

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AL\
 Data File : FD040328.D
 Signal(s) : FID2B.CH
 Acq On : 31 Dec 2021 6:58
 Operator : AJ\MA
 Sample : M5254-01MSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 361MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/03/2022
 Supervised By :Ankita Jodhani 01/03/2022

Integration File: autoint1.e
 Quant Time: Jan 03 03:04:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:26:30 2021
 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)	10.694	6762748	43.410 ug/mlm
Spiked Amount 50.000		Recovery =	86.82%
12) S 1-chlorooctadecane (S...	12.128	4951616	41.059 ug/mlm
Spiked Amount 50.000		Recovery =	82.12%
Target Compounds			
1) T n-Nonane (C9)	2.628	3542293	26.993 ug/ml
2) T n-Decane (C10)	3.619	4118759	31.116 ug/ml
3) T A~Naphthalene (C11.7)	5.157	5096884	34.543 ug/ml
4) T n-Dodecane (C12)	5.590	4609561	34.709 ug/ml
5) T A~2-methylnaphthalene...	6.197	5194779	35.008 ug/ml
6) T n-Tetradecane (C14)	7.369	5143591	37.204 ug/ml
7) T n-Hexadecane (C16)	8.956	5840358	42.594 ug/ml
8) T n-Octadecane (C18)	10.387	5965654	42.245 ug/mlm
10) T n-Eicosane (C20)	11.728	7958857	56.928 ug/ml
11) T n-Heneicosane (C21)	12.296	6024406	42.579 ug/mlm
13) T n-Docosane (C22)	12.881	5904907	42.076 ug/mlm
14) T n-Tetracosane (C24)	13.975	5656892	40.290 ug/mlm
15) T n-Hexacosane (C26)	14.992	5416942	39.394 ug/ml
16) T n-Octacosane (C28)	15.936	5456979	40.115 ug/mlm
17) T n-Tricontane (C30)	16.820	5146250	38.454 ug/ml
18) T n-Dotriacontane (C32)	17.647	4843363	37.417 ug/ml
19) T n-Tetratriacontane (C34)	18.425	4375786	36.091 ug/mlm
20) T n-Hexatriacontane (C36)	19.161	3768211	35.359 ug/mlm
21) T n-Octatriacontane (C38)	19.866	3419324	37.027 ug/mlm
22) T n-Tetracontane (C40)	20.685	3463763	44.484 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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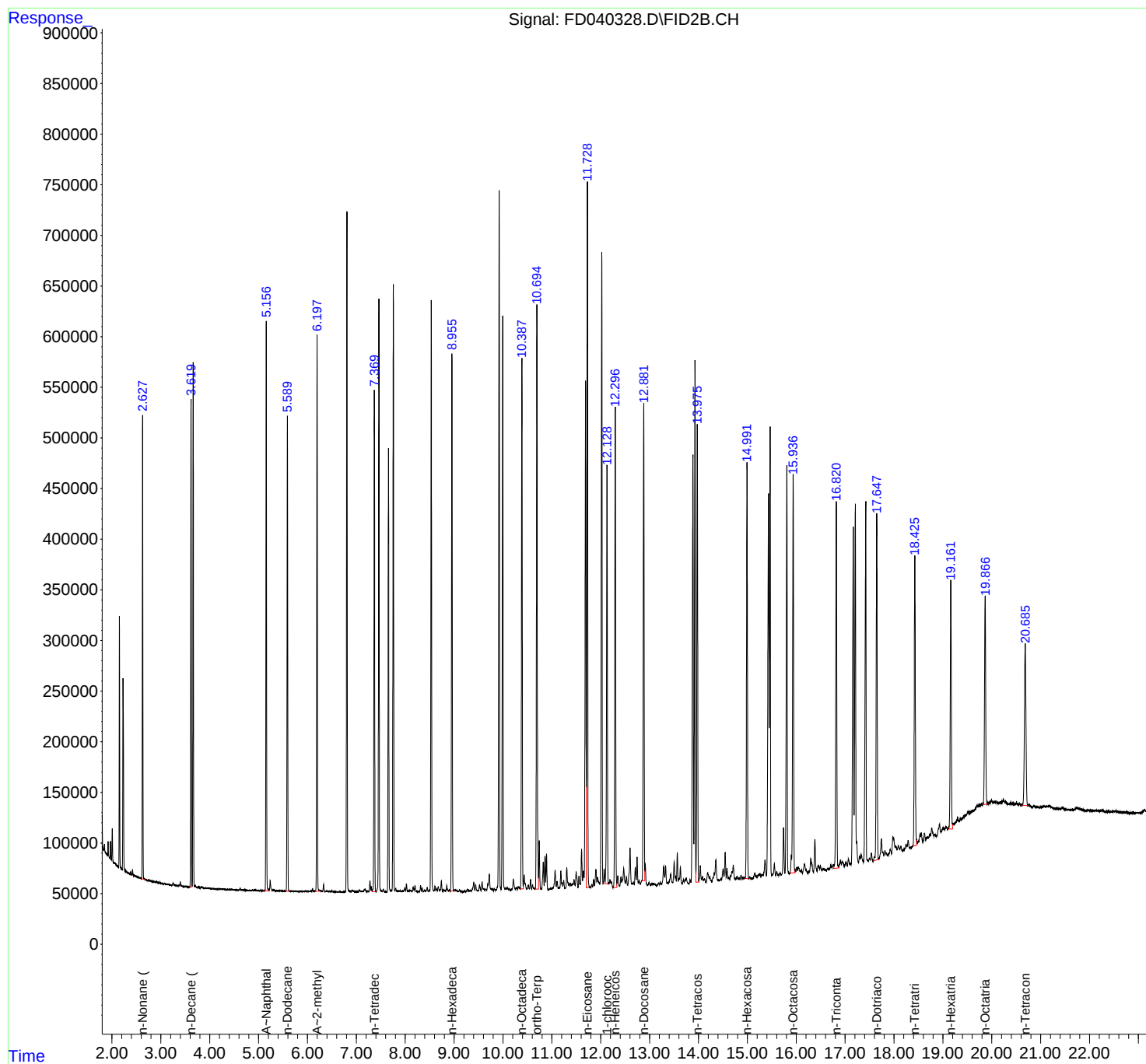
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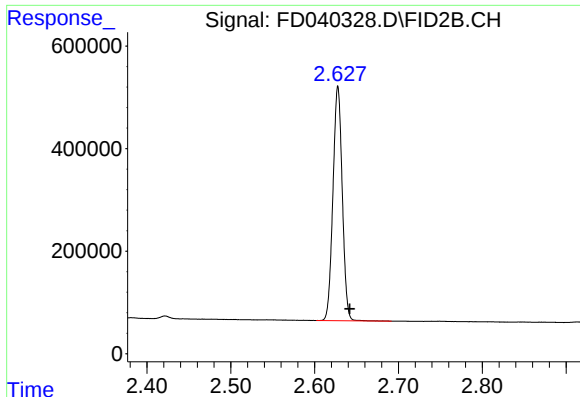
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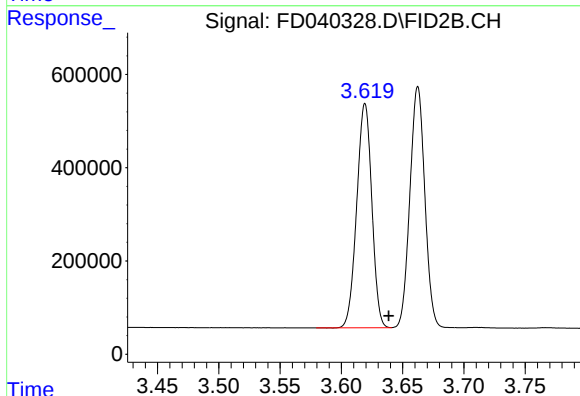
#1 n-Nonane (C9)

R.T.: 2.628 min
Delta R.T.: -0.014 min
Response: 3542293
Conc: 26.99 ug/ml

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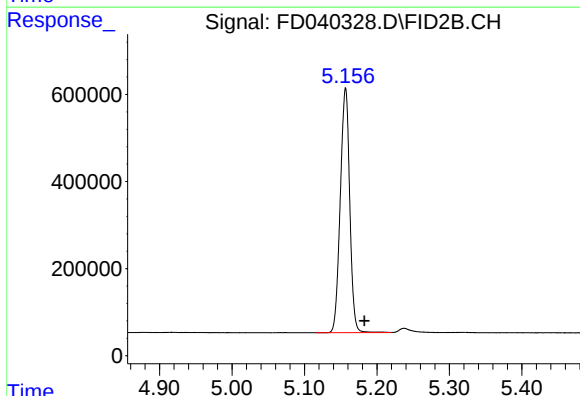
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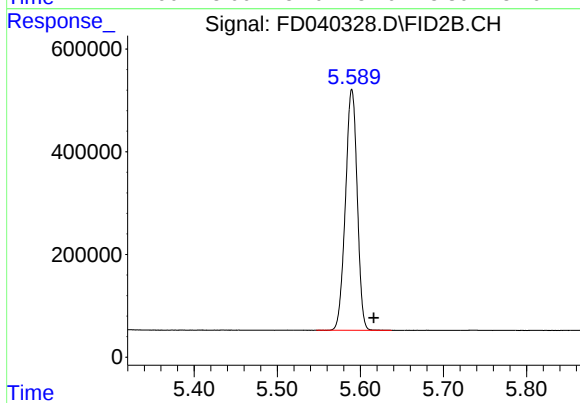
#2 n-Decane (C10)

R.T.: 3.619 min
Delta R.T.: -0.019 min
Response: 4118759
Conc: 31.12 ug/ml



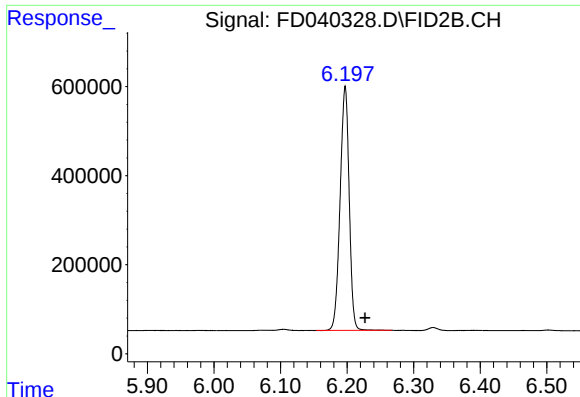
#3 A~Naphthalene (C11.7)

R.T.: 5.157 min
Delta R.T.: -0.026 min
Response: 5096884
Conc: 34.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.590 min
Delta R.T.: -0.026 min
Response: 4609561
Conc: 34.71 ug/ml



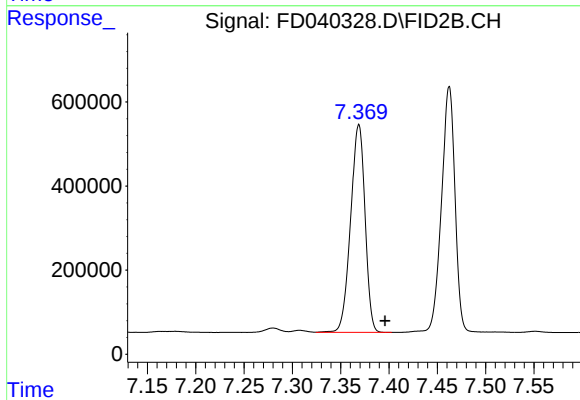
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.197 min
Delta R.T.: -0.030 min
Response: 5194779
Conc: 35.01 ug/ml

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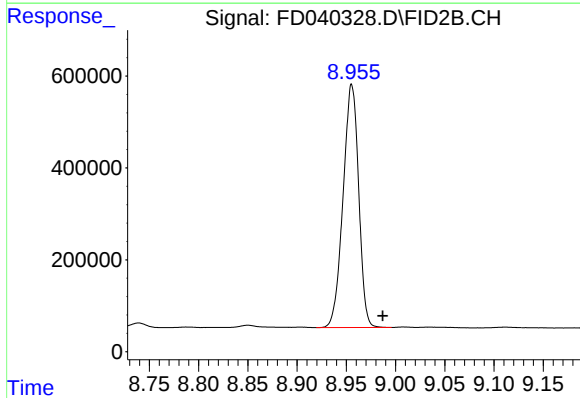
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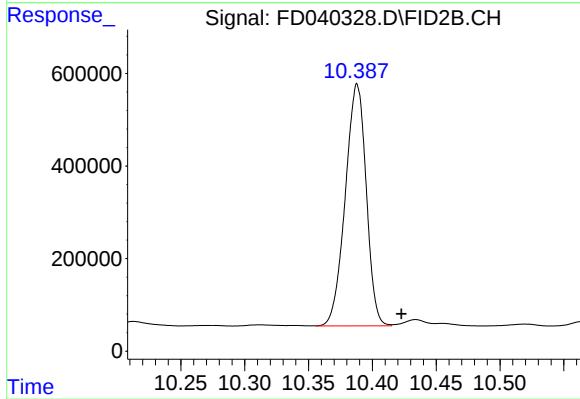
#6 n-Tetradecane (C14)

R.T.: 7.369 min
Delta R.T.: -0.027 min
Response: 5143591
Conc: 37.20 ug/ml



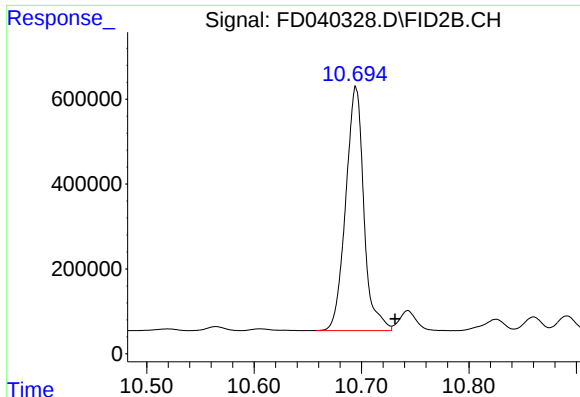
#7 n-Hexadecane (C16)

R.T.: 8.956 min
Delta R.T.: -0.031 min
Response: 5840358
Conc: 42.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.387 min
Delta R.T.: -0.035 min
Response: 5965654
Conc: 42.24 ug/ml m



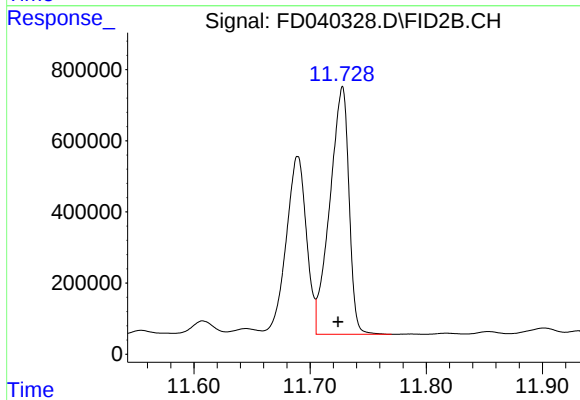
#9 ortho-Terphenyl (SURR)

R.T.: 10.694 min
Delta R.T.: -0.037 min
Response: 6762748
Conc: 43.41 ug/ml

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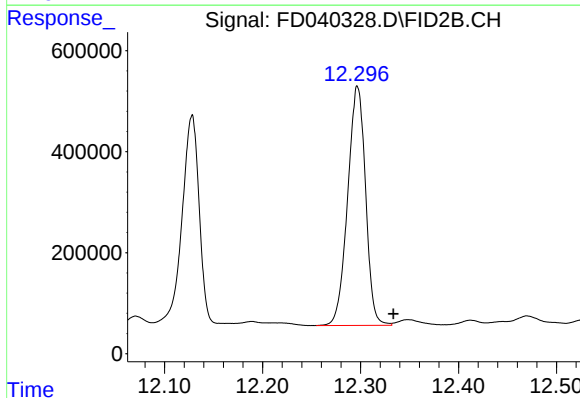
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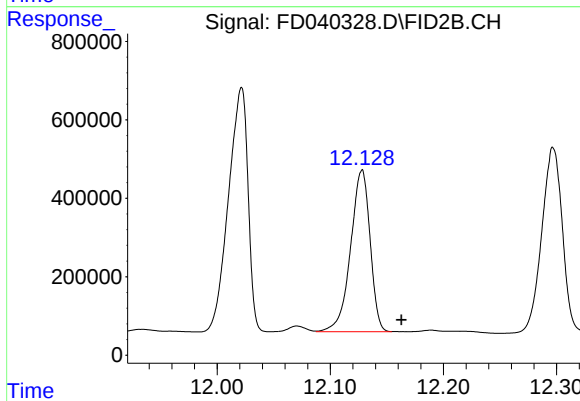
#10 n-Eicosane (C20)

R.T.: 11.728 min
Delta R.T.: 0.004 min
Response: 7958857
Conc: 56.93 ug/ml



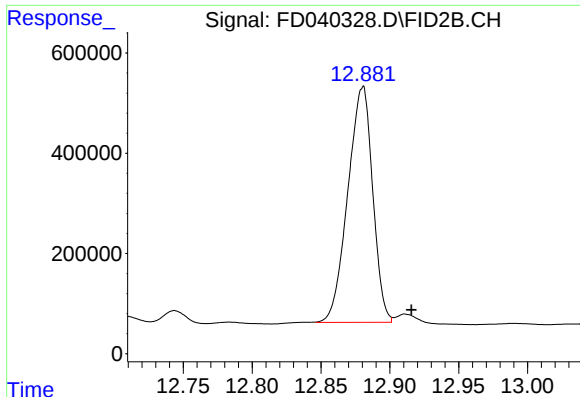
#11 n-Heneicosane (C21)

R.T.: 12.296 min
Delta R.T.: -0.038 min
Response: 6024406
Conc: 42.58 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.128 min
Delta R.T.: -0.035 min
Response: 4951616
Conc: 41.06 ug/ml m



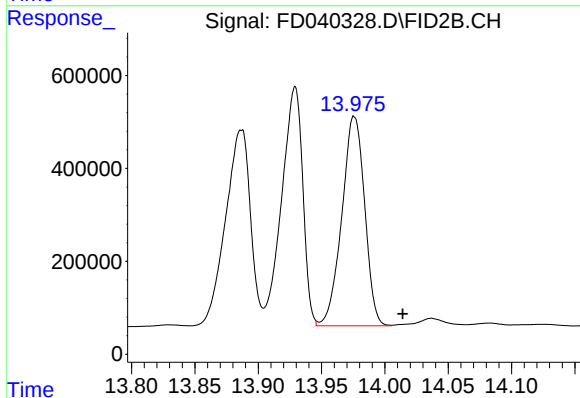
#13 n-Docosane (C22)

R.T.: 12.881 min
Delta R.T.: -0.035 min
Response: 5904907
Conc: 42.08 ug/ml

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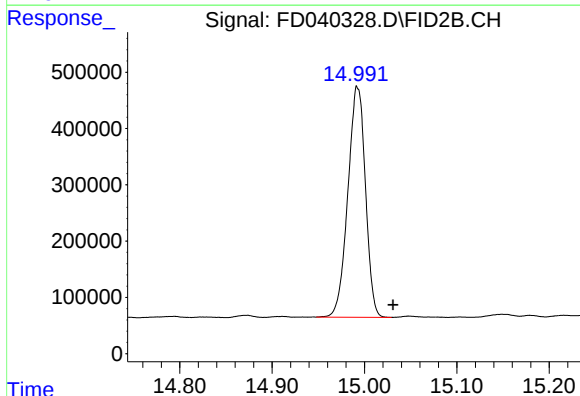
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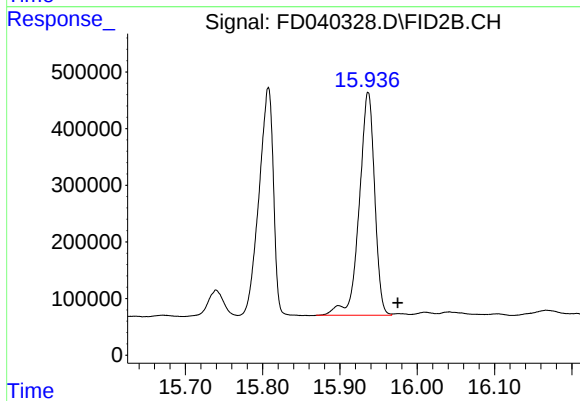
#14 n-Tetracosane (C24)

R.T.: 13.975 min
Delta R.T.: -0.039 min
Response: 5656892
Conc: 40.29 ug/ml m



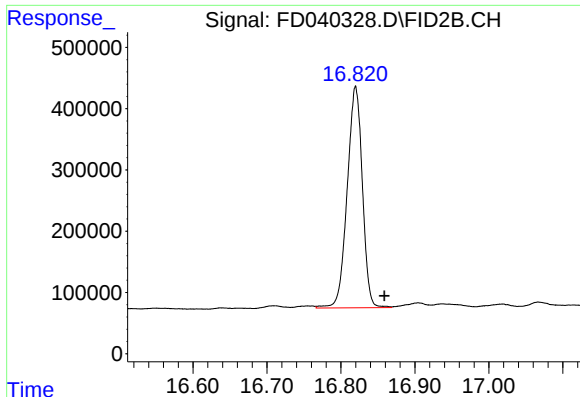
#15 n-Hexacosane (C26)

R.T.: 14.992 min
Delta R.T.: -0.038 min
Response: 5416942
Conc: 39.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.936 min
Delta R.T.: -0.039 min
Response: 5456979
Conc: 40.11 ug/ml m



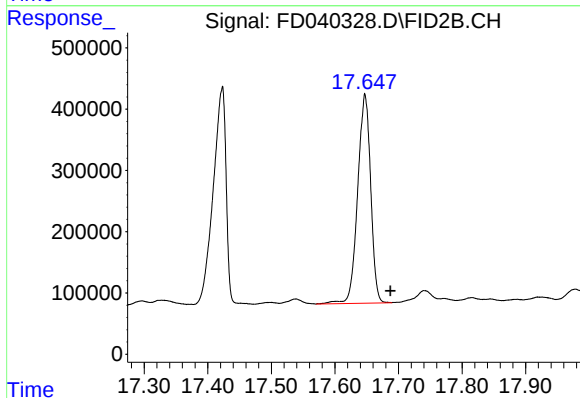
#17 n-Tricontane (C30)

R.T.: 16.820 min
Delta R.T.: -0.039 min
Response: 5146250
Conc: 38.45 ug/ml

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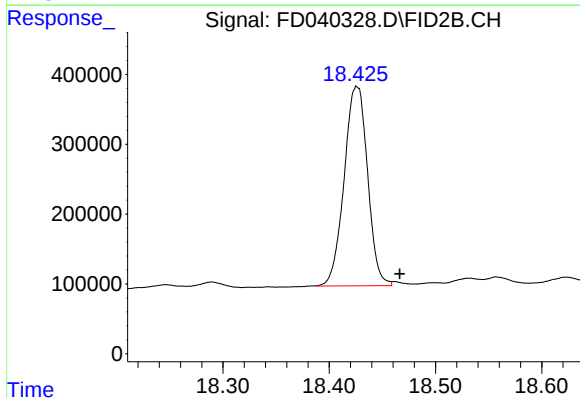
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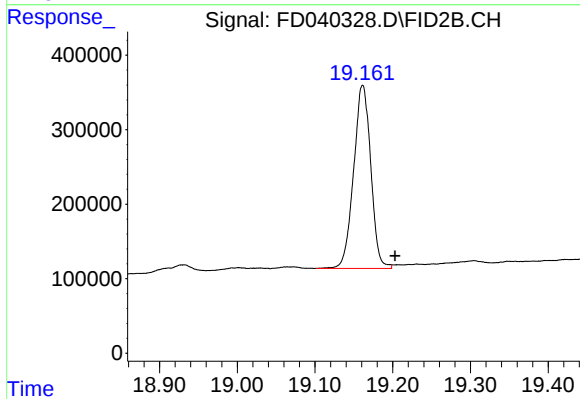
#18 n-Dotriacontane (C32)

R.T.: 17.647 min
Delta R.T.: -0.040 min
Response: 4843363
Conc: 37.42 ug/ml



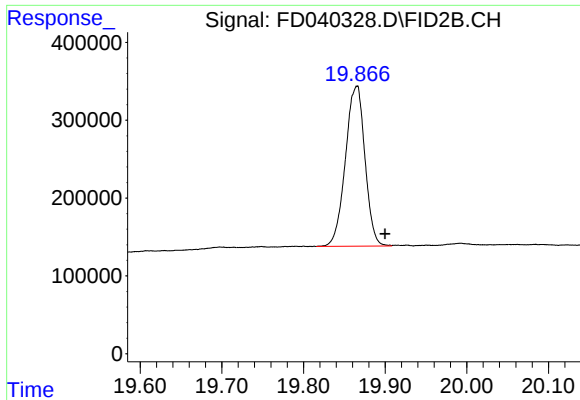
#19 n-Tetratriacontane (C34)

R.T.: 18.425 min
Delta R.T.: -0.041 min
Response: 4375786
Conc: 36.09 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.161 min
Delta R.T.: -0.042 min
Response: 3768211
Conc: 35.36 ug/ml m



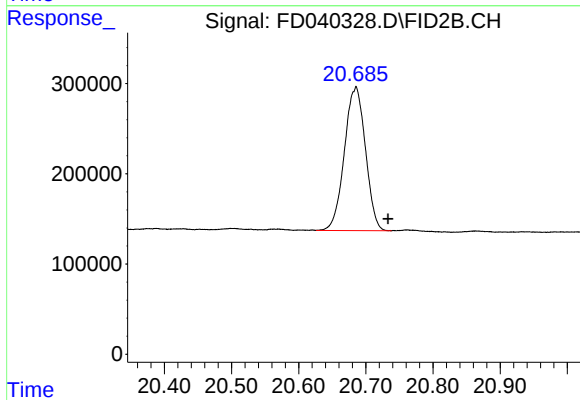
#21 n-Octatriacontane (C38)

R.T.: 19.866 min
Delta R.T.: -0.034 min
Response: 3419324
Conc: 37.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.685 min
Delta R.T.: -0.048 min
Response: 3463763
Conc: 44.48 ug/ml