

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072922AL\
 Data File : FD043410.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jul 2022 10:02
 Operator : YP/AJ
 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 08/01/2022
 Supervised By :Ankita Jodhani 08/01/2022

Integration File: sample.E
 Quant Time: Jul 29 23:26:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:37:25 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.533	3246942	20.512 ug/ml
Spiked Amount 50.000		Recovery =	41.02%
12) S 1-chlorooctadecane (S...	12.968	2502026	20.415 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
Target Compounds			
1) T n-Nonane (C9)	3.314	3129410	22.326 ug/ml
2) T n-Decane (C10)	4.378	3151569	22.414 ug/ml
3) T A~Naphthalene (C11.7)	5.956	3384255	22.273 ug/ml
4) T n-Dodecane (C12)	6.392	3152396	22.149 ug/ml
5) T A~2-methylnaphthalene...	7.011	3323617	22.213 ug/ml
6) T n-Tetradecane (C14)	8.183	3121611	22.006 ug/ml
7) T n-Hexadecane (C16)	9.780	3106863	21.906 ug/ml
8) T n-Octadecane (C18)	11.219	3085048	21.575 ug/ml
10) T n-Eicosane (C20)	12.525	3021944	20.871 ug/ml
11) T n-Heneicosane (C21)	13.136	2963277	20.402 ug/ml
13) T n-Docosane (C22)	13.720	2967325	20.453 ug/ml
14) T n-Tetracosane (C24)	14.820	2916013	20.128 ug/ml
15) T n-Hexacosane (C26)	15.839	2868889	19.945 ug/ml
16) T n-Octacosane (C28)	16.786	2849123	20.141 ug/ml
17) T n-Tricontane (C30)	17.672	2902883	20.567 ug/ml
18) T n-Dotriacontane (C32)	18.501	2917493	21.097 ug/ml
19) T n-Tetratriacontane (C34)	19.282	2758715	21.438 ug/ml
20) T n-Hexatriacontane (C36)	20.019	2636709	21.377 ug/ml
21) T n-Octatriacontane (C38)	20.740	2650432	22.414 ug/mlm
22) T n-Tetracontane (C40)	21.620	2541375	22.476 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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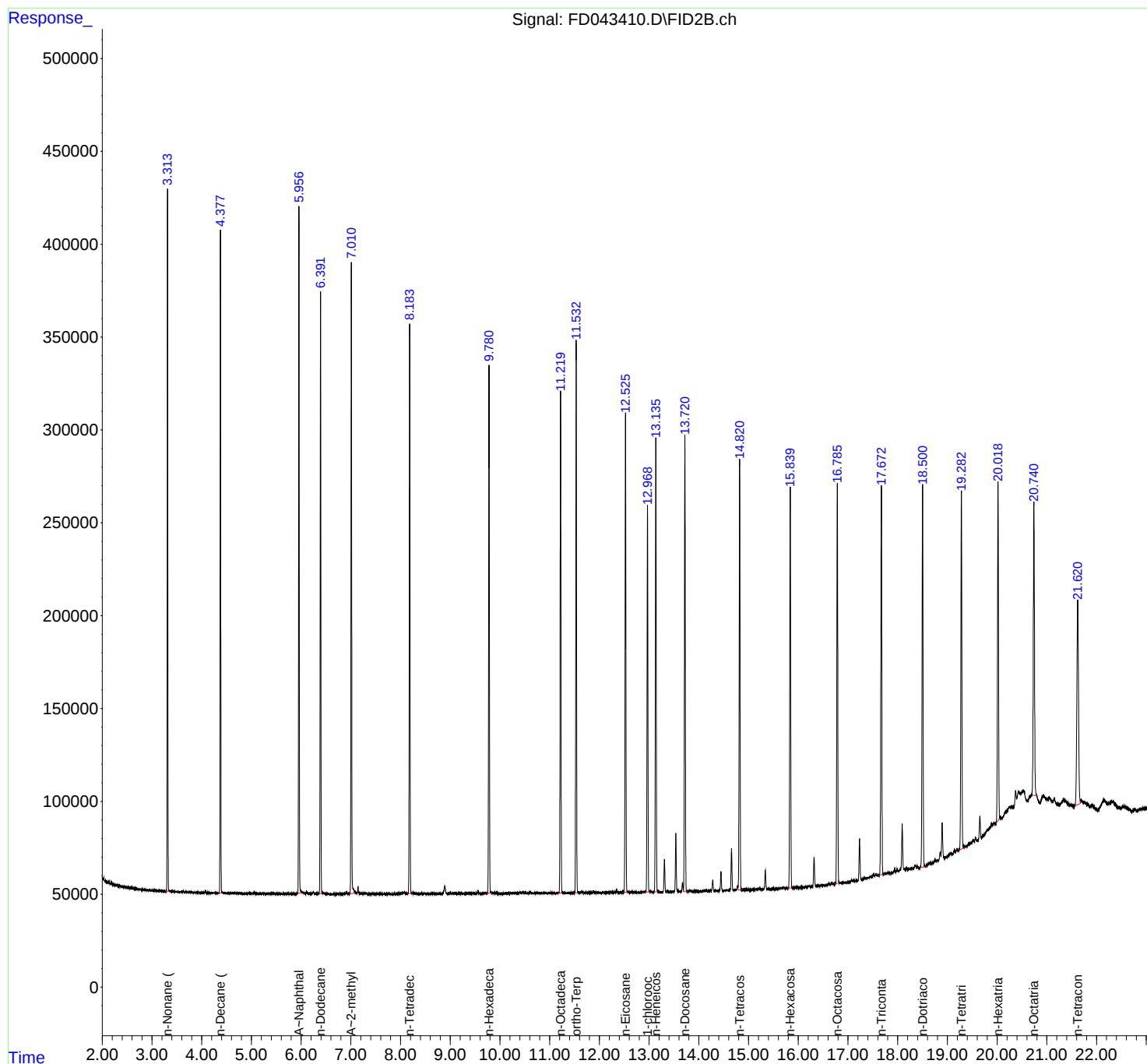
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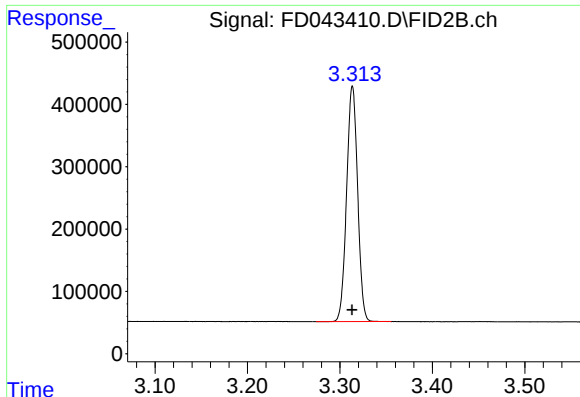
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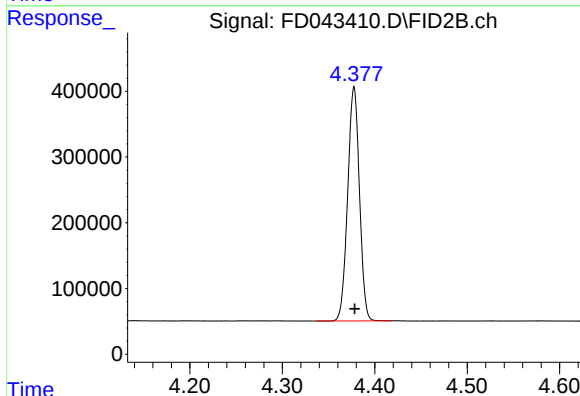
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 3129410
Conc: 22.33 ug/ml

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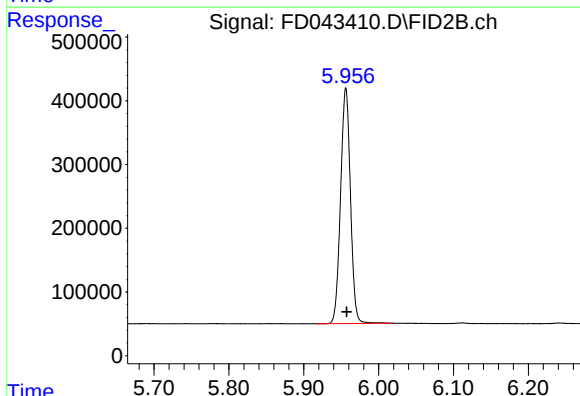
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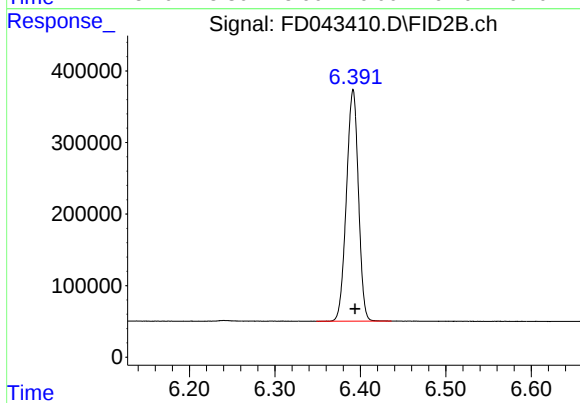
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 3151569
Conc: 22.41 ug/ml



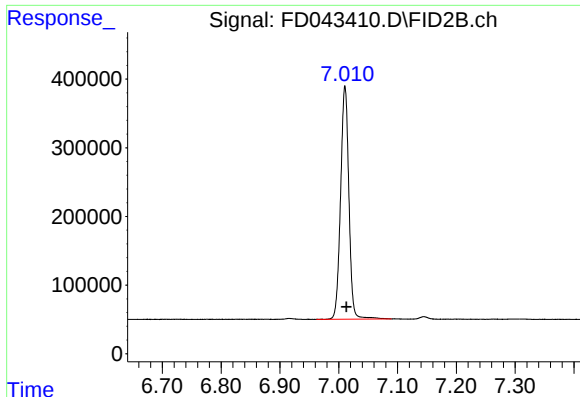
#3 A~Naphthalene (C11.7)

R.T.: 5.956 min
Delta R.T.: -0.001 min
Response: 3384255
Conc: 22.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.392 min
Delta R.T.: -0.002 min
Response: 3152396
Conc: 22.15 ug/ml



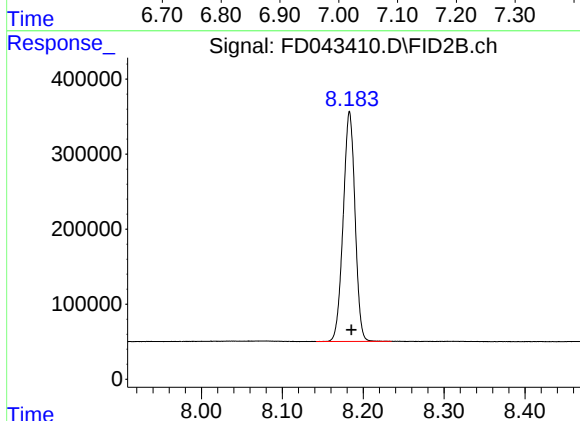
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.011 min
Delta R.T.: -0.002 min
Response: 3323617
Conc: 22.21 ug/ml

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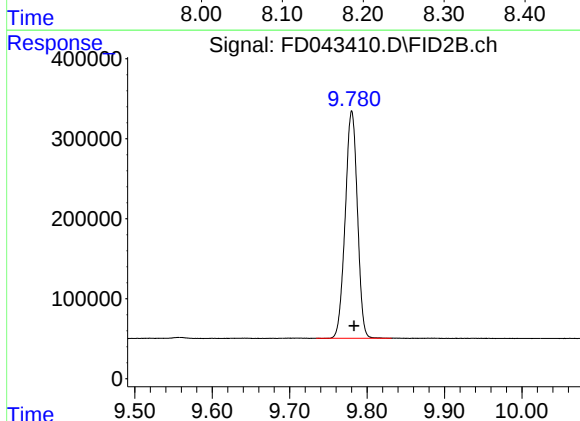
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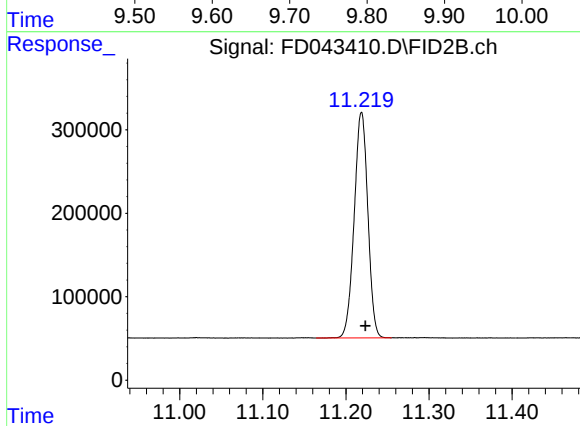
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: -0.002 min
Response: 3121611
Conc: 22.01 ug/ml



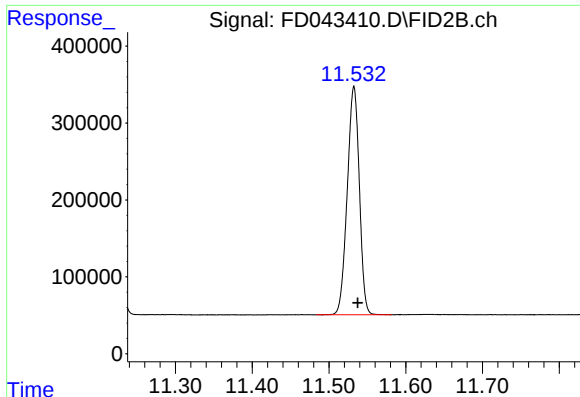
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.003 min
Response: 3106863
Conc: 21.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.219 min
Delta R.T.: -0.005 min
Response: 3085048
Conc: 21.58 ug/ml



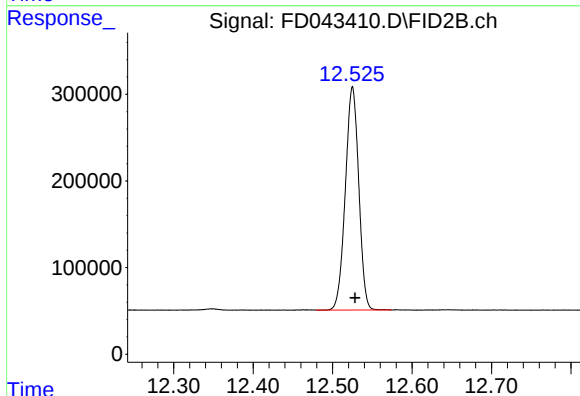
#9 ortho-Terphenyl (SURR)

R.T.: 11.533 min
Delta R.T.: -0.005 min
Response: 3246942
Conc: 20.51 ug/ml

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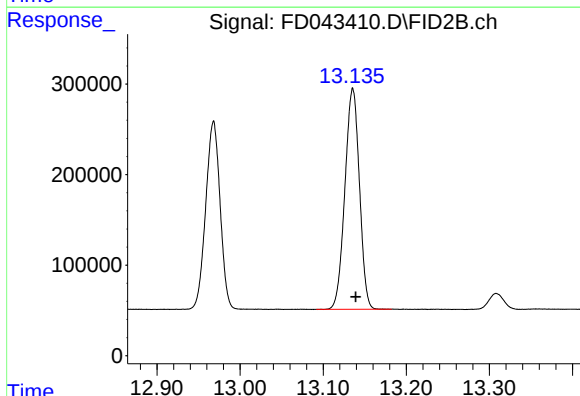
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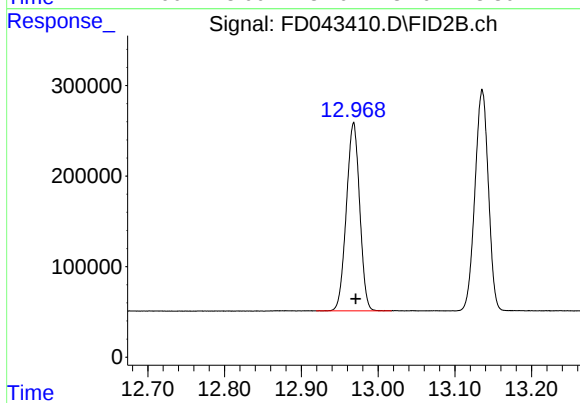
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: -0.003 min
Response: 3021944
Conc: 20.87 ug/ml



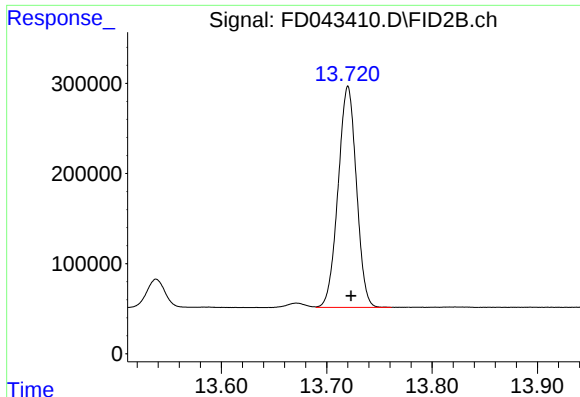
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: -0.003 min
Response: 2963277
Conc: 20.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.968 min
Delta R.T.: -0.003 min
Response: 2502026
Conc: 20.41 ug/ml



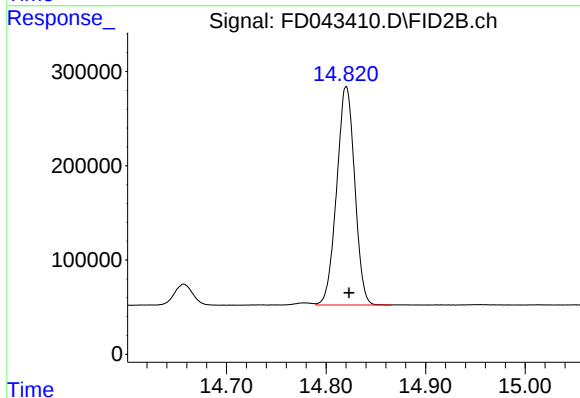
#13 n-Docosane (C22)

R.T.: 13.720 min
Delta R.T.: -0.003 min
Response: 2967325
Conc: 20.45 ug/ml

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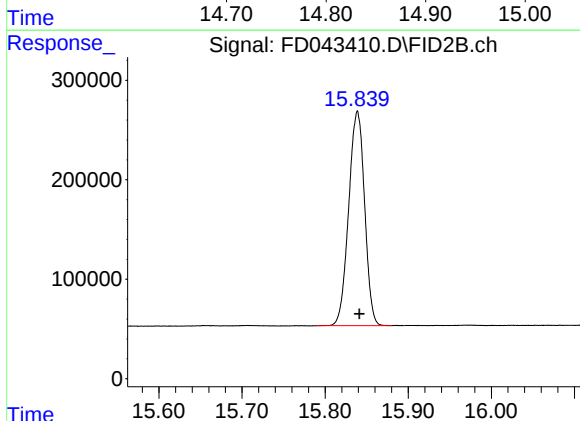
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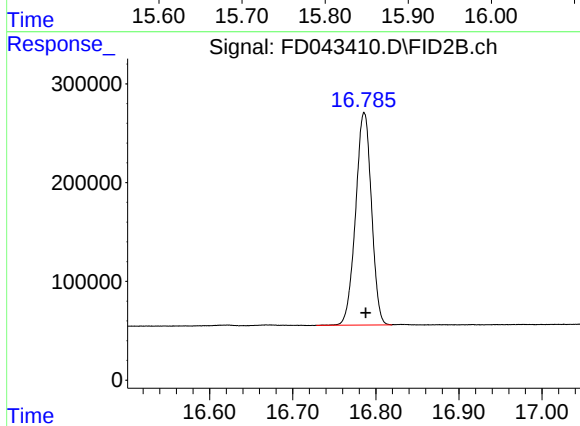
#14 n-Tetracosane (C24)

R.T.: 14.820 min
Delta R.T.: -0.003 min
Response: 2916013
Conc: 20.13 ug/ml



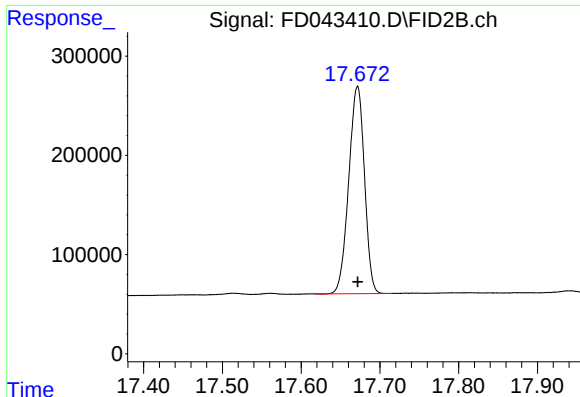
#15 n-Hexacosane (C26)

R.T.: 15.839 min
Delta R.T.: -0.002 min
Response: 2868889
Conc: 19.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.786 min
Delta R.T.: -0.002 min
Response: 2849123
Conc: 20.14 ug/ml



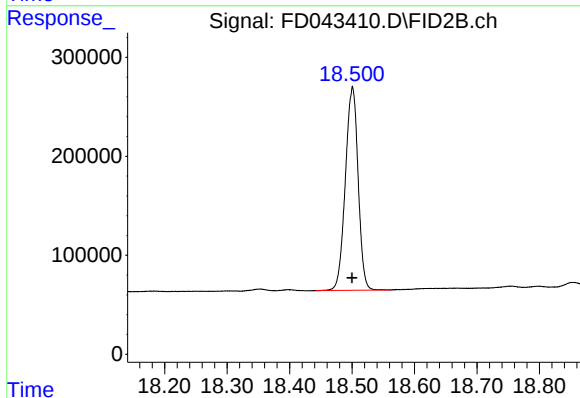
#17 n-Tricontane (C30)

R.T.: 17.672 min
Delta R.T.: 0.000 min
Response: 2902883
Conc: 20.57 ug/ml

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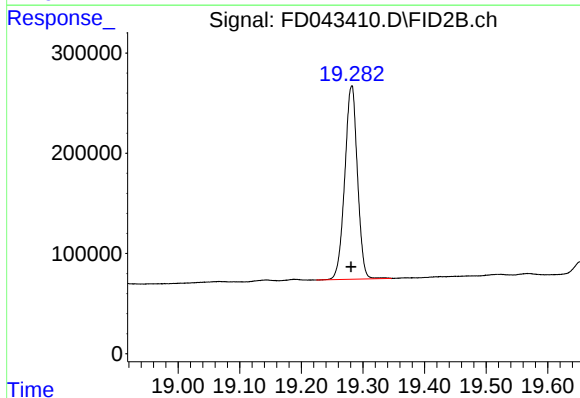
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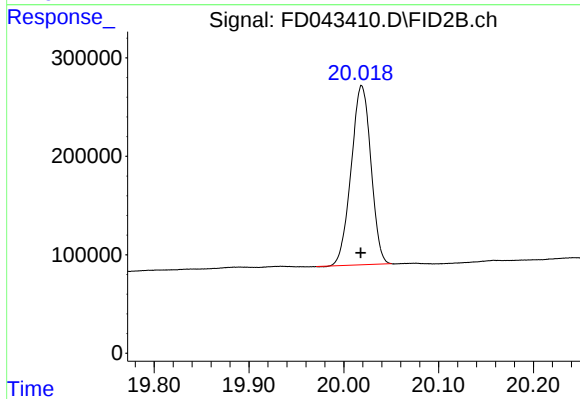
#18 n-Dotriacontane (C32)

R.T.: 18.501 min
Delta R.T.: 0.000 min
Response: 2917493
Conc: 21.10 ug/ml



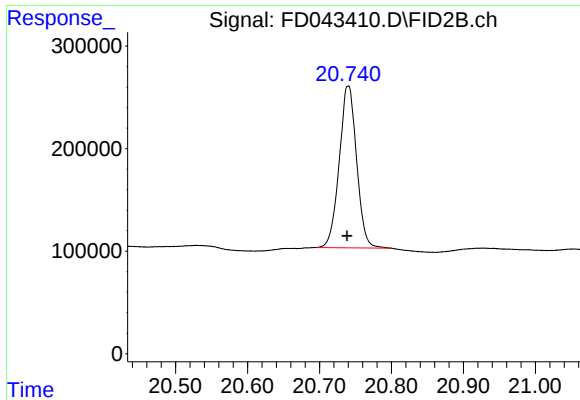
#19 n-Tetratriacontane (C34)

R.T.: 19.282 min
Delta R.T.: 0.001 min
Response: 2758715
Conc: 21.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.019 min
Delta R.T.: 0.000 min
Response: 2636709
Conc: 21.38 ug/ml



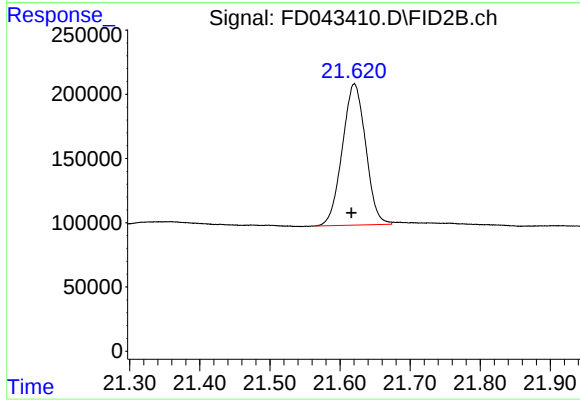
#21 n-Octatriacontane (C38)

R.T.: 20.740 min
Delta R.T.: 0.002 min
Response: 2650432
Conc: 22.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.620 min
Delta R.T.: 0.004 min
Response: 2541375
Conc: 22.48 ug/ml m