

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040621AL\
 Data File : FD036741.D
 Signal(s) : FID2B.CH
 Acq On : 06 Apr 2021 17:42
 Operator : DD\AJ
 Sample : M1458-01
 Misc : LOD-SOIL- 4 PPM
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Integration File: autoint1.e
 Quant Time: Apr 07 02:33:29 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...	12.923	4580164	39.355 ug/ml
Spiked Amount 50.000		Recovery =	78.71%
Target Compounds			
1) T n-Nonane (C9)	3.288	506169	3.982 ug/ml
2) T n-Decane (C10)	4.349	514732	3.995 ug/ml
4) T n-Dodecane (C12)	6.359	526069	3.968 ug/ml
6) T n-Tetradecane (C14)	8.146	532425	3.917 ug/ml
7) T n-Hexadecane (C16)	9.740	528996	3.972 ug/ml
8) T n-Octadecane (C18)	11.174	541309	3.908 ug/ml
10) T n-Eicosane (C20)	12.477	508540	3.679 ug/ml
11) T n-Heneicosane (C21)	13.086	497393	3.613 ug/ml
13) T n-Docosane (C22)	13.669	481986	3.543 ug/ml
14) T n-Tetracosane (C24)	14.766	452598	3.414 ug/ml
15) T n-Hexacosane (C26)	15.780	421512	3.329 ug/ml
16) T n-Octacosane (C28)	16.724	409932	3.399 ug/ml
17) T n-Tricontane (C30)	17.605	403506	3.513 ug/ml
18) T n-Dotriacontane (C32)	18.433	392909	3.572 ug/ml
19) T n-Tetratriacontane (C34)	19.212	383932	3.738 ug/ml
20) T n-Hexatriacontane (C36)	19.946	363357	3.719 ug/ml
21) T n-Octatriacontane (C38)	20.656	353227	3.820 ug/ml
22) T n-Tetracontane (C40)	21.505	342773	3.398 ug/ml

(f)=RT Delta > 1/2 Window

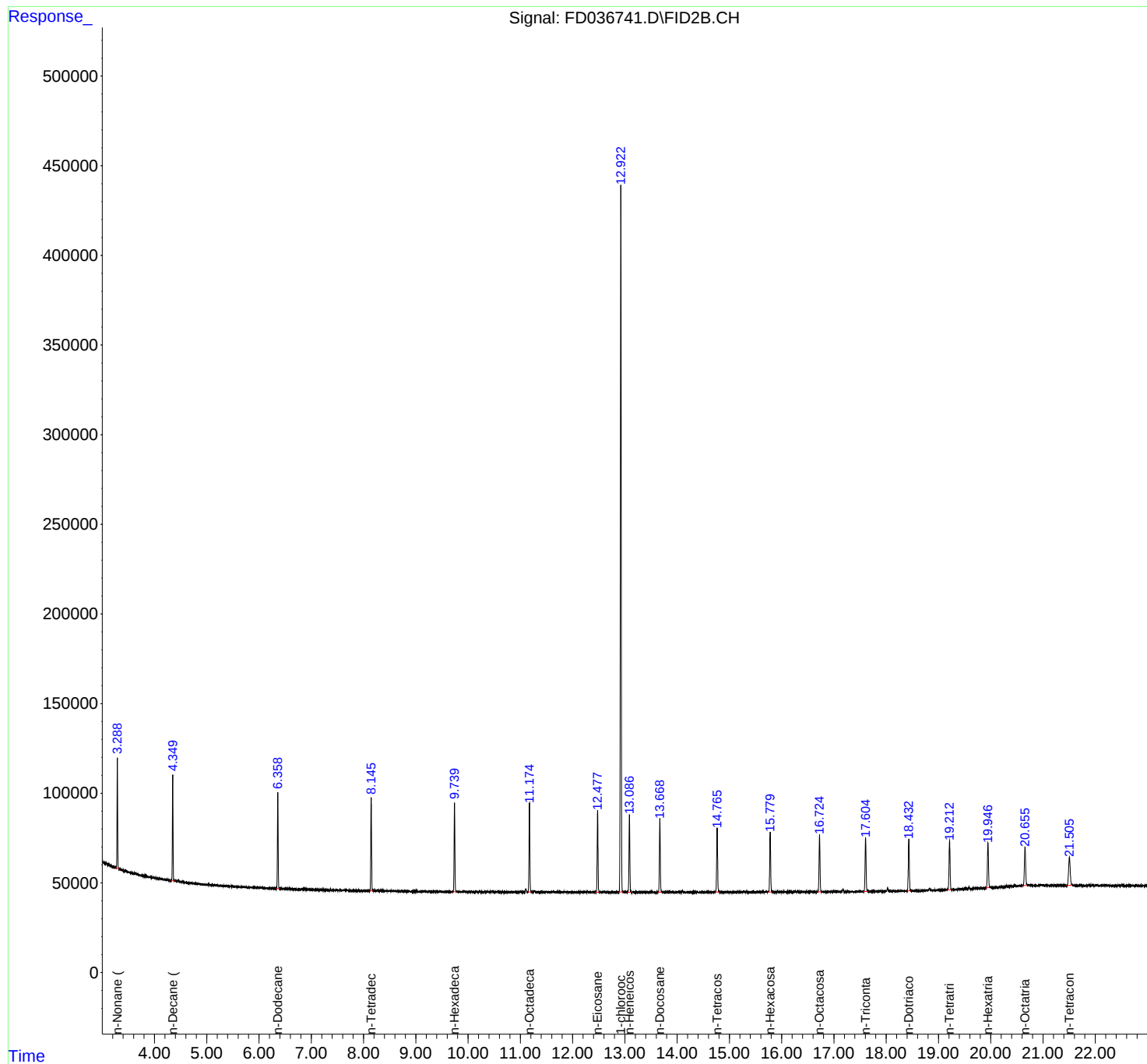
(m)=manual int.

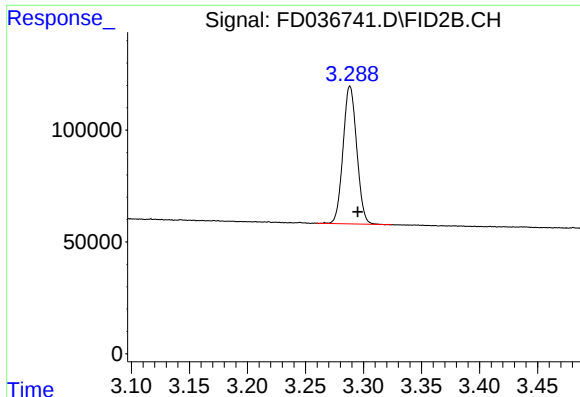
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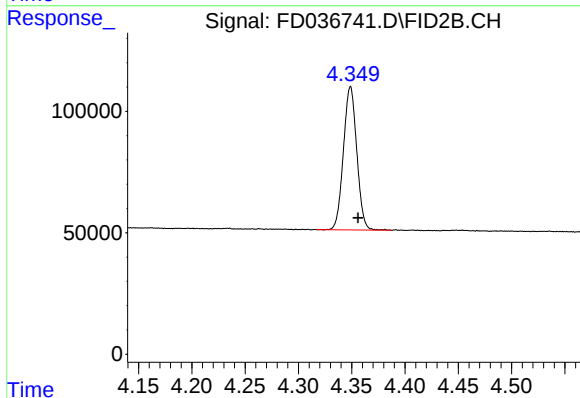




#1 n-Nonane (C9)

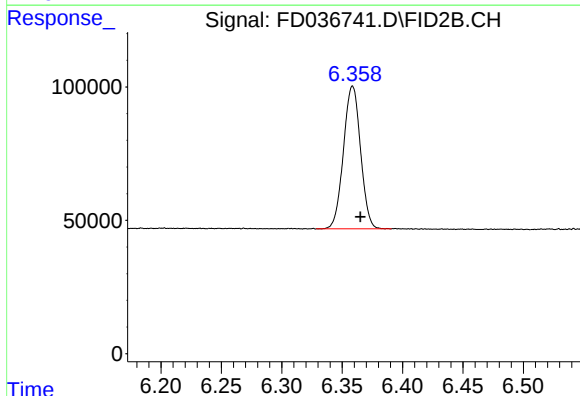
R.T.: 3.288 min
Delta R.T.: -0.007 min
Response: 506169
Conc: 3.98 ug/ml

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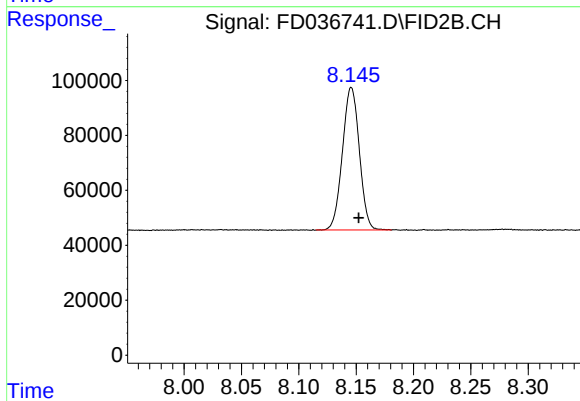
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: -0.007 min
Response: 514732
Conc: 3.99 ug/ml



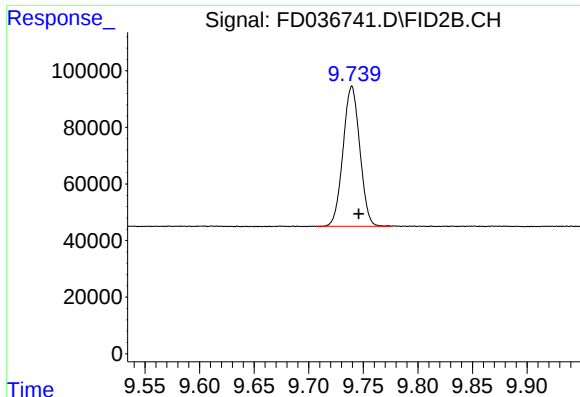
#4 n-Dodecane (C12)

R.T.: 6.359 min
Delta R.T.: -0.006 min
Response: 526069
Conc: 3.97 ug/ml



#6 n-Tetradecane (C14)

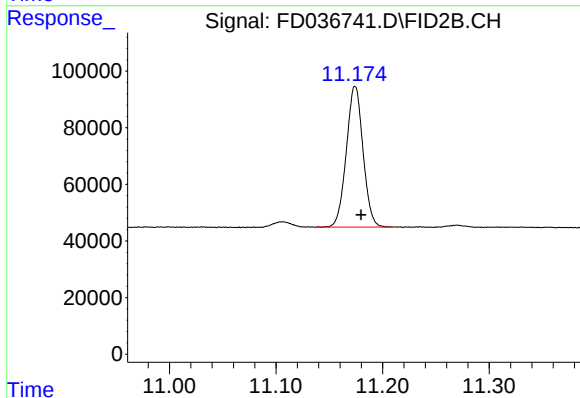
R.T.: 8.146 min
Delta R.T.: -0.007 min
Response: 532425
Conc: 3.92 ug/ml



#7 n-Hexadecane (C16)

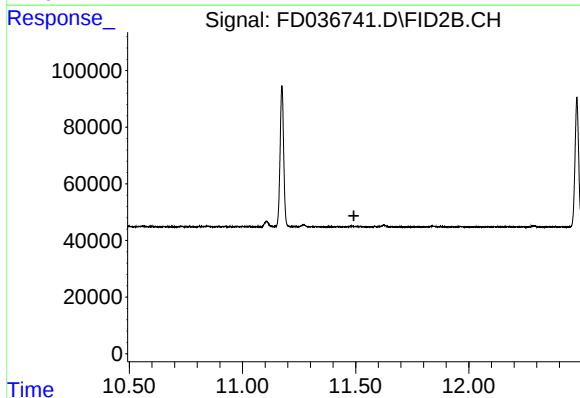
R.T.: 9.740 min
Delta R.T.: -0.006 min
Response: 528996
Conc: 3.97 ug/ml

Instrument :
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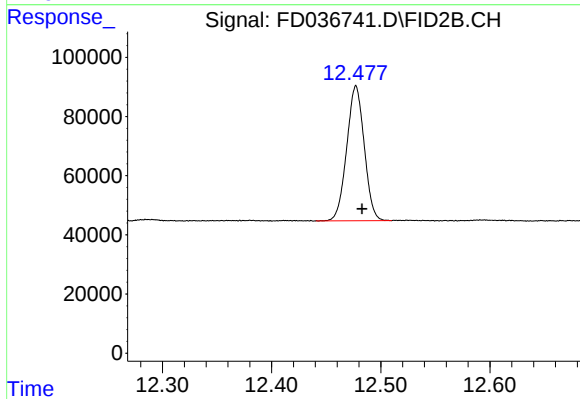
#8 n-Octadecane (C18)

R.T.: 11.174 min
Delta R.T.: -0.005 min
Response: 541309
Conc: 3.91 ug/ml



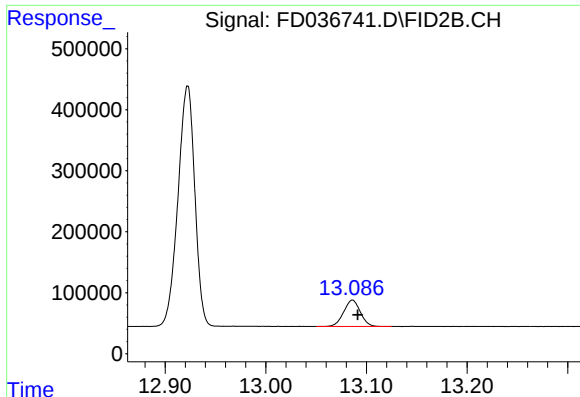
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

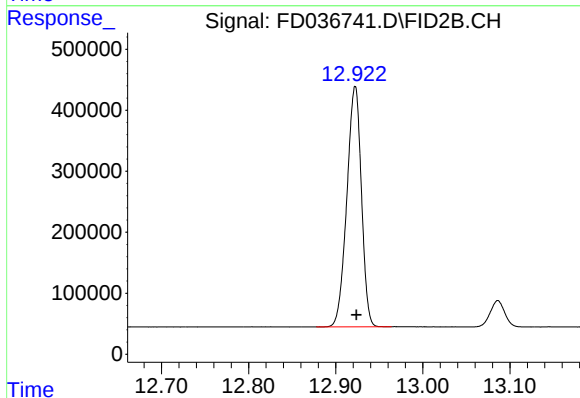
R.T.: 12.477 min
Delta R.T.: -0.006 min
Response: 508540
Conc: 3.68 ug/ml



#11 n-Heneicosane (C21)

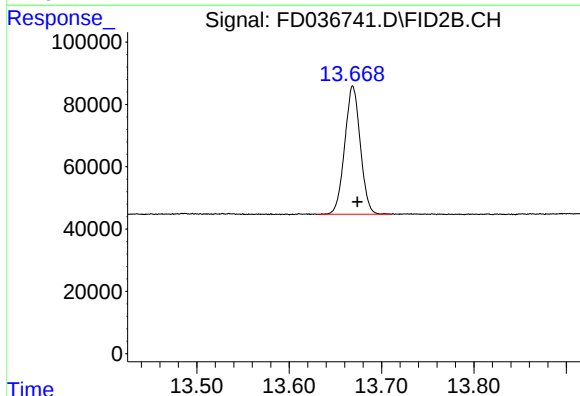
R.T.: 13.086 min
Delta R.T.: -0.005 min
Response: 497393
Conc: 3.61 ug/ml

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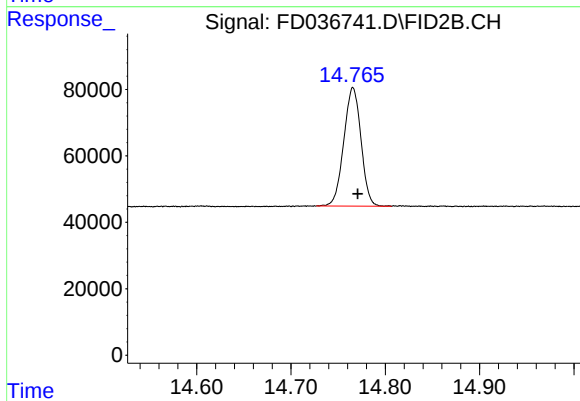
#12 1-chlorooctadecane (SURR)

R.T.: 12.923 min
Delta R.T.: -0.001 min
Response: 4580164
Conc: 39.36 ug/ml



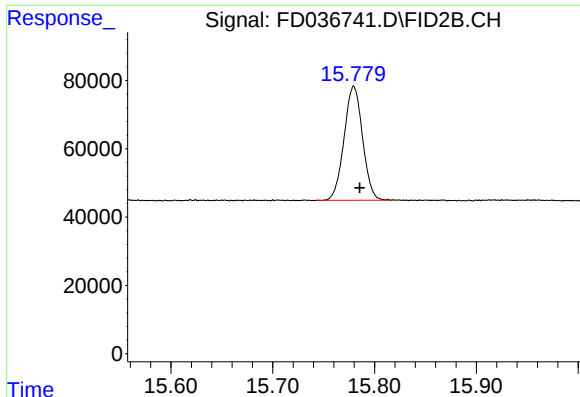
#13 n-Docosane (C22)

R.T.: 13.669 min
Delta R.T.: -0.005 min
Response: 481986
Conc: 3.54 ug/ml



#14 n-Tetracosane (C24)

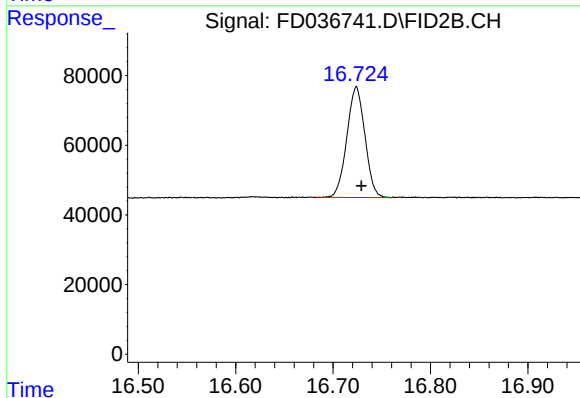
R.T.: 14.766 min
Delta R.T.: -0.005 min
Response: 452598
Conc: 3.41 ug/ml



#15 n-Hexacosane (C26)

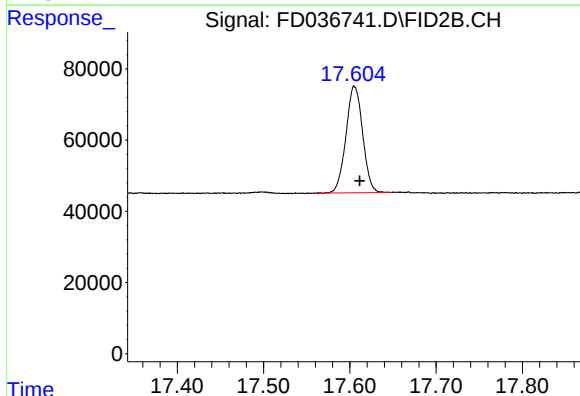
R.T.: 15.780 min
Delta R.T.: -0.006 min
Response: 421512
Conc: 3.33 ug/ml

Instrument :
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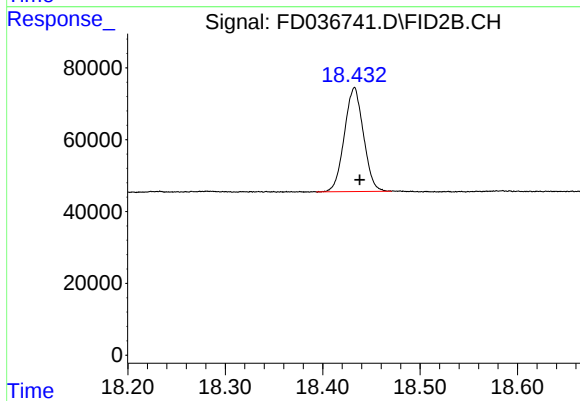
#16 n-Octacosane (C28)

R.T.: 16.724 min
Delta R.T.: -0.005 min
Response: 409932
Conc: 3.40 ug/ml



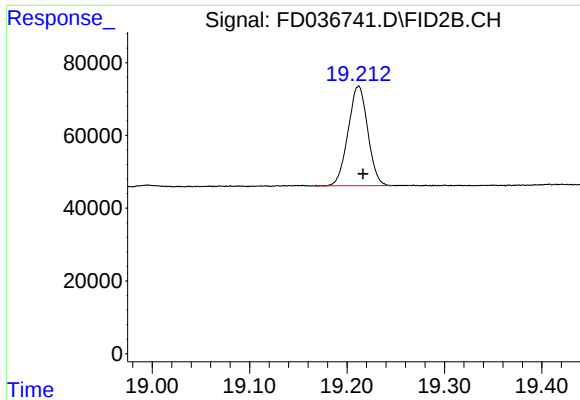
#17 n-Tricontane (C30)

R.T.: 17.605 min
Delta R.T.: -0.006 min
Response: 403506
Conc: 3.51 ug/ml



#18 n-Dotriacontane (C32)

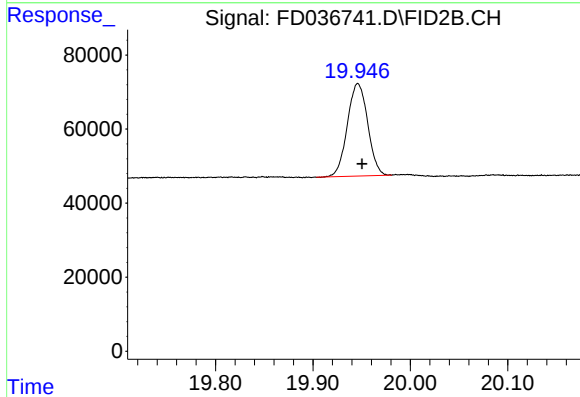
R.T.: 18.433 min
Delta R.T.: -0.005 min
Response: 392909
Conc: 3.57 ug/ml



#19 n-Tetratriacontane (C34)

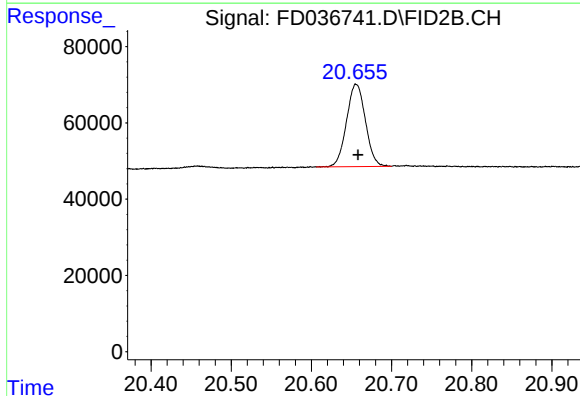
R.T.: 19.212 min
Delta R.T.: -0.004 min
Response: 383932
Conc: 3.74 ug/ml

Instrument :
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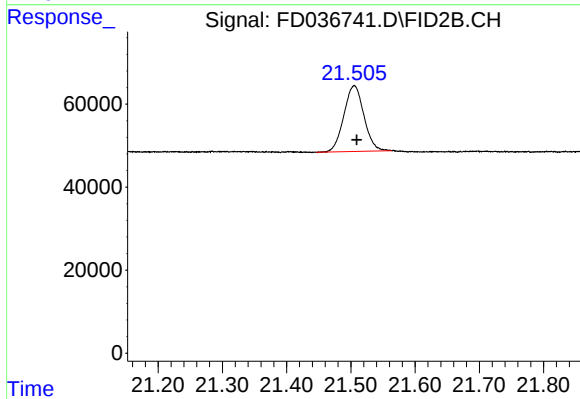
#20 n-Hexatriacontane (C36)

R.T.: 19.946 min
Delta R.T.: -0.004 min
Response: 363357
Conc: 3.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.656 min
Delta R.T.: -0.002 min
Response: 353227
Conc: 3.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.505 min
Delta R.T.: -0.004 min
Response: 342773
Conc: 3.40 ug/ml