

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050222AL\
 Data File : FD042239.D
 Signal(s) : FID2B.CH
 Acq On : 02 May 2022 23:11
 Operator : UA/NP
 Sample : PB144492BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144492BSD

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 01:49:34 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	5550880	42.065 ug/ml
Spiked Amount 50.000		Recovery =	84.13%
Target Compounds			
1) T n-Nonane (C9)	3.097	3538928	25.964 ug/ml
2) T n-Decane (C10)	4.142	4516627	33.703 ug/ml
4) T n-Dodecane (C12)	6.136	5118563	35.954 ug/ml
6) T n-Tetradecane (C14)	7.912	5243869	36.813 ug/ml
7) T n-Hexadecane (C16)	9.498	5682194	39.102 ug/ml
8) T n-Octadecane (C18)	10.929	6400823	42.708 ug/ml
10) T n-Eicosane (C20)	12.230	6395449	41.783 ug/ml
11) T n-Heneicosane (C21)	12.837	6386370	41.425 ug/ml
13) T n-Docosane (C22)	13.420	6306418	40.913 ug/ml
14) T n-Tetracosane (C24)	14.515	6117874	39.558 ug/ml
15) T n-Hexacosane (C26)	15.531	5930203	38.553 ug/ml
16) T n-Octacosane (C28)	16.473	5631899	36.836 ug/ml
17) T n-Tricontane (C30)	17.355	5461225	36.409 ug/ml
18) T n-Dotriacontane (C32)	18.183	5454824	38.578 ug/ml
19) T n-Tetratriacontane (C34)	18.962	5105942	39.676 ug/ml
20) T n-Hexatriacontane (C36)	19.697	4990697	44.103 ug/mlm
21) T n-Octatriacontane (C38)	20.395	4893739	49.047 ug/mlm
22) T n-Tetracontane (C40)	21.174	4766297	52.842 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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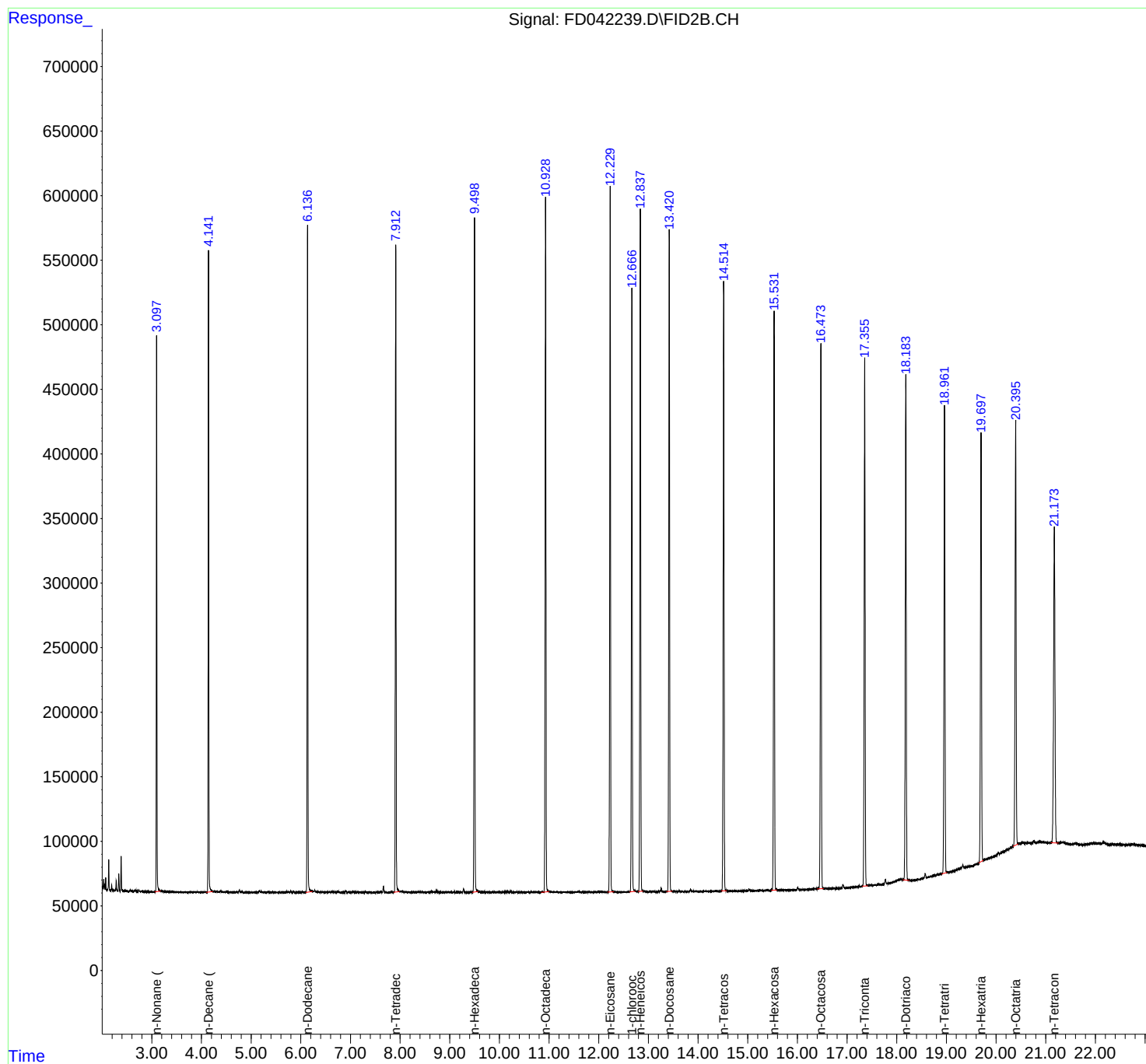
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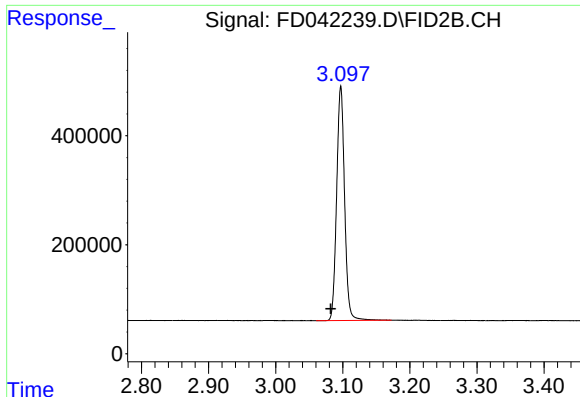
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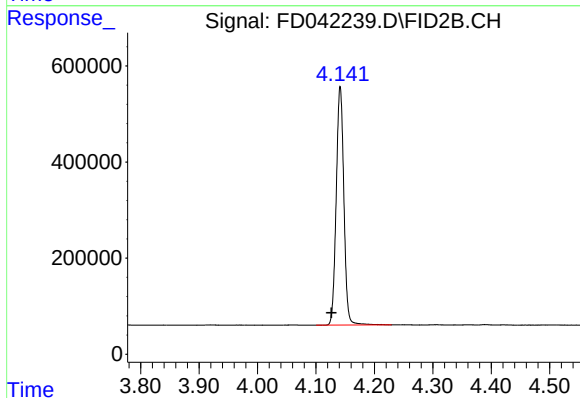
#1 n-Nonane (C9)

R.T.: 3.097 min
Delta R.T.: 0.015 min
Response: 3538928
Conc: 25.96 ug/ml

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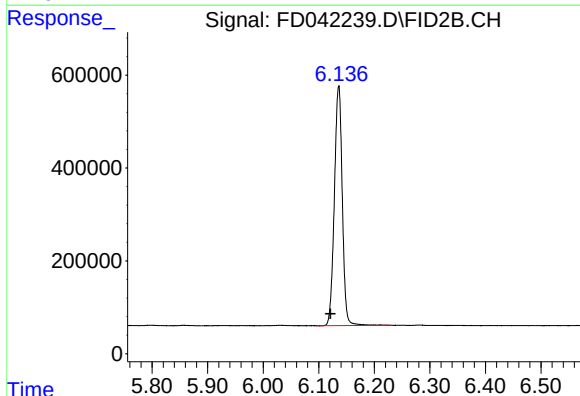
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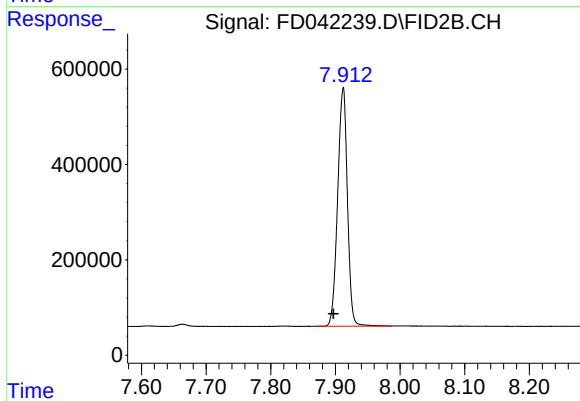
#2 n-Decane (C10)

R.T.: 4.142 min
Delta R.T.: 0.015 min
Response: 4516627
Conc: 33.70 ug/ml



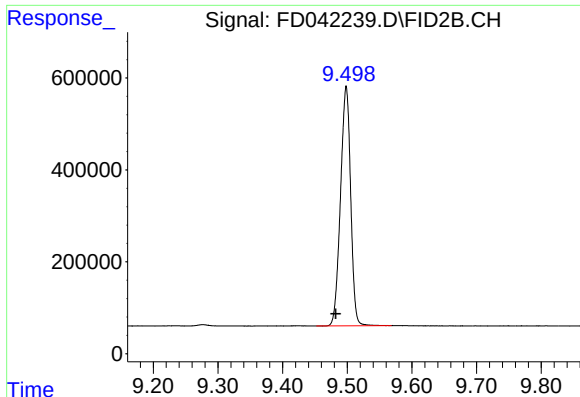
#4 n-Dodecane (C12)

R.T.: 6.136 min
Delta R.T.: 0.015 min
Response: 5118563
Conc: 35.95 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.912 min
Delta R.T.: 0.015 min
Response: 5243869
Conc: 36.81 ug/ml



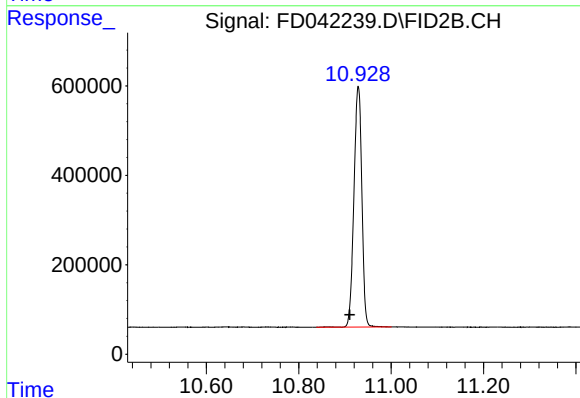
#7 n-Hexadecane (C16)

R.T.: 9.498 min
Delta R.T.: 0.016 min
Response: 5682194
Conc: 39.10 ug/ml

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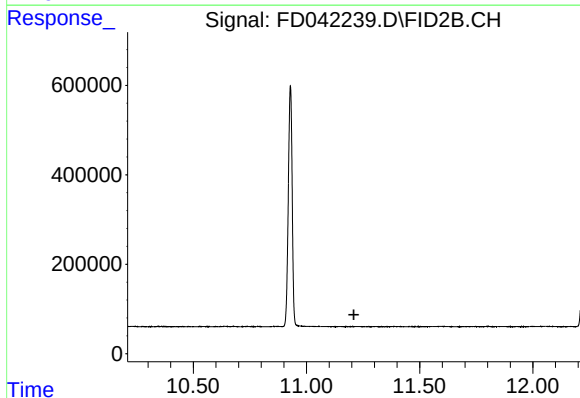
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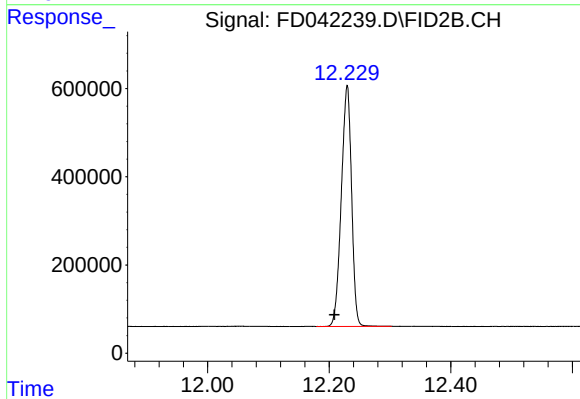
#8 n-Octadecane (C18)

R.T.: 10.929 min
Delta R.T.: 0.019 min
Response: 6400823
Conc: 42.71 ug/ml



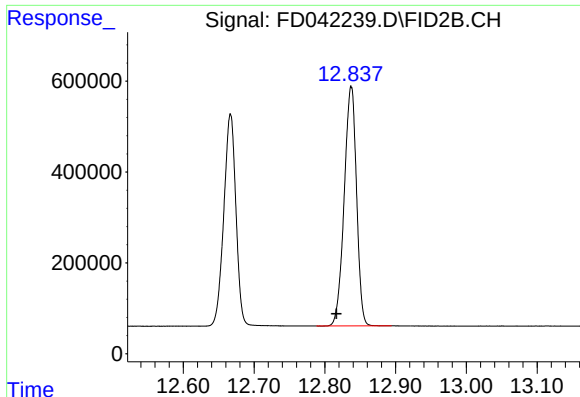
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.230 min
Delta R.T.: 0.021 min
Response: 6395449
Conc: 41.78 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.837 min
Delta R.T.: 0.021 min
Response: 6386370
Conc: 41.43 ug/ml

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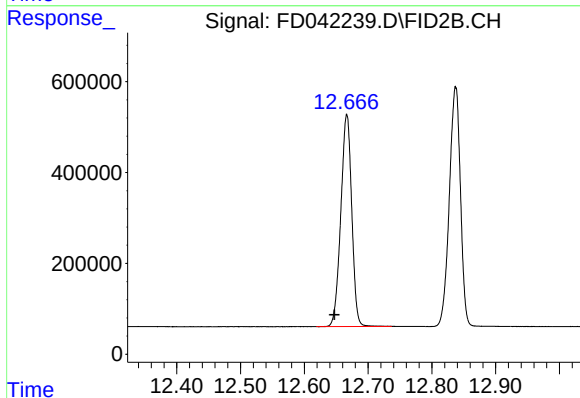
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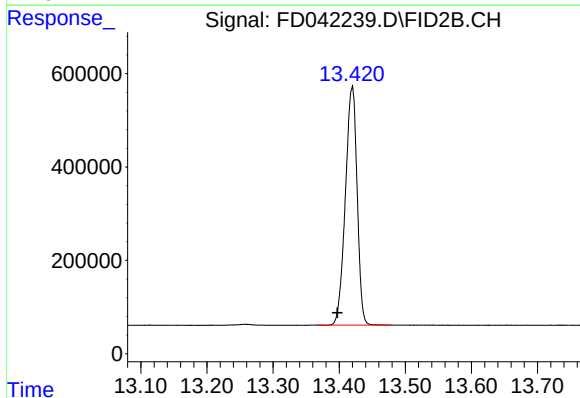
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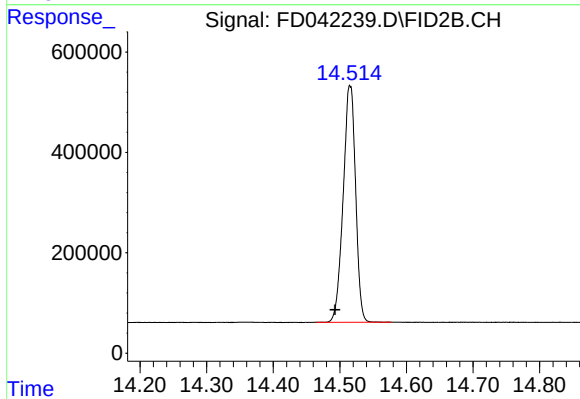
#12 1-chlorooctadecane (SURR)

R.T.: 12.667 min
Delta R.T.: 0.019 min
Response: 5550880
Conc: 42.07 ug/ml



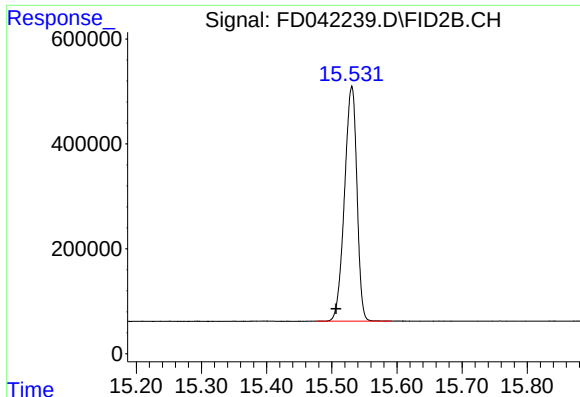
#13 n-Docosane (C22)

R.T.: 13.420 min
Delta R.T.: 0.022 min
Response: 6306418
Conc: 40.91 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.515 min
Delta R.T.: 0.022 min
Response: 6117874
Conc: 39.56 ug/ml



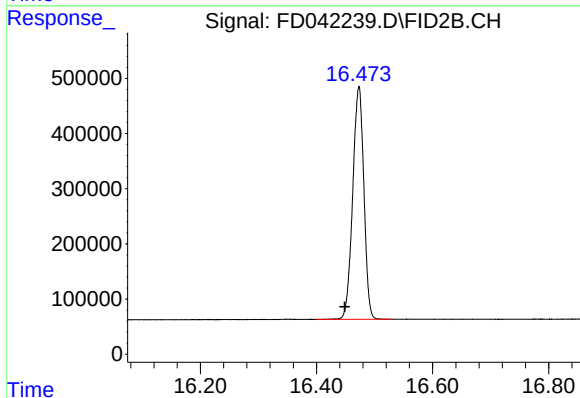
#15 n-Hexacosane (C26)

R.T.: 15.531 min
Delta R.T.: 0.024 min
Response: 5930203
Conc: 38.55 ug/ml

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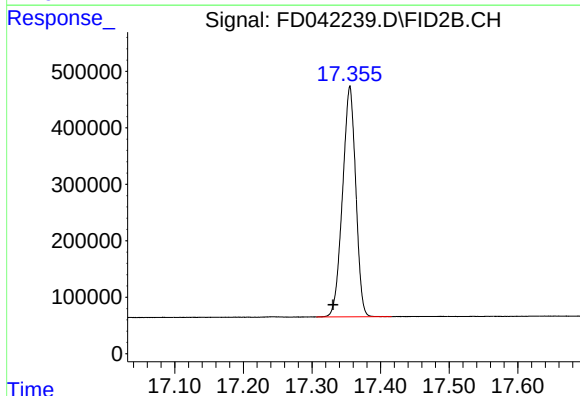
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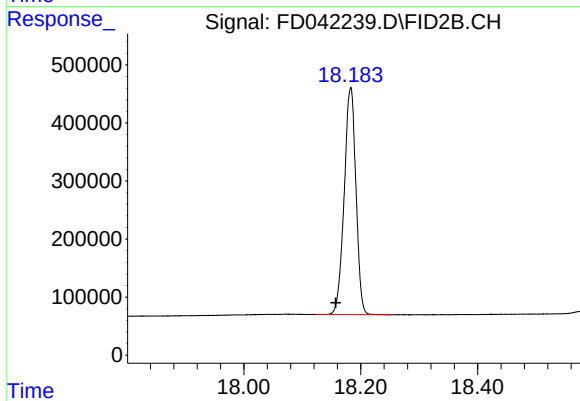
#16 n-Octacosane (C28)

R.T.: 16.473 min
Delta R.T.: 0.024 min
Response: 5631899
Conc: 36.84 ug/ml



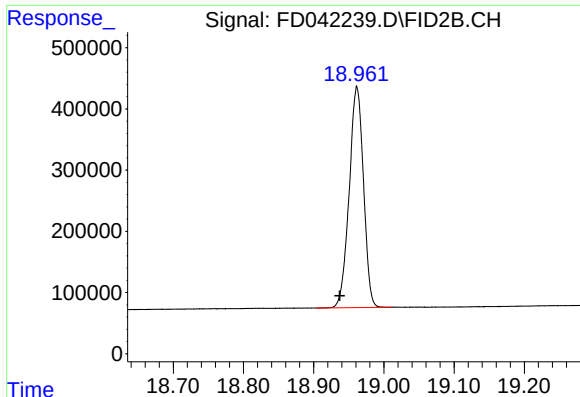
#17 n-Tricontane (C30)

R.T.: 17.355 min
Delta R.T.: 0.025 min
Response: 5461225
Conc: 36.41 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.183 min
Delta R.T.: 0.026 min
Response: 5454824
Conc: 38.58 ug/ml



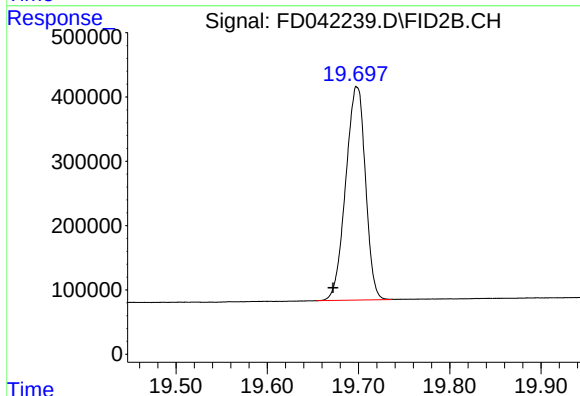
#19 n-Tetratriacontane (C34)

R.T.: 18.962 min
Delta R.T.: 0.025 min
Response: 5105942
Conc: 39.68 ug/ml

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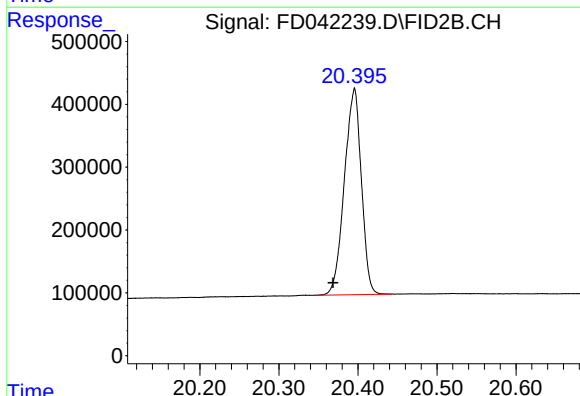
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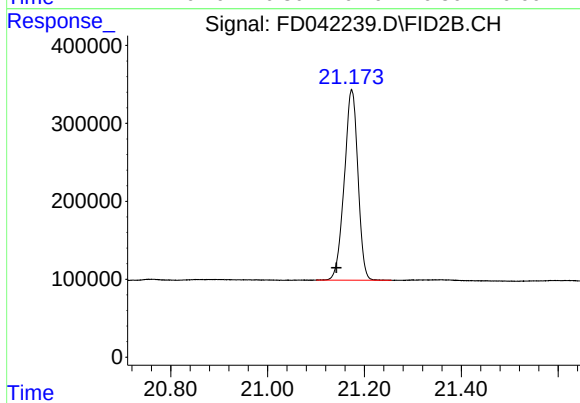
#20 n-Hexatriacontane (C36)

R.T.: 19.697 min
Delta R.T.: 0.025 min
Response: 4990697
Conc: 44.10 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.395 min
Delta R.T.: 0.027 min
Response: 4893739
Conc: 49.05 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.174 min
Delta R.T.: 0.032 min
Response: 4766297
Conc: 52.84 ug/ml