

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072922AL\
 Data File : FD043432.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jul 2022 06:50
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 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 30 07:11:40 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)	11.530	2954041	18.662 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
12) S 1-chlorooctadecane (S...	12.966	2280616	18.608 ug/ml
Spiked Amount 50.000		Recovery =	37.22%
Target Compounds			
1) T n-Nonane (C9)	3.314	2862622	20.423 ug/ml
2) T n-Decane (C10)	4.376	2894963	20.589 ug/ml
3) T A~Naphthalene (C11.7)	5.955	3100854	20.408 ug/ml
4) T n-Dodecane (C12)	6.390	2899702	20.373 ug/ml
5) T A~2-methylnaphthalene...	7.009	3055087	20.418 ug/ml
6) T n-Tetradecane (C14)	8.181	2871553	20.243 ug/ml
7) T n-Hexadecane (C16)	9.778	2851121	20.102 ug/ml
8) T n-Octadecane (C18)	11.217	2819029	19.715 ug/ml
10) T n-Eicosane (C20)	12.523	2740131	18.925 ug/ml
11) T n-Heneicosane (C21)	13.133	2690223	18.522 ug/ml
13) T n-Docosane (C22)	13.718	2649413	18.262 ug/ml
14) T n-Tetracosane (C24)	14.818	2544554	17.564 ug/ml
15) T n-Hexacosane (C26)	15.837	2466011	17.144 ug/ml
16) T n-Octacosane (C28)	16.784	2426918	17.156 ug/ml
17) T n-Tricontane (C30)	17.668	2536882	17.974 ug/ml
18) T n-Dotriacontane (C32)	18.498	2593246	18.753 ug/ml
19) T n-Tetratriacontane (C34)	19.280	2456050	19.086 ug/ml
20) T n-Hexatriacontane (C36)	20.015	2446306	19.833 ug/ml
21) T n-Octatriacontane (C38)	20.735	2526217	21.364 ug/mlm
22) T n-Tetracontane (C40)	21.614	2369659	20.957 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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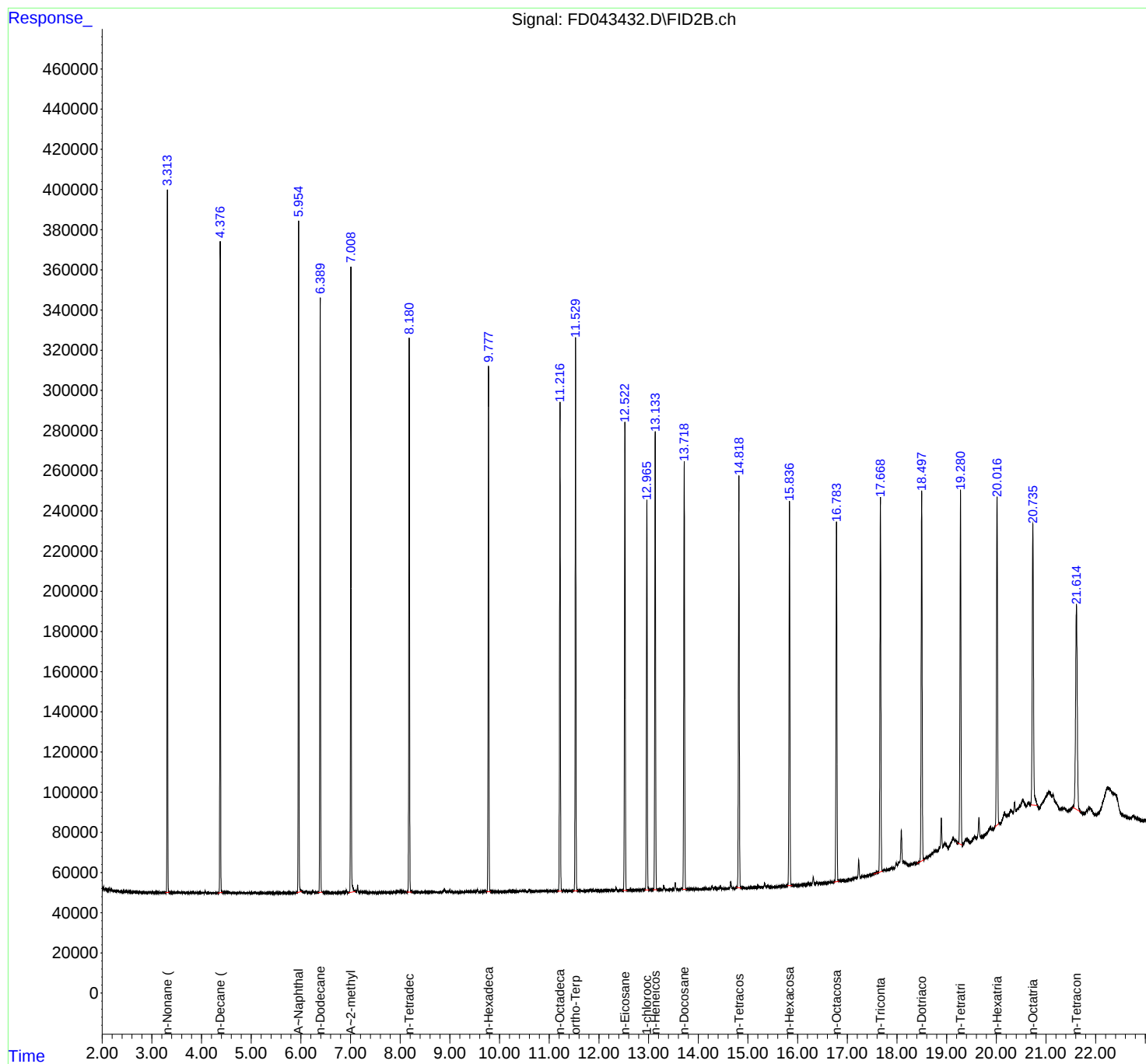
Instrument :
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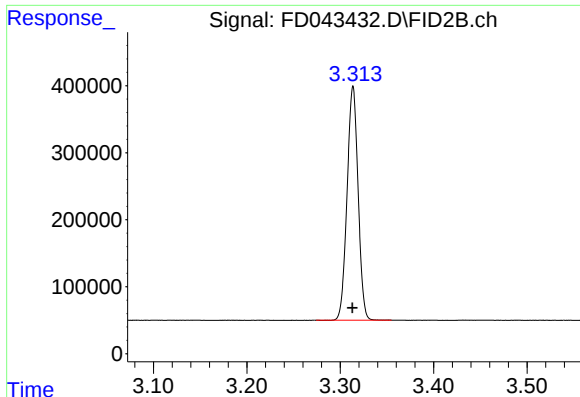
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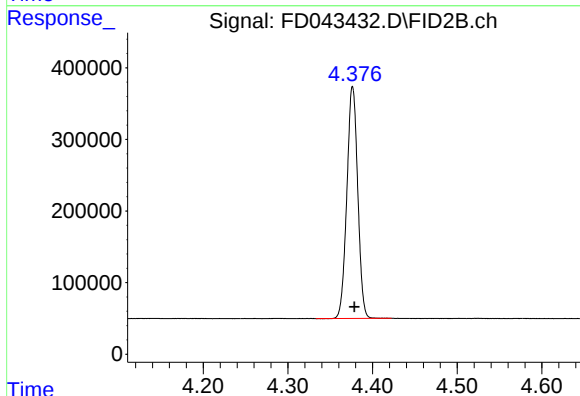
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 2862622
Conc: 20.42 ug/ml

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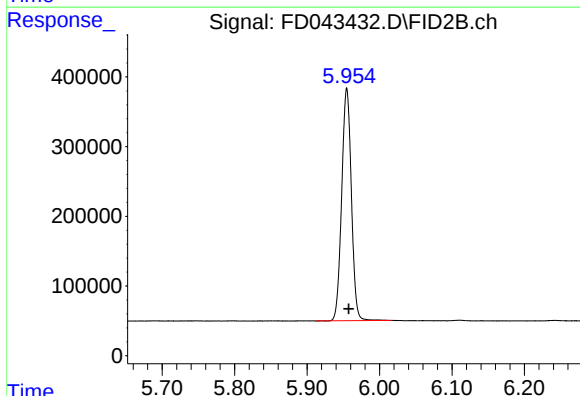
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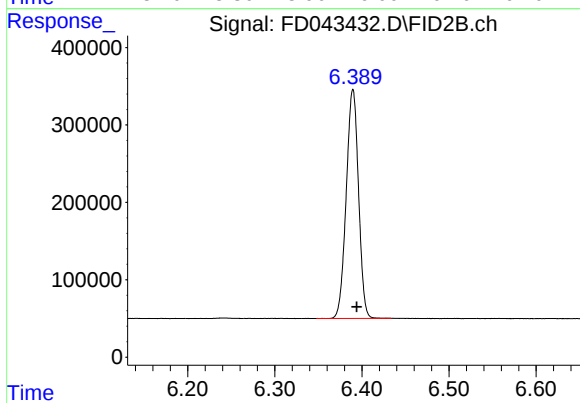
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: -0.002 min
Response: 2894963
Conc: 20.59 ug/ml



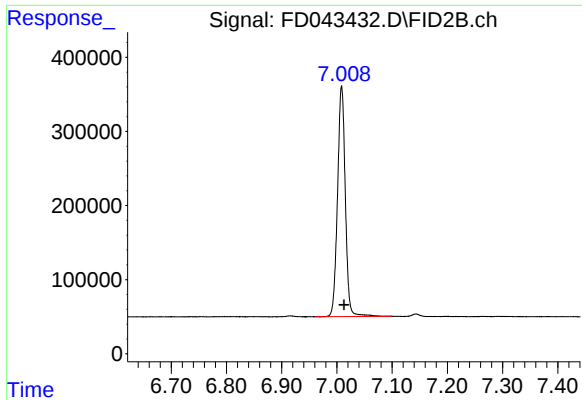
#3 A~Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: -0.003 min
Response: 3100854
Conc: 20.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.390 min
Delta R.T.: -0.004 min
Response: 2899702
Conc: 20.37 ug/ml



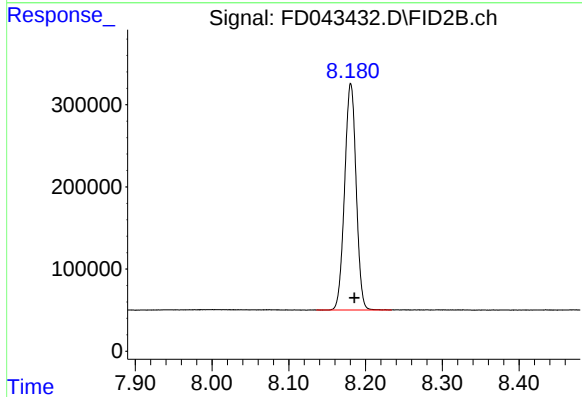
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: -0.004 min
Response: 3055087
Conc: 20.42 ug/ml

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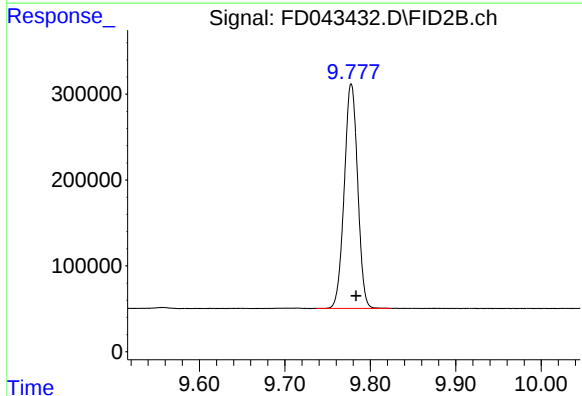
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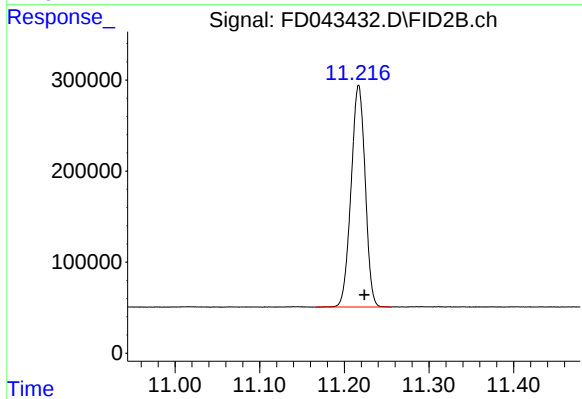
#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: -0.005 min
Response: 2871553
Conc: 20.24 ug/ml



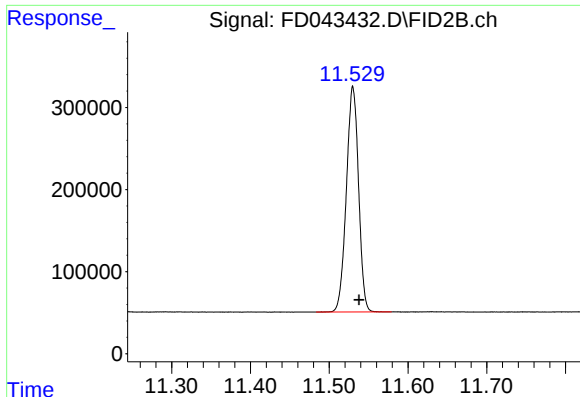
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: -0.006 min
Response: 2851121
Conc: 20.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.217 min
Delta R.T.: -0.007 min
Response: 2819029
Conc: 19.71 ug/ml



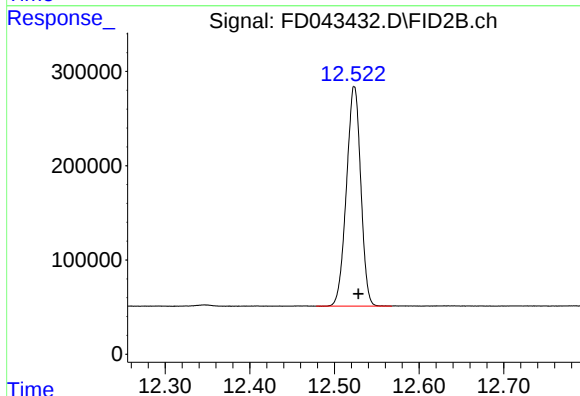
#9 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: -0.008 min
Response: 2954041
Conc: 18.66 ug/ml

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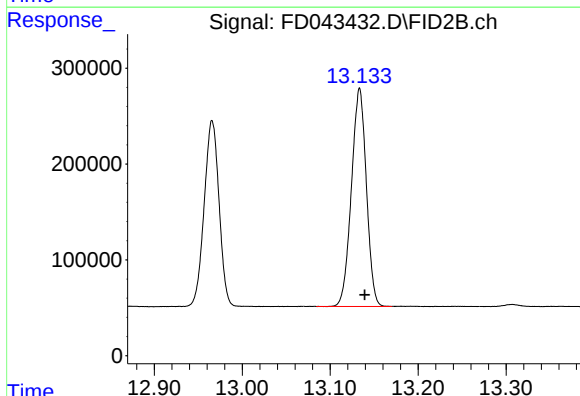
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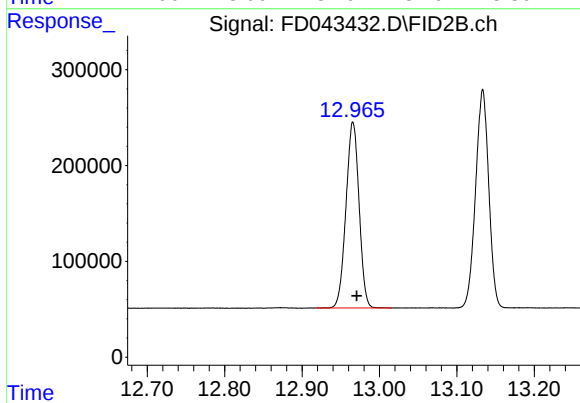
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: -0.005 min
Response: 2740131
Conc: 18.92 ug/ml



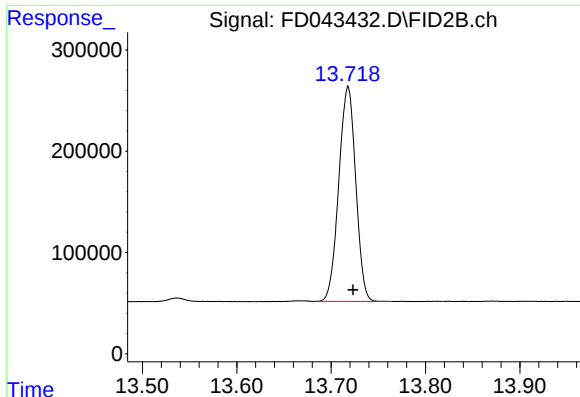
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: -0.006 min
Response: 2690223
Conc: 18.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.966 min
Delta R.T.: -0.005 min
Response: 2280616
Conc: 18.61 ug/ml



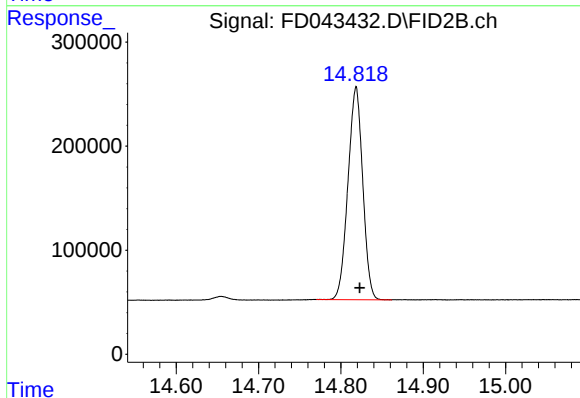
#13 n-Docosane (C22)

R.T.: 13.718 min
Delta R.T.: -0.005 min
Response: 2649413
Conc: 18.26 ug/ml

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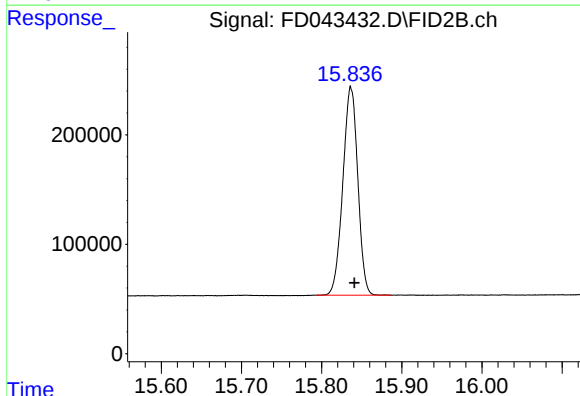
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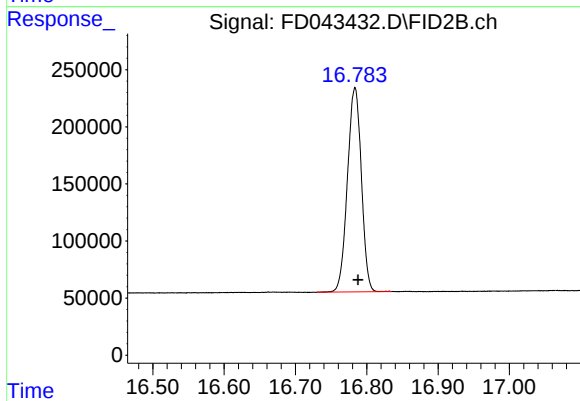
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: -0.005 min
Response: 2544554
Conc: 17.56 ug/ml



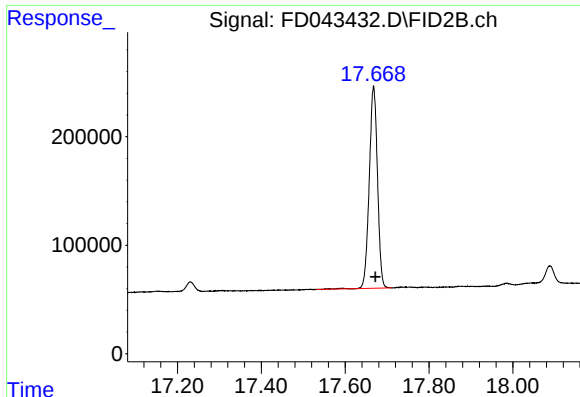
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: -0.005 min
Response: 2466011
Conc: 17.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.784 min
Delta R.T.: -0.004 min
Response: 2426918
Conc: 17.16 ug/ml



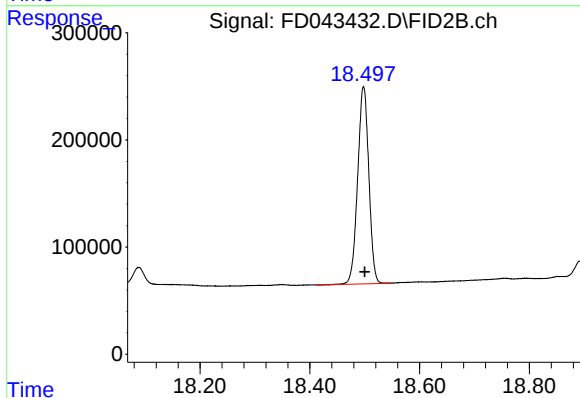
#17 n-Tricontane (C30)

R.T.: 17.668 min
Delta R.T.: -0.004 min
Response: 2536882
Conc: 17.97 ug/ml

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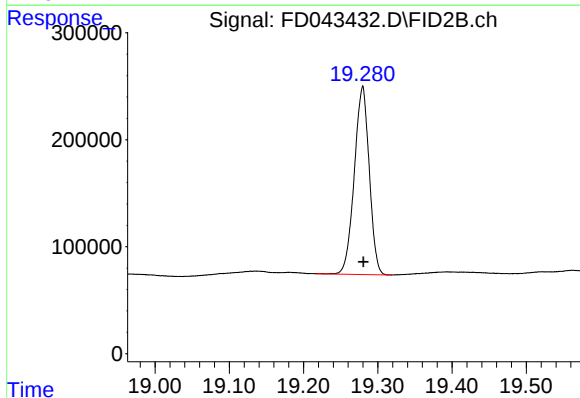
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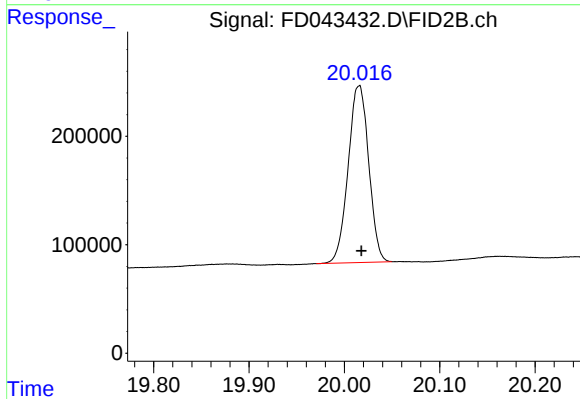
#18 n-Dotriacontane (C32)

R.T.: 18.498 min
Delta R.T.: -0.002 min
Response: 2593246
Conc: 18.75 ug/ml



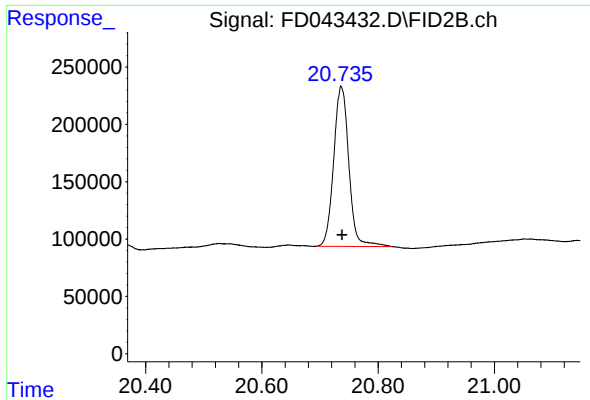
#19 n-Tetratriacontane (C34)

R.T.: 19.280 min
Delta R.T.: 0.000 min
Response: 2456050
Conc: 19.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.015 min
Delta R.T.: -0.003 min
Response: 2446306
Conc: 19.83 ug/ml



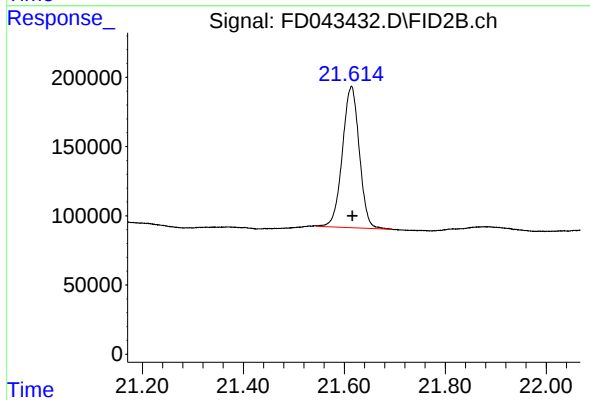
#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: -0.003 min
Response: 2526217
Conc: 21.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.614 min
Delta R.T.: -0.002 min
Response: 2369659
Conc: 20.96 ug/ml m