

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052120AL\
 Data File : FD033566.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2020 10:02
 Operator : DD\AJ
 Sample : L2182-01
 Misc : LOD-SOIL-2.5 PPM
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

Integration File: autoint1.e
 Quant Time: May 22 02:30:18 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 07:22:05 2020
 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...	12.904	7515619	67.590 ug/ml
Spiked Amount 50.000		Recovery =	135.18%
Target Compounds			
1) T n-Nonane (C9)	3.291	303236	2.641 ug/ml
2) T n-Decane (C10)	4.349	395208	3.433 ug/ml
4) T n-Dodecane (C12)	6.351	621089	5.213 ug/ml
6) T n-Tetradecane (C14)	8.133	504731	4.181 ug/ml
7) T n-Hexadecane (C16)	9.723	489716	4.101 ug/ml
8) T n-Octadecane (C18)	11.156	532618	4.200 ug/ml
10) T n-Eicosane (C20)	12.457	559501	4.336 ug/ml
11) T n-Heneicosane (C21)	13.066	548574	4.257 ug/ml
13) T n-Docosane (C22)	13.648	570602	4.446 ug/ml
14) T n-Tetracosane (C24)	14.744	564717	4.438 ug/ml
15) T n-Hexacosane (C26)	15.759	555979	4.436 ug/ml
16) T n-Octacosane (C28)	16.704	580239	4.668 ug/ml
17) T n-Tricontane (C30)	17.585	584697	4.859 ug/ml
18) T n-Dotriacontane (C32)	18.412	543842	4.966 ug/ml
19) T n-Tetratriacontane (C34)	19.191	496898	4.848 ug/ml
20) T n-Hexatriacontane (C36)	19.925	436728	4.561 ug/ml
21) T n-Octatriacontane (C38)	20.634	435493	4.859 ug/ml
22) T n-Tetracontane (C40)	21.477	457473	5.152 ug/ml

(f)=RT Delta > 1/2 Window

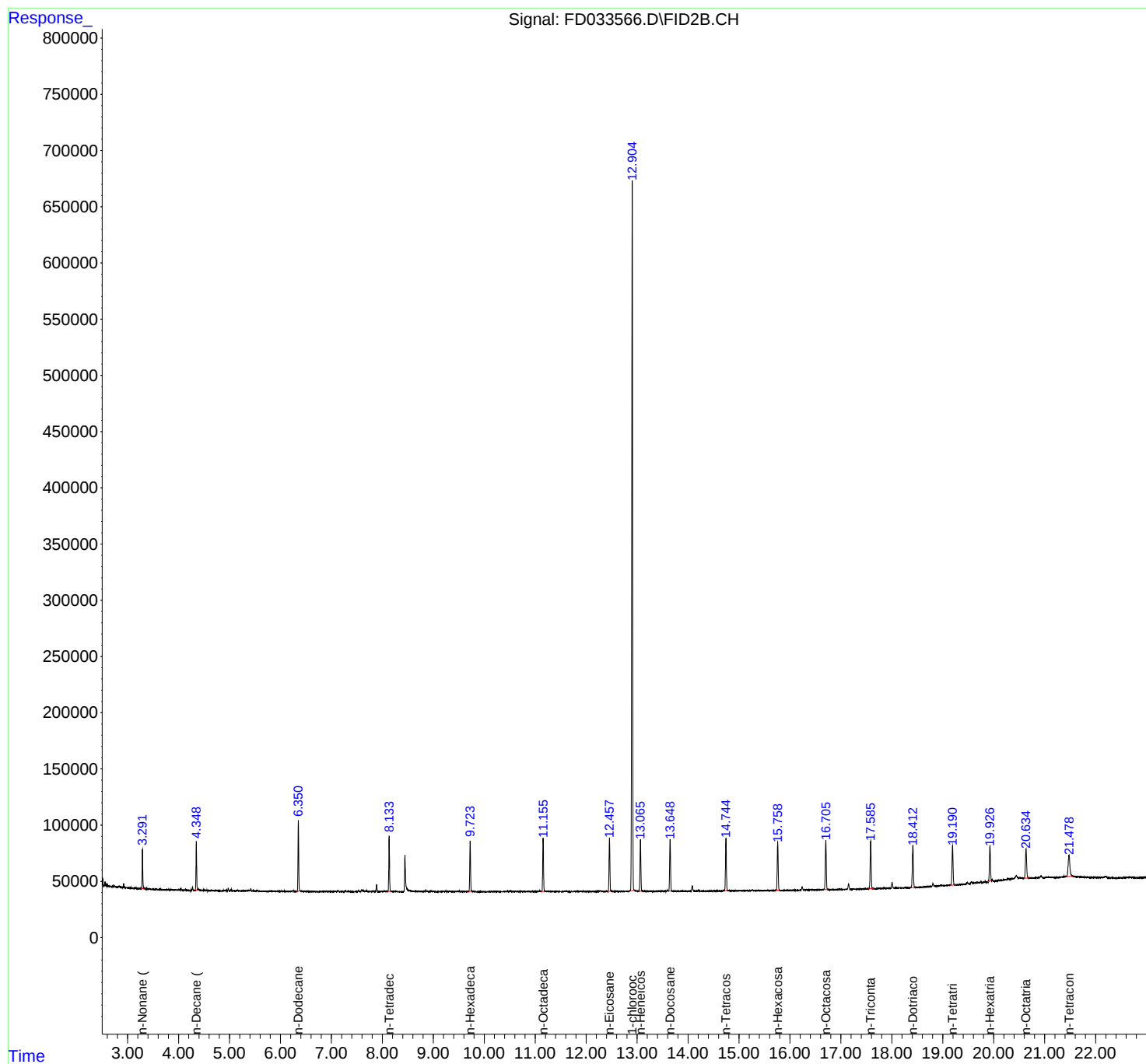
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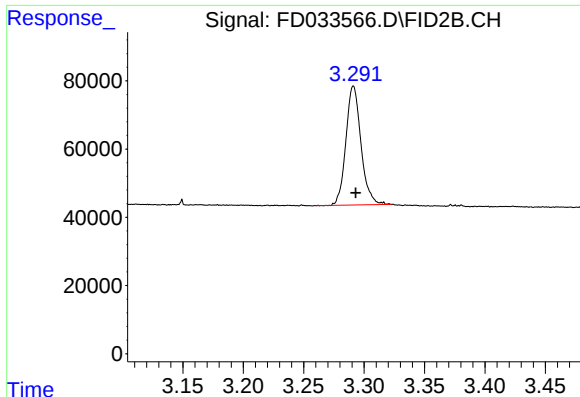
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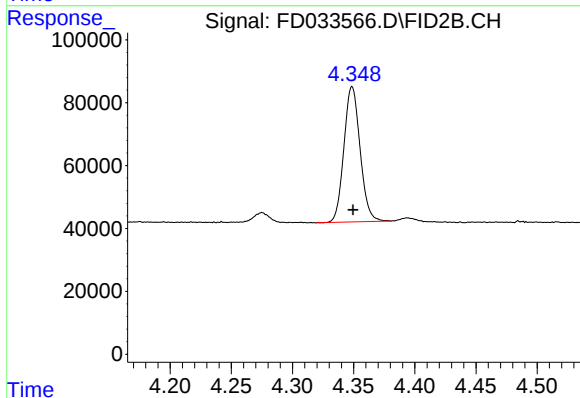




#1 n-Nonane (C9)

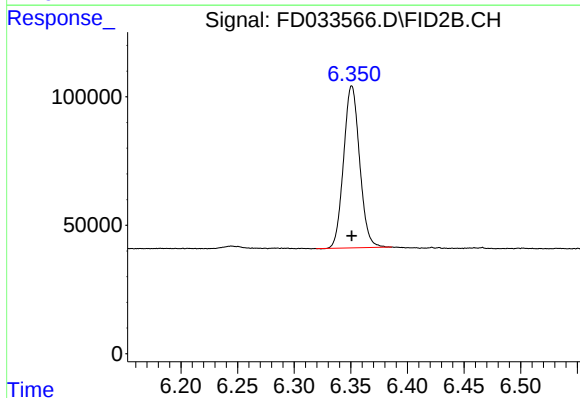
R.T.: 3.291 min
Delta R.T.: -0.002 min
Response: 303236
Conc: 2.64 ug/ml

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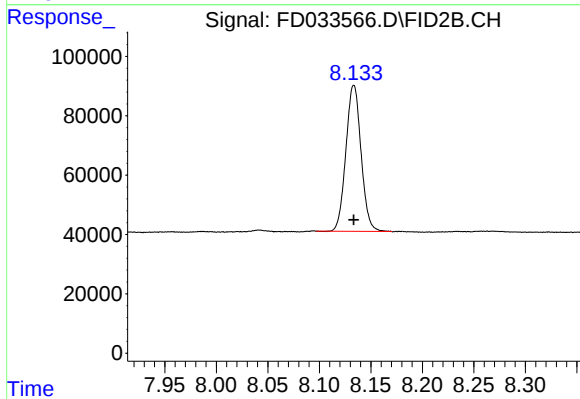
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 395208
Conc: 3.43 ug/ml



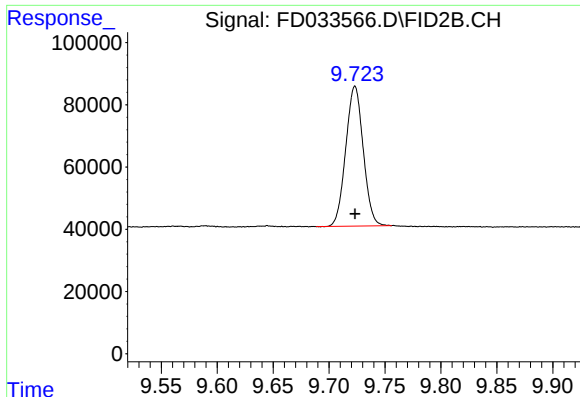
#4 n-Dodecane (C12)

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 621089
Conc: 5.21 ug/ml



#6 n-Tetradecane (C14)

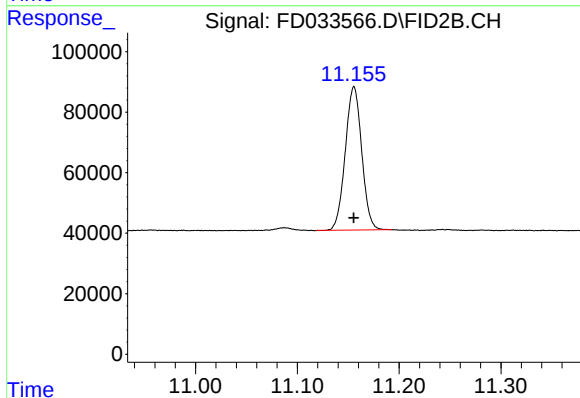
R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 504731
Conc: 4.18 ug/ml



#7 n-Hexadecane (C16)

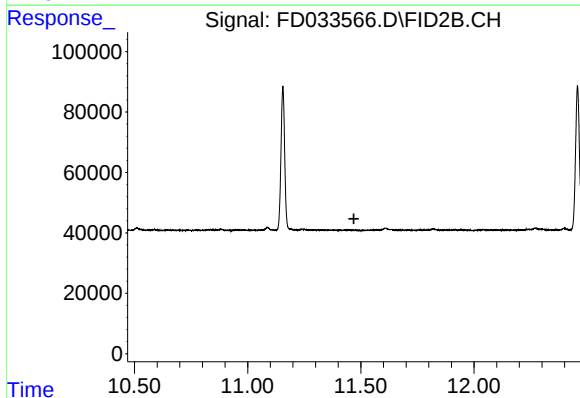
R.T.: 9.723 min
Delta R.T.: 0.000 min
Response: 489716
Conc: 4.10 ug/ml

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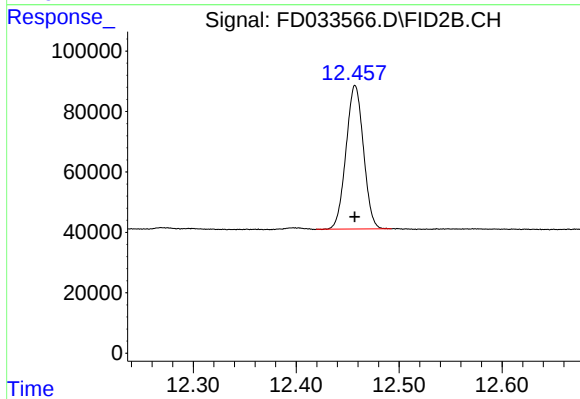
#8 n-Octadecane (C18)

R.T.: 11.156 min
Delta R.T.: 0.000 min
Response: 532618
Conc: 4.20 ug/ml



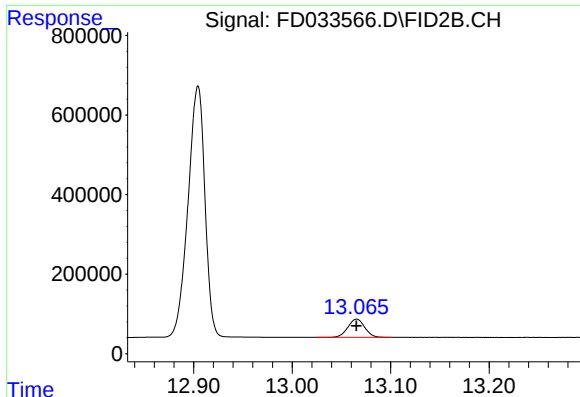
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.469 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

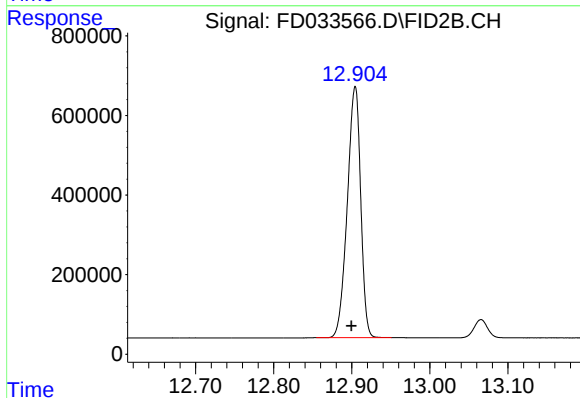
R.T.: 12.457 min
Delta R.T.: 0.000 min
Response: 559501
Conc: 4.34 ug/ml



#11 n-Heneicosane (C21)

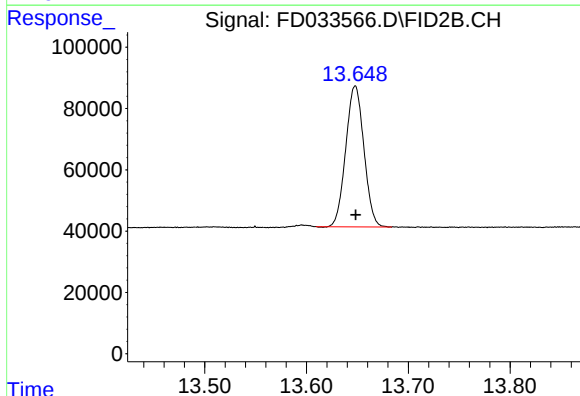
R.T.: 13.066 min
Delta R.T.: 0.000 min
Response: 548574
Conc: 4.26 ug/ml

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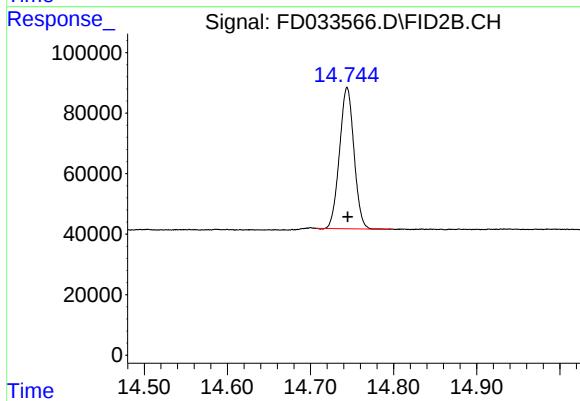
#12 1-chlorooctadecane (SURR)

R.T.: 12.904 min
Delta R.T.: 0.005 min
Response: 7515619
Conc: 67.59 ug/ml



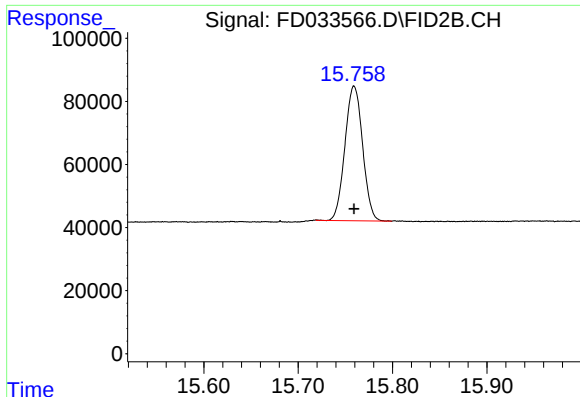
#13 n-Docosane (C22)

R.T.: 13.648 min
Delta R.T.: 0.000 min
Response: 570602
Conc: 4.45 ug/ml



#14 n-Tetracosane (C24)

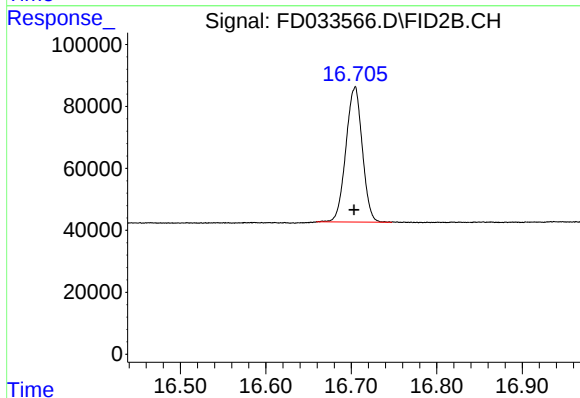
R.T.: 14.744 min
Delta R.T.: 0.000 min
Response: 564717
Conc: 4.44 ug/ml



#15 n-Hexacosane (C26)

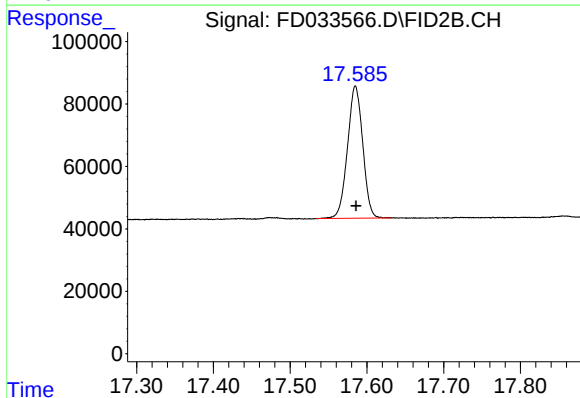
R.T.: 15.759 min
Delta R.T.: 0.000 min
Response: 555979
Conc: 4.44 ug/ml

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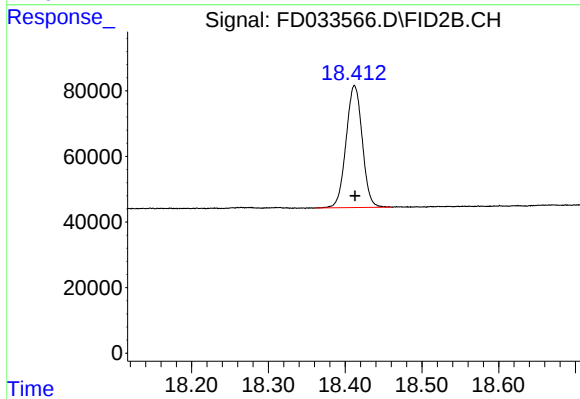
#16 n-Octacosane (C28)

R.T.: 16.704 min
Delta R.T.: 0.000 min
Response: 580239
Conc: 4.67 ug/ml



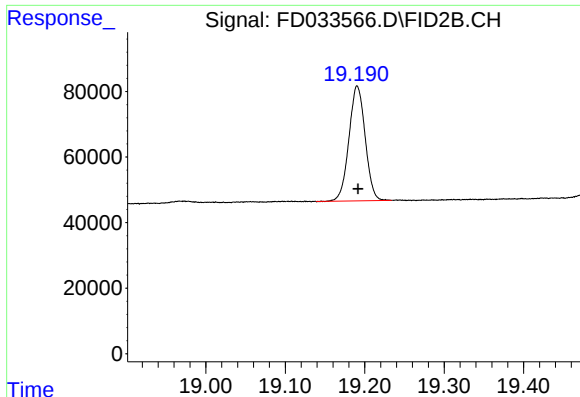
#17 n-Tricontane (C30)

R.T.: 17.585 min
Delta R.T.: 0.000 min
Response: 584697
Conc: 4.86 ug/ml



#18 n-Dotriacontane (C32)

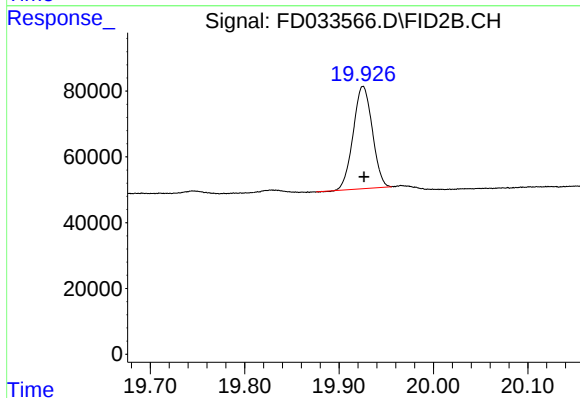
R.T.: 18.412 min
Delta R.T.: 0.000 min
Response: 543842
Conc: 4.97 ug/ml



#19 n-Tetratriacontane (C34)

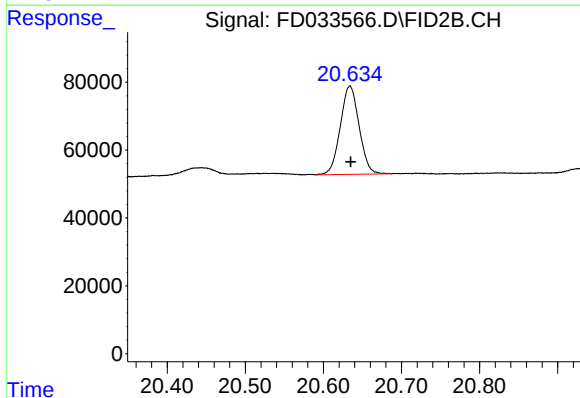
R.T.: 19.191 min
Delta R.T.: -0.001 min
Response: 496898
Conc: 4.85 ug/ml

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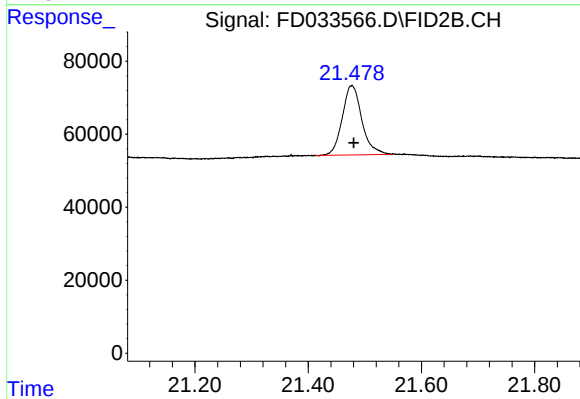
#20 n-Hexatriacontane (C36)

R.T.: 19.925 min
Delta R.T.: -0.001 min
Response: 436728
Conc: 4.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.634 min
Delta R.T.: -0.001 min
Response: 435493
Conc: 4.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.477 min
Delta R.T.: -0.004 min
Response: 457473
Conc: 5.15 ug/ml