

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040621AL\
 Data File : FD036742.D
 Signal(s) : FID2B.CH
 Acq On : 06 Apr 2021 18:21
 Operator : DD\AJ
 Sample : M1458-02
 Misc : LOD-SOIL- 5 PPM
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

Integration File: autoint1.e
 Quant Time: Apr 07 02:33:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 2021
 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...	12.922	4430890	38.073 ug/ml
Spiked Amount 50.000		Recovery =	76.15%
Target Compounds			
1) T n-Nonane (C9)	3.289	611954	4.814 ug/ml
2) T n-Decane (C10)	4.350	622230	4.829 ug/ml
4) T n-Dodecane (C12)	6.359	637131	4.806 ug/ml
6) T n-Tetradecane (C14)	8.146	647362	4.763 ug/ml
7) T n-Hexadecane (C16)	9.740	643602	4.833 ug/ml
8) T n-Octadecane (C18)	11.174	655183	4.730 ug/ml
10) T n-Eicosane (C20)	12.477	615748	4.454 ug/ml
11) T n-Heneicosane (C21)	13.085	603134	4.381 ug/ml
13) T n-Docosane (C22)	13.668	587383	4.318 ug/ml
14) T n-Tetracosane (C24)	14.765	550927	4.155 ug/ml
15) T n-Hexacosane (C26)	15.780	518506	4.095 ug/ml
16) T n-Octacosane (C28)	16.725	500078	4.146 ug/ml
17) T n-Tricontane (C30)	17.607	487434	4.243 ug/ml
18) T n-Dotriacontane (C32)	18.434	477922	4.345 ug/ml
19) T n-Tetratriacontane (C34)	19.212	467267	4.550 ug/ml
20) T n-Hexatriacontane (C36)	19.948	443143	4.535 ug/ml
21) T n-Octatriacontane (C38)	20.658	429835	4.649 ug/ml
22) T n-Tetracontane (C40)	21.507	422645	4.190 ug/ml

(f)=RT Delta > 1/2 Window

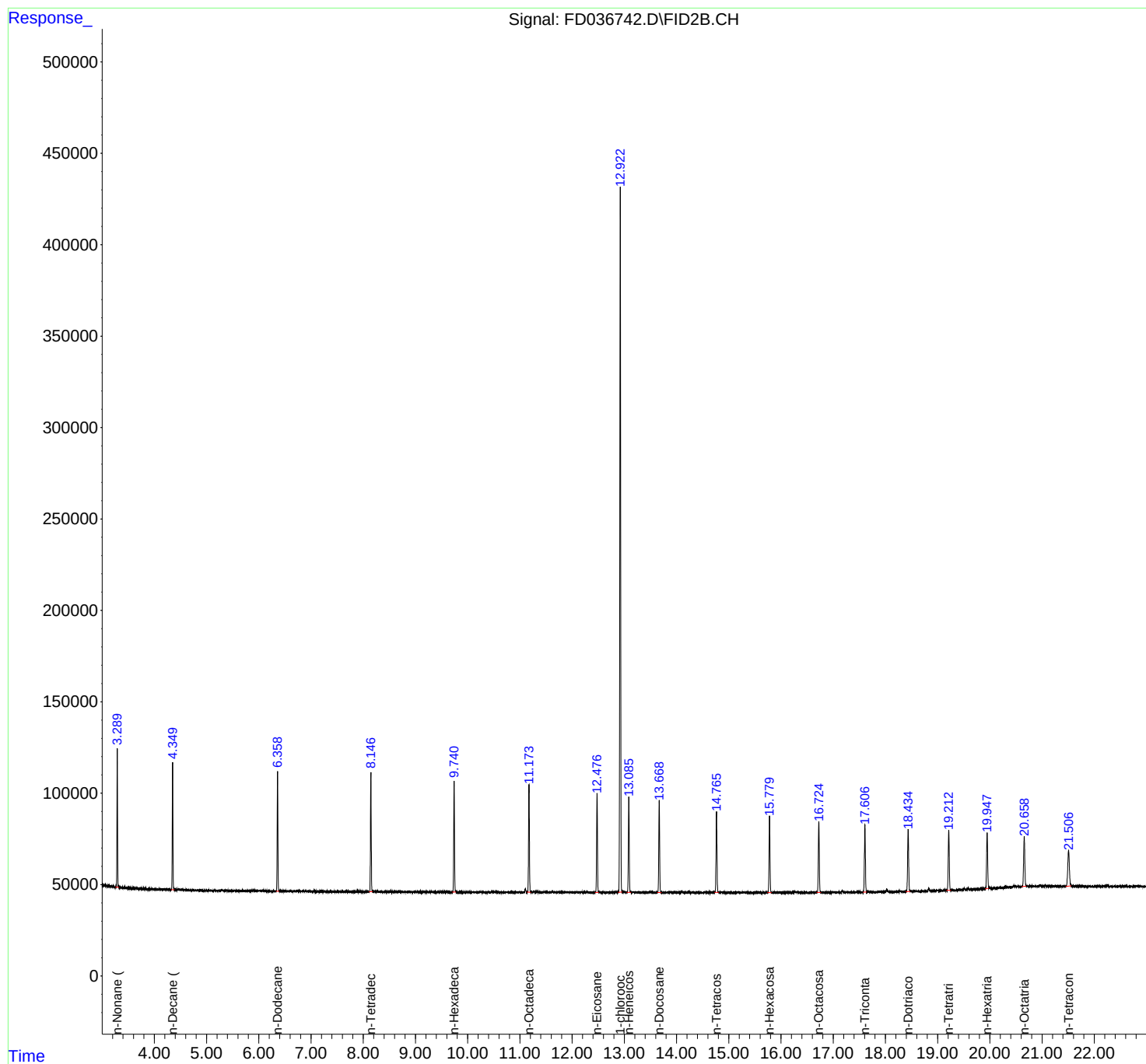
(m)=manual int.

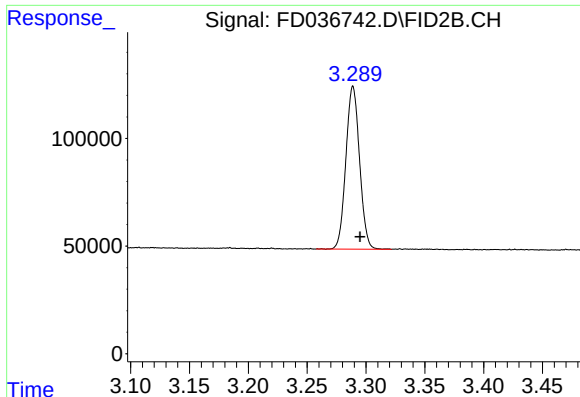
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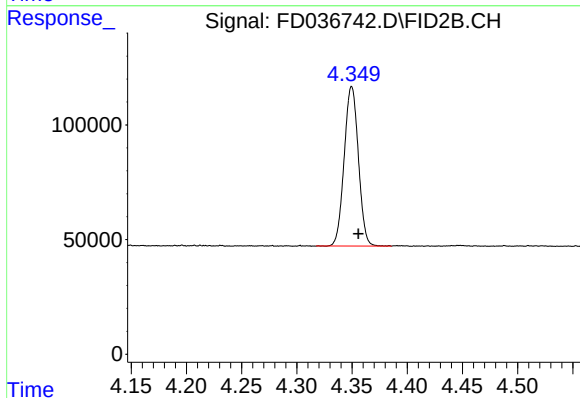




#1 n-Nonane (C9)

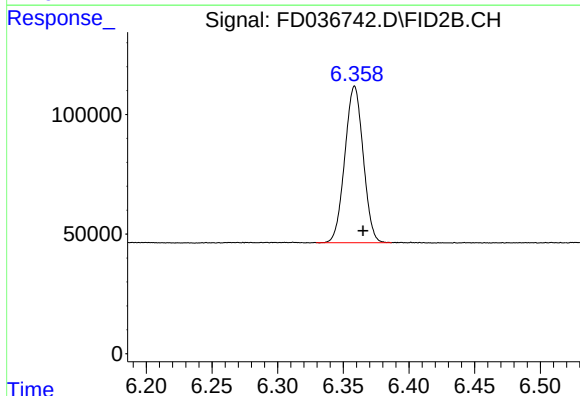
R.T.: 3.289 min
Delta R.T.: -0.006 min
Response: 611954
Conc: 4.81 ug/ml

Instrument :
FID_D
ClientSampleId :
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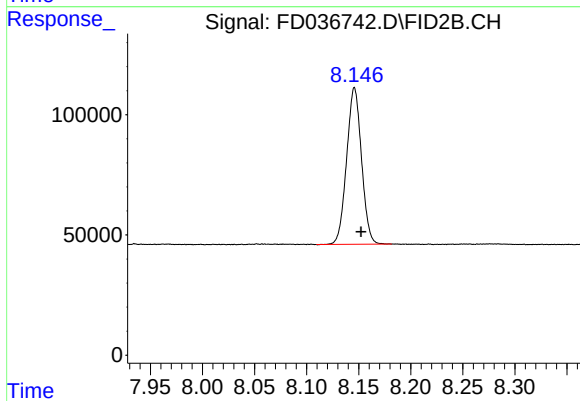
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: -0.006 min
Response: 622230
Conc: 4.83 ug/ml



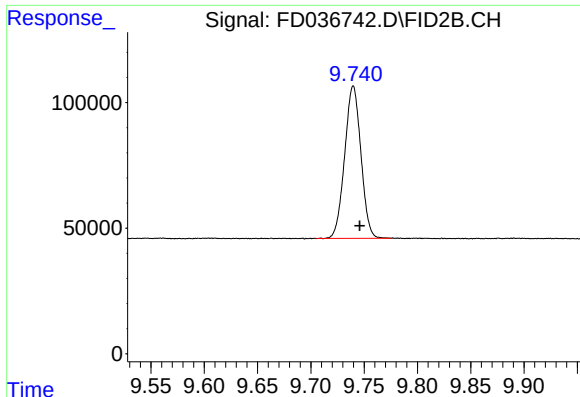
#4 n-Dodecane (C12)

R.T.: 6.359 min
Delta R.T.: -0.006 min
Response: 637131
Conc: 4.81 ug/ml



#6 n-Tetradecane (C14)

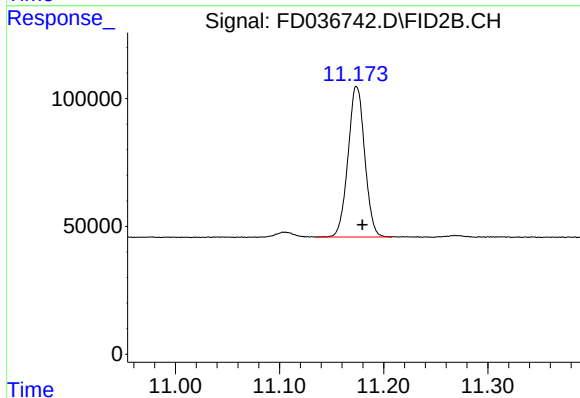
R.T.: 8.146 min
Delta R.T.: -0.006 min
Response: 647362
Conc: 4.76 ug/ml



#7 n-Hexadecane (C16)

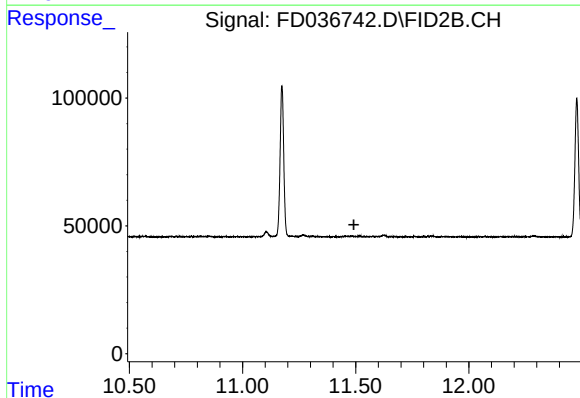
R.T.: 9.740 min
Delta R.T.: -0.006 min
Response: 643602
Conc: 4.83 ug/ml

Instrument :
FID_D
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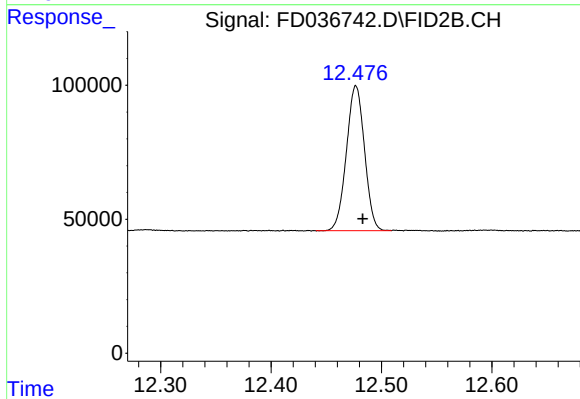
#8 n-Octadecane (C18)

R.T.: 11.174 min
Delta R.T.: -0.006 min
Response: 655183
Conc: 4.73 ug/ml



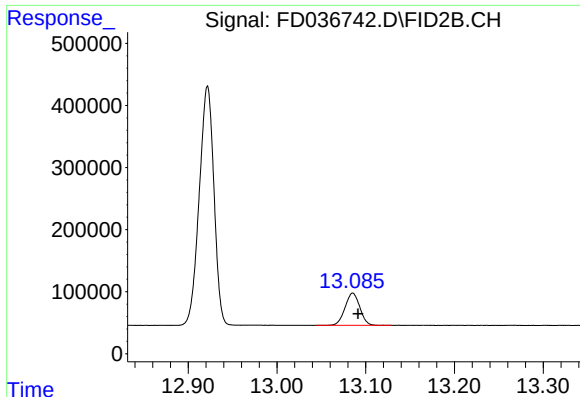
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.492 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

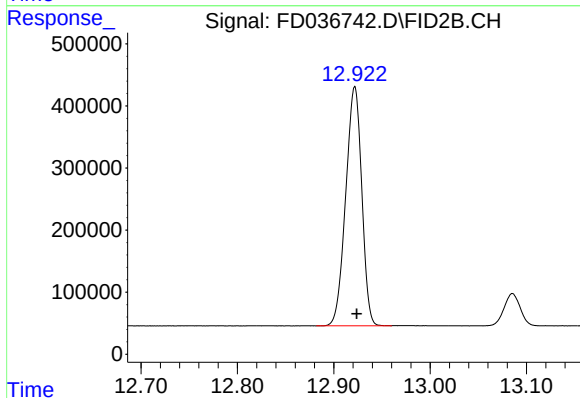
R.T.: 12.477 min
Delta R.T.: -0.006 min
Response: 615748
Conc: 4.45 ug/ml



#11 n-Heneicosane (C21)

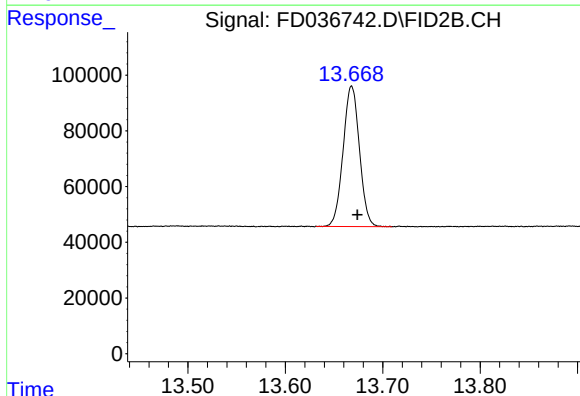
R.T.: 13.085 min
Delta R.T.: -0.006 min
Response: 603134
Conc: 4.38 ug/ml

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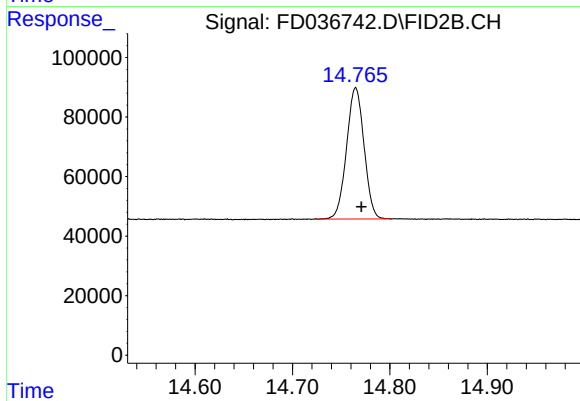
#12 1-chlorooctadecane (SURR)

R.T.: 12.922 min
Delta R.T.: -0.002 min
Response: 4430890
Conc: 38.07 ug/ml



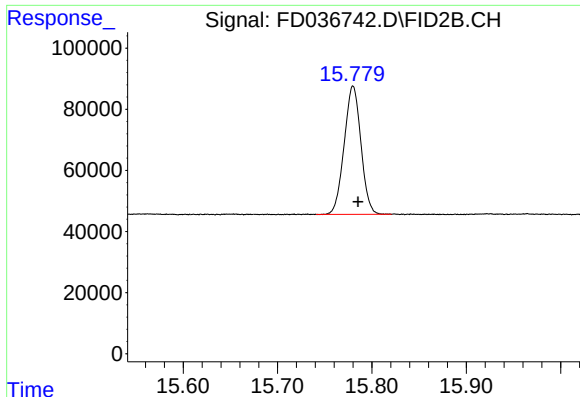
#13 n-Docosane (C22)

R.T.: 13.668 min
Delta R.T.: -0.006 min
Response: 587383
Conc: 4.32 ug/ml



#14 n-Tetracosane (C24)

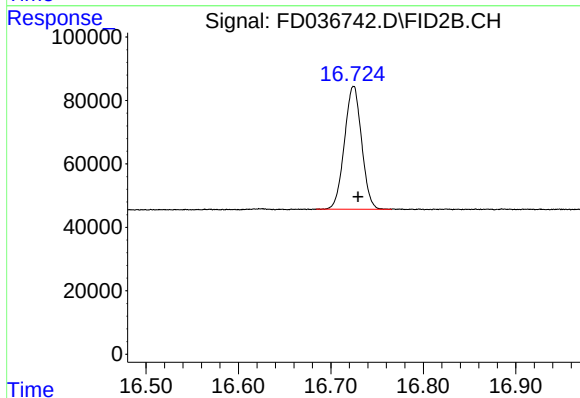
R.T.: 14.765 min
Delta R.T.: -0.006 min
Response: 550927
Conc: 4.16 ug/ml



#15 n-Hexacosane (C26)

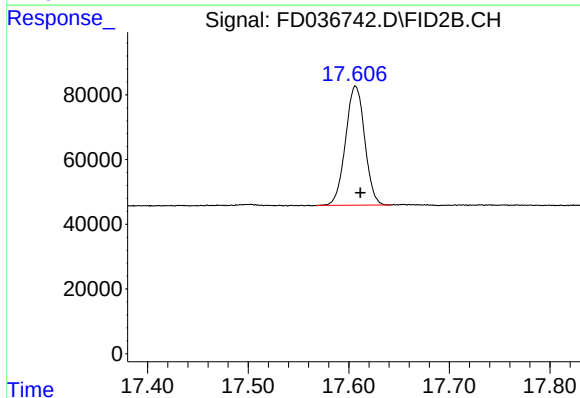
R.T.: 15.780 min
Delta R.T.: -0.005 min
Response: 518506
Conc: 4.10 ug/ml

Instrument :
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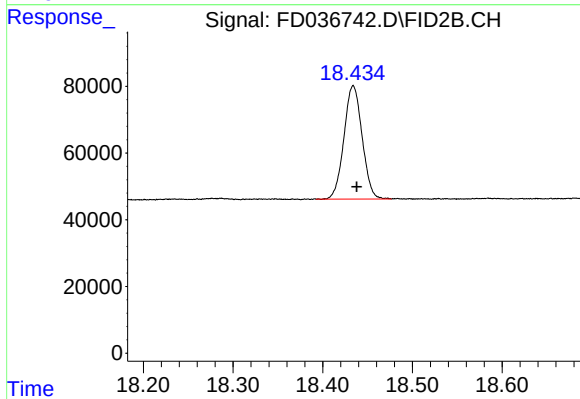
#16 n-Octacosane (C28)

R.T.: 16.725 min
Delta R.T.: -0.005 min
Response: 500078
Conc: 4.15 ug/ml



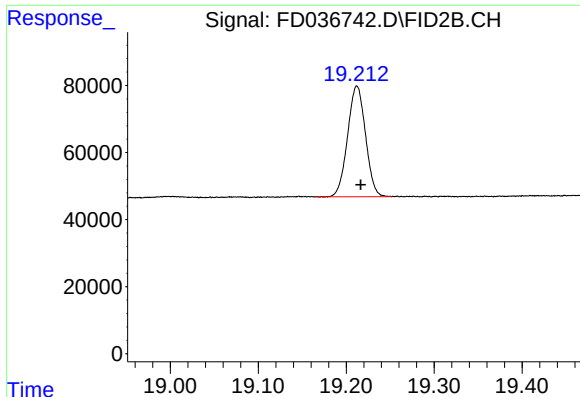
#17 n-Tricontane (C30)

R.T.: 17.607 min
Delta R.T.: -0.005 min
Response: 487434
Conc: 4.24 ug/ml



#18 n-Dotriacontane (C32)

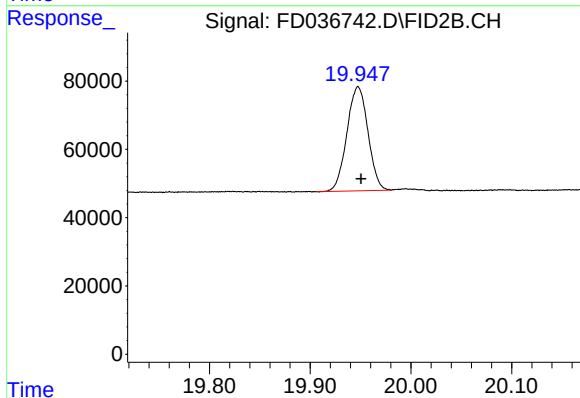
R.T.: 18.434 min
Delta R.T.: -0.004 min
Response: 477922
Conc: 4.35 ug/ml



#19 n-Tetratriacontane (C34)

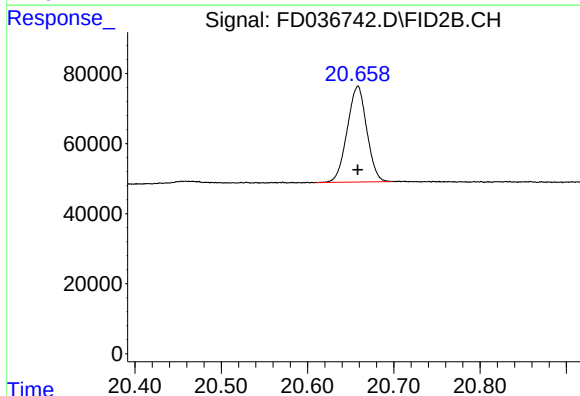
R.T.: 19.212 min
Delta R.T.: -0.004 min
Response: 467267
Conc: 4.55 ug/ml

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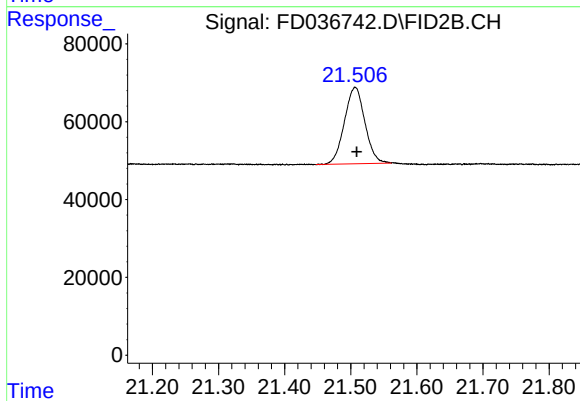
#20 n-Hexatriacontane (C36)

R.T.: 19.948 min
Delta R.T.: -0.003 min
Response: 443143
Conc: 4.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.658 min
Delta R.T.: 0.000 min
Response: 429835
Conc: 4.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.507 min
Delta R.T.: -0.002 min
Response: 422645
Conc: 4.19 ug/ml