

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080122AL\
 Data File : FD043456.D
 Signal(s) : FID2B.ch
 Acq On : 02 Aug 2022 03:45
 Operator : YP/AJ
 Sample : N3970-01MSD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MHB-UPPERMSD

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 07:11:05 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)	11.532	4877020	30.810 ug/ml
Spiked Amount 50.000		Recovery =	61.62%
12) S 1-chlorooctadecane (S...	12.967	3725117	30.394 ug/ml
Spiked Amount 50.000		Recovery =	60.79%
Target Compounds			
1) T n-Nonane (C9)	3.319	4761932	33.973 ug/ml
2) T n-Decane (C10)	4.380	5409484	38.473 ug/ml
3) T A~Naphthalene (C11.7)	5.956	6796057	44.727 ug/ml
4) T n-Dodecane (C12)	6.391	6040785	42.443 ug/ml
5) T A~2-methylnaphthalene...	7.011	6923009	46.269 ug/ml
6) T n-Tetradecane (C14)	8.184	6429670	45.327 ug/ml
7) T n-Hexadecane (C16)	9.780	6895912	48.621 ug/ml
8) T n-Octadecane (C18)	11.220	7377349	51.593 ug/ml
10) T n-Eicosane (C20)	12.528	7287581	50.332 ug/ml
11) T n-Heneicosane (C21)	13.137	7141651	49.170 ug/ml
13) T n-Docosane (C22)	13.723	7089229	48.865 ug/ml
14) T n-Tetracosane (C24)	14.823	5799557	40.032 ug/ml
15) T n-Hexacosane (C26)	15.842	6577192	45.726 ug/ml
16) T n-Octacosane (C28)	16.788	6372855	45.050 ug/ml
17) T n-Tricontane (C30)	17.675	6096767	43.195 ug/mlm
18) T n-Dotriacontane (C32)	18.503	5911840	42.751 ug/ml
19) T n-Tetratriacontane (C34)	19.284	5544989	43.090 ug/ml
20) T n-Hexatriacontane (C36)	20.020	4977981	40.358 ug/ml
21) T n-Octatriacontane (C38)	20.741	4793335	40.536 ug/ml
22) T n-Tetracontane (C40)	21.622	4874681	43.111 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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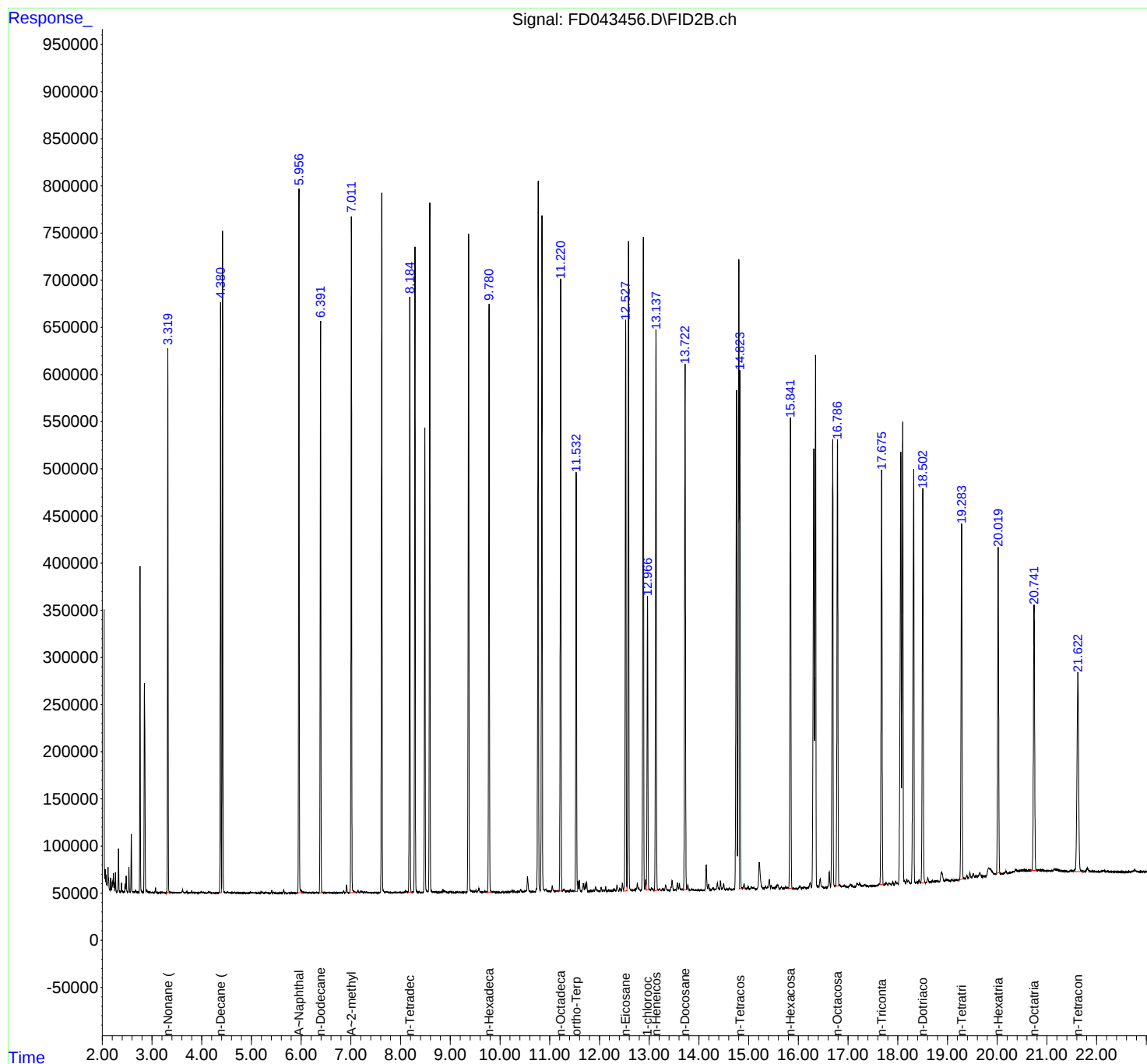
Reviewed By :Yogesh
Patel

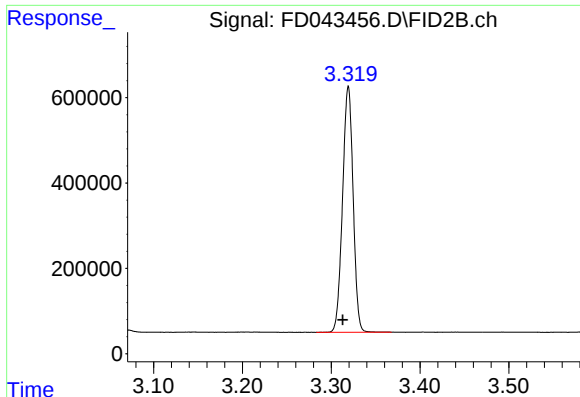
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#1 n-Nonane (C9)

R.T.: 3.319 min
Delta R.T.: 0.006 min
Response: 4761932
Conc: 33.97 ug/ml

Instrument :

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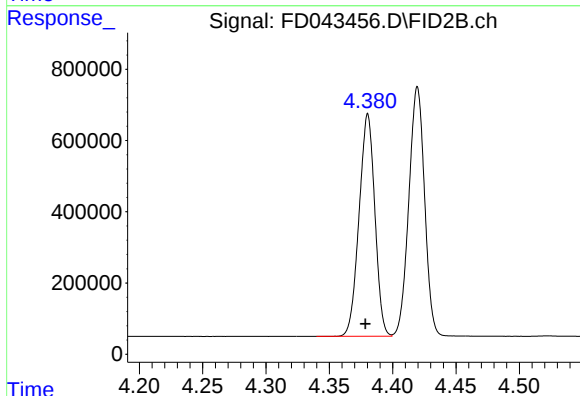
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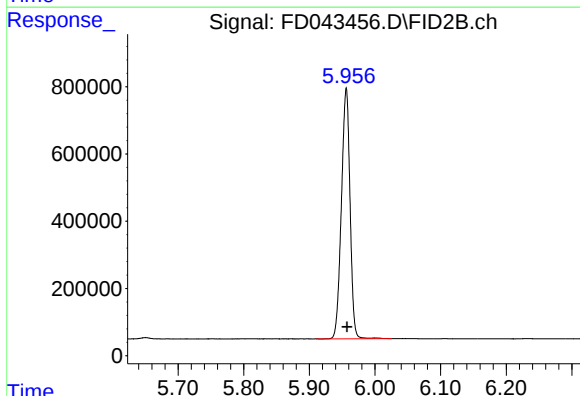
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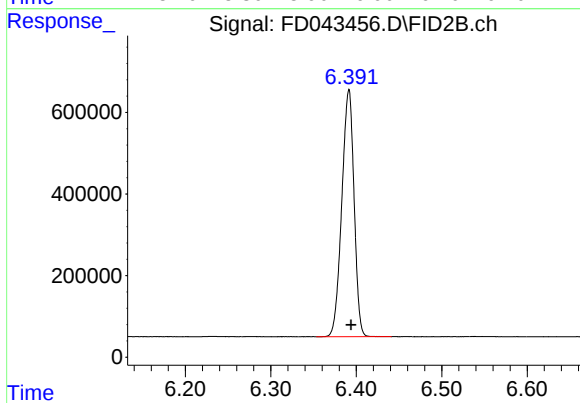
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: 0.002 min
Response: 5409484
Conc: 38.47 ug/ml



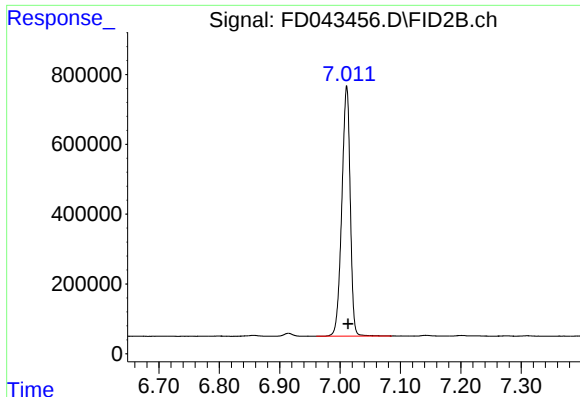
#3 A~Naphthalene (C11.7)

R.T.: 5.956 min
Delta R.T.: -0.001 min
Response: 6796057
Conc: 44.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.391 min
Delta R.T.: -0.003 min
Response: 6040785
Conc: 42.44 ug/ml



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

R.T.: 7.011 min
Delta R.T.: -0.002 min
Response: 6923009
Conc: 46.27 ug/ml

Instrument :

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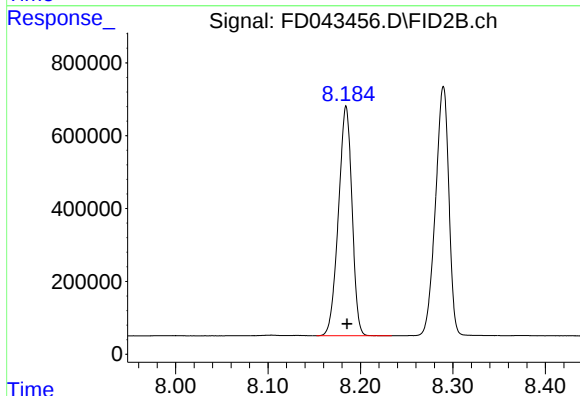
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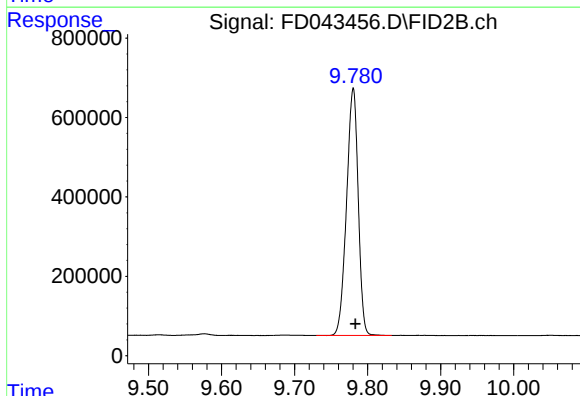
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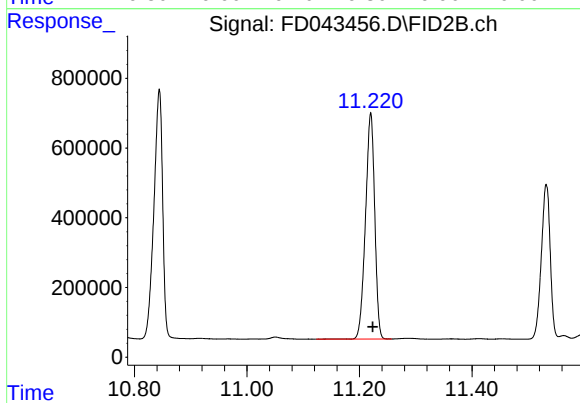
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: 0.000 min
Response: 6429670
Conc: 45.33 ug/ml



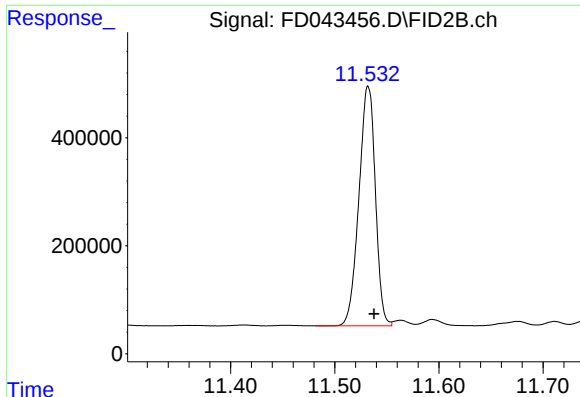
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.003 min
Response: 6895912
Conc: 48.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.220 min
Delta R.T.: -0.004 min
Response: 7377349
Conc: 51.59 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.532 min
Delta R.T.: -0.006 min
Response: 4877020
Conc: 30.81 ug/ml

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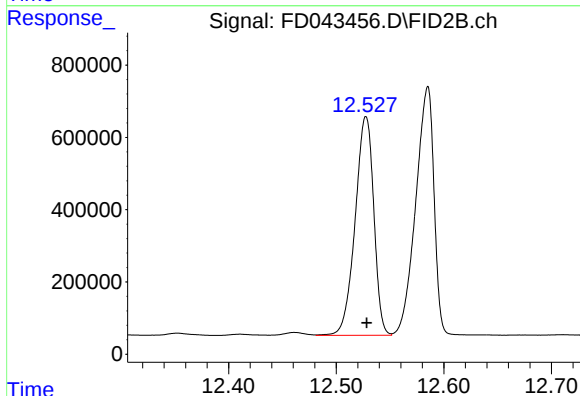
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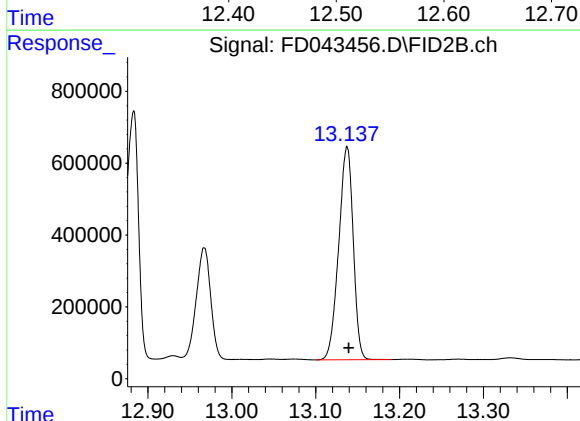
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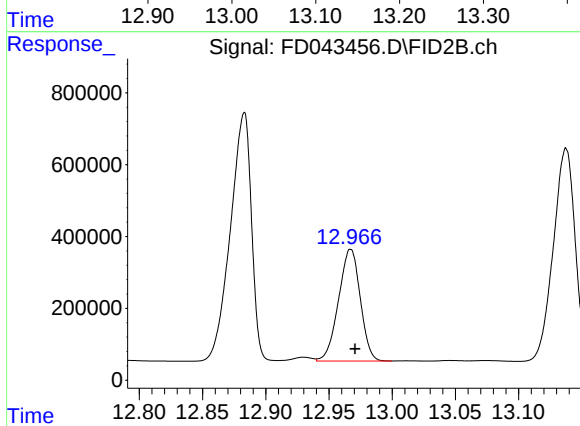
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: 0.000 min
Response: 7287581
Conc: 50.33 ug/ml



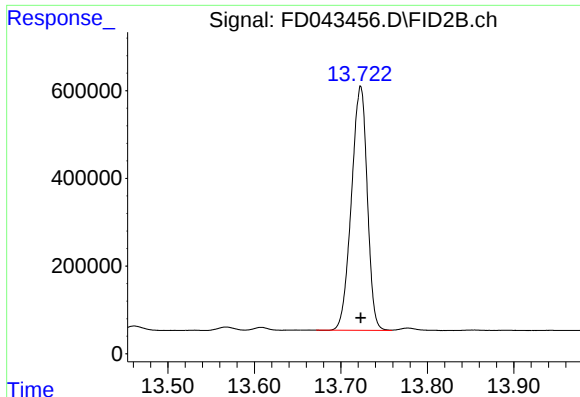
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: -0.002 min
Response: 7141651
Conc: 49.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.967 min
Delta R.T.: -0.004 min
Response: 3725117
Conc: 30.39 ug/ml



#13 n-Docosane (C22)

R.T.: 13.723 min
Delta R.T.: 0.000 min
Response: 7089229
Conc: 48.87 ug/ml

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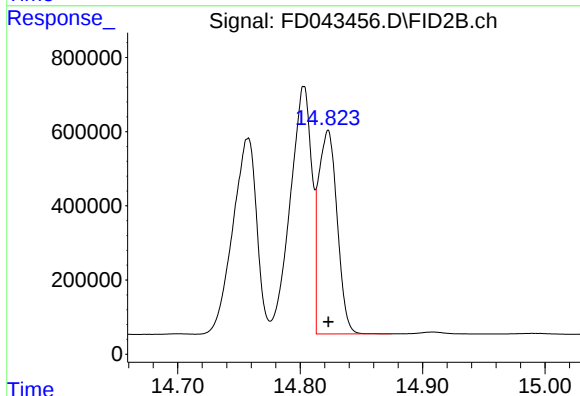
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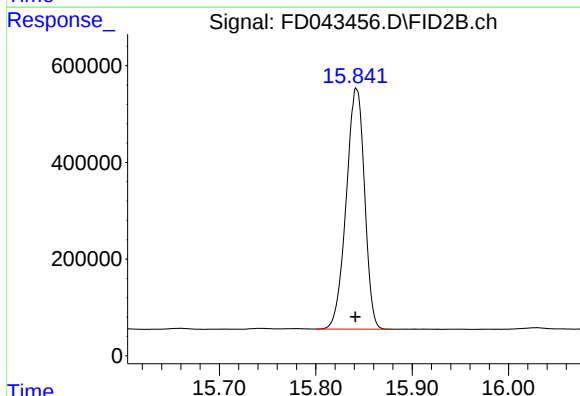
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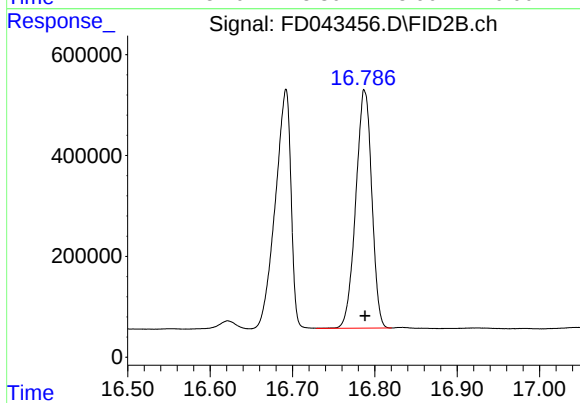
#14 n-Tetracosane (C24)

R.T.: 14.823 min
Delta R.T.: 0.000 min
Response: 5799557
Conc: 40.03 ug/ml



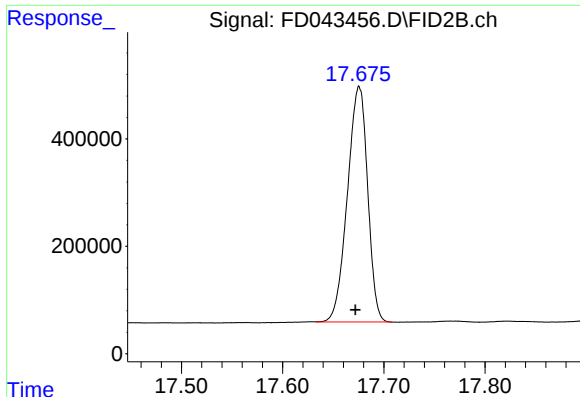
#15 n-Hexacosane (C26)

R.T.: 15.842 min
Delta R.T.: 0.001 min
Response: 6577192
Conc: 45.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.788 min
Delta R.T.: 0.000 min
Response: 6372855
Conc: 45.05 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.675 min
Delta R.T.: 0.003 min
Response: 6096767
Conc: 43.20 ug/ml

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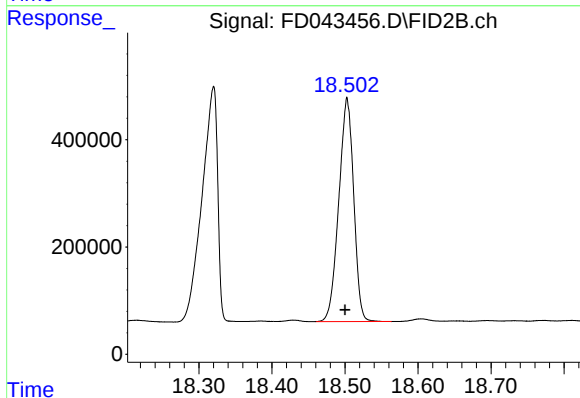
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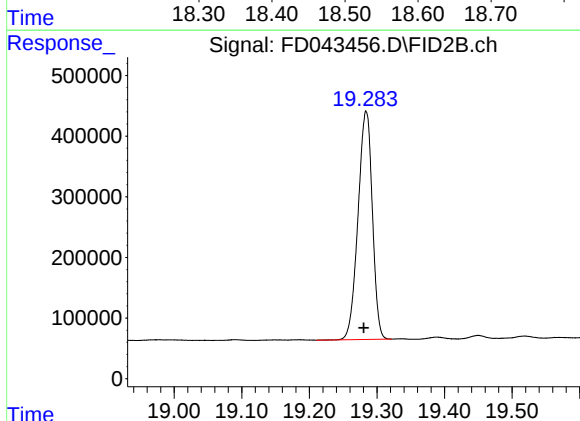
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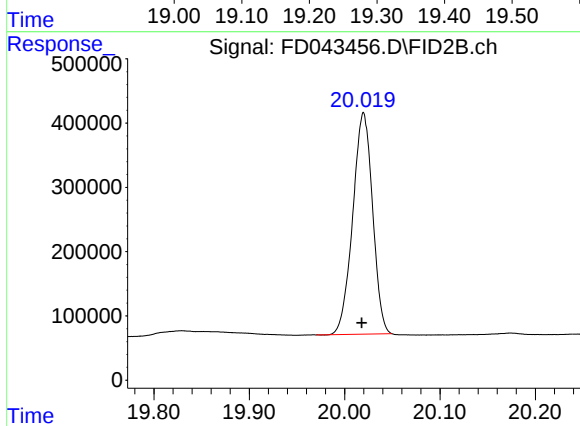
#18 n-Dotriacontane (C32)

R.T.: 18.503 min
Delta R.T.: 0.003 min
Response: 5911840
Conc: 42.75 ug/ml



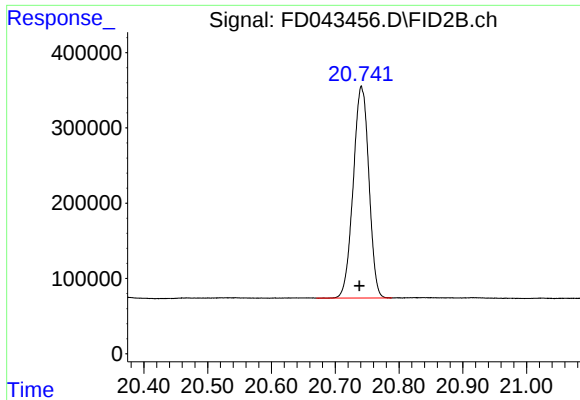
#19 n-Tetratriacontane (C34)

R.T.: 19.284 min
Delta R.T.: 0.004 min
Response: 5544989
Conc: 43.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.020 min
Delta R.T.: 0.002 min
Response: 4977981
Conc: 40.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.741 min
Delta R.T.: 0.003 min
Response: 4793335
Conc: 40.54 ug/ml

Instrument :

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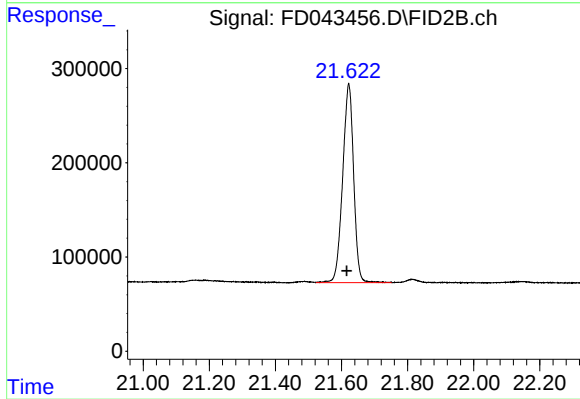
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#22 n-Tetracontane (C40)

R.T.: 21.622 min
Delta R.T.: 0.006 min
Response: 4874681
Conc: 43.11 ug/ml