

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102622AL\
 Data File : FD044272.D
 Signal(s) : FID2B.ch
 Acq On : 27 Oct 2022 06:01
 Operator : YP/AJ
 Sample : PB148562BS
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB148562BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/27/2022

Supervised By :Ankita Jodhani 10/27/2022

Integration File: autoint1.e

Quant Time: Oct 27 07:30:04 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)	11.299	6565993	41.714 ug/ml
Spiked Amount 50.000		Recovery =	83.43%
12) S 1-chlorooctadecane (S...	12.715	5530623	43.976 ug/ml
Spiked Amount 50.000		Recovery =	87.95%
Target Compounds			
1) T n-Nonane (C9)	3.157	6135861	45.442 ug/ml
2) T n-Decane (C10)	4.194	6264042	46.624 ug/ml
3) T A~Naphthalene (C11.7)	5.756	6553672	49.050 ug/mlm
4) T n-Dodecane (C12)	6.181	6628691	47.704 ug/ml
5) T A~2-methylnaphthalene...	6.800	6233267	47.938 ug/mlm
6) T n-Tetradecane (C14)	7.960	6686677	48.029 ug/ml
7) T n-Hexadecane (C16)	9.547	6717513	47.624 ug/ml
8) T n-Octadecane (C18)	10.977	6757302	46.471 ug/ml
10) T n-Eicosane (C20)	12.276	6478474	43.689 ug/ml
11) T n-Heneicosane (C21)	12.882	6374990	42.491 ug/ml
13) T n-Docosane (C22)	13.462	6255777	41.609 ug/ml
14) T n-Tetracosane (C24)	14.551	11240276	74.471 ug/ml
15) T n-Hexacosane (C26)	15.566	5687929	37.566 ug/ml
16) T n-Octacosane (C28)	16.504	5588276	37.092 ug/ml
17) T n-Tricontane (C30)	17.383	5140062	33.535 ug/ml
18) T n-Dotriacontane (C32)	18.205	4951308	32.286 ug/ml
19) T n-Tetratriacontane (C34)	18.979	4522689	30.721 ug/ml
20) T n-Hexatriacontane (C36)	19.709	3840440	26.194 ug/ml
21) T n-Octatriacontane (C38)	20.400	3366924	24.134 ug/ml
22) T n-Tetracontane (C40)	21.157	3062477	23.547 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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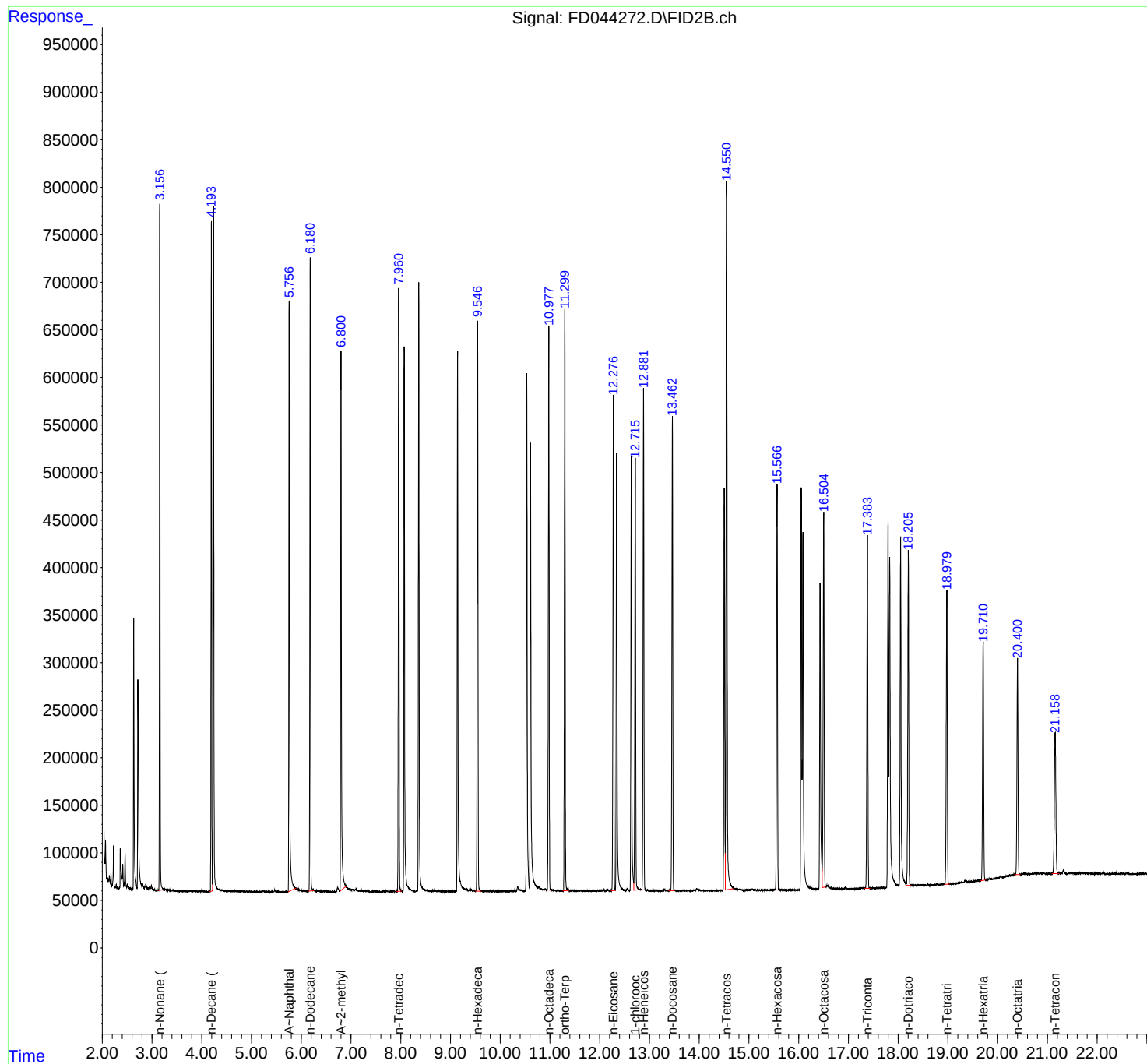
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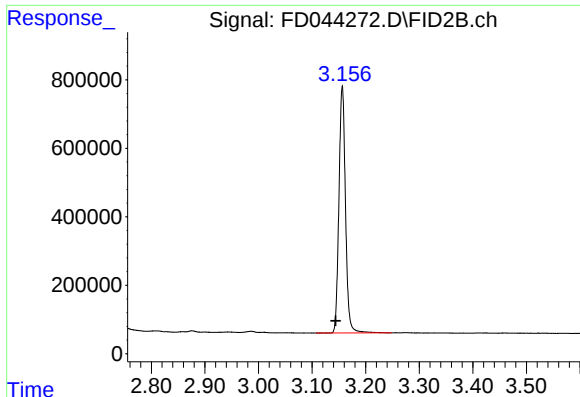
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.157 min
Delta R.T.: 0.013 min
Response: 6135861
Conc: 45.44 ug/ml

Instrument :

FID_D

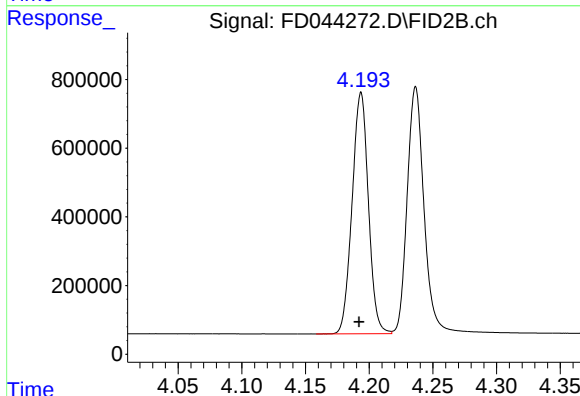
ClientSampleId :

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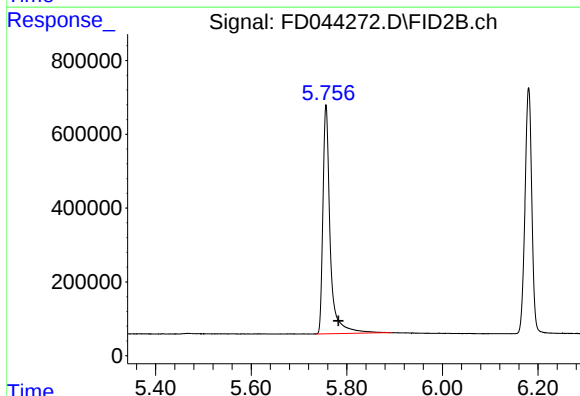
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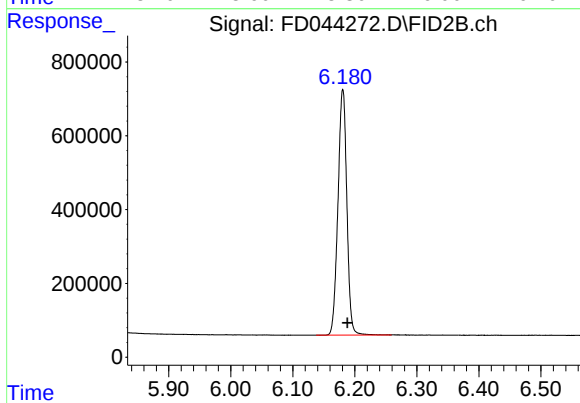
#2 n-Decane (C10)

R.T.: 4.194 min
Delta R.T.: 0.002 min
Response: 6264042
Conc: 46.62 ug/ml



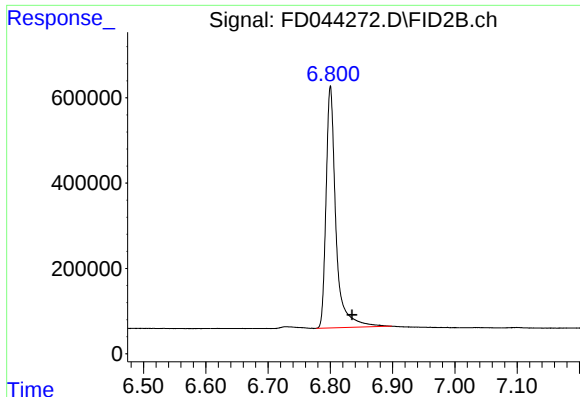
#3 A~Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: -0.027 min
Response: 6553672
Conc: 49.05 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.181 min
Delta R.T.: -0.007 min
Response: 6628691
Conc: 47.70 ug/ml



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

R.T.: 6.800 min
Delta R.T.: -0.035 min
Response: 6233267
Conc: 47.94 ug/ml

Instrument :

FID_D

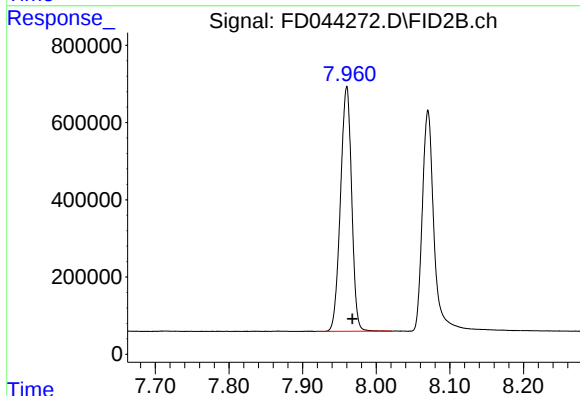
ClientSampleId :

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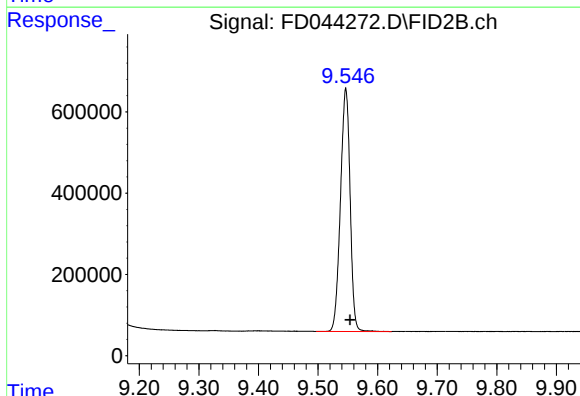
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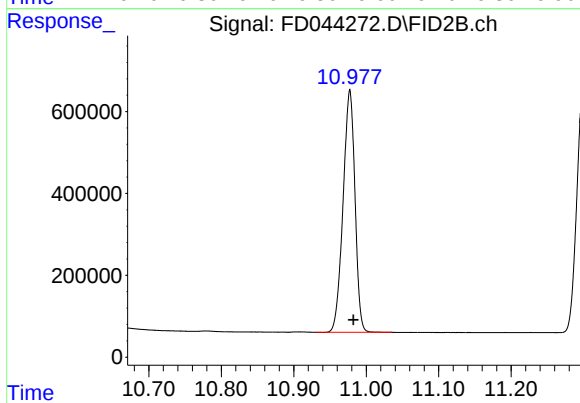
#6 n-Tetradecane (C14)

R.T.: 7.960 min
Delta R.T.: -0.008 min
Response: 6686677
Conc: 48.03 ug/ml



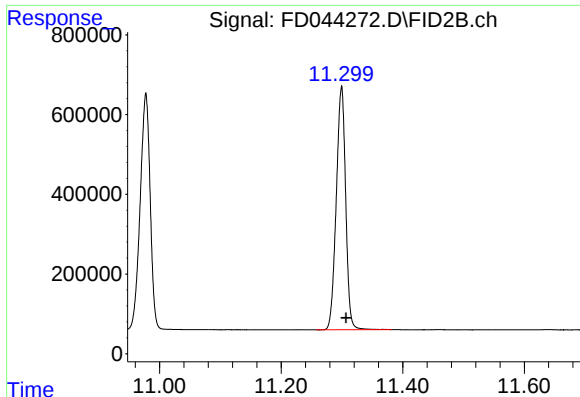
#7 n-Hexadecane (C16)

R.T.: 9.547 min
Delta R.T.: -0.007 min
Response: 6717513
Conc: 47.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.977 min
Delta R.T.: -0.005 min
Response: 6757302
Conc: 46.47 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.299 min
Delta R.T.: -0.007 min
Response: 6565993
Conc: 41.71 ug/ml

Instrument :

FID_D

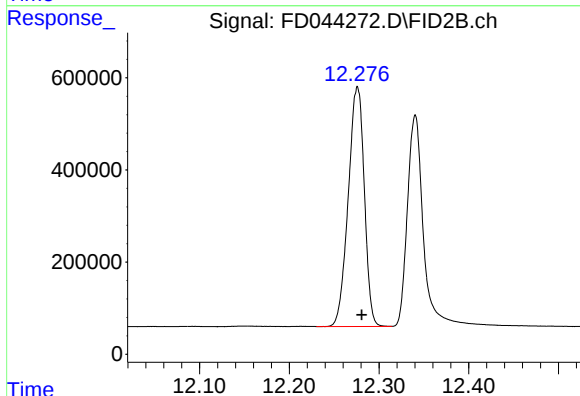
ClientSampleId :

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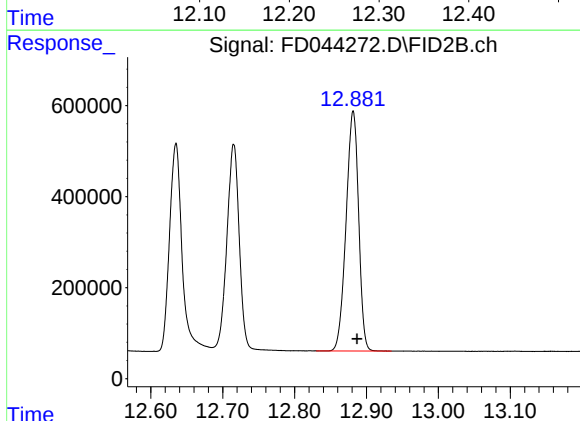
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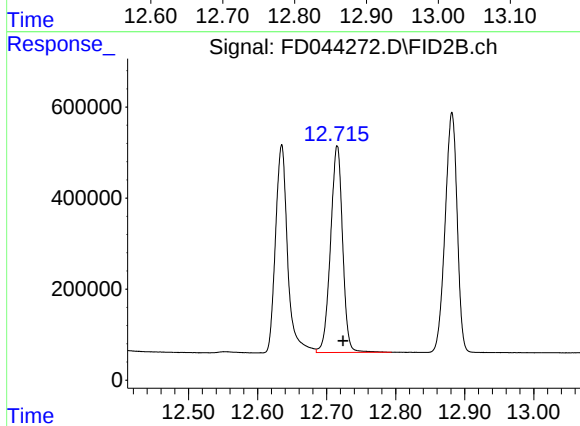
#10 n-Eicosane (C20)

R.T.: 12.276 min
Delta R.T.: -0.005 min
Response: 6478474
Conc: 43.69 ug/ml



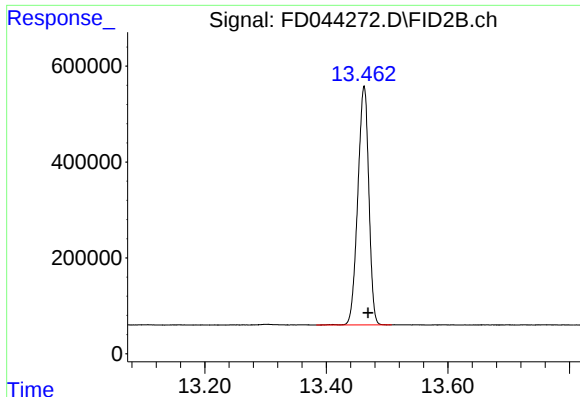
#11 n-Heneicosane (C21)

R.T.: 12.882 min
Delta R.T.: -0.005 min
Response: 6374990
Conc: 42.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.715 min
Delta R.T.: -0.008 min
Response: 5530623
Conc: 43.98 ug/ml



#13 n-Docosane (C22)

R.T.: 13.462 min
Delta R.T.: -0.006 min
Response: 6255777
Conc: 41.61 ug/ml

Instrument :

FID_D

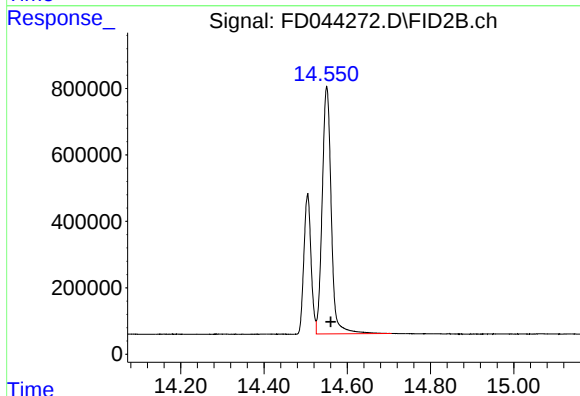
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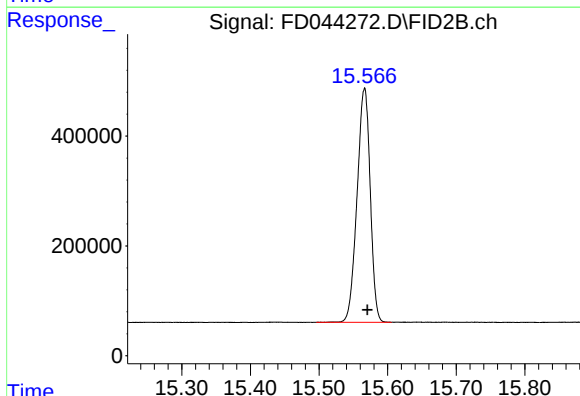
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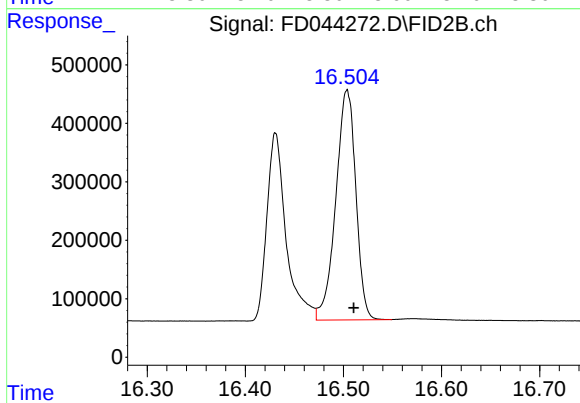
#14 n-Tetracosane (C24)

R.T.: 14.551 min
Delta R.T.: -0.010 min
Response: 11240276
Conc: 74.47 ug/ml



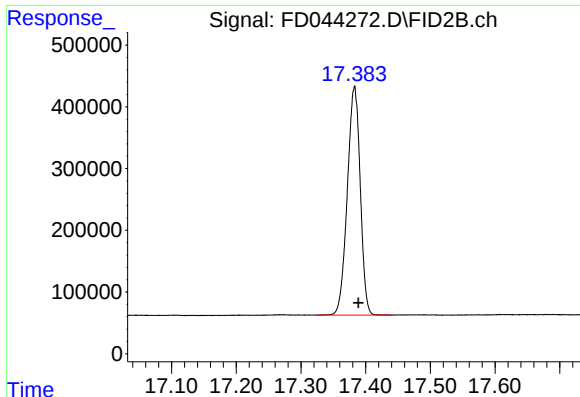
#15 n-Hexacosane (C26)

R.T.: 15.566 min
Delta R.T.: -0.004 min
Response: 5687929
Conc: 37.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.504 min
Delta R.T.: -0.007 min
Response: 5588276
Conc: 37.09 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.383 min
Delta R.T.: -0.006 min
Response: 5140062
Conc: 33.54 ug/ml

Instrument :

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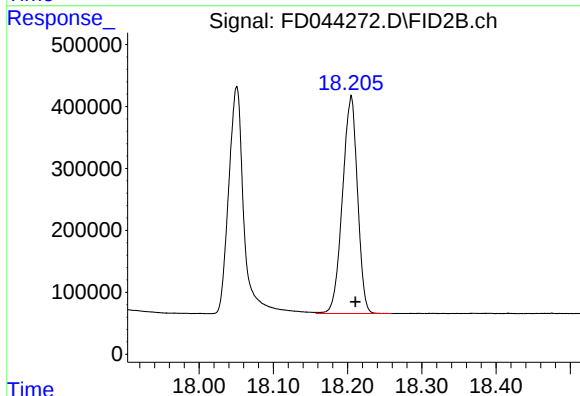
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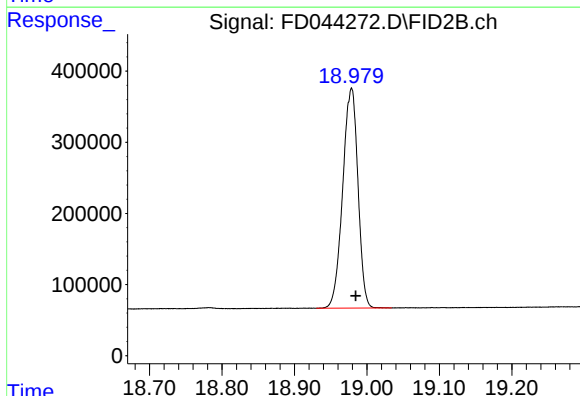
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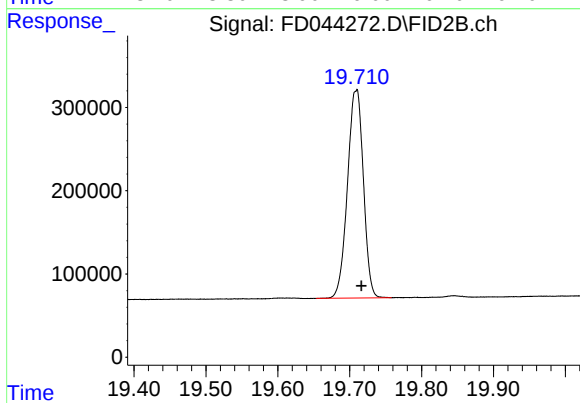
#18 n-Dotriacontane (C32)

R.T.: 18.205 min
Delta R.T.: -0.005 min
Response: 4951308
Conc: 32.29 ug/ml



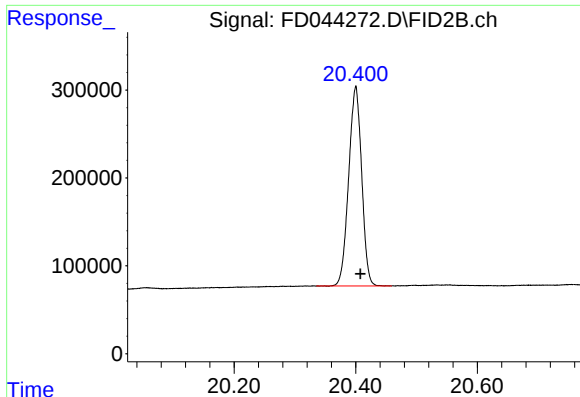
#19 n-Tetratriacontane (C34)

R.T.: 18.979 min
Delta R.T.: -0.006 min
Response: 4522689
Conc: 30.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.709 min
Delta R.T.: -0.007 min
Response: 3840440
Conc: 26.19 ug/ml



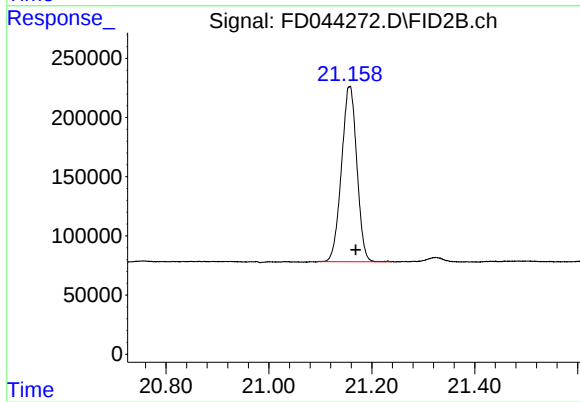
#21 n-Octatriacontane (C38)

R.T.: 20.400 min
Delta R.T.: -0.007 min
Response: 3366924
Conc: 24.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.157 min
Delta R.T.: -0.011 min
Response: 3062477
Conc: 23.55 ug/ml