

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101122AL\
 Data File : FD044095.D
 Signal(s) : FID2B.ch
 Acq On : 12 Oct 2022 00:11
 Operator : YP/AJ
 Sample : N5081-08MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 6MS

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 07:04:11 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)	11.306	7178303	45.604 ug/ml
Spiked Amount 50.000		Recovery =	91.21%
12) S 1-chlorooctadecane (S...	12.722	5963967	47.422 ug/ml
Spiked Amount 50.000		Recovery =	94.84%
Target Compounds			
1) T n-Nonane (C9)	3.150	5836258	43.223 ug/ml
2) T n-Decane (C10)	4.193	6022450	44.826 ug/ml
3) T A~Naphthalene (C11.7)	5.759	6443937	48.229 ug/ml
4) T n-Dodecane (C12)	6.185	6459588	46.487 ug/ml
5) T A~2-methylnaphthalene...	6.803	6487193	49.891 ug/ml
6) T n-Tetradecane (C14)	7.965	6674606	47.943 ug/ml
7) T n-Hexadecane (C16)	9.552	6657304	47.198 ug/ml
8) T n-Octadecane (C18)	10.984	6876450	47.291 ug/ml
10) T n-Eicosane (C20)	12.282	6650012	44.846 ug/ml
11) T n-Heneicosane (C21)	12.888	6513294	43.413 ug/ml
13) T n-Docosane (C22)	13.470	6457805	42.953 ug/ml
14) T n-Tetracosane (C24)	14.556	12437651	82.404 ug/ml
15) T n-Hexacosane (C26)	15.574	6068317	40.078 ug/ml
16) T n-Octacosane (C28)	16.514	6158249	40.876 ug/ml
17) T n-Tricontane (C30)	17.393	5695378	37.158 ug/ml
18) T n-Dotriacontane (C32)	18.215	5611875	36.594 ug/ml
19) T n-Tetratriacontane (C34)	18.991	5455367	37.057 ug/ml
20) T n-Hexatriacontane (C36)	19.722	5340237	36.423 ug/ml
21) T n-Octatriacontane (C38)	20.416	5276911	37.825 ug/ml
22) T n-Tetracontane (C40)	21.177	5279525	40.594 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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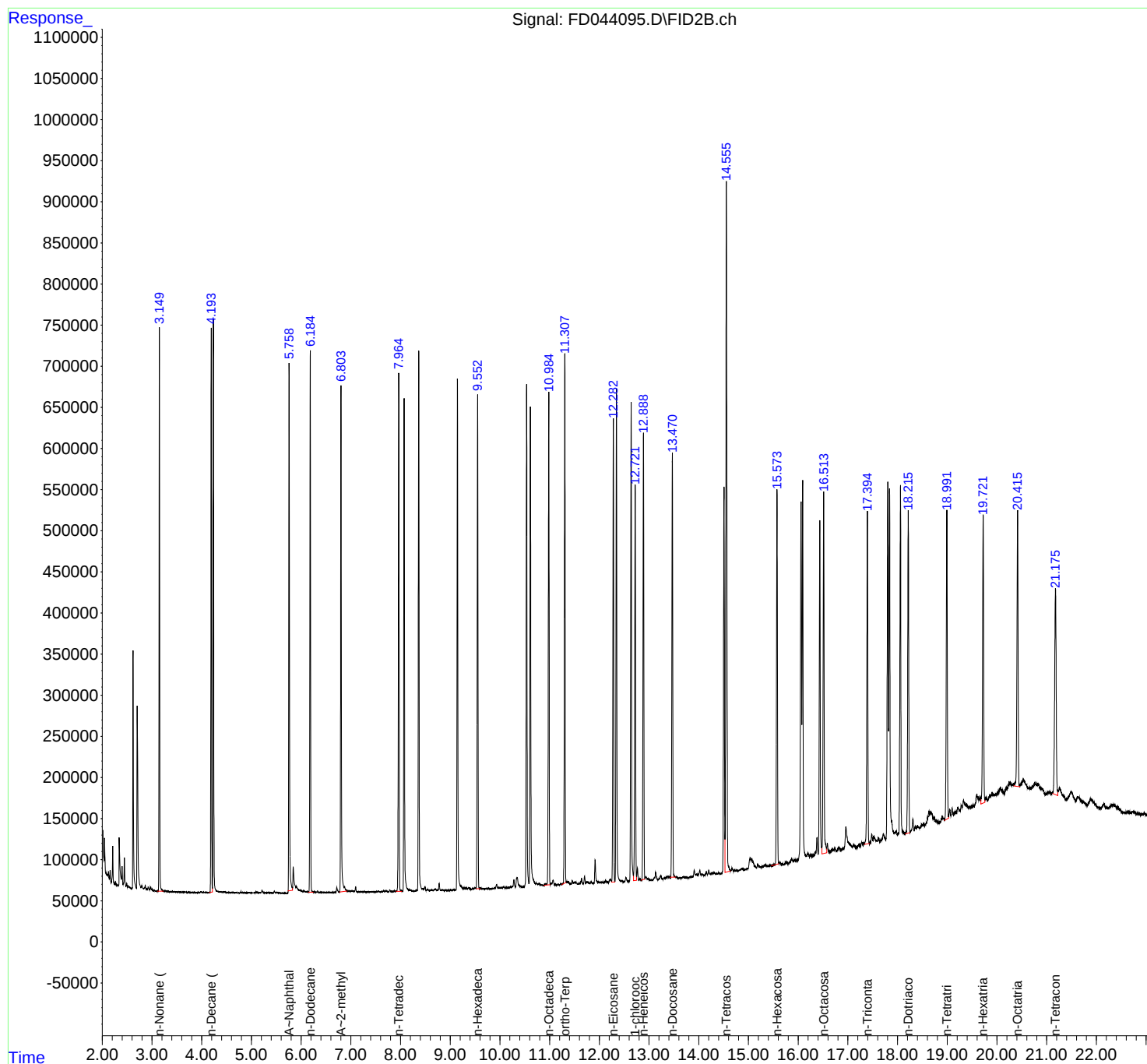
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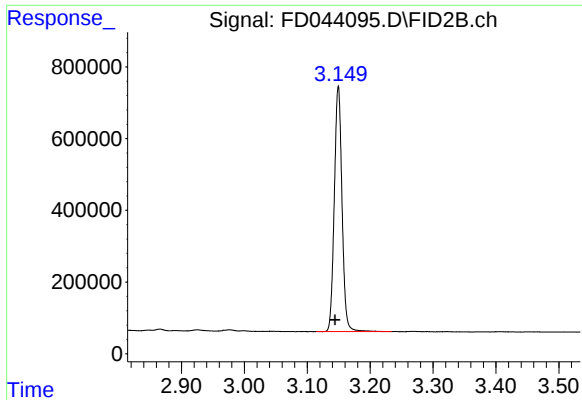
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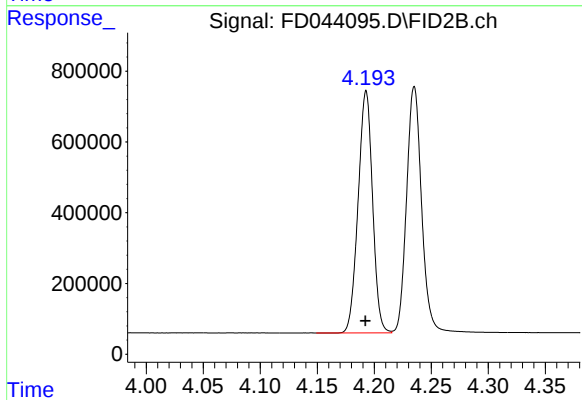
#1 n-Nonane (C9)

R.T.: 3.150 min
Delta R.T.: 0.006 min
Response: 5836258
Conc: 43.22 ug/ml

Instrument :
FID_D
ClientSampleId :
6MS

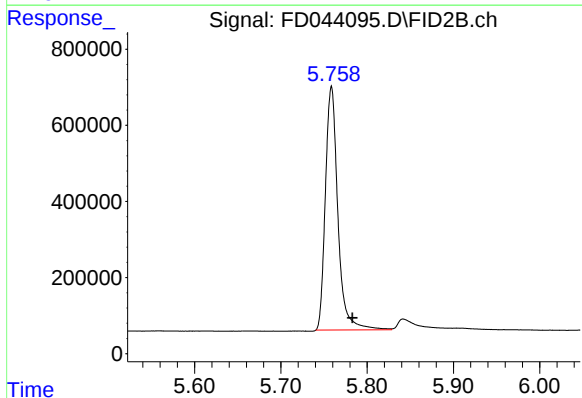
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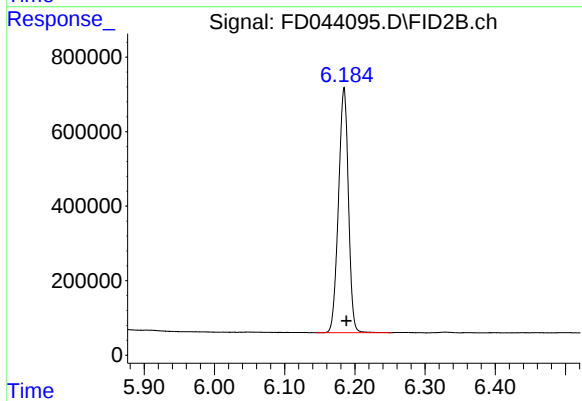
#2 n-Decane (C10)

R.T.: 4.193 min
Delta R.T.: 0.000 min
Response: 6022450
Conc: 44.83 ug/ml



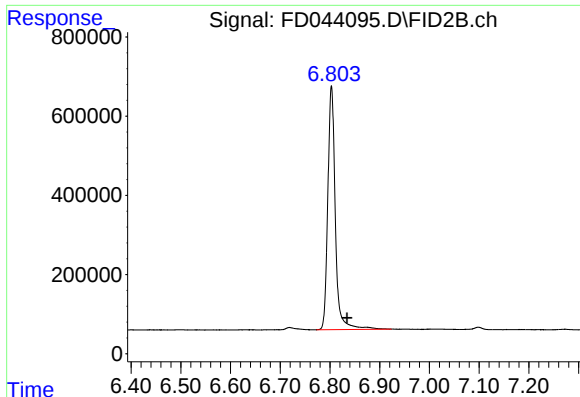
#3 A~Naphthalene (C11.7)

R.T.: 5.759 min
Delta R.T.: -0.024 min
Response: 6443937
Conc: 48.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 6459588
Conc: 46.49 ug/ml



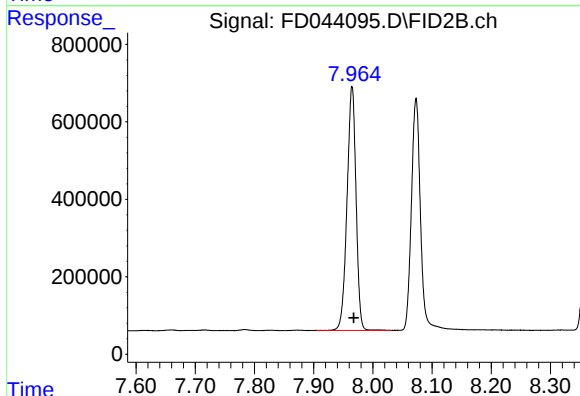
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.803 min
Delta R.T.: -0.032 min
Response: 6487193
Conc: 49.89 ug/ml

Instrument :
FID_D
ClientSampleId :
6MS

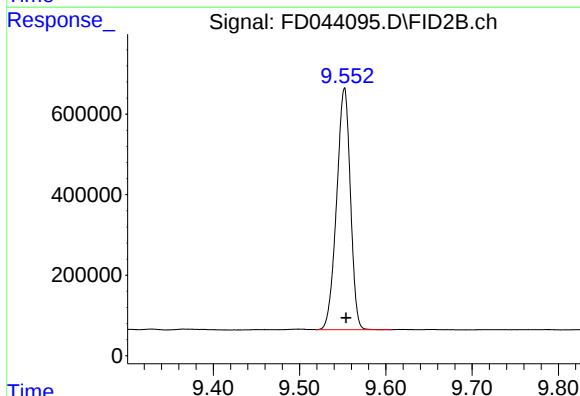
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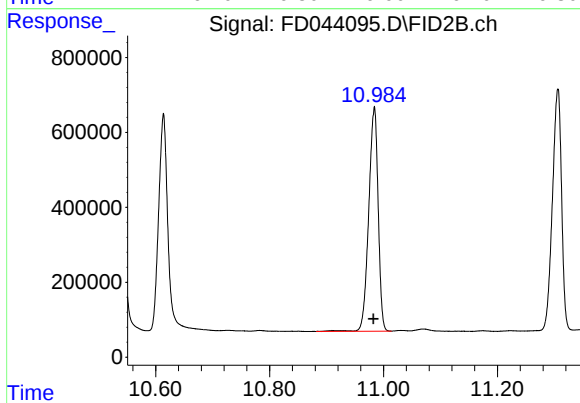
#6 n-Tetradecane (C14)

R.T.: 7.965 min
Delta R.T.: -0.003 min
Response: 6674606
Conc: 47.94 ug/ml



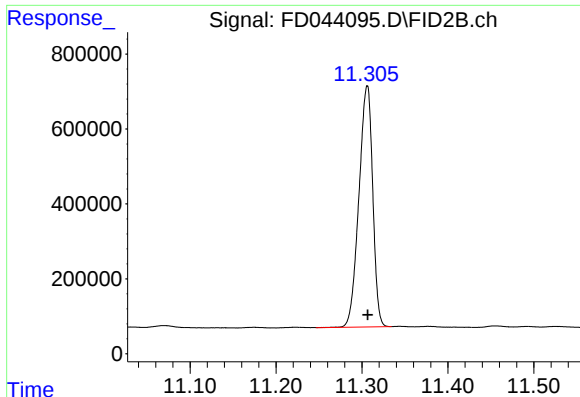
#7 n-Hexadecane (C16)

R.T.: 9.552 min
Delta R.T.: -0.002 min
Response: 6657304
Conc: 47.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.984 min
Delta R.T.: 0.001 min
Response: 6876450
Conc: 47.29 ug/ml



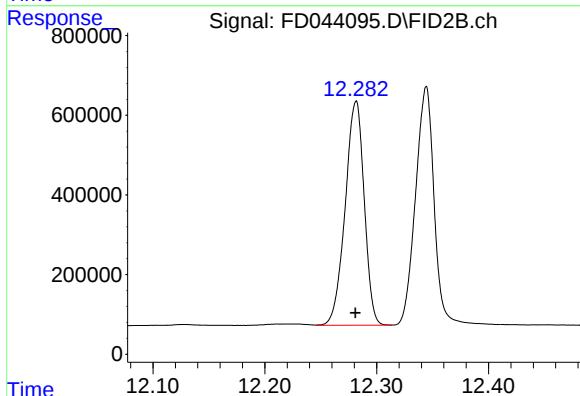
#9 ortho-Terphenyl (SURR)

R.T.: 11.306 min
Delta R.T.: 0.000 min
Response: 7178303
Conc: 45.60 ug/ml

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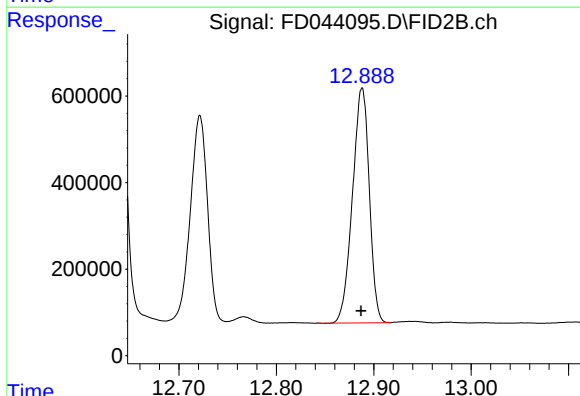
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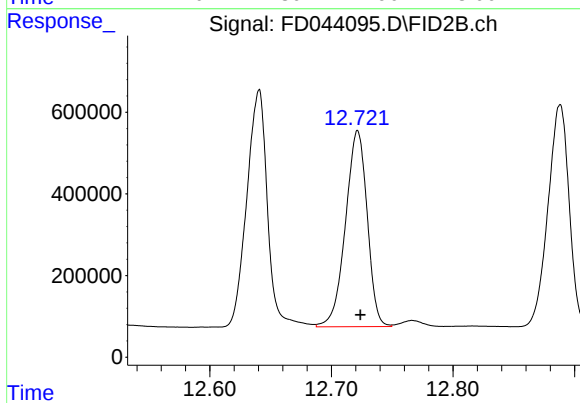
#10 n-Eicosane (C20)

R.T.: 12.282 min
Delta R.T.: 0.000 min
Response: 6650012
Conc: 44.85 ug/ml



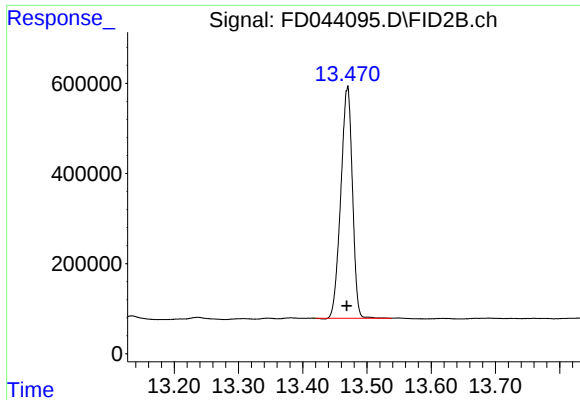
#11 n-Heneicosane (C21)

R.T.: 12.888 min
Delta R.T.: 0.001 min
Response: 6513294
Conc: 43.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.722 min
Delta R.T.: -0.002 min
Response: 5963967
Conc: 47.42 ug/ml



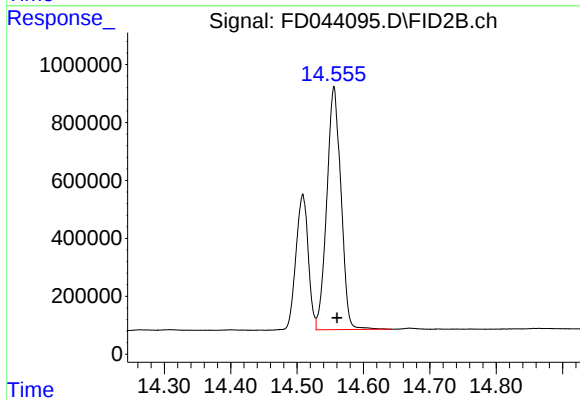
#13 n-Docosane (C22)

R.T.: 13.470 min
Delta R.T.: 0.001 min
Response: 6457805
Conc: 42.95 ug/ml

Instrument :
FID_D
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6MS

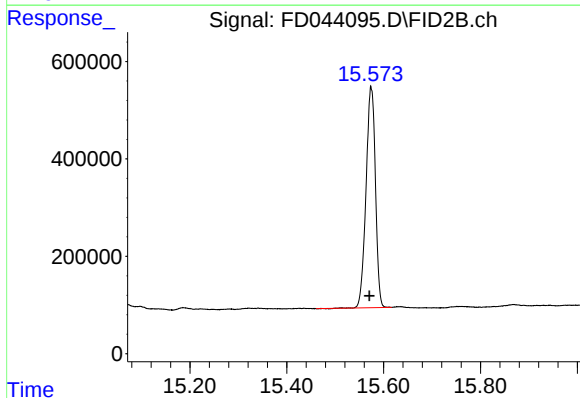
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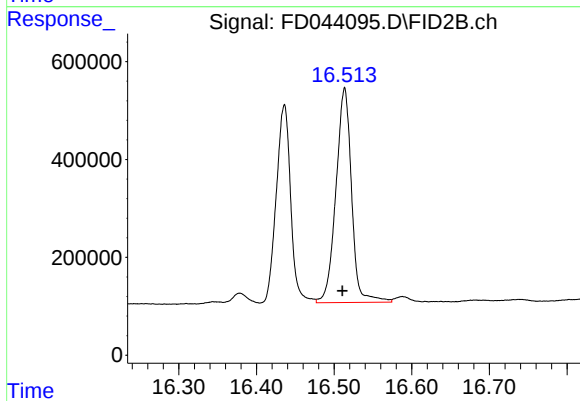
#14 n-Tetracosane (C24)

R.T.: 14.556 min
Delta R.T.: -0.005 min
Response: 12437651
Conc: 82.40 ug/ml



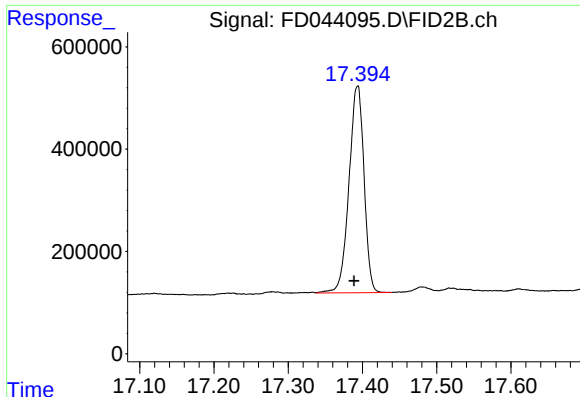
#15 n-Hexacosane (C26)

R.T.: 15.574 min
Delta R.T.: 0.004 min
Response: 6068317
Conc: 40.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.514 min
Delta R.T.: 0.003 min
Response: 6158249
Conc: 40.88 ug/ml



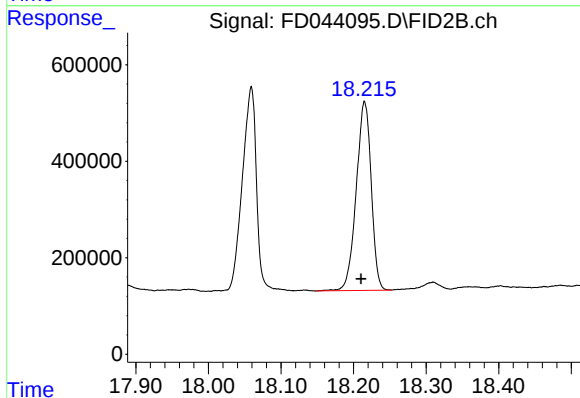
#17 n-Tricontane (C30)

R.T.: 17.393 min
Delta R.T.: 0.005 min
Response: 5695378
Conc: 37.16 ug/ml

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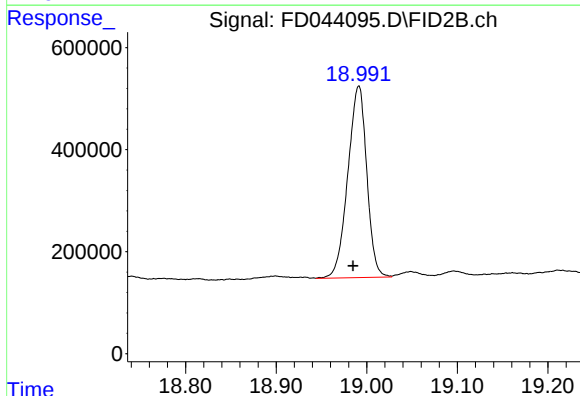
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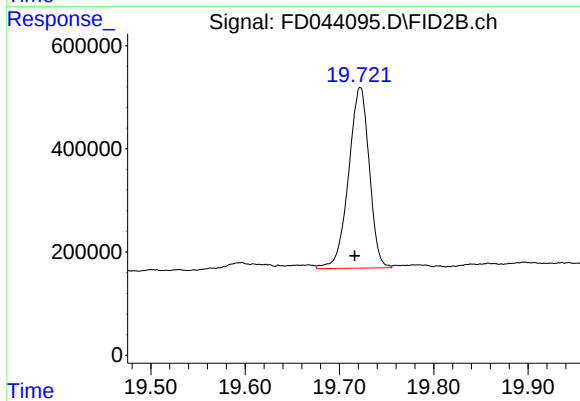
#18 n-Dotriacontane (C32)

R.T.: 18.215 min
Delta R.T.: 0.005 min
Response: 5611875
Conc: 36.59 ug/ml



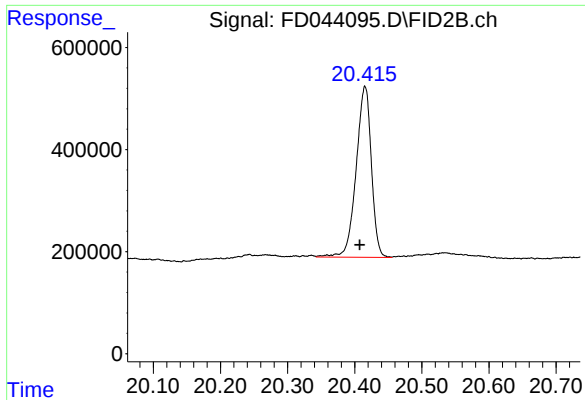
#19 n-Tetratriacontane (C34)

R.T.: 18.991 min
Delta R.T.: 0.007 min
Response: 5455367
Conc: 37.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.722 min
Delta R.T.: 0.006 min
Response: 5340237
Conc: 36.42 ug/ml



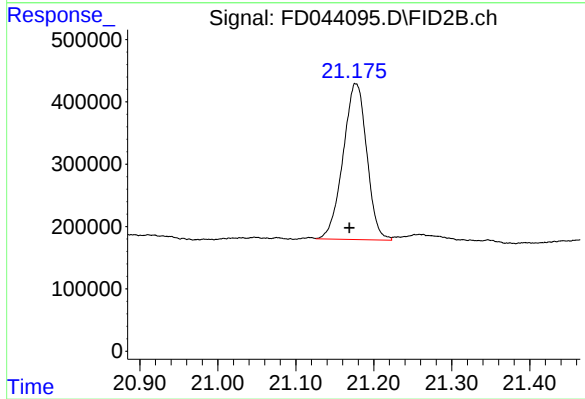
#21 n-Octatriacontane (C38)

R.T.: 20.416 min
Delta R.T.: 0.008 min
Response: 5276911
Conc: 37.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.177 min
Delta R.T.: 0.009 min
Response: 5279525
Conc: 40.59 ug/ml