

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102622AL\
 Data File : FD044273.D
 Signal(s) : FID2B.ch
 Acq On : 27 Oct 2022 06:44
 Operator : YP/AJ
 Sample : PB148562BSD
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB148562BSD

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 07:30:12 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	6603767	41.954 ug/ml
Spiked Amount 50.000		Recovery =	83.91%
12) S 1-chlorooctadecane (S...	12.716	5551466	44.142 ug/ml
Spiked Amount 50.000		Recovery =	88.28%
Target Compounds			
1) T n-Nonane (C9)	3.156	6168625	45.685 ug/ml
2) T n-Decane (C10)	4.193	6297347	46.872 ug/ml
3) T A~Naphthalene (C11.7)	5.756	6578215	49.234 ug/mlm
4) T n-Dodecane (C12)	6.180	6673895	48.029 ug/ml
5) T A~2-methylnaphthalene...	6.800	6303835	48.481 ug/mlm
6) T n-Tetradecane (C14)	7.960	6739153	48.406 ug/ml
7) T n-Hexadecane (C16)	9.547	6751243	47.864 ug/ml
8) T n-Octadecane (C18)	10.977	6799165	46.759 ug/ml
10) T n-Eicosane (C20)	12.275	6511726	43.913 ug/ml
11) T n-Heneicosane (C21)	12.881	6415463	42.761 ug/ml
13) T n-Docosane (C22)	13.462	6267202	41.685 ug/ml
14) T n-Tetracosane (C24)	14.550	11274565	74.699 ug/ml
15) T n-Hexacosane (C26)	15.565	5708718	37.703 ug/ml
16) T n-Octacosane (C28)	16.504	5619062	37.297 ug/ml
17) T n-Tricontane (C30)	17.384	5164194	33.693 ug/ml
18) T n-Dotriacontane (C32)	18.204	4970382	32.411 ug/ml
19) T n-Tetratriacontane (C34)	18.978	4554817	30.939 ug/ml
20) T n-Hexatriacontane (C36)	19.708	3803177	25.940 ug/ml
21) T n-Octatriacontane (C38)	20.399	3250529	23.300 ug/ml
22) T n-Tetracontane (C40)	21.157	2776876	21.351 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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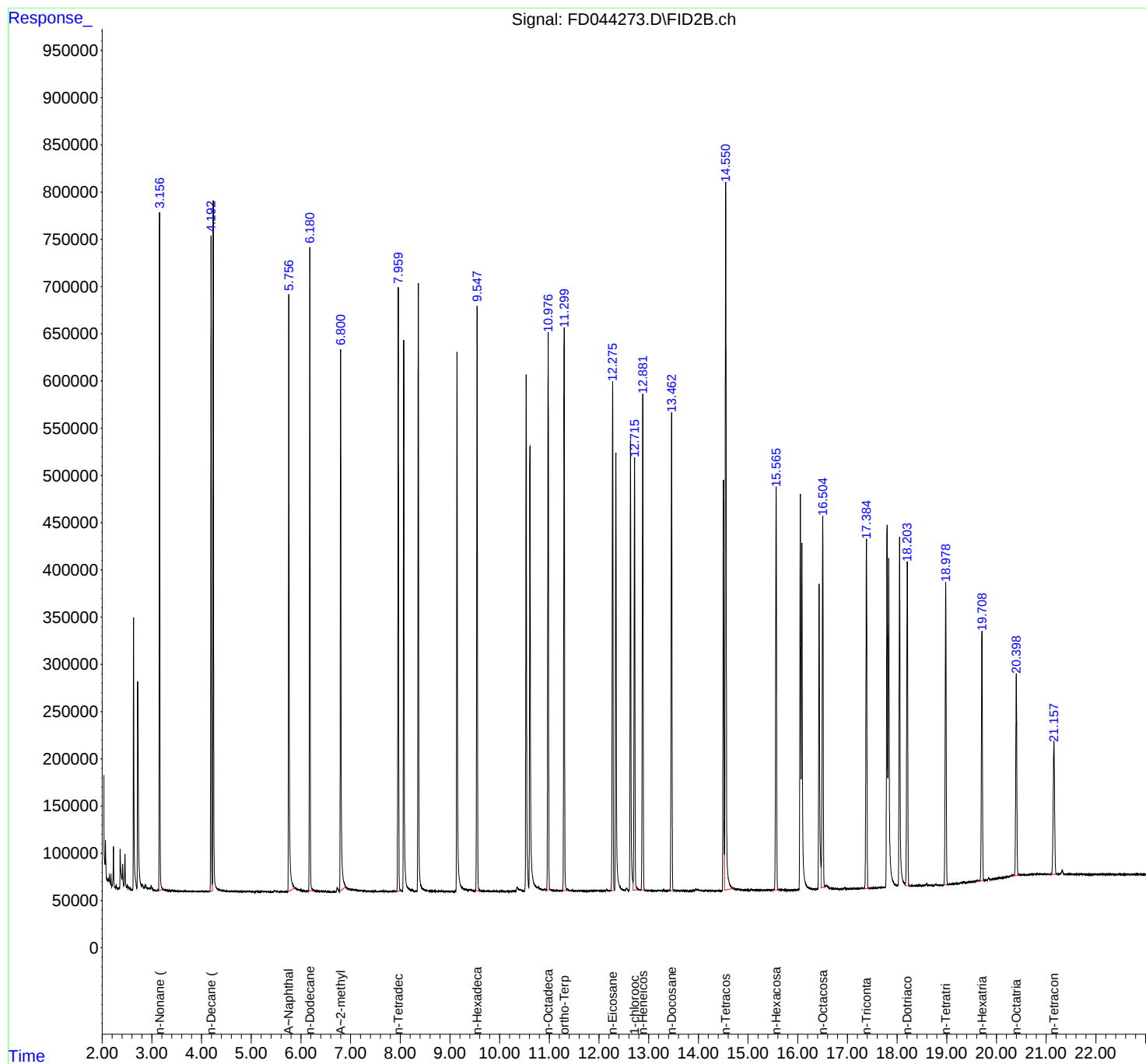
Instrument :
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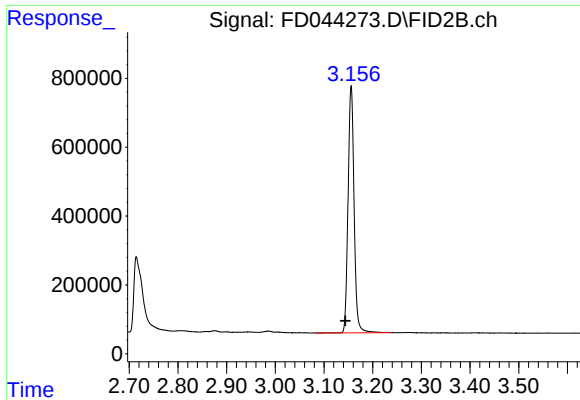
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.156 min
Delta R.T.: 0.012 min
Response: 6168625
Conc: 45.68 ug/ml

Instrument :

FID_D

ClientSampleId :

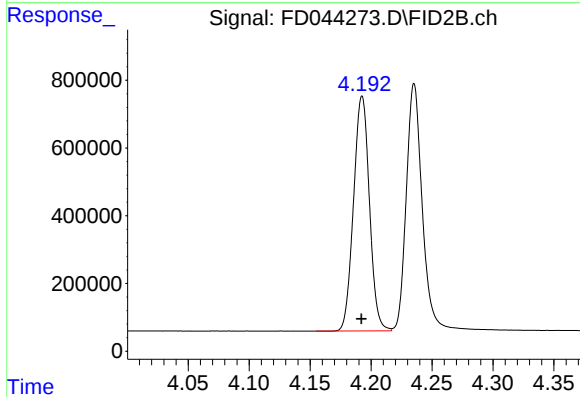
PB148562BSD

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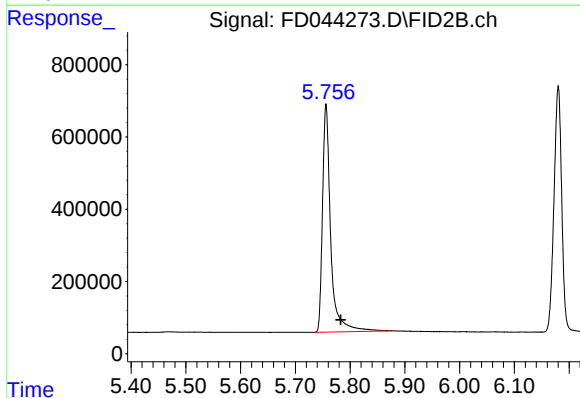
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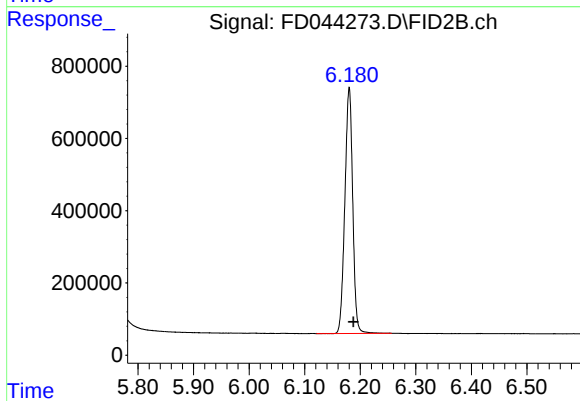
#2 n-Decane (C10)

R.T.: 4.193 min
Delta R.T.: 0.000 min
Response: 6297347
Conc: 46.87 ug/ml



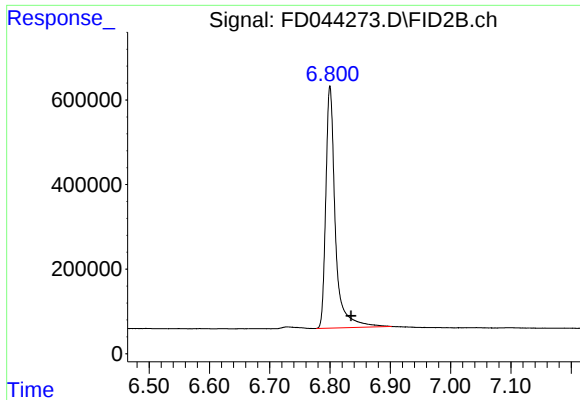
#3 A~Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: -0.027 min
Response: 6578215
Conc: 49.23 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.180 min
Delta R.T.: -0.008 min
Response: 6673895
Conc: 48.03 ug/ml



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

R.T.: 6.800 min
Delta R.T.: -0.035 min
Response: 6303835
Conc: 48.48 ug/ml

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FID_D

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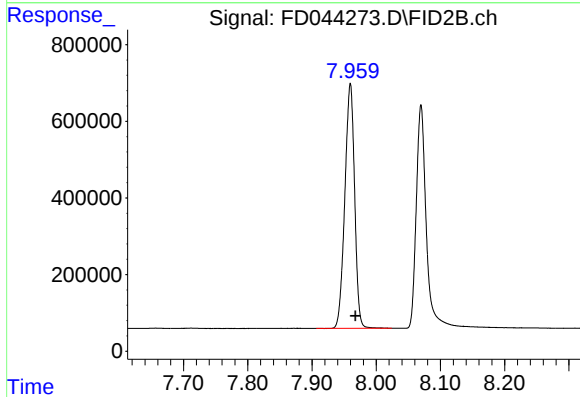
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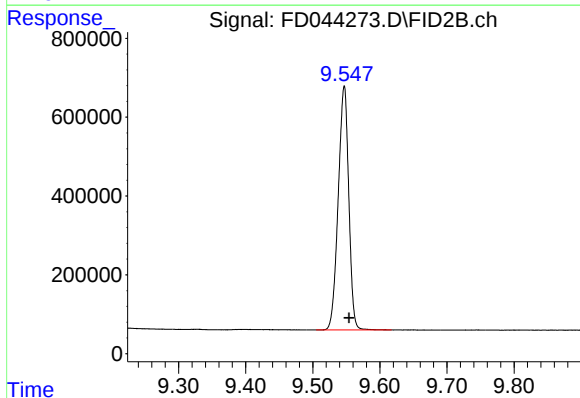
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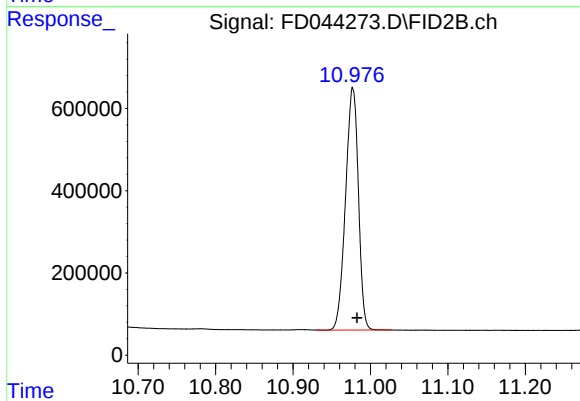
#6 n-Tetradecane (C14)

R.T.: 7.960 min
Delta R.T.: -0.008 min
Response: 6739153
Conc: 48.41 ug/ml



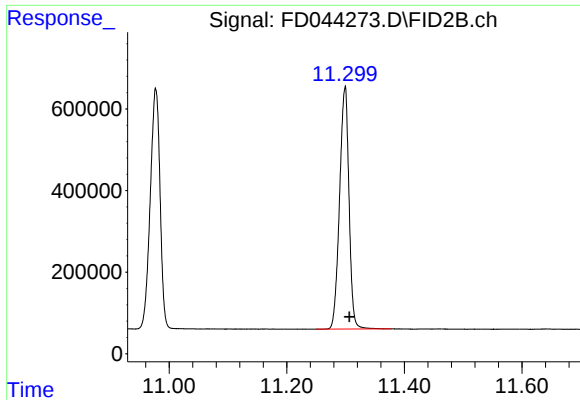
#7 n-Hexadecane (C16)

R.T.: 9.547 min
Delta R.T.: -0.007 min
Response: 6751243
Conc: 47.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.977 min
Delta R.T.: -0.005 min
Response: 6799165
Conc: 46.76 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.299 min
Delta R.T.: -0.008 min
Response: 6603767
Conc: 41.95 ug/ml

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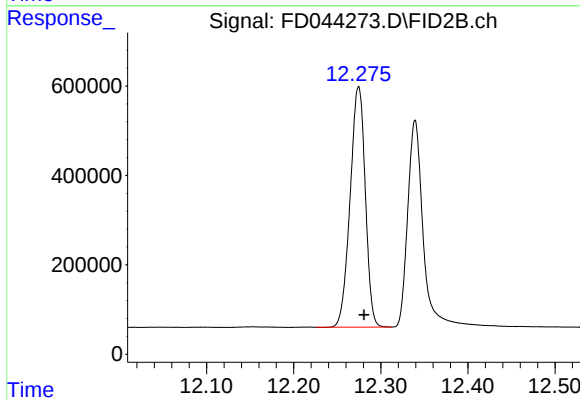
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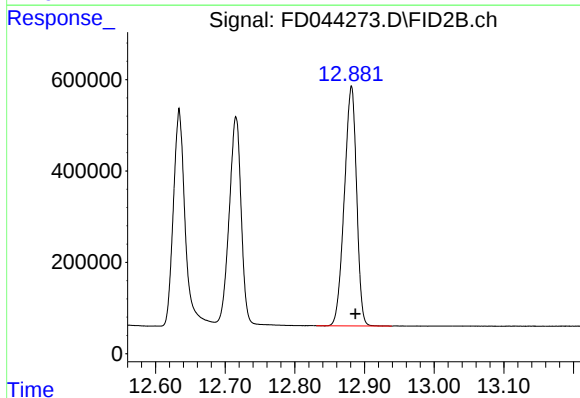
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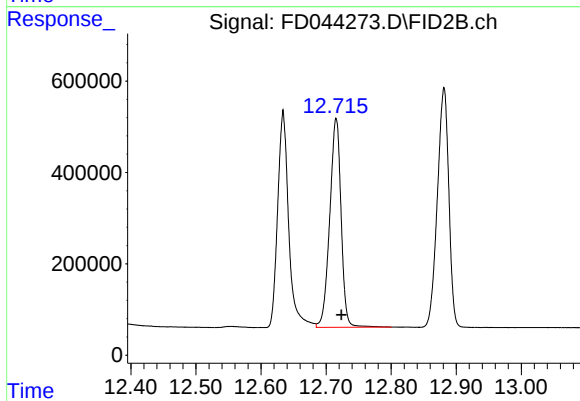
#10 n-Eicosane (C20)

R.T.: 12.275 min
Delta R.T.: -0.006 min
Response: 6511726
Conc: 43.91 ug/ml



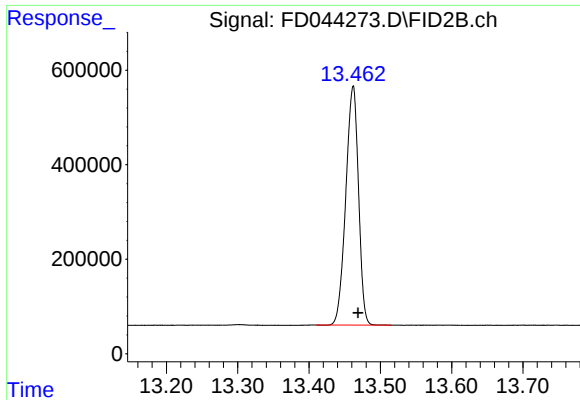
#11 n-Heneicosane (C21)

R.T.: 12.881 min
Delta R.T.: -0.006 min
Response: 6415463
Conc: 42.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.716 min
Delta R.T.: -0.008 min
Response: 5551466
Conc: 44.14 ug/ml



#13 n-Docosane (C22)

R.T.: 13.462 min
Delta R.T.: -0.007 min
Response: 6267202
Conc: 41.69 ug/ml

Instrument :

FID_D

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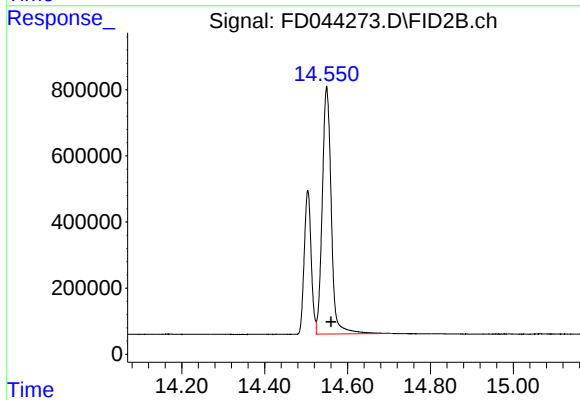
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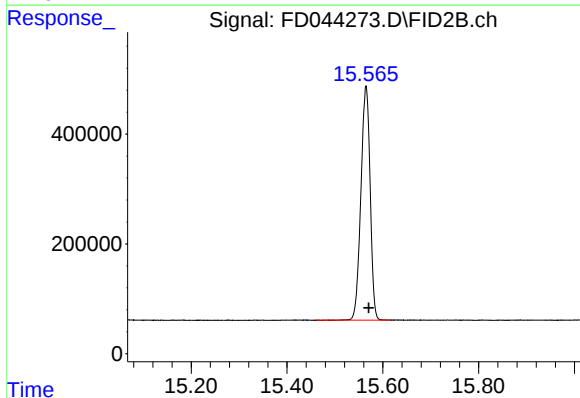
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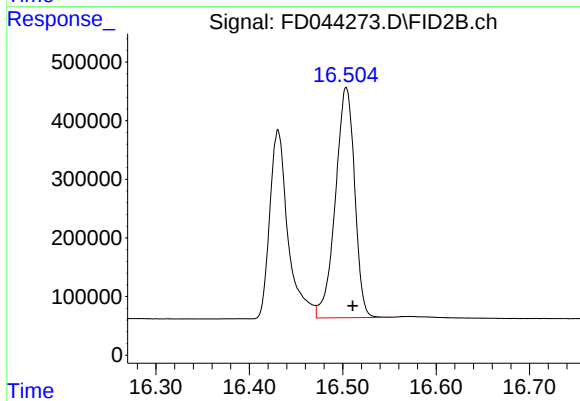
#14 n-Tetracosane (C24)

R.T.: 14.550 min
Delta R.T.: -0.011 min
Response: 11274565
Conc: 74.70 ug/ml



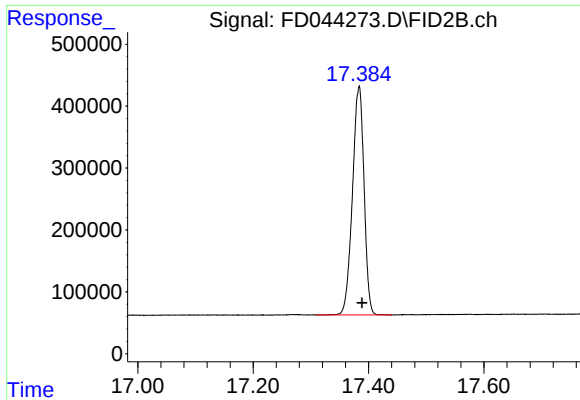
#15 n-Hexacosane (C26)

R.T.: 15.565 min
Delta R.T.: -0.006 min
Response: 5708718
Conc: 37.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.504 min
Delta R.T.: -0.007 min
Response: 5619062
Conc: 37.30 ug/ml



#17 n-Tricontane (C30)

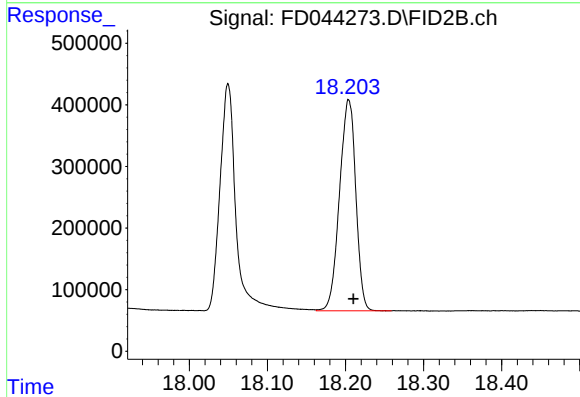
R.T.: 17.384 min
Delta R.T.: -0.005 min
Response: 5164194
Conc: 33.69 ug/ml

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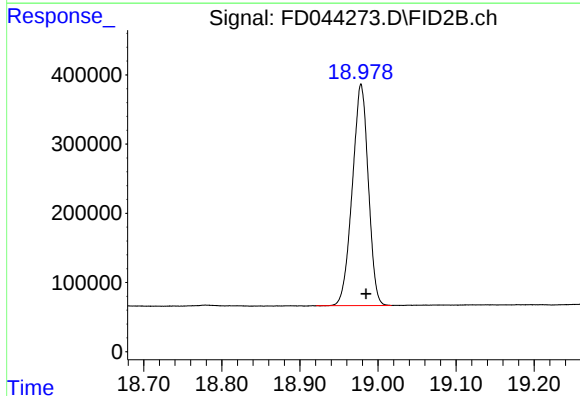
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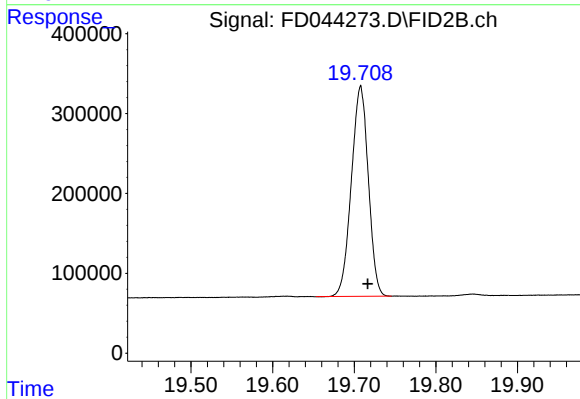
#18 n-Dotriacontane (C32)

R.T.: 18.204 min
Delta R.T.: -0.006 min
Response: 4970382
Conc: 32.41 ug/ml



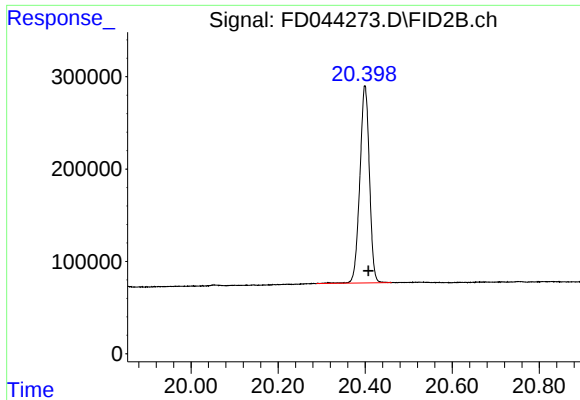
#19 n-Tetratriacontane (C34)

R.T.: 18.978 min
Delta R.T.: -0.006 min
Response: 4554817
Conc: 30.94 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.708 min
Delta R.T.: -0.009 min
Response: 3803177
Conc: 25.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.399 min
Delta R.T.: -0.008 min
Response: 3250529
Conc: 23.30 ug/ml

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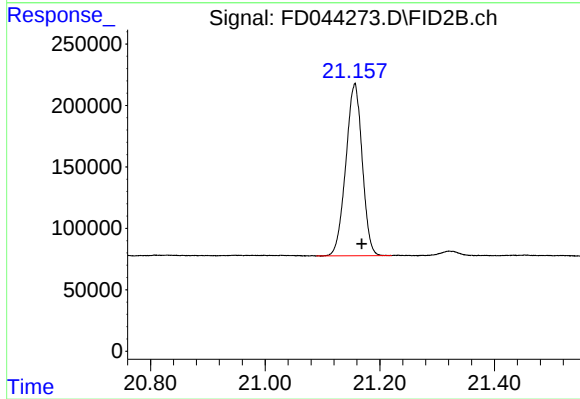
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#22 n-Tetracontane (C40)

R.T.: 21.157 min
Delta R.T.: -0.012 min
Response: 2776876
Conc: 21.35 ug/ml