

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080122AL\
 Data File : FD043455.D
 Signal(s) : FID2B.ch
 Acq On : 02 Aug 2022 03:02
 Operator : YP/AJ
 Sample : N3970-01MS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MHB-UPPERMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/02/2022
 Supervised By :Ankita Jodhani 08/02/2022

Integration File: autoint1.e
 Quant Time: Aug 02 04:11:47 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	5324050	33.634 ug/ml
Spiked Amount 50.000		Recovery =	67.27%
12) S 1-chlorooctadecane (S...	12.967	4086979	33.347 ug/ml
Spiked Amount 50.000		Recovery =	66.69%
Target Compounds			
1) T n-Nonane (C9)	3.320	5195012	37.063 ug/ml
2) T n-Decane (C10)	4.381	5902573	41.979 ug/ml
3) T A~Naphthalene (C11.7)	5.957	7357014	48.419 ug/ml
4) T n-Dodecane (C12)	6.392	6595402	46.340 ug/ml
5) T A~2-methylnaphthalene...	7.011	7581711	50.671 ug/ml
6) T n-Tetradecane (C14)	8.185	7030297	49.561 ug/ml
7) T n-Hexadecane (C16)	9.782	7539035	53.155 ug/ml
8) T n-Octadecane (C18)	11.221	8064867	56.402 ug/ml
10) T n-Eicosane (C20)	12.529	7929998	54.769 ug/ml
11) T n-Heneicosane (C21)	13.139	7805267	53.739 ug/ml
13) T n-Docosane (C22)	13.723	7743002	53.371 ug/ml
14) T n-Tetracosane (C24)	14.822	6012821	41.504 ug/ml
15) T n-Hexacosane (C26)	15.843	7166816	49.825 ug/ml
16) T n-Octacosane (C28)	16.788	6938171	49.046 ug/ml
17) T n-Tricontane (C30)	17.675	6633394	46.997 ug/mlm
18) T n-Dotriacontane (C32)	18.503	6440564	46.574 ug/ml
19) T n-Tetratriacontane (C34)	19.284	6016989	46.757 ug/ml
20) T n-Hexatriacontane (C36)	20.021	5390072	43.699 ug/ml
21) T n-Octatriacontane (C38)	20.743	5183104	43.832 ug/ml
22) T n-Tetracontane (C40)	21.623	5232278	46.274 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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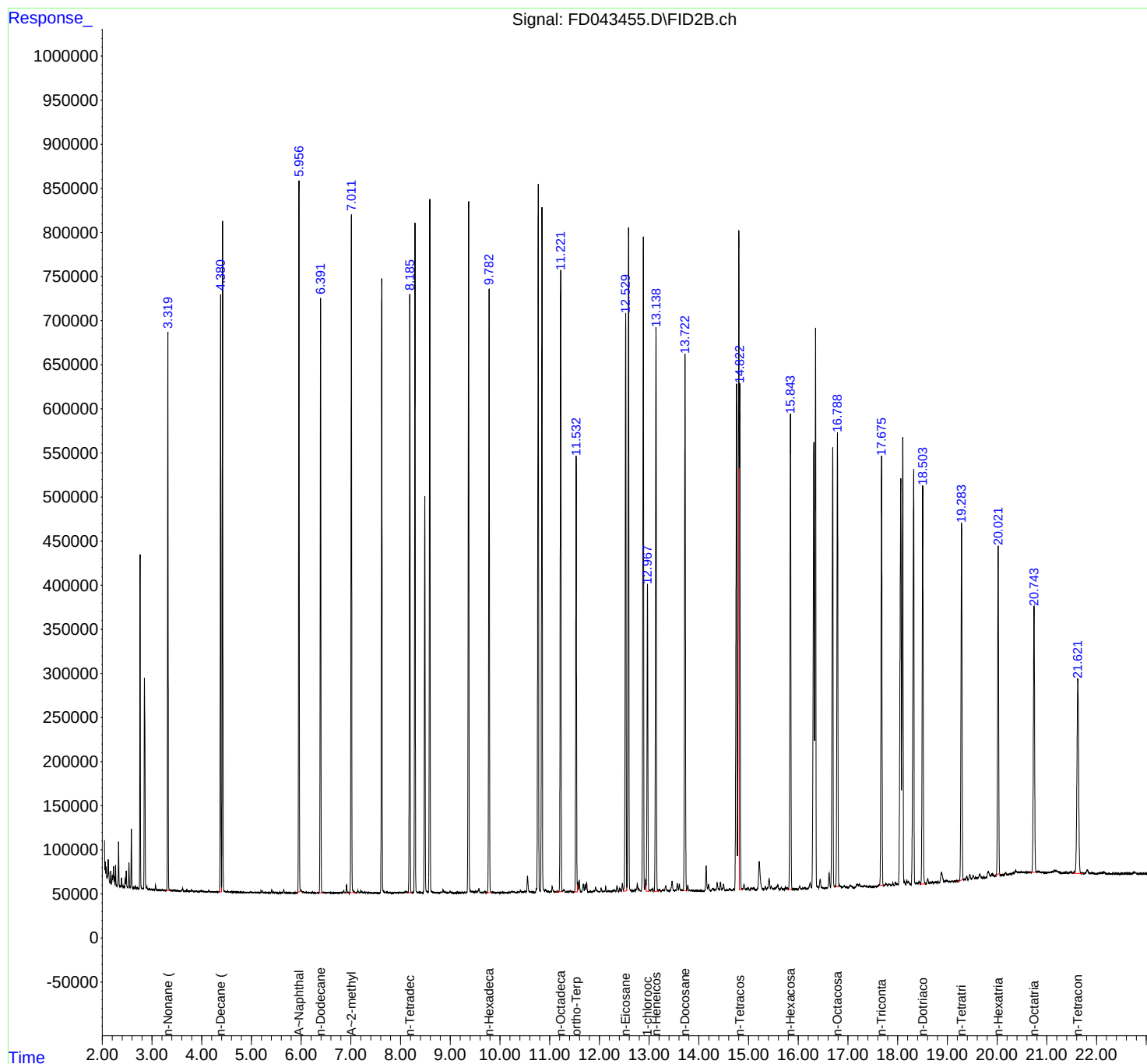
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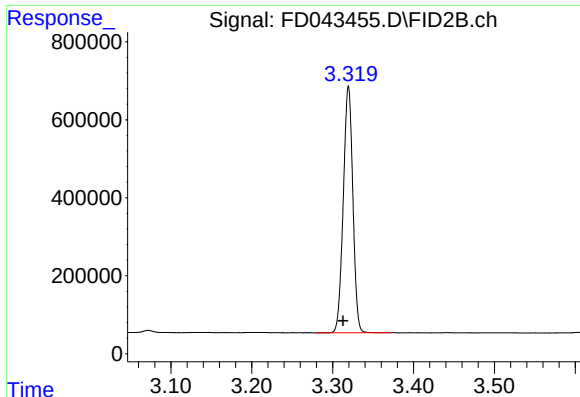
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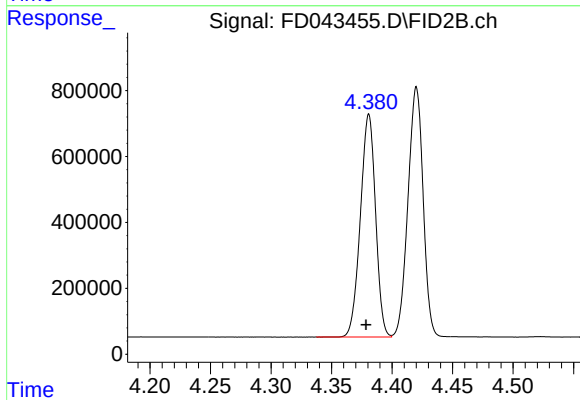
#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: 0.007 min
Response: 5195012
Conc: 37.06 ug/ml

Instrument :
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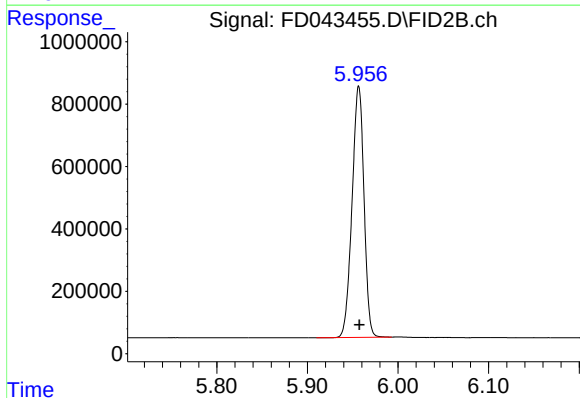
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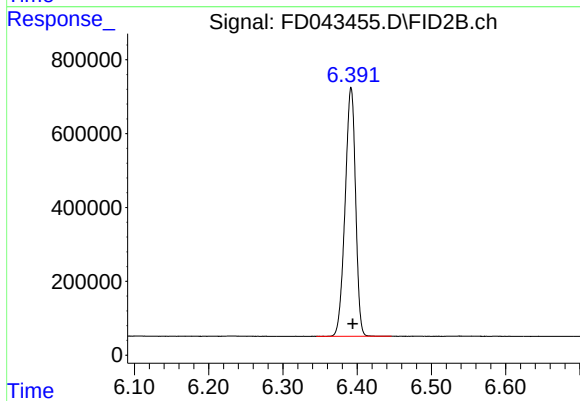
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: 0.002 min
Response: 5902573
Conc: 41.98 ug/ml



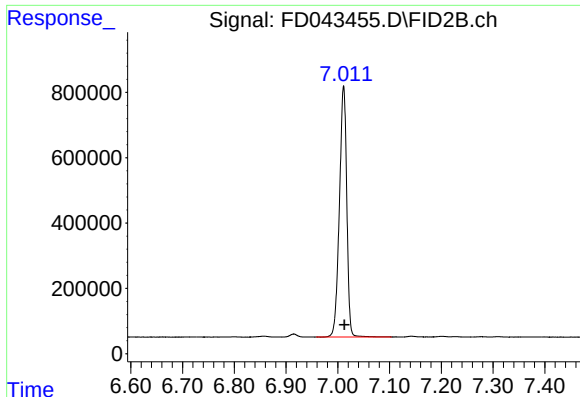
#3 A~Naphthalene (C11.7)

R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 7357014
Conc: 48.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.392 min
Delta R.T.: -0.002 min
Response: 6595402
Conc: 46.34 ug/ml



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

R.T.: 7.011 min
Delta R.T.: -0.002 min
Response: 7581711
Conc: 50.67 ug/ml

Instrument :

FID_D

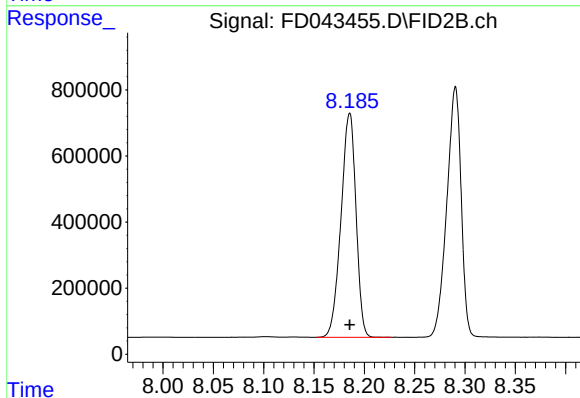
ClientSampleId :

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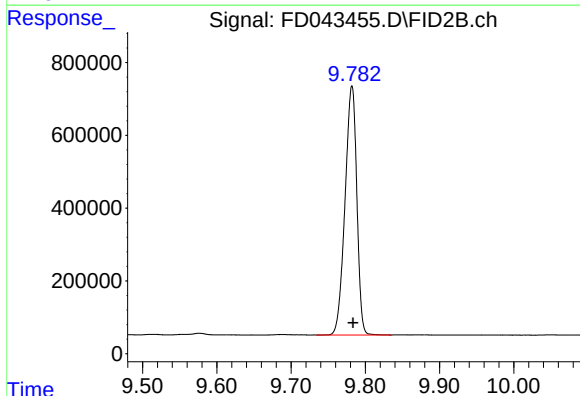
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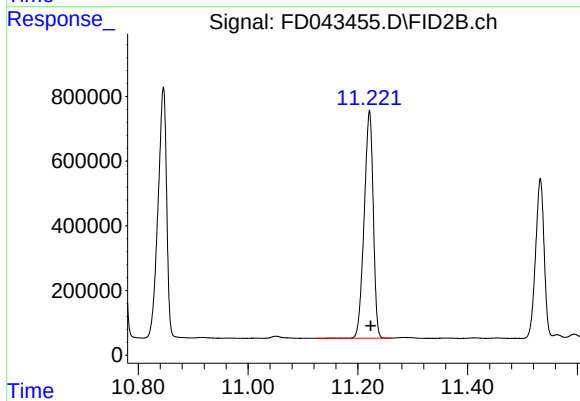
#6 n-Tetradecane (C14)

R.T.: 8.185 min
Delta R.T.: 0.000 min
Response: 7030297
Conc: 49.56 ug/ml



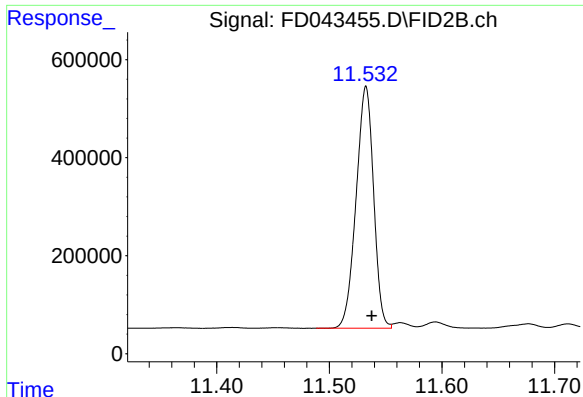
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: -0.001 min
Response: 7539035
Conc: 53.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.221 min
Delta R.T.: -0.002 min
Response: 8064867
Conc: 56.40 ug/ml



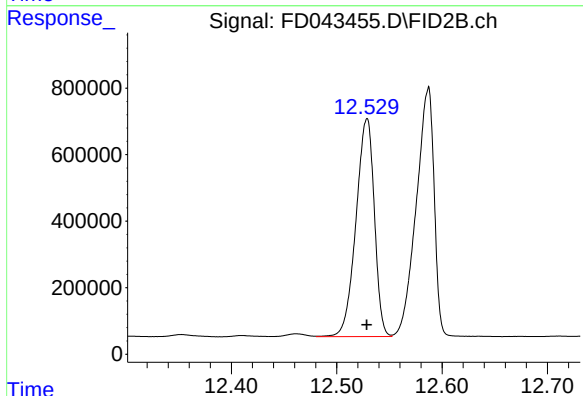
#9 ortho-Terphenyl (SURR)

R.T.: 11.533 min
Delta R.T.: -0.005 min
Response: 5324050
Conc: 33.63 ug/ml

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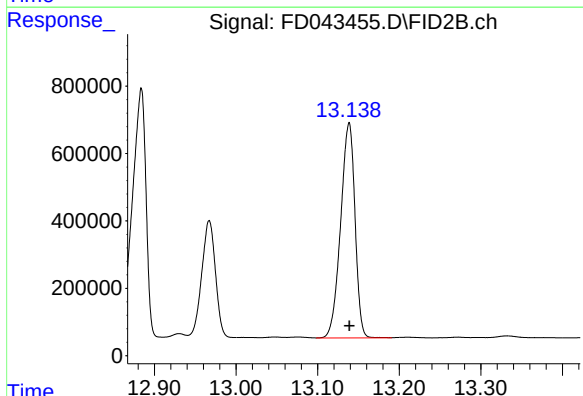
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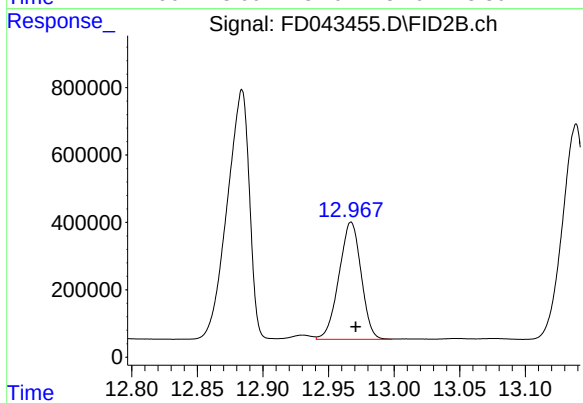
#10 n-Eicosane (C20)

R.T.: 12.529 min
Delta R.T.: 0.000 min
Response: 7929998
Conc: 54.77 ug/ml



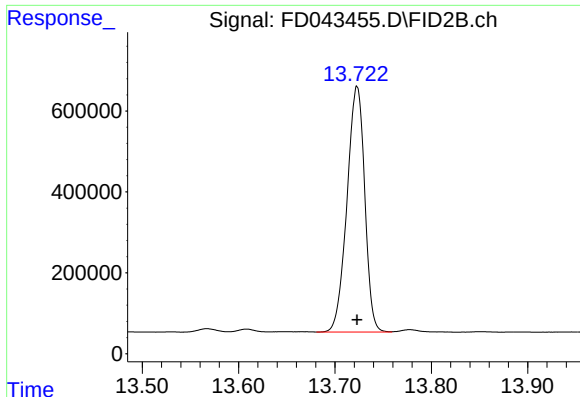
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: 0.000 min
Response: 7805267
Conc: 53.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.967 min
Delta R.T.: -0.003 min
Response: 4086979
Conc: 33.35 ug/ml



#13 n-Docosane (C22)

R.T.: 13.723 min
Delta R.T.: 0.000 min
Response: 7743002
Conc: 53.37 ug/ml

Instrument :

FID_D

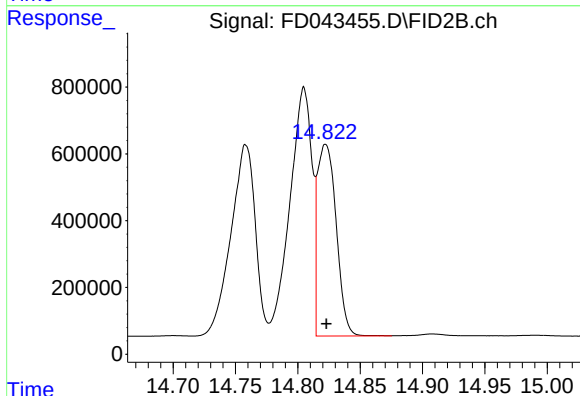
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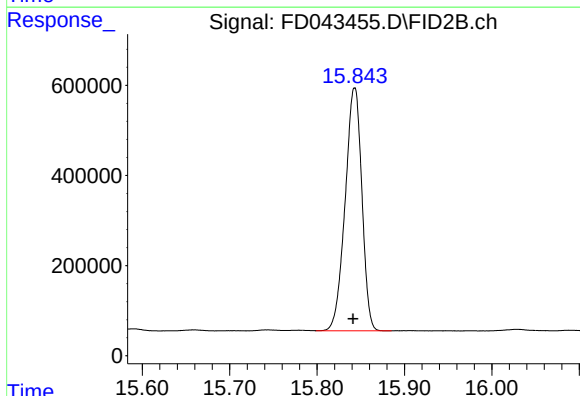
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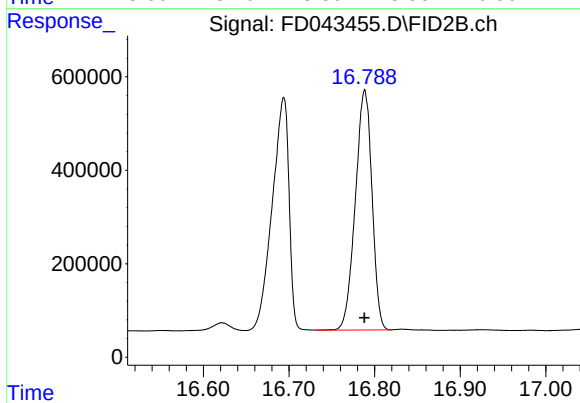
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: 0.000 min
Response: 6012821
Conc: 41.50 ug/ml



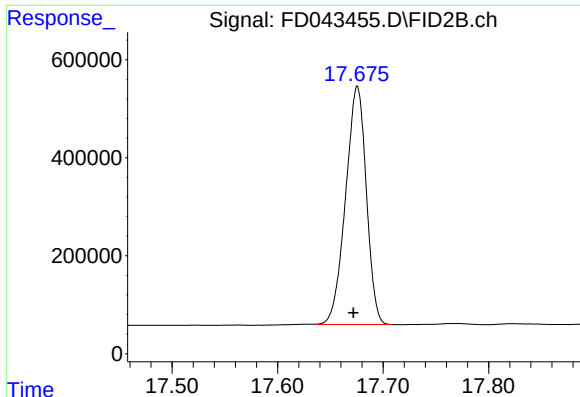
#15 n-Hexacosane (C26)

R.T.: 15.843 min
Delta R.T.: 0.002 min
Response: 7166816
Conc: 49.83 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.788 min
Delta R.T.: 0.000 min
Response: 6938171
Conc: 49.05 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.675 min
Delta R.T.: 0.003 min
Response: 6633394
Conc: 47.00 ug/ml

Instrument :

FID_D

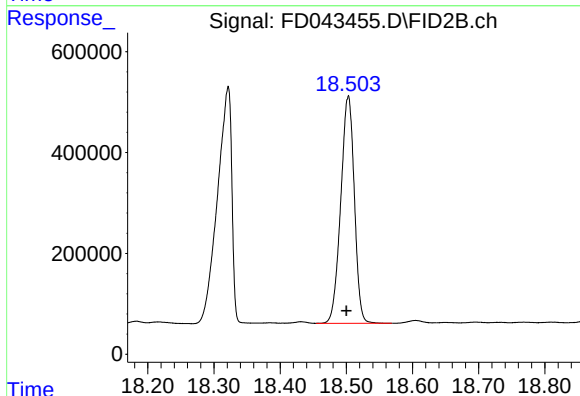
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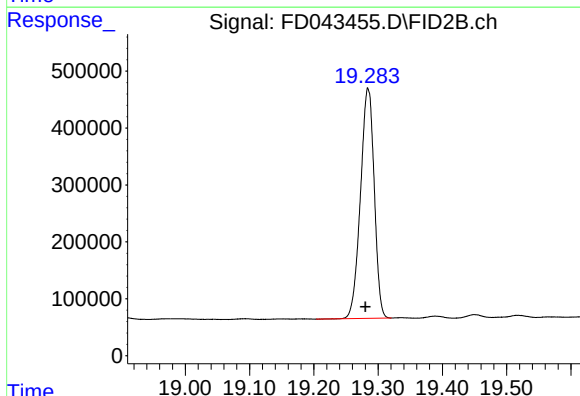
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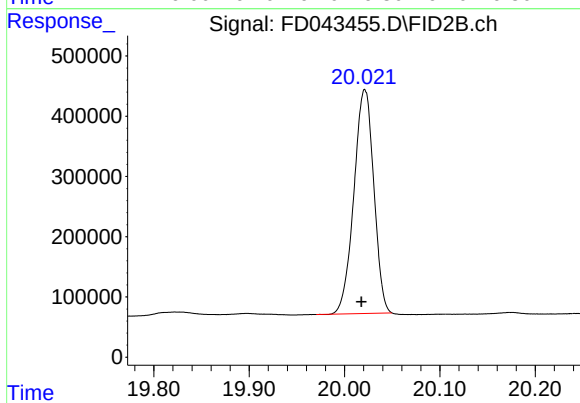
#18 n-Dotriacontane (C32)

R.T.: 18.503 min
Delta R.T.: 0.003 min
Response: 6440564
Conc: 46.57 ug/ml



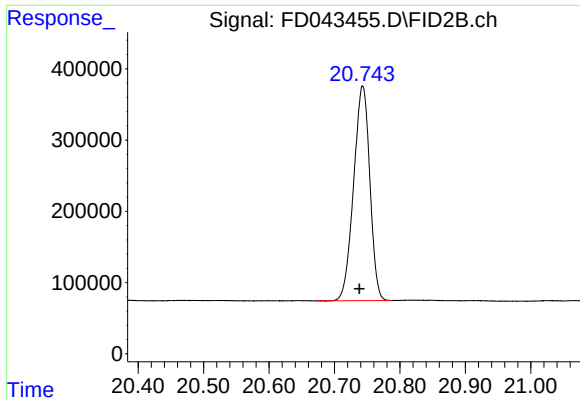
#19 n-Tetratriacontane (C34)

R.T.: 19.284 min
Delta R.T.: 0.004 min
Response: 6016989
Conc: 46.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.021 min
Delta R.T.: 0.003 min
Response: 5390072
Conc: 43.70 ug/ml



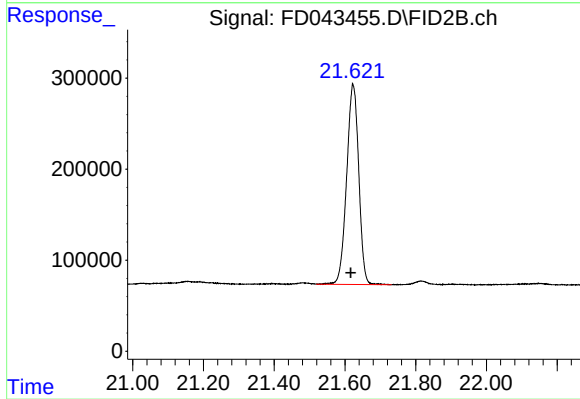
#21 n-Octatriacontane (C38)

R.T.: 20.743 min
Delta R.T.: 0.005 min
Response: 5183104
Conc: 43.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.623 min
Delta R.T.: 0.006 min
Response: 5232278
Conc: 46.27 ug/ml