

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101122AL\
 Data File : FD044096.D
 Signal(s) : FID2B.ch
 Acq On : 12 Oct 2022 00:57
 Operator : YP/AJ
 Sample : N5081-08MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 6MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/12/2022
 Supervised By :Ankita Jodhani 10/13/2022

Integration File: autoint1.e
 Quant Time: Oct 12 07:04:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 06 01:41:44 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)	11.308	8103448	51.481 ug/ml
Spiked Amount 50.000		Recovery =	102.96%
12) S 1-chlorooctadecane (S...	12.725	6711715	53.367 ug/ml
Spiked Amount 50.000		Recovery =	106.73%
Target Compounds			
1) T n-Nonane (C9)	3.160	6744060	49.947 ug/ml
2) T n-Decane (C10)	4.199	6977346	51.933 ug/ml
3) T A~Naphthalene (C11.7)	5.762	7586258	56.778 ug/ml
4) T n-Dodecane (C12)	6.187	7439865	53.542 ug/ml
5) T A~2-methylnaphthalene...	6.805	7297393	56.122 ug/mlm
6) T n-Tetradecane (C14)	7.967	7626927	54.783 ug/ml
7) T n-Hexadecane (C16)	9.554	7614694	53.985 ug/ml
8) T n-Octadecane (C18)	10.986	7831837	53.861 ug/ml
10) T n-Eicosane (C20)	12.284	7431595	50.116 ug/ml
11) T n-Heneicosane (C21)	12.890	7372670	49.141 ug/ml
13) T n-Docosane (C22)	13.471	7288110	48.476 ug/ml
14) T n-Tetracosane (C24)	14.559	13746959	91.079 ug/ml
15) T n-Hexacosane (C26)	15.577	6709239	44.311 ug/ml
16) T n-Octacosane (C28)	16.516	6730487	44.674 ug/ml
17) T n-Tricontane (C30)	17.396	6235398	40.682 ug/ml
18) T n-Dotriacontane (C32)	18.218	6178628	40.289 ug/ml
19) T n-Tetratriacontane (C34)	18.993	6303443	42.817 ug/ml
20) T n-Hexatriacontane (C36)	19.725	5810760	39.632 ug/mlm
21) T n-Octatriacontane (C38)	20.416	5984397	42.897 ug/mlm
22) T n-Tetracontane (C40)	21.182	5850291	44.982 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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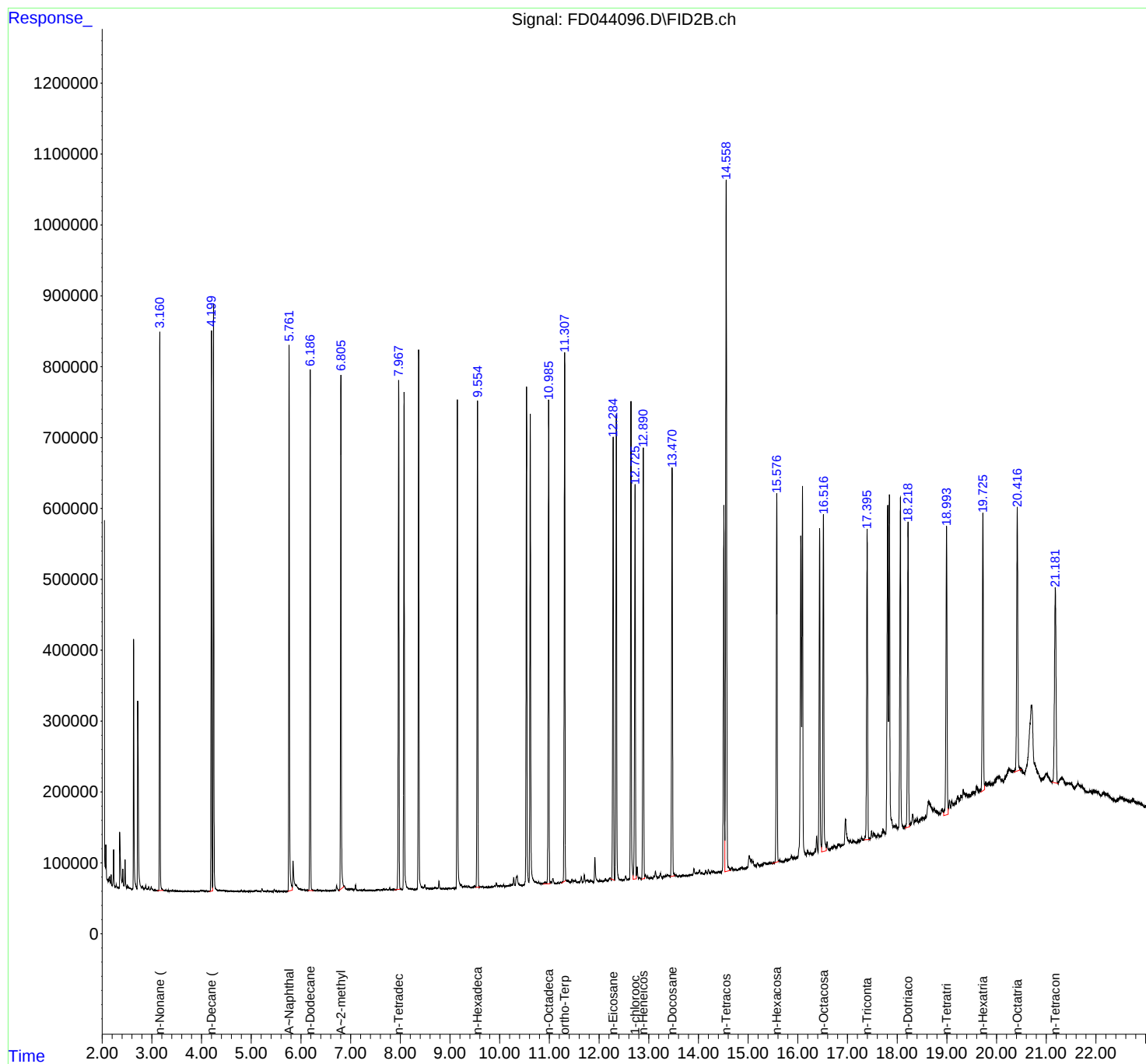
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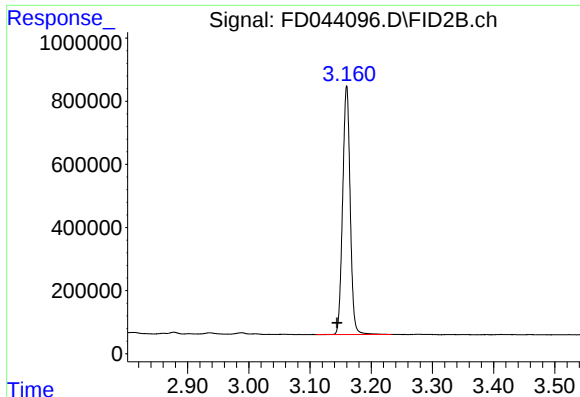
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#1 n-Nonane (C9)

R.T.: 3.160 min
Delta R.T.: 0.016 min
Response: 6744060
Conc: 49.95 ug/ml

Instrument :

FID_D

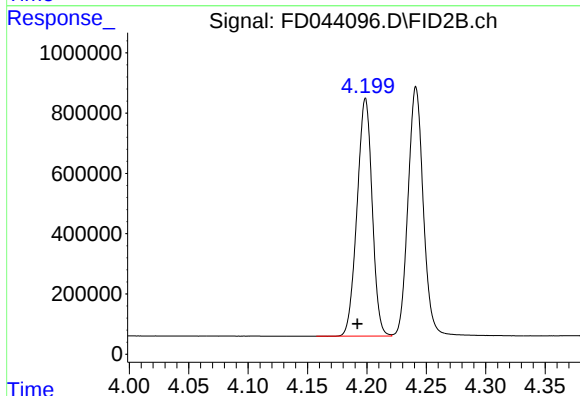
ClientSampleId :

6MSD

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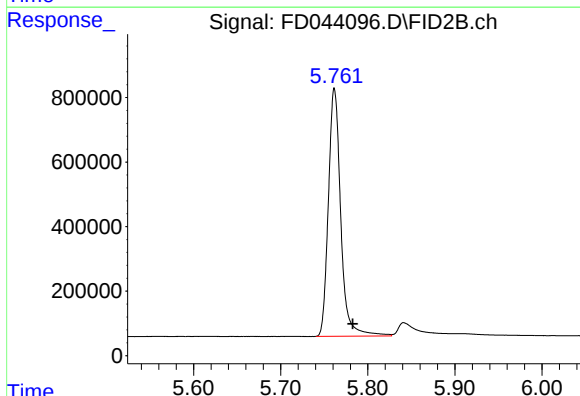
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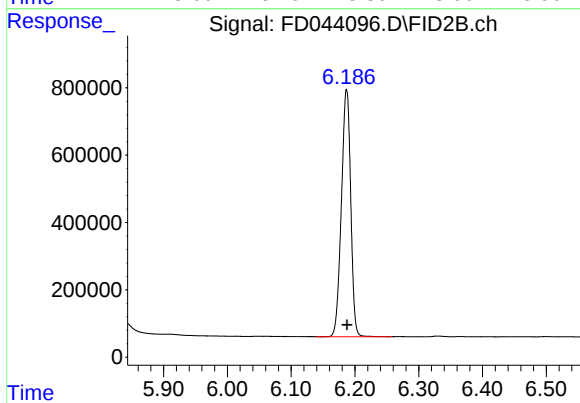
#2 n-Decane (C10)

R.T.: 4.199 min
Delta R.T.: 0.007 min
Response: 6977346
Conc: 51.93 ug/ml



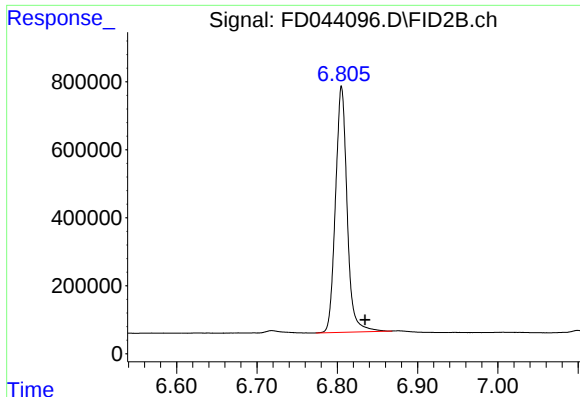
#3 A~Naphthalene (C11.7)

R.T.: 5.762 min
Delta R.T.: -0.021 min
Response: 7586258
Conc: 56.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 7439865
Conc: 53.54 ug/ml



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

R.T.: 6.805 min
Delta R.T.: -0.030 min
Response: 7297393
Conc: 56.12 ug/ml

Instrument :

FID_D

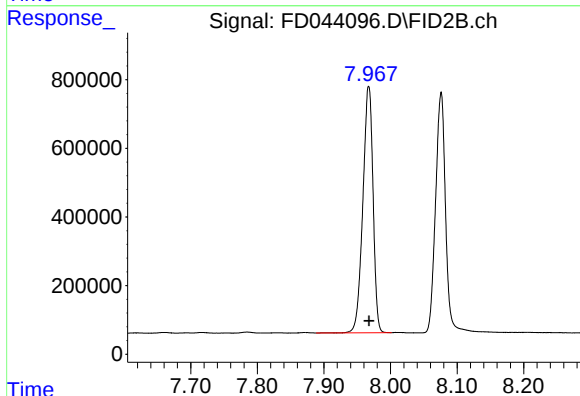
ClientSampleId :

6MSD

Manual Integrations

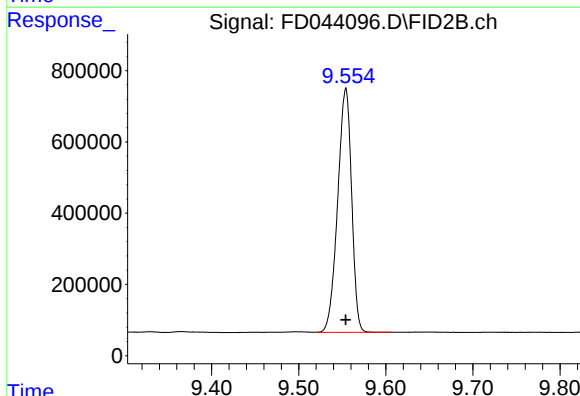
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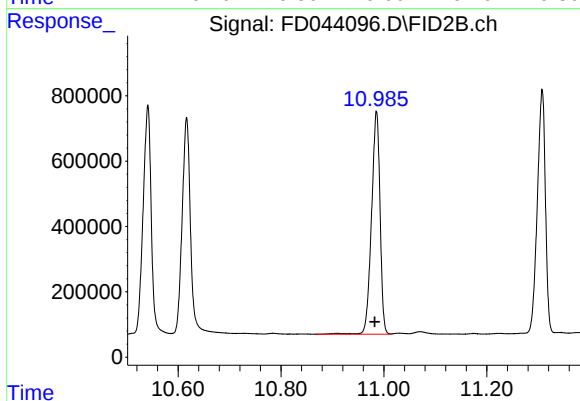
#6 n-Tetradecane (C14)

R.T.: 7.967 min
Delta R.T.: 0.000 min
Response: 7626927
Conc: 54.78 ug/ml



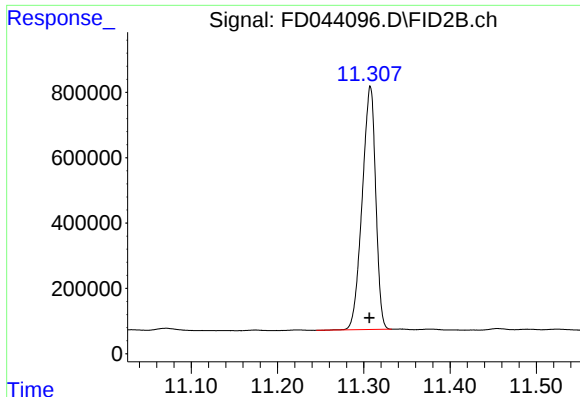
#7 n-Hexadecane (C16)

R.T.: 9.554 min
Delta R.T.: 0.000 min
Response: 7614694
Conc: 53.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.986 min
Delta R.T.: 0.003 min
Response: 7831837
Conc: 53.86 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.308 min
Delta R.T.: 0.000 min
Response: 8103448
Conc: 51.48 ug/ml

Instrument :

FID_D

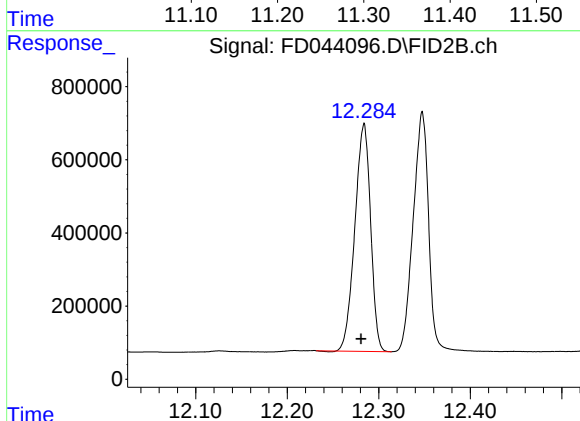
ClientSampleId :

6MSD

Manual Integrations

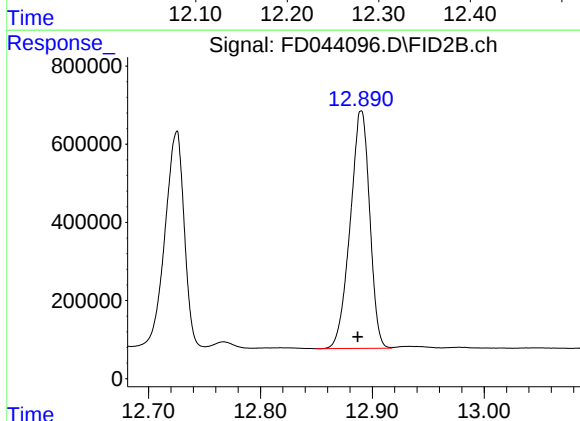
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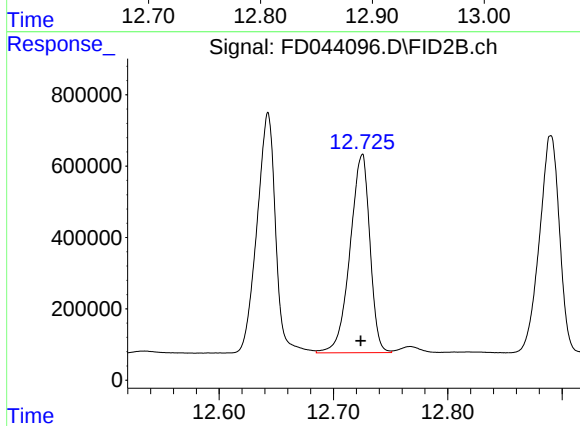
#10 n-Eicosane (C20)

R.T.: 12.284 min
Delta R.T.: 0.003 min
Response: 7431595
Conc: 50.12 ug/ml



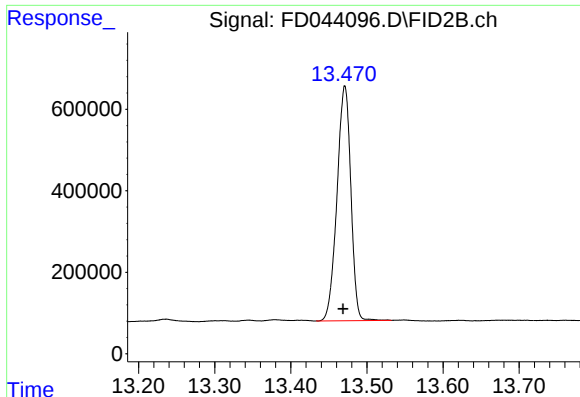
#11 n-Heneicosane (C21)

R.T.: 12.890 min
Delta R.T.: 0.003 min
Response: 7372670
Conc: 49.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.725 min
Delta R.T.: 0.001 min
Response: 6711715
Conc: 53.37 ug/ml



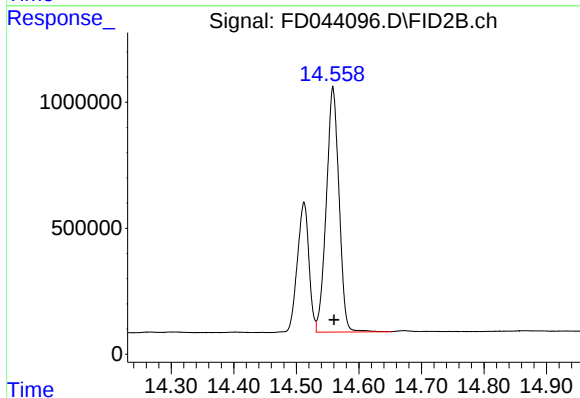
#13 n-Docosane (C22)

R.T.: 13.471 min
Delta R.T.: 0.002 min
Response: 7288110
Conc: 48.48 ug/ml

Instrument :
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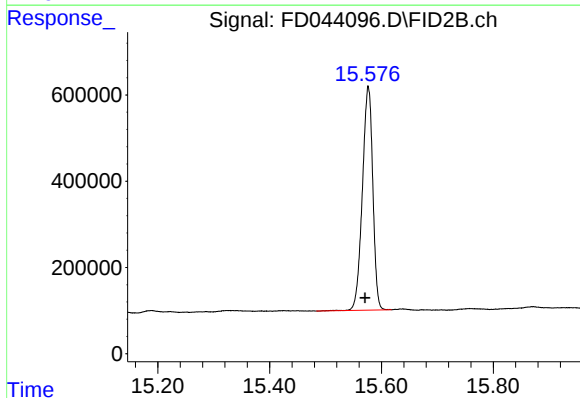
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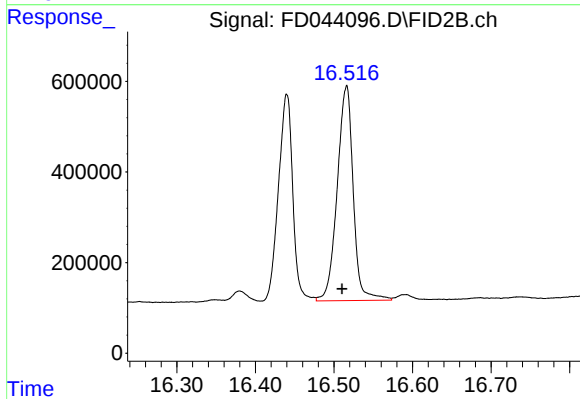
#14 n-Tetracosane (C24)

R.T.: 14.559 min
Delta R.T.: -0.002 min
Response: 13746959
Conc: 91.08 ug/ml



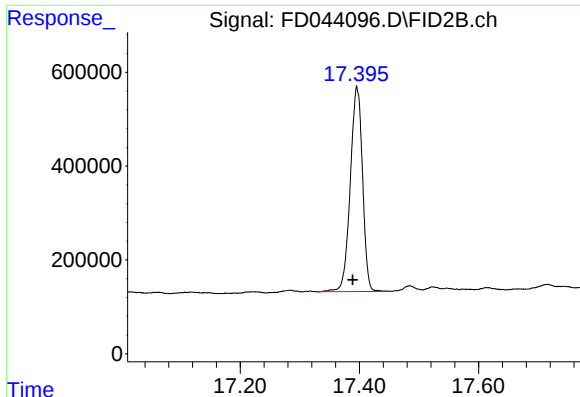
#15 n-Hexacosane (C26)

R.T.: 15.577 min
Delta R.T.: 0.006 min
Response: 6709239
Conc: 44.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.516 min
Delta R.T.: 0.006 min
Response: 6730487
Conc: 44.67 ug/ml



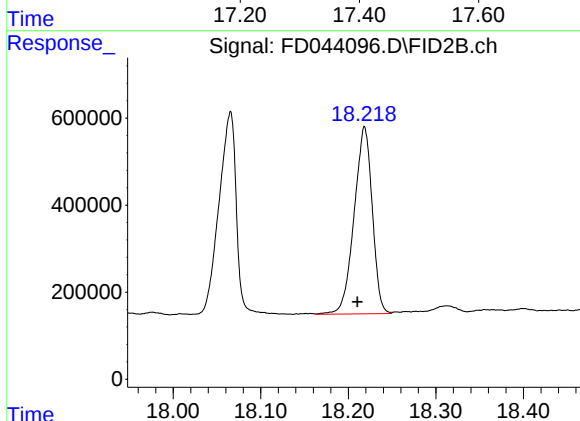
#17 n-Tricontane (C30)

R.T.: 17.396 min
Delta R.T.: 0.007 min
Response: 6235398
Conc: 40.68 ug/ml

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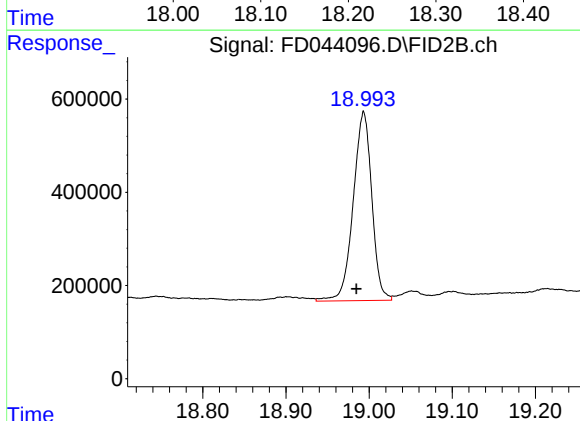
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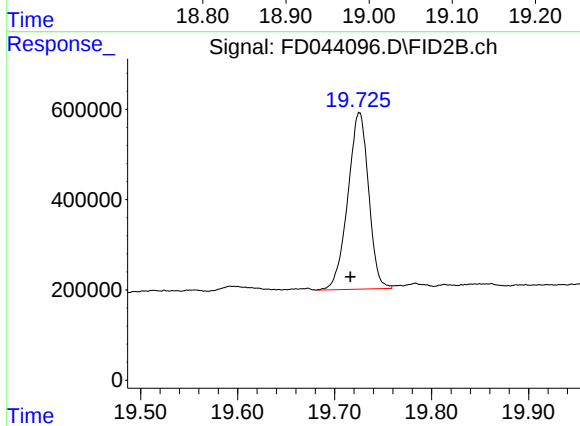
#18 n-Dotriacontane (C32)

R.T.: 18.218 min
Delta R.T.: 0.008 min
Response: 6178628
Conc: 40.29 ug/ml



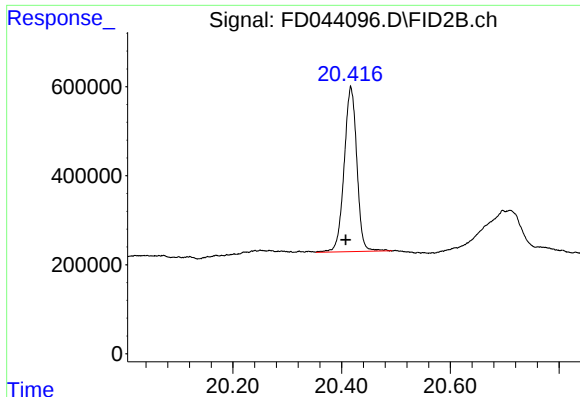
#19 n-Tetratriacontane (C34)

R.T.: 18.993 min
Delta R.T.: 0.009 min
Response: 6303443
Conc: 42.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.725 min
Delta R.T.: 0.008 min
Response: 5810760
Conc: 39.63 ug/ml m



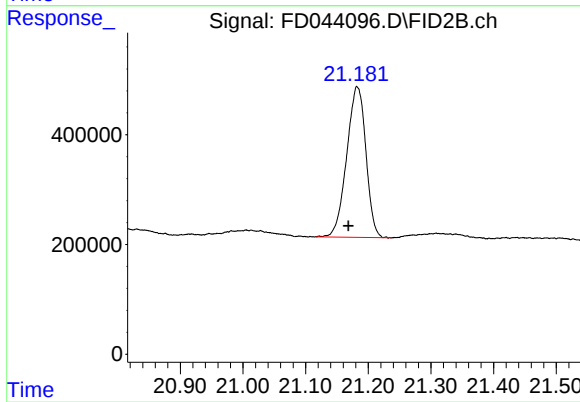
#21 n-Octatriacontane (C38)

R.T.: 20.416 min
Delta R.T.: 0.009 min
Response: 5984397
Conc: 42.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.182 min
Delta R.T.: 0.014 min
Response: 5850291
Conc: 44.98 ug/ml