

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050222AL\
 Data File : FD042238.D
 Signal(s) : FID2B.CH
 Acq On : 02 May 2022 22:33
 Operator : UA/NP
 Sample : PB144492BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB144492BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2022

Supervised By :mohammad ahmed 05/03/2022

Integration File: sample.E

Quant Time: May 03 01:49:19 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M

Quant Title : GC Extractables

QLast Update : Fri Apr 22 01:55:29 2022

Response via : Initial Calibration

Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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			
12) S 1-chlorooctadecane (S...	12.667	5732791	43.444 ug/ml
Spiked Amount 50.000		Recovery =	86.89%
Target Compounds			
1) T n-Nonane (C9)	3.097	3499359	25.673 ug/ml
2) T n-Decane (C10)	4.142	4452055	33.221 ug/ml
4) T n-Dodecane (C12)	6.137	5051565	35.483 ug/ml
6) T n-Tetradecane (C14)	7.912	5184988	36.400 ug/ml
7) T n-Hexadecane (C16)	9.498	5624394	38.704 ug/ml
8) T n-Octadecane (C18)	10.929	6324929	42.201 ug/ml
10) T n-Eicosane (C20)	12.229	6312450	41.241 ug/ml
11) T n-Heneicosane (C21)	12.837	6310959	40.936 ug/ml
13) T n-Docosane (C22)	13.419	6227488	40.400 ug/ml
14) T n-Tetracosane (C24)	14.516	6030772	38.995 ug/ml
15) T n-Hexacosane (C26)	15.530	5834632	37.932 ug/ml
16) T n-Octacosane (C28)	16.473	5541776	36.247 ug/ml
17) T n-Tricontane (C30)	17.355	5376311	35.843 ug/ml
18) T n-Dotriacontane (C32)	18.183	5377873	38.033 ug/ml
19) T n-Tetratriacontane (C34)	18.961	5028451	39.074 ug/ml
20) T n-Hexatriacontane (C36)	19.698	4905401	43.349 ug/mlm
21) T n-Octatriacontane (C38)	20.395	4789836	48.006 ug/mlm
22) T n-Tetracontane (C40)	21.175	4714848	52.272 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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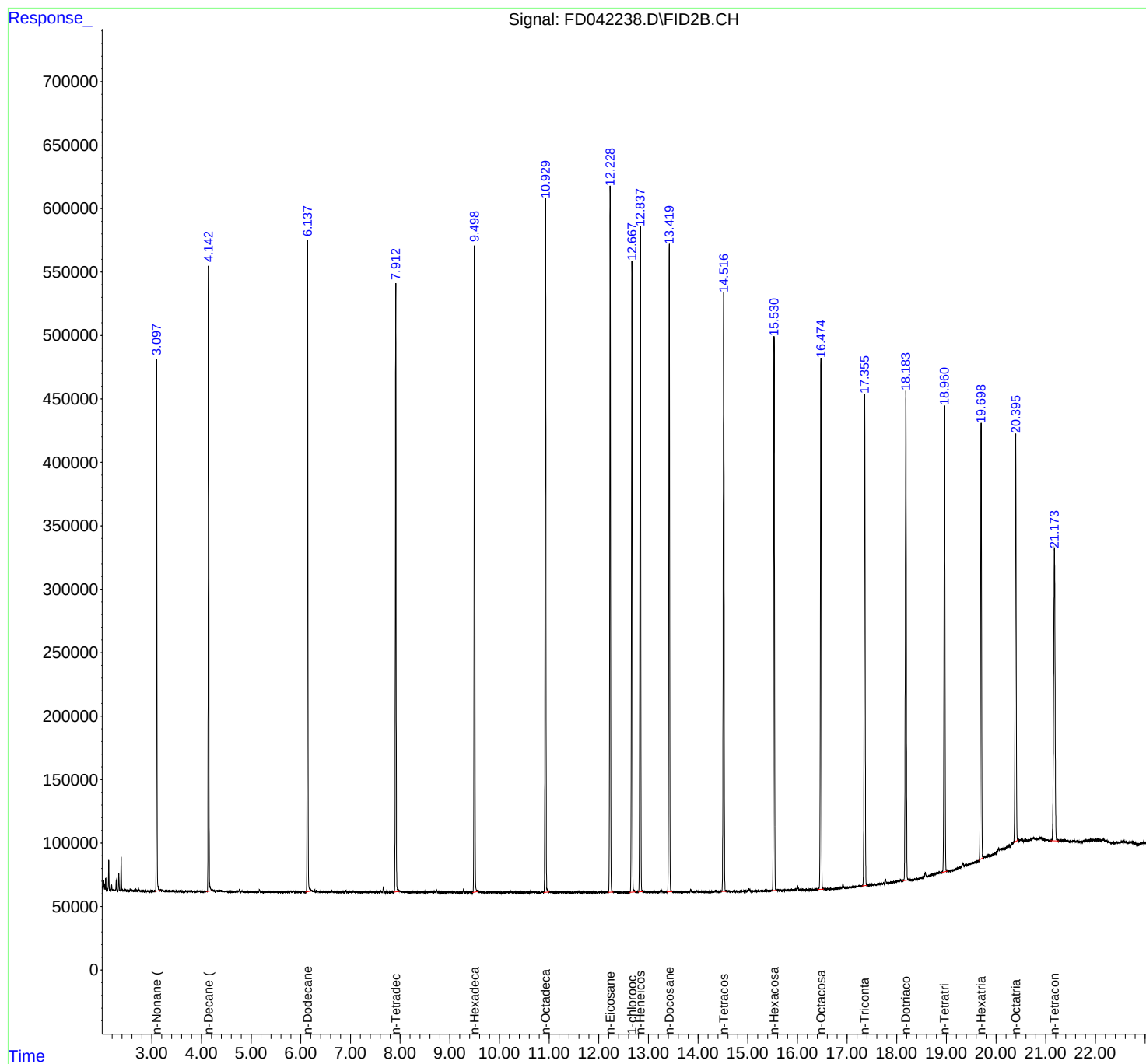
Instrument :
FID_D
ClientSampleId :
PB144492BS

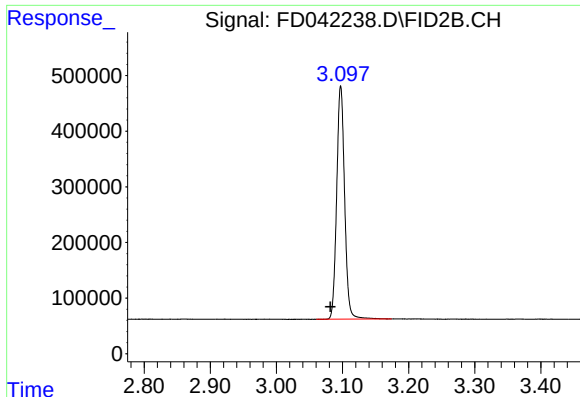
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.097 min
Delta R.T.: 0.015 min
Response: 3499359
Conc: 25.67 ug/ml

Instrument :

FID_D

ClientSampleId :

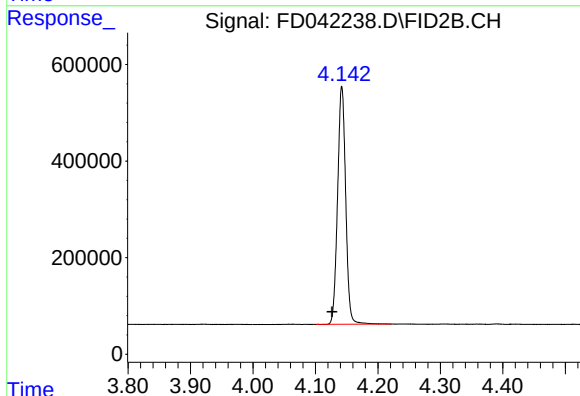
PB144492BS

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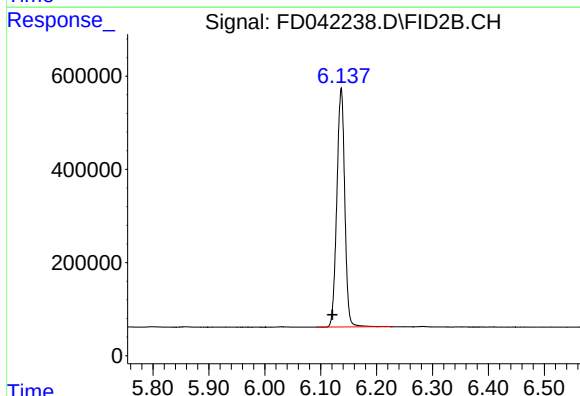
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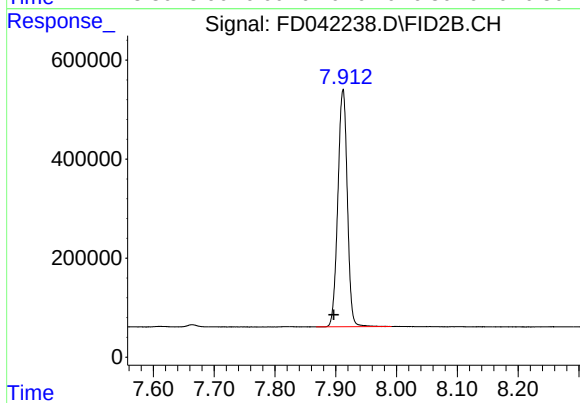
#2 n-Decane (C10)

R.T.: 4.142 min
Delta R.T.: 0.016 min
Response: 4452055
Conc: 33.22 ug/ml



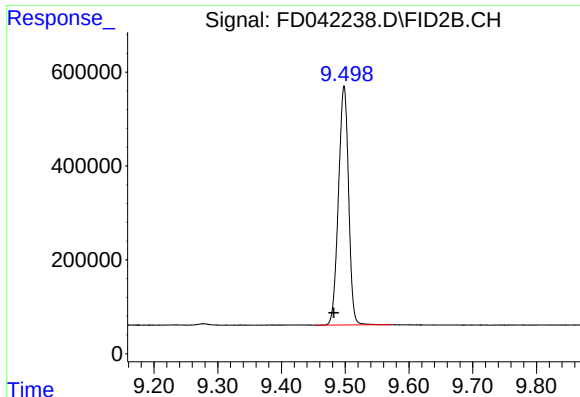
#4 n-Dodecane (C12)

R.T.: 6.137 min
Delta R.T.: 0.016 min
Response: 5051565
Conc: 35.48 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.912 min
Delta R.T.: 0.015 min
Response: 5184988
Conc: 36.40 ug/ml



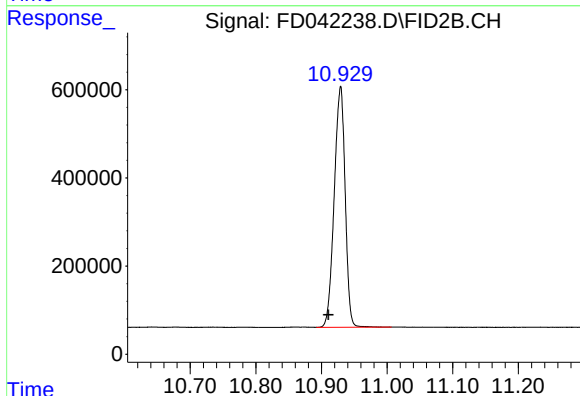
#7 n-Hexadecane (C16)

R.T.: 9.498 min
Delta R.T.: 0.016 min
Response: 5624394
Conc: 38.70 ug/ml

Instrument :
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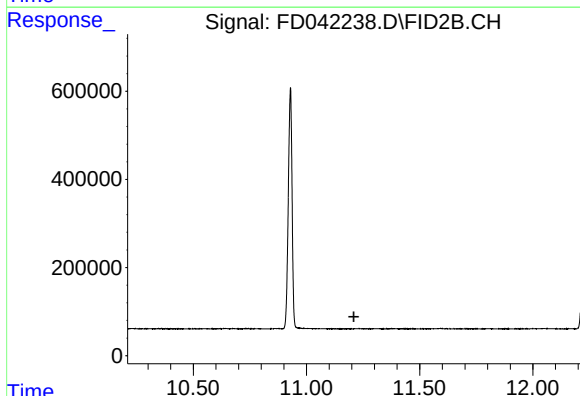
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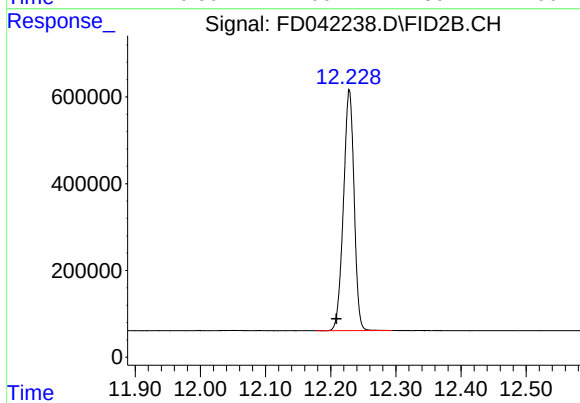
#8 n-Octadecane (C18)

R.T.: 10.929 min
Delta R.T.: 0.019 min
Response: 6324929
Conc: 42.20 ug/ml



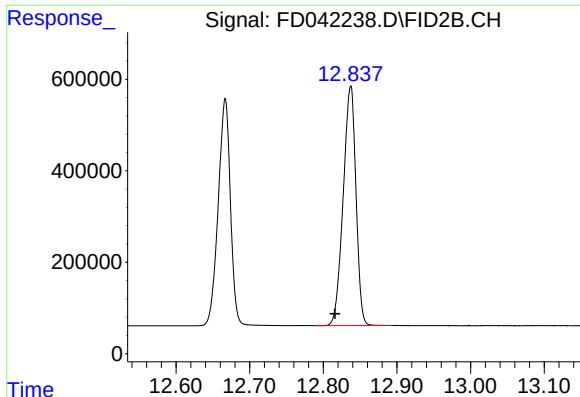
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.209 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.229 min
Delta R.T.: 0.020 min
Response: 6312450
Conc: 41.24 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.837 min
Delta R.T.: 0.021 min
Response: 6310959
Conc: 40.94 ug/ml

Instrument :

FID_D

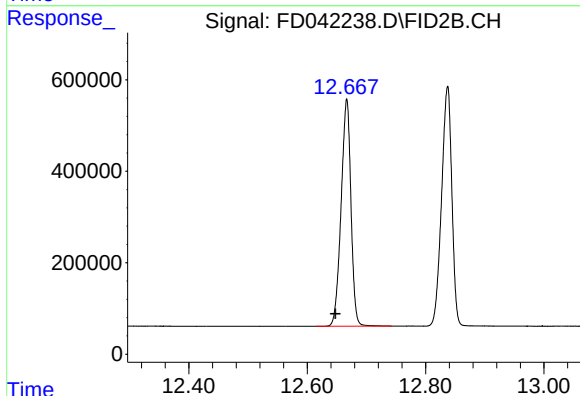
ClientSampleId :

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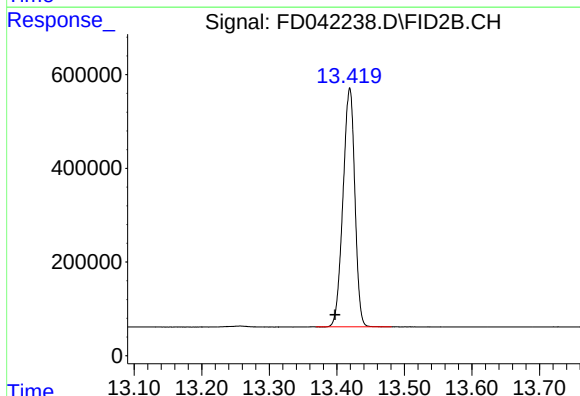
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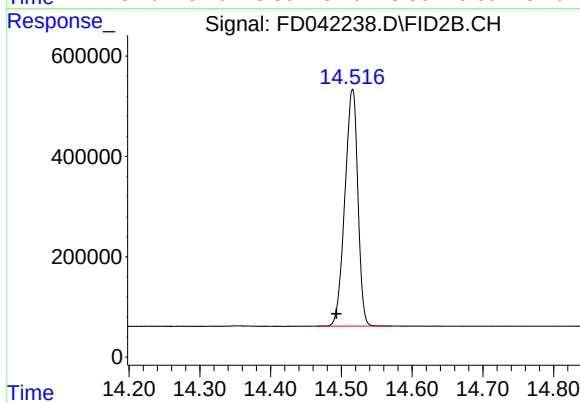
#12 1-chlorooctadecane (SURR)

R.T.: 12.667 min
Delta R.T.: 0.019 min
Response: 5732791
Conc: 43.44 ug/ml



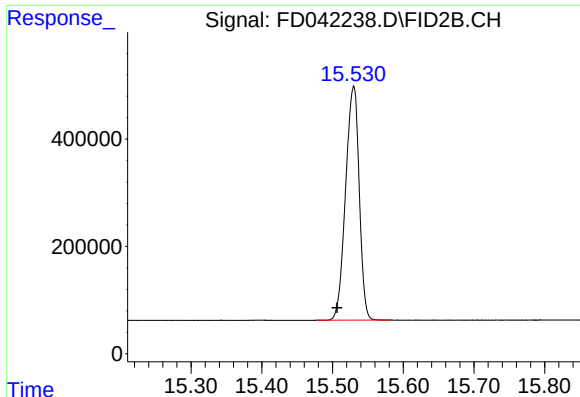
#13 n-Docosane (C22)

R.T.: 13.419 min
Delta R.T.: 0.022 min
Response: 6227488
Conc: 40.40 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.516 min
Delta R.T.: 0.023 min
Response: 6030772
Conc: 39.00 ug/ml



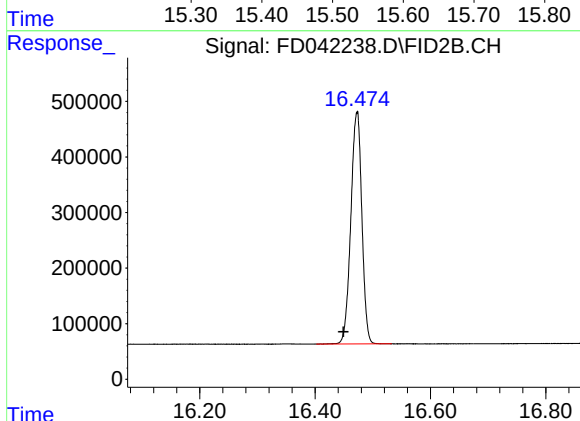
#15 n-Hexacosane (C26)

R.T.: 15.530 min
Delta R.T.: 0.024 min
Response: 5834632
Conc: 37.93 ug/ml

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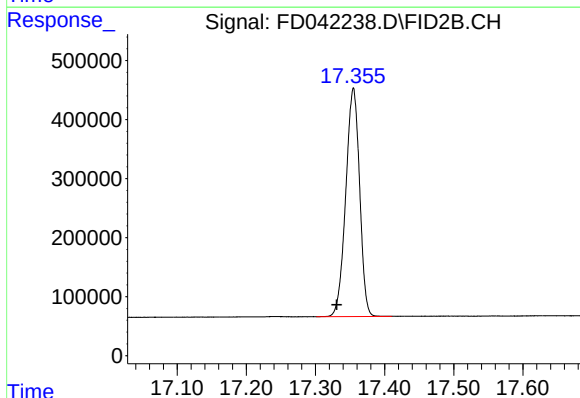
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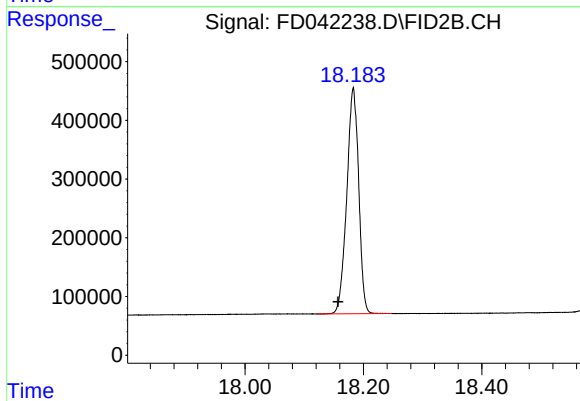
#16 n-Octacosane (C28)

R.T.: 16.473 min
Delta R.T.: 0.024 min
Response: 5541776
Conc: 36.25 ug/ml



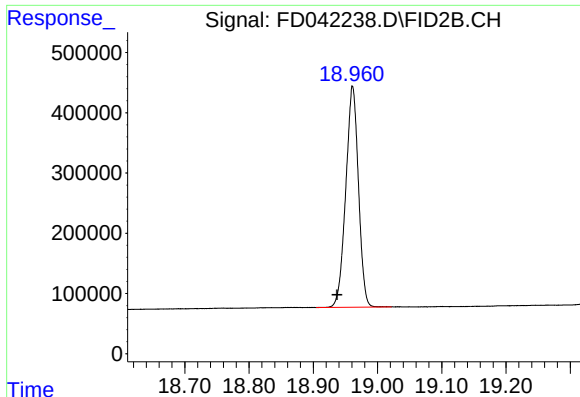
#17 n-Tricontane (C30)

R.T.: 17.355 min
Delta R.T.: 0.024 min
Response: 5376311
Conc: 35.84 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.183 min
Delta R.T.: 0.025 min
Response: 5377873
Conc: 38.03 ug/ml



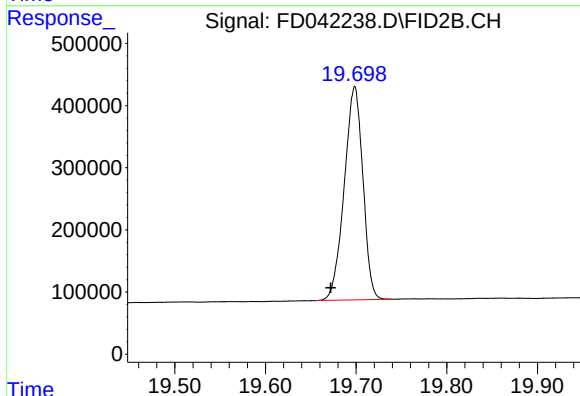
#19 n-Tetratriacontane (C34)

R.T.: 18.961 min
Delta R.T.: 0.024 min
Response: 5028451
Conc: 39.07 ug/ml

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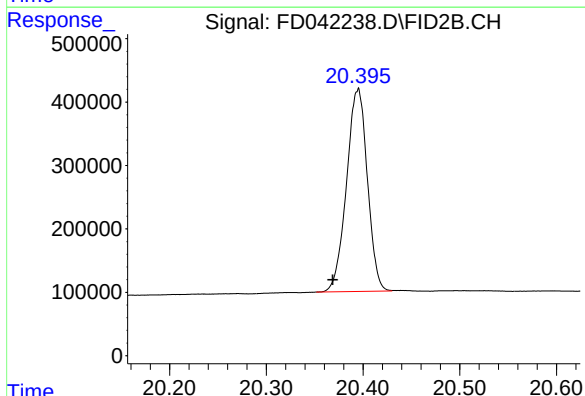
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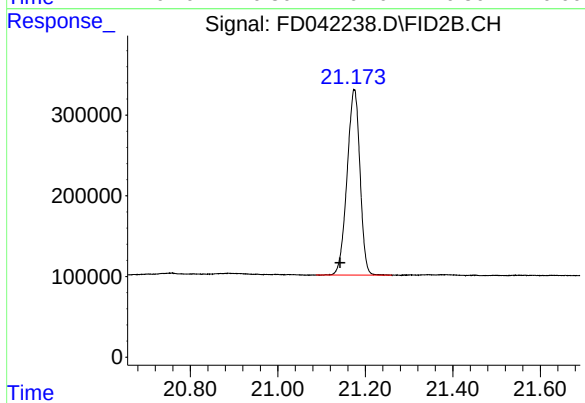
#20 n-Hexatriacontane (C36)

R.T.: 19.698 min
Delta R.T.: 0.026 min
Response: 4905401
Conc: 43.35 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.395 min
Delta R.T.: 0.027 min
Response: 4789836
Conc: 48.01 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.175 min
Delta R.T.: 0.033 min
Response: 4714848
Conc: 52.27 ug/ml