

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050222AL\
 Data File : FD042245.D
 Signal(s) : FID2B.CH
 Acq On : 03 May 2022 2:51
 Operator : UA/NP
 Sample : N2618-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

SB-06MSD

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 05:13:00 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...	12.666	4509738	34.175 ug/ml
Spiked Amount 50.000		Recovery =	68.35%
Target Compounds			
1) T n-Nonane (C9)	3.098	2686817	19.712 ug/ml
2) T n-Decane (C10)	4.142	3324165	24.805 ug/mlm
4) T n-Dodecane (C12)	6.137	3901107	27.402 ug/ml
6) T n-Tetradecane (C14)	7.913	4243354	29.789 ug/ml
7) T n-Hexadecane (C16)	9.499	4582338	31.533 ug/ml
8) T n-Octadecane (C18)	10.929	4864550	32.457 ug/ml
10) T n-Eicosane (C20)	12.229	4684961	30.608 ug/ml
11) T n-Heneicosane (C21)	12.837	4652922	30.181 ug/ml
13) T n-Docosane (C22)	13.418	4577130	29.694 ug/ml
14) T n-Tetracosane (C24)	14.513	4436808	28.689 ug/ml
15) T n-Hexacosane (C26)	15.528	4303261	27.976 ug/ml
16) T n-Octacosane (C28)	16.471	4120993	26.954 ug/ml
17) T n-Tricontane (C30)	17.353	4036163	26.908 ug/ml
18) T n-Dotriacontane (C32)	18.179	3921921	27.737 ug/mlm
19) T n-Tetratriacontane (C34)	18.960	3572066	27.757 ug/ml
20) T n-Hexatriacontane (C36)	19.694	3370229	29.783 ug/mlm
21) T n-Octatriacontane (C38)	20.393	3167016	31.741 ug/mlm
22) T n-Tetracontane (C40)	21.172	2984167	33.084 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : N2618-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

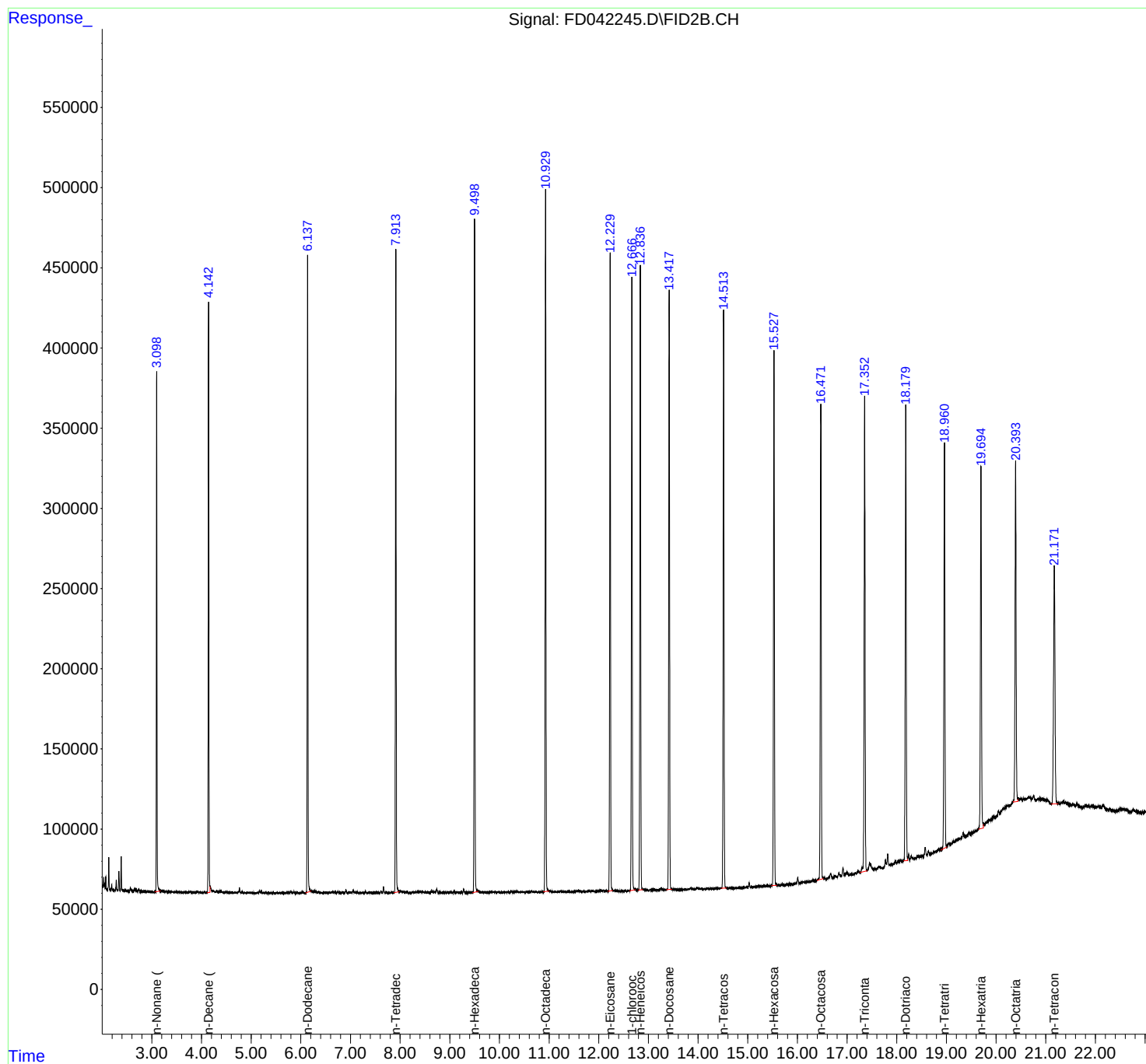
Instrument :
FID_D
ClientSampleId :
SB-06MSD

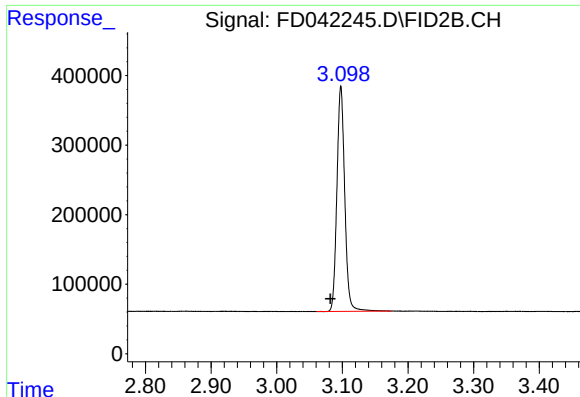
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.098 min
Delta R.T.: 0.016 min
Response: 2686817
Conc: 19.71 ug/ml

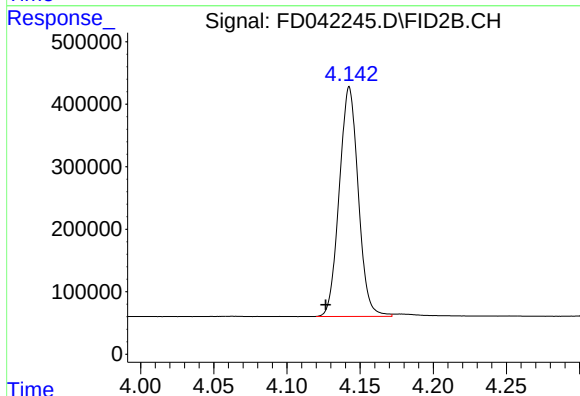
Instrument :

FID_D

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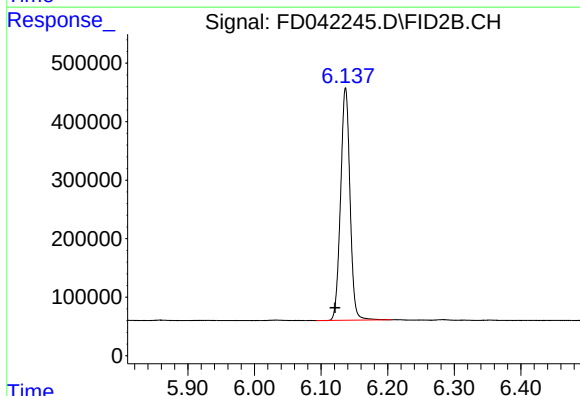
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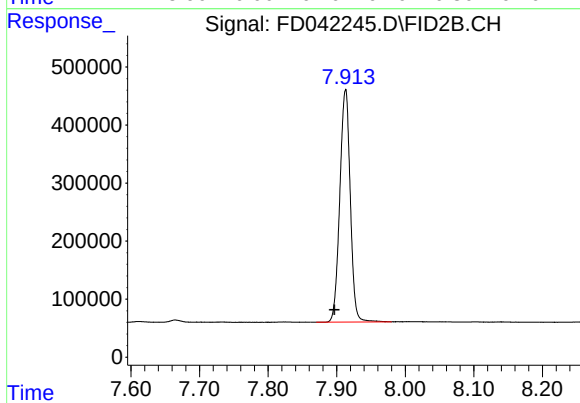
#2 n-Decane (C10)

R.T.: 4.142 min
Delta R.T.: 0.016 min
Response: 3324165
Conc: 24.80 ug/ml m



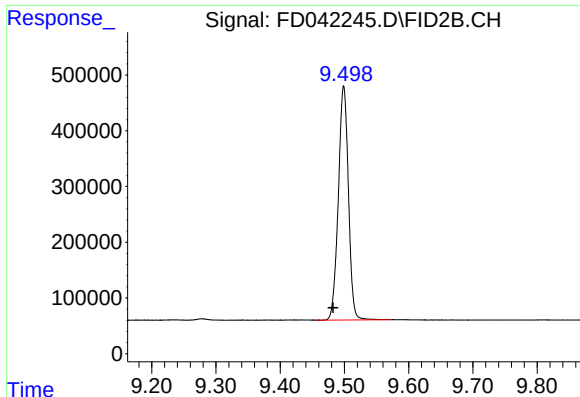
#4 n-Dodecane (C12)

R.T.: 6.137 min
Delta R.T.: 0.016 min
Response: 3901107
Conc: 27.40 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.913 min
Delta R.T.: 0.016 min
Response: 4243354
Conc: 29.79 ug/ml



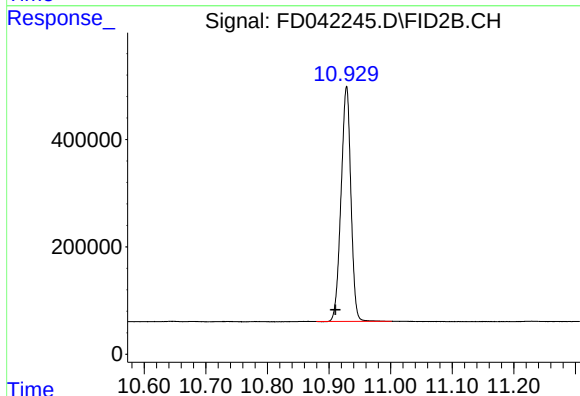
#7 n-Hexadecane (C16)

R.T.: 9.499 min
Delta R.T.: 0.017 min
Response: 4582338
Conc: 31.53 ug/ml

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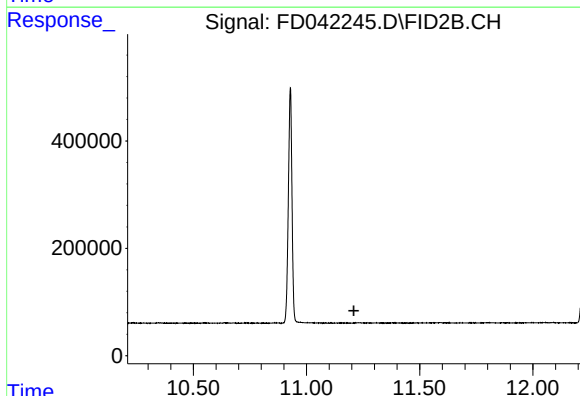
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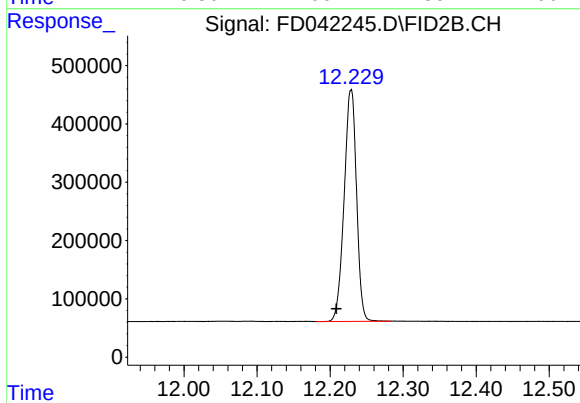
#8 n-Octadecane (C18)

R.T.: 10.929 min
Delta R.T.: 0.018 min
Response: 4864550
Conc: 32.46 ug/ml



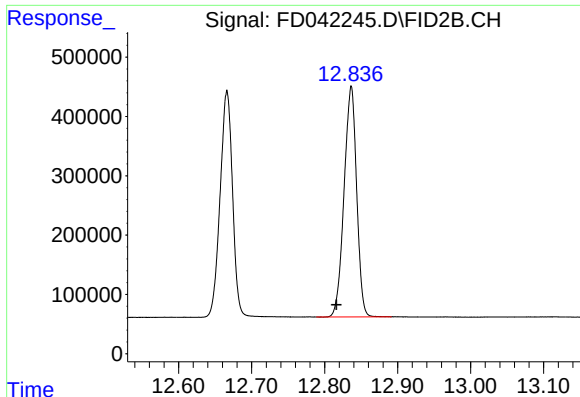
#9 ortho-Terphenyl (SURR)

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: 4684961
Conc: 30.61 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.837 min
Delta R.T.: 0.020 min
Response: 4652922
Conc: 30.18 ug/ml

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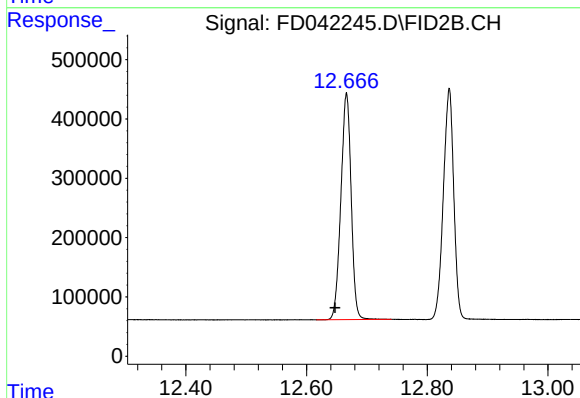
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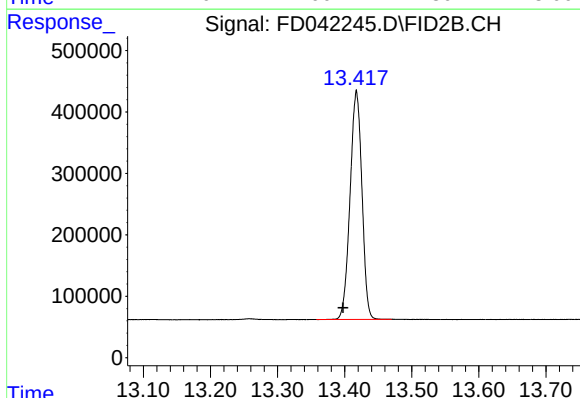
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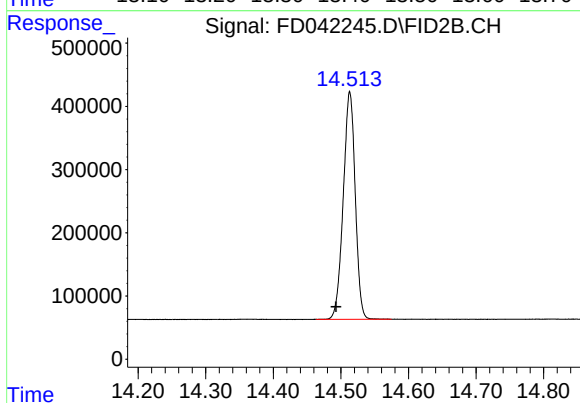
#12 1-chlorooctadecane (SURR)

R.T.: 12.666 min
Delta R.T.: 0.019 min
Response: 4509738
Conc: 34.18 ug/ml



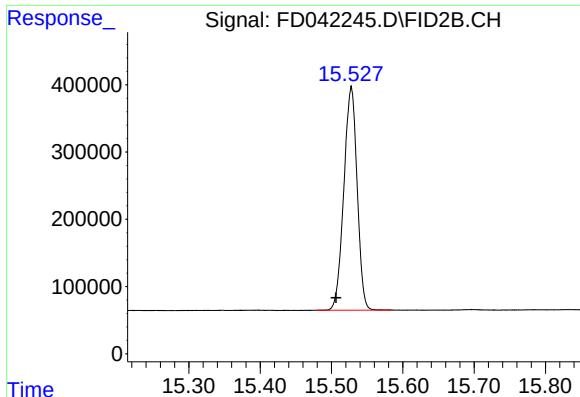
#13 n-Docosane (C22)

R.T.: 13.418 min
Delta R.T.: 0.020 min
Response: 4577130
Conc: 29.69 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.513 min
Delta R.T.: 0.020 min
Response: 4436808
Conc: 28.69 ug/ml



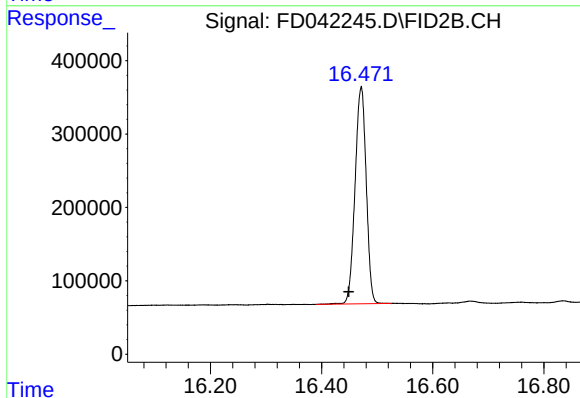
#15 n-Hexacosane (C26)

R.T.: 15.528 min
Delta R.T.: 0.021 min
Response: 4303261
Conc: 27.98 ug/ml

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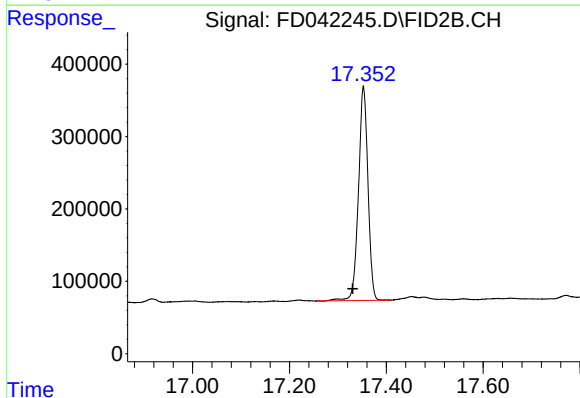
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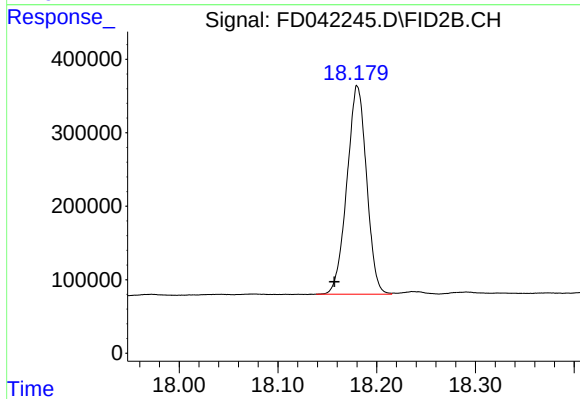
#16 n-Octacosane (C28)

R.T.: 16.471 min
Delta R.T.: 0.023 min
Response: 4120993
Conc: 26.95 ug/ml



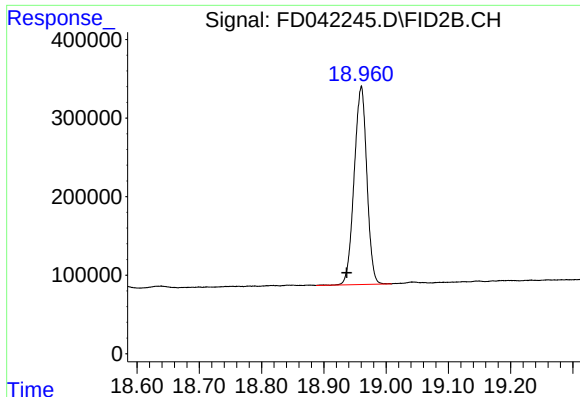
#17 n-Tricontane (C30)

R.T.: 17.353 min
Delta R.T.: 0.022 min
Response: 4036163
Conc: 26.91 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.179 min
Delta R.T.: 0.022 min
Response: 3921921
Conc: 27.74 ug/ml m



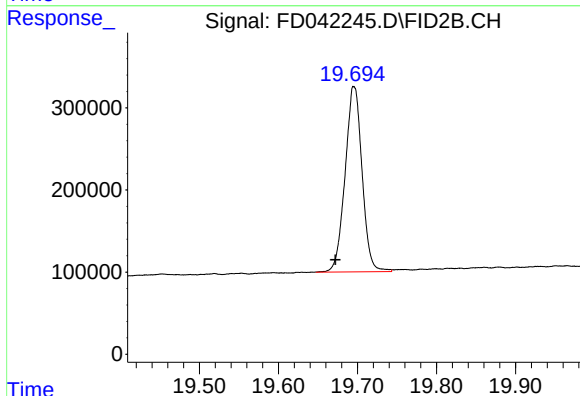
#19 n-Tetratriacontane (C34)

R.T.: 18.960 min
Delta R.T.: 0.023 min
Response: 3572066
Conc: 27.76 ug/ml

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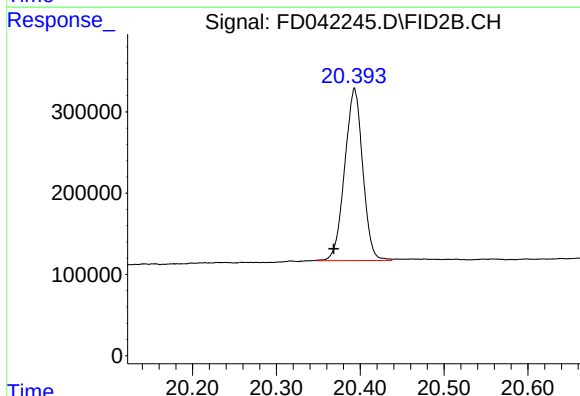
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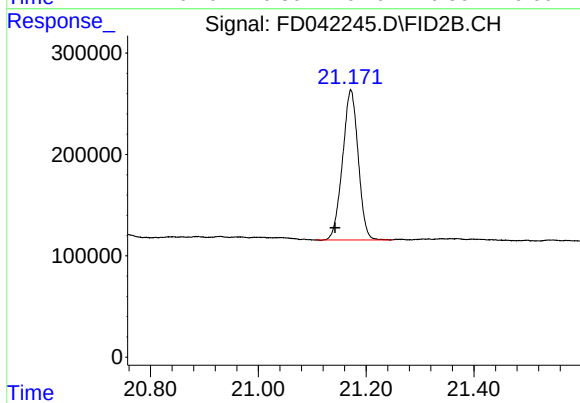
#20 n-Hexatriacontane (C36)

R.T.: 19.694 min
Delta R.T.: 0.022 min
Response: 3370229
Conc: 29.78 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.393 min
Delta R.T.: 0.024 min
Response: 3167016
Conc: 31.74 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.172 min
Delta R.T.: 0.029 min
Response: 2984167
Conc: 33.08 ug/ml