

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033022AL\
 Data File : FE035583.D
 Signal(s) : FID1B.CH
 Acq On : 30 Mar 2022 21:29
 Operator : YP\AJ
 Sample : PB143740BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB143740BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/31/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File: autoint1.e
 Quant Time: Mar 31 02:45:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032922.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 30 04:19:30 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...	12.763	4560842	56.385 ug/ml
Spiked Amount 50.000		Recovery =	112.77%
Target Compounds			
1) T n-Nonane (C9)	3.152	2191218	23.018 ug/ml
2) T n-Decane (C10)	4.203	2691728	28.952 ug/ml
4) T n-Dodecane (C12)	6.207	3139045	33.404 ug/ml
6) T n-Tetradecane (C14)	7.992	3345789	36.182 ug/ml
7) T n-Hexadecane (C16)	9.585	3593334	38.532 ug/ml
8) T n-Octadecane (C18)	11.018	3848298	40.702 ug/ml
10) T n-Eicosane (C20)	12.320	3800713	39.886 ug/ml
11) T n-Heneicosane (C21)	12.929	3836905	39.869 ug/ml
13) T n-Docosane (C22)	13.512	3818273	39.773 ug/ml
14) T n-Tetracosane (C24)	14.609	3778971	39.880 ug/ml
15) T n-Hexacosane (C26)	15.624	3692766	39.598 ug/ml
16) T n-Octacosane (C28)	16.568	3572570	40.067 ug/ml
17) T n-Tricontane (C30)	17.449	3472839	40.363 ug/ml
18) T n-Dotriacontane (C32)	18.278	3422816	41.197 ug/ml
19) T n-Tetratriacontane (C34)	19.058	3305143	44.550 ug/ml
20) T n-Hexatriacontane (C36)	19.793	3237689	45.444 ug/mlm
21) T n-Octatriacontane (C38)	20.494	3130746	47.101 ug/ml
22) T n-Tetracontane (C40)	21.290	3110367	44.243 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB143740BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

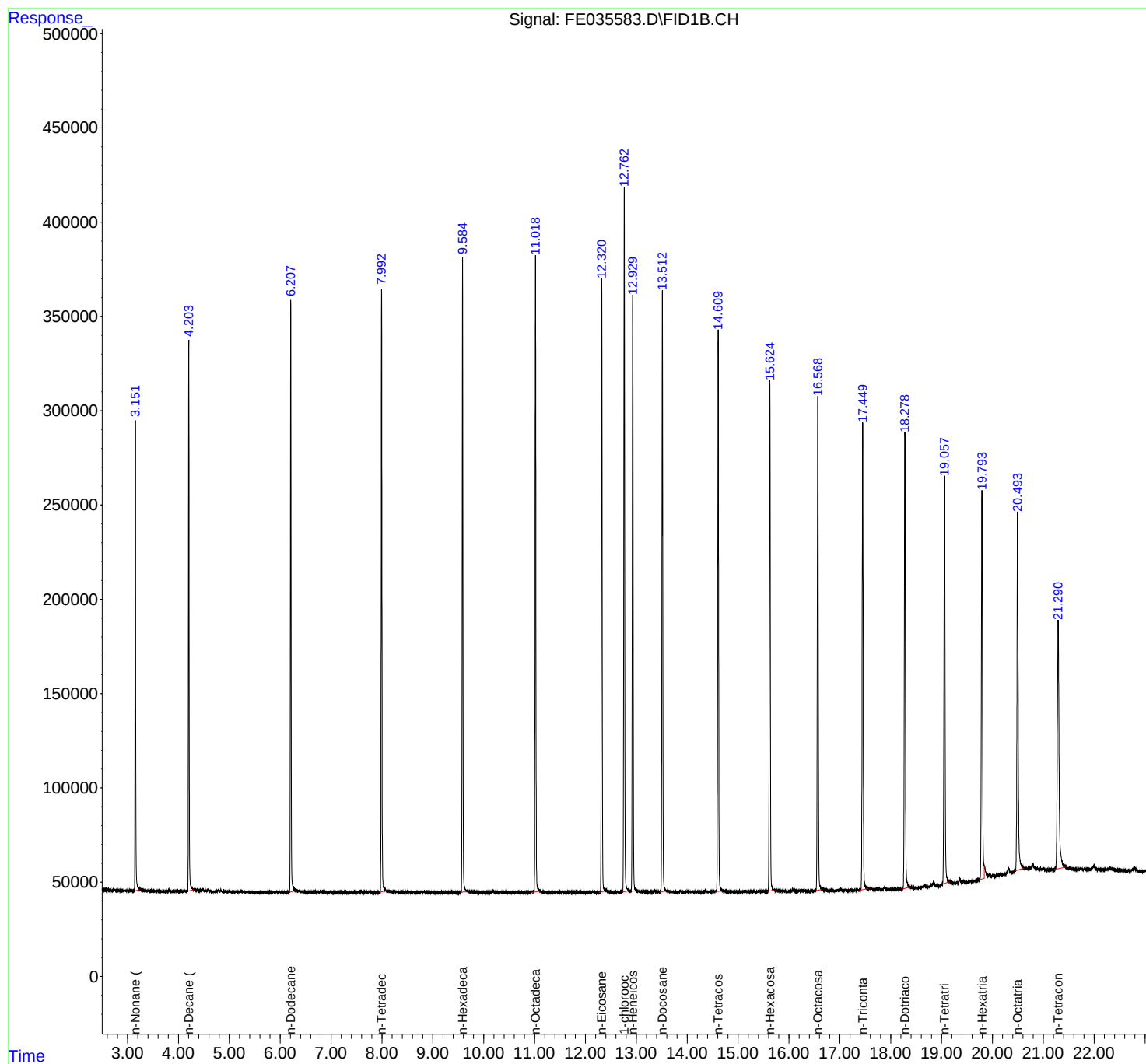
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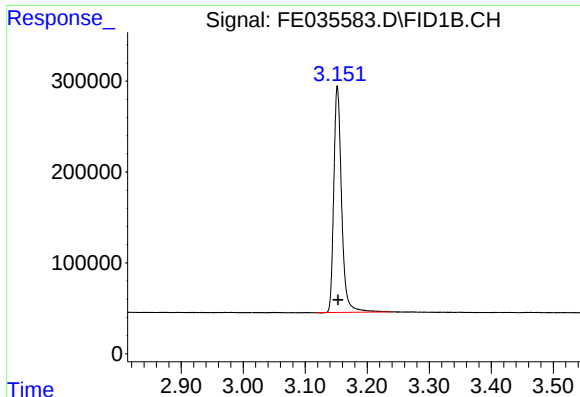
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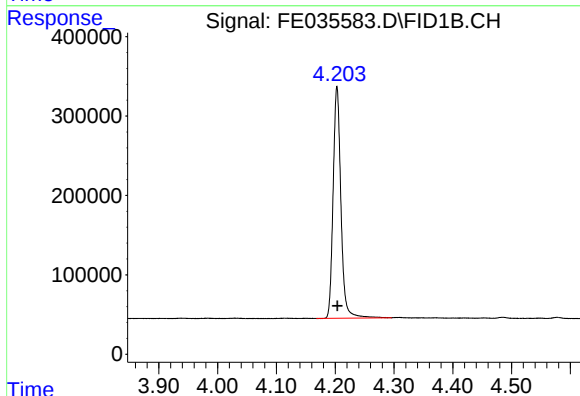
#1 n-Nonane (C9)

R.T.: 3.152 min
Delta R.T.: -0.001 min
Response: 2191218
Conc: 23.02 ug/ml

Instrument :
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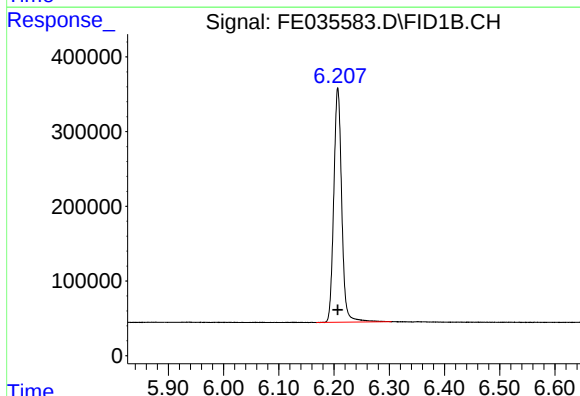
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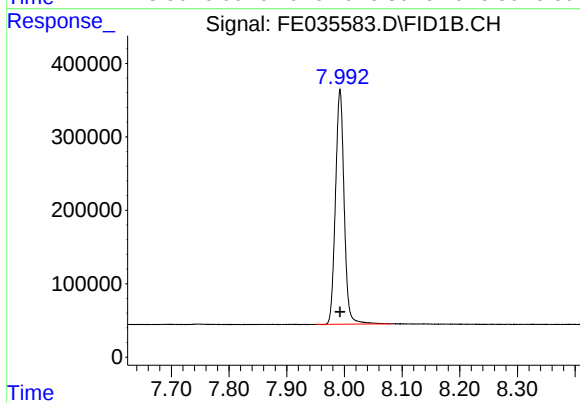
#2 n-Decane (C10)

R.T.: 4.203 min
Delta R.T.: 0.000 min
Response: 2691728
Conc: 28.95 ug/ml



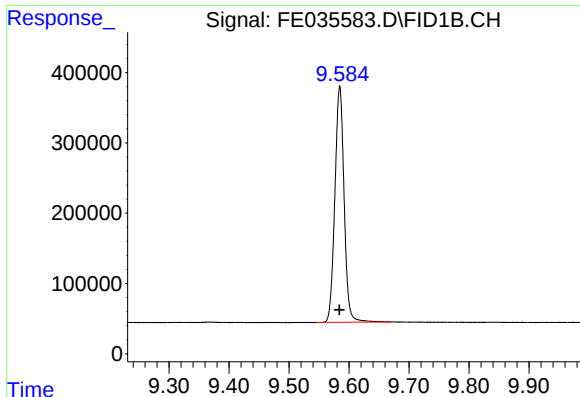
#4 n-Dodecane (C12)

R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 3139045
Conc: 33.40 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 3345789
Conc: 36.18 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.585 min
Delta R.T.: 0.000 min
Response: 3593334
Conc: 38.53 ug/ml

Instrument :

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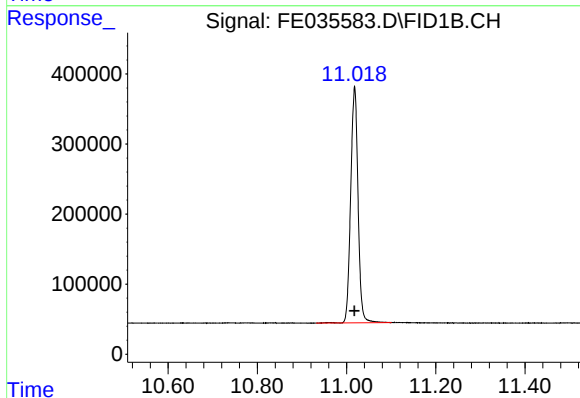
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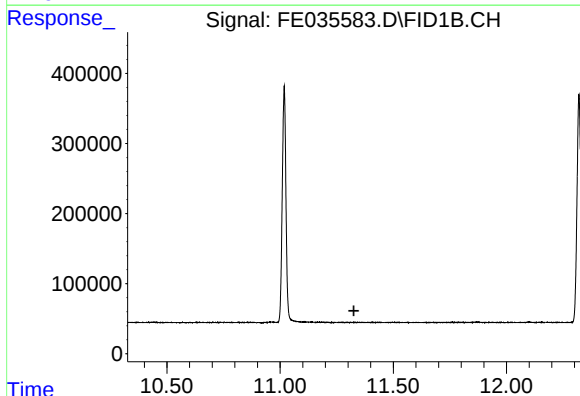
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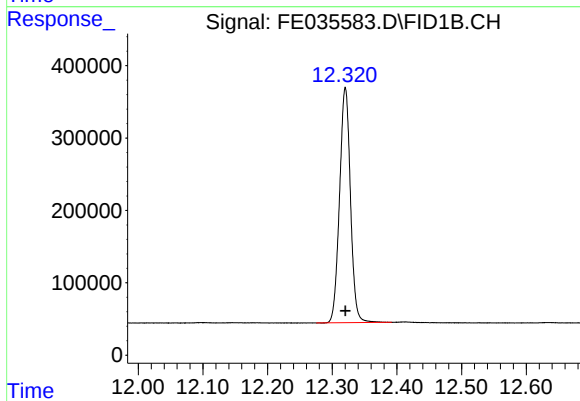
#8 n-Octadecane (C18)

R.T.: 11.018 min
Delta R.T.: 0.000 min
Response: 3848298
Conc: 40.70 ug/ml



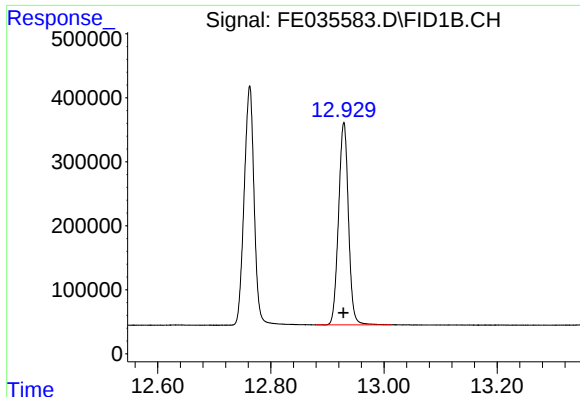
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.326 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.320 min
Delta R.T.: 0.000 min
Response: 3800713
Conc: 39.89 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.929 min
Delta R.T.: 0.000 min
Response: 3836905
Conc: 39.87 ug/ml

Instrument :

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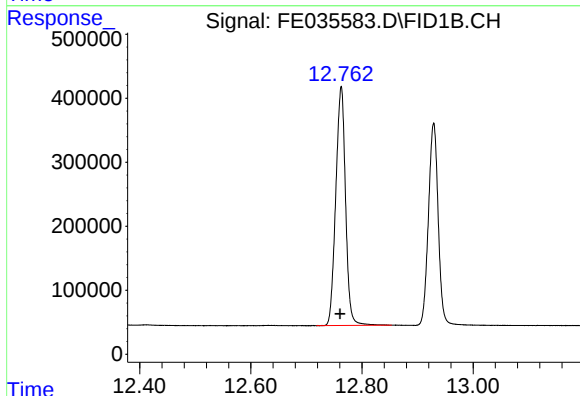
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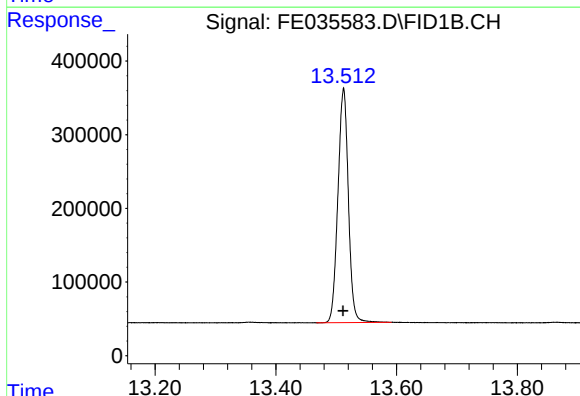
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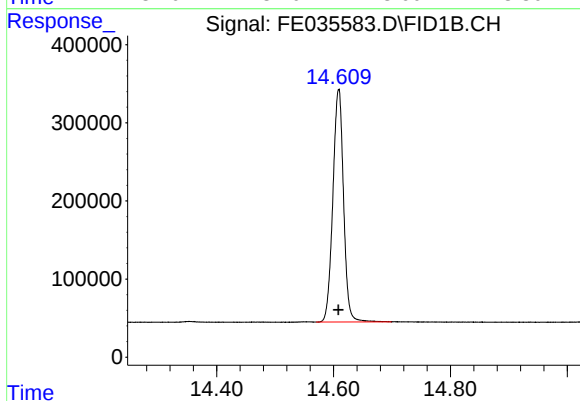
#12 1-chlorooctadecane (SURR)

R.T.: 12.763 min
Delta R.T.: 0.002 min
Response: 4560842
Conc: 56.38 ug/ml



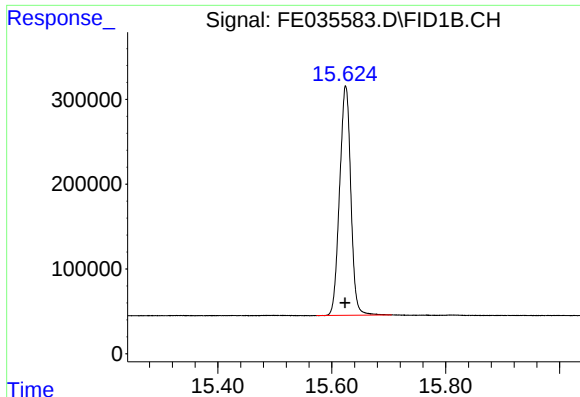
#13 n-Docosane (C22)

R.T.: 13.512 min
Delta R.T.: 0.000 min
Response: 3818273
Conc: 39.77 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.609 min
Delta R.T.: 0.000 min
Response: 3778971
Conc: 39.88 ug/ml



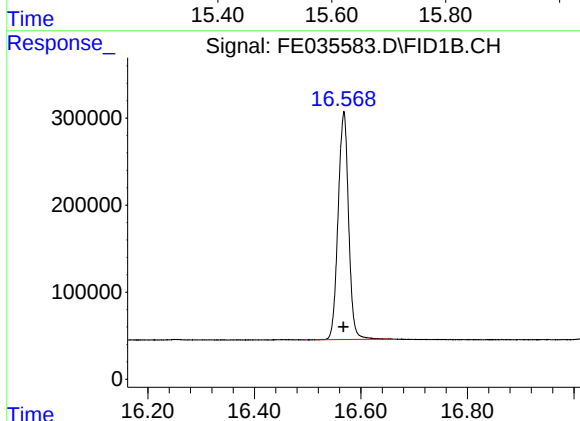
#15 n-Hexacosane (C26)

R.T.: 15.624 min
Delta R.T.: 0.001 min
Response: 3692766
Conc: 39.60 ug/ml

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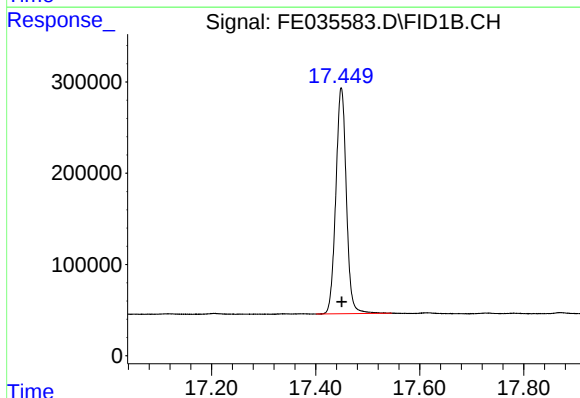
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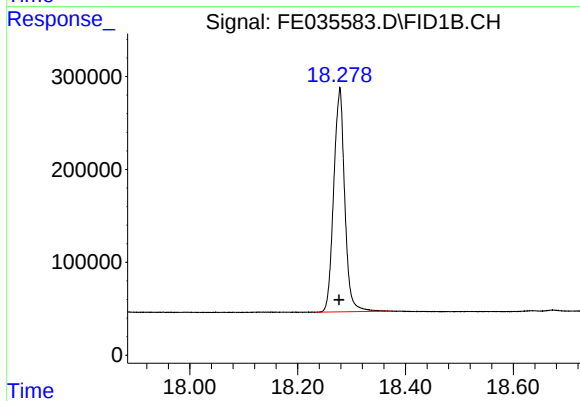
#16 n-Octacosane (C28)

R.T.: 16.568 min
Delta R.T.: 0.000 min
Response: 3572570
Conc: 40.07 ug/ml



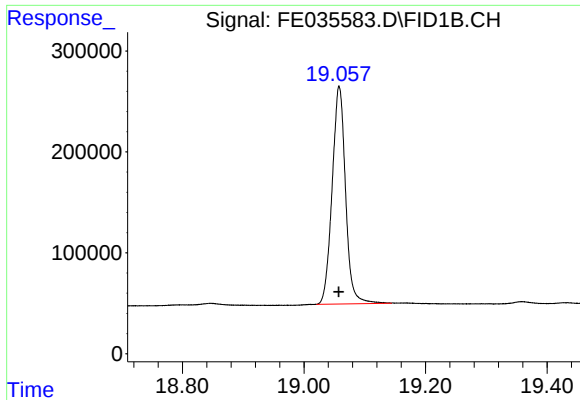
#17 n-Tricontane (C30)

R.T.: 17.449 min
Delta R.T.: 0.000 min
Response: 3472839
Conc: 40.36 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.278 min
Delta R.T.: 0.001 min
Response: 3422816
Conc: 41.20 ug/ml



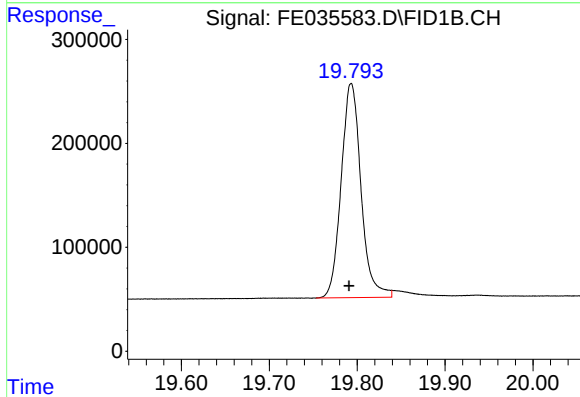
#19 n-Tetratriacontane (C34)

R.T.: 19.058 min
Delta R.T.: 0.000 min
Response: 3305143
Conc: 44.55 ug/ml

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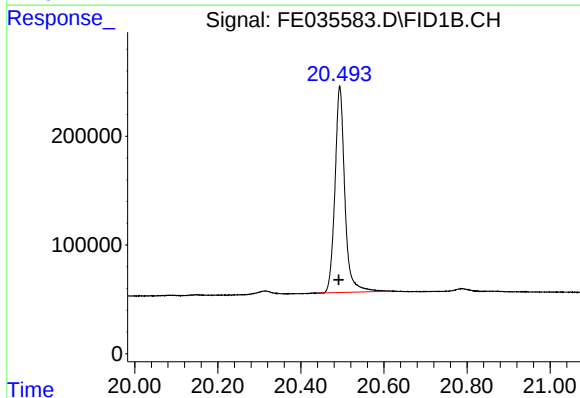
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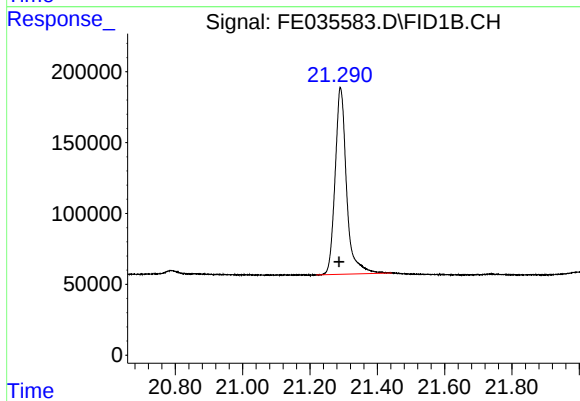
#20 n-Hexatriacontane (C36)

R.T.: 19.793 min
Delta R.T.: 0.002 min
Response: 3237689
Conc: 45.44 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.494 min
Delta R.T.: 0.003 min
Response: 3130746
Conc: 47.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.290 min
Delta R.T.: 0.004 min
Response: 3110367
Conc: 44.24 ug/ml