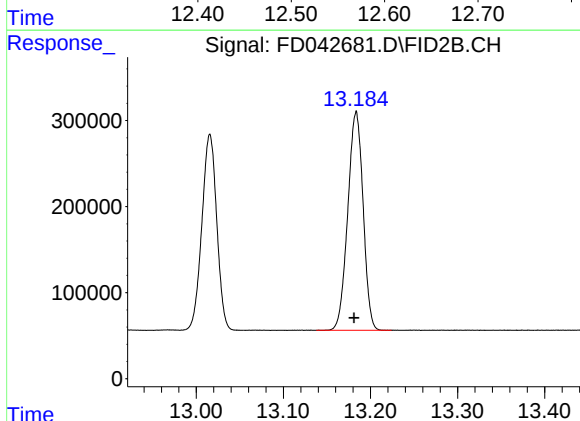
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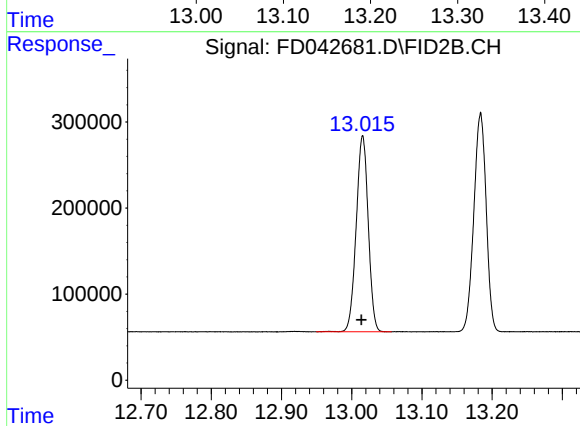
#10 n-Eicosane (C20)

R.T.: 12.572 min
Delta R.T.: 0.001 min
Response: 3089971
Conc: 20.55 ug/ml



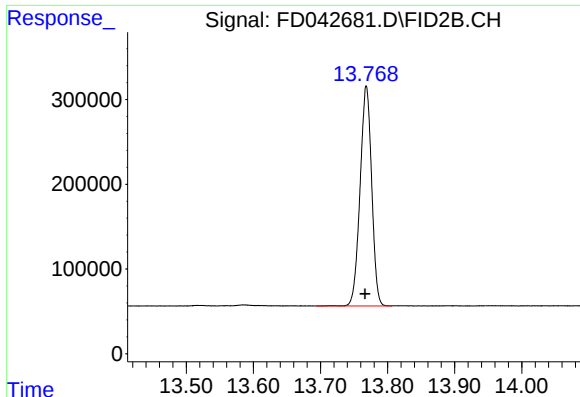
#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: 0.002 min
Response: 3104934
Conc: 20.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.016 min
Delta R.T.: 0.002 min
Response: 2709190
Conc: 20.74 ug/ml



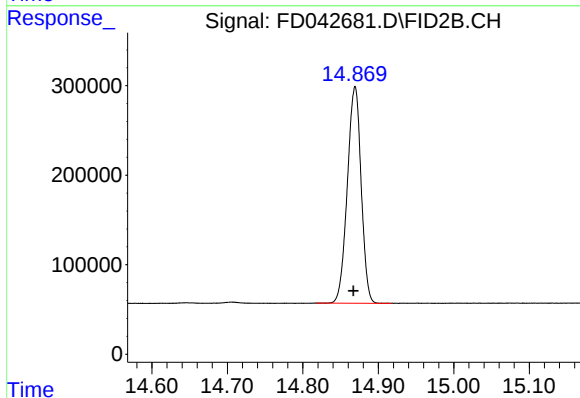
#13 n-Docosane (C22)

R.T.: 13.768 min
Delta R.T.: 0.002 min
Response: 3104860
Conc: 20.54 ug/ml

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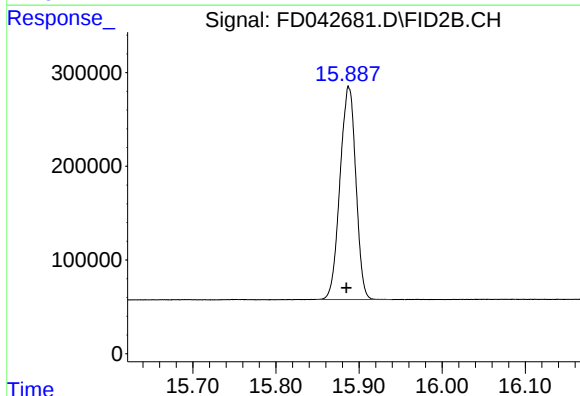
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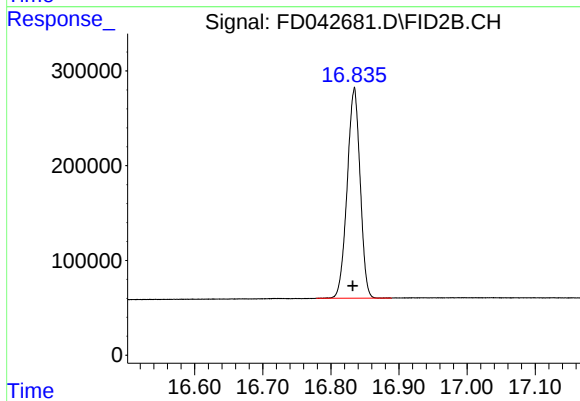
#14 n-Tetracosane (C24)

R.T.: 14.869 min
Delta R.T.: 0.002 min
Response: 3078305
Conc: 20.51 ug/ml



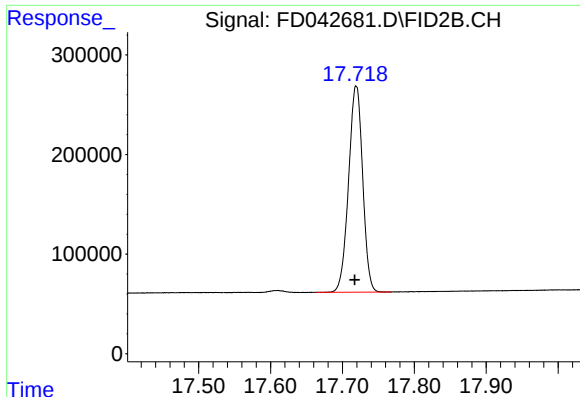
#15 n-Hexacosane (C26)

R.T.: 15.888 min
Delta R.T.: 0.003 min
Response: 3013290
Conc: 20.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.834 min
Delta R.T.: 0.002 min
Response: 2934048
Conc: 21.04 ug/ml



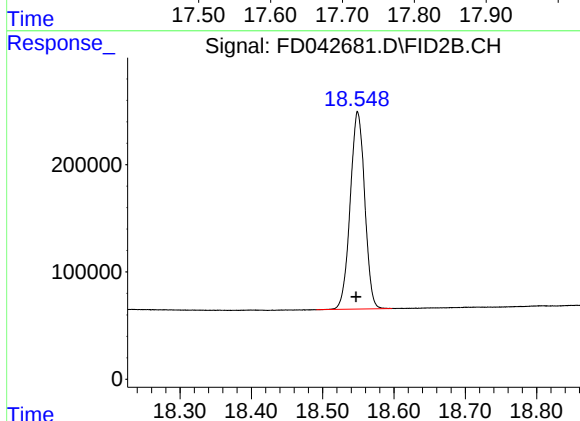
#17 n-Tricontane (C30)

R.T.: 17.719 min
Delta R.T.: 0.002 min
Response: 2814144
Conc: 21.52 ug/ml

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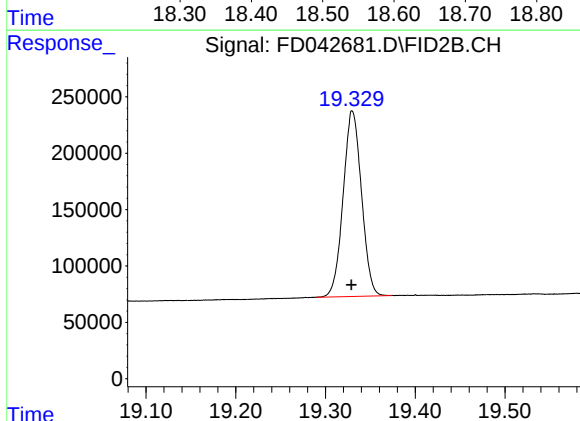
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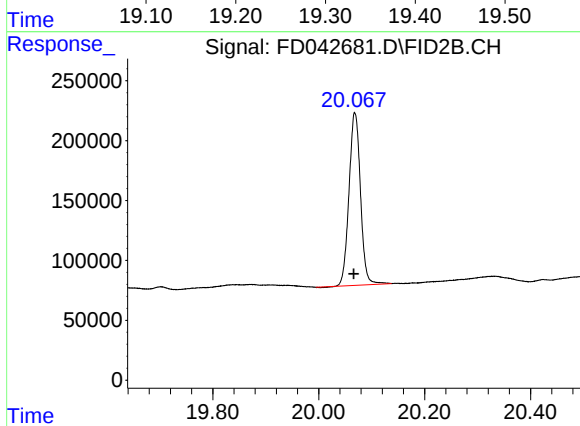
#18 n-Dotriacontane (C32)

R.T.: 18.549 min
Delta R.T.: 0.002 min
Response: 2596895
Conc: 21.99 ug/ml



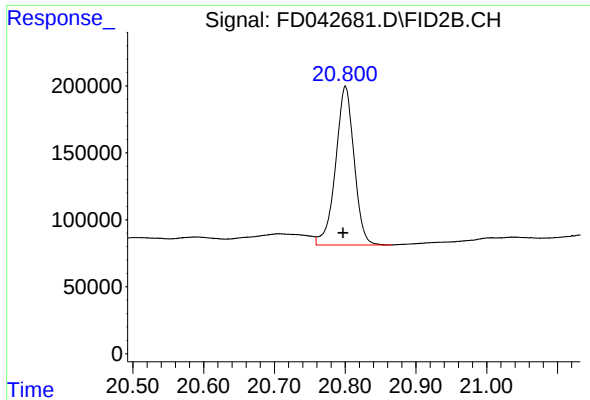
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: 0.000 min
Response: 2340734
Conc: 22.02 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.068 min
Delta R.T.: 0.002 min
Response: 2167263
Conc: 22.16 ug/ml



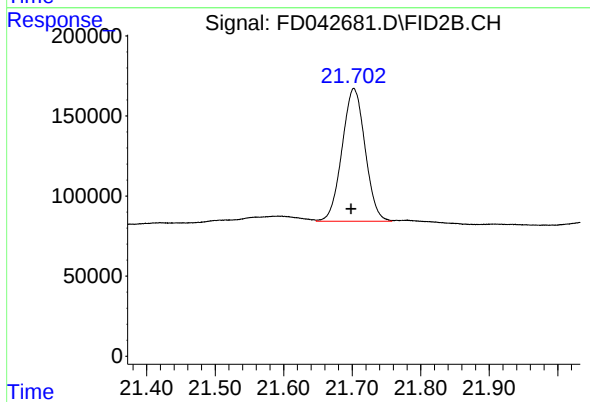
#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: 0.003 min
Response: 2149060
Conc: 23.56 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.702 min
Delta R.T.: 0.004 min
Response: 1934442
Conc: 23.87 ug/ml m