

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070522AL\
 Data File : FE036361.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jul 2022 14:22
 Operator : YP\AJ
 Sample : N3214-09
 Misc : 2.5 PPM WATER LOD MDL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2022
 Supervised By :Ankita Jodhani 07/06/2022

Integration File: autoint1.e
 Quant Time: Jul 06 03:48:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	13.309	4562492	29.470 ug/ml
Spiked Amount 50.000		Recovery =	58.94%
Target Compounds			
1) T n-Nonane (C9)	3.260	253186	1.408 ug/ml
2) T n-Decane (C10)	4.513	314924	1.752 ug/ml
4) T n-Dodecane (C12)	6.681	529002	2.856 ug/ml
6) T n-Tetradecane (C14)	8.508	415644	2.223 ug/ml
7) T n-Hexadecane (C16)	10.114	379489	2.026 ug/ml
8) T n-Octadecane (C18)	11.555	400270	2.151 ug/ml
10) T n-Eicosane (C20)	12.864	395630	2.184 ug/ml
11) T n-Heneicosane (C21)	13.475	389970	2.171 ug/ml
13) T n-Docosane (C22)	14.061	389785	2.205 ug/ml
14) T n-Tetracosane (C24)	15.163	399608	2.333 ug/ml
15) T n-Hexacosane (C26)	16.183	376962	2.282 ug/ml
16) T n-Octacosane (C28)	17.133	379382	2.370 ug/ml
17) T n-Tricontane (C30)	18.021	417735	2.698 ug/ml
18) T n-Dotriacontane (C32)	18.854	427964	2.929 ug/ml
19) T n-Tetratriacontane (C34)	19.638	409417	2.959 ug/ml
20) T n-Hexatriacontane (C36)	20.378	373681	2.784 ug/ml
21) T n-Octatriacontane (C38)	21.107	714949	5.376 ug/ml
22) T n-Tetracontane (C40)	21.998	375011	2.682 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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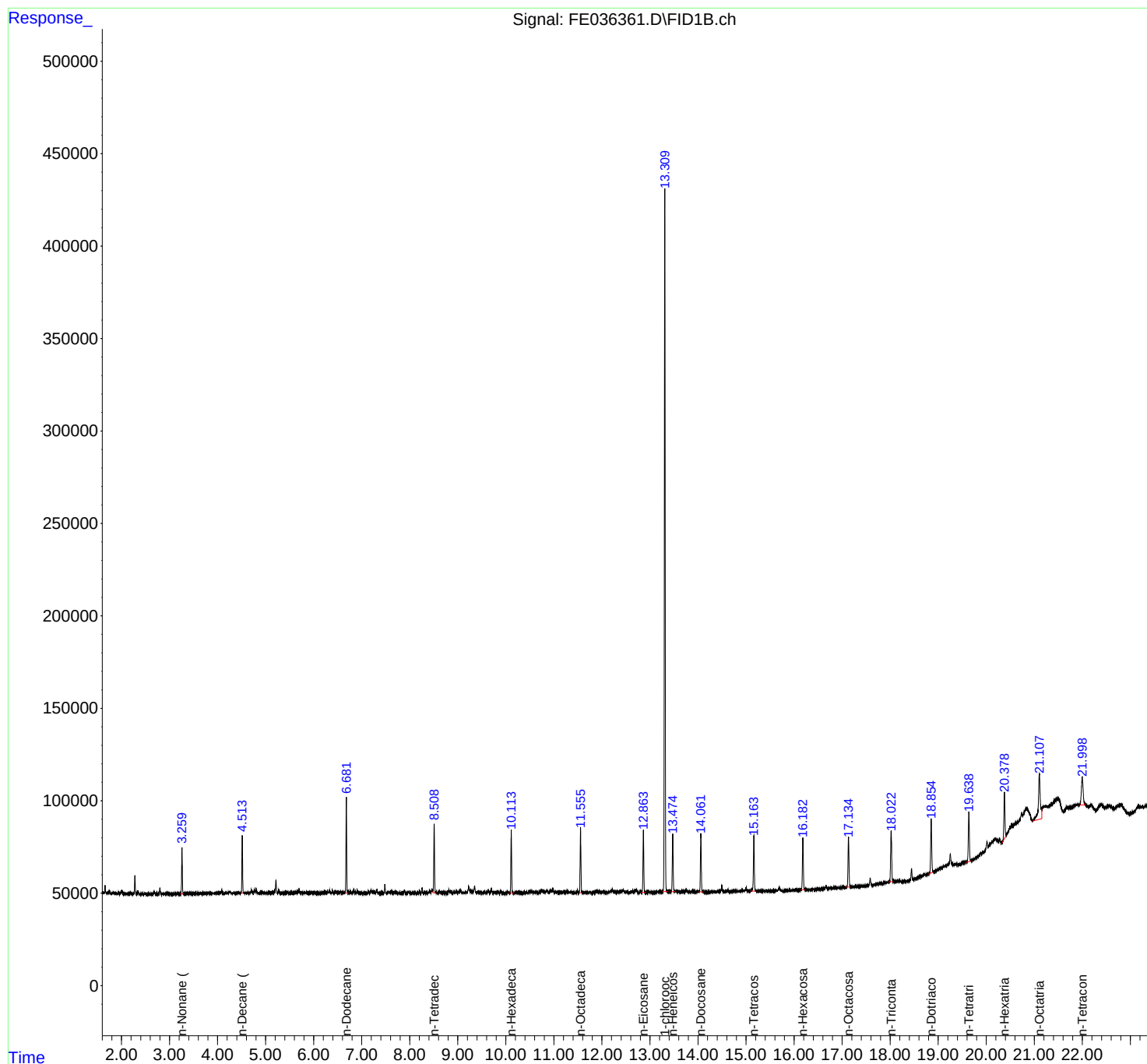
Instrument :
FID_E
ClientSampleId :

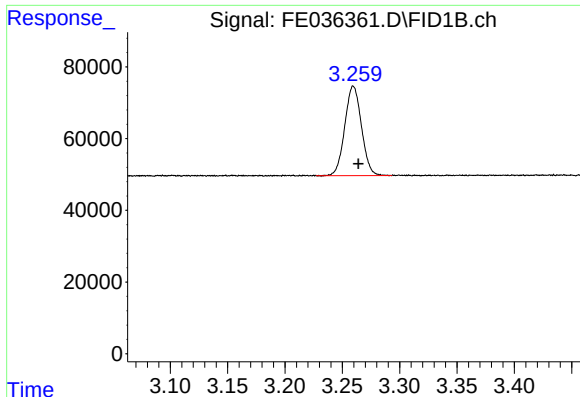
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#1 n-Nonane (C9)

R.T.: 3.260 min
Delta R.T.: -0.004 min
Response: 253186
Conc: 1.41 ug/ml

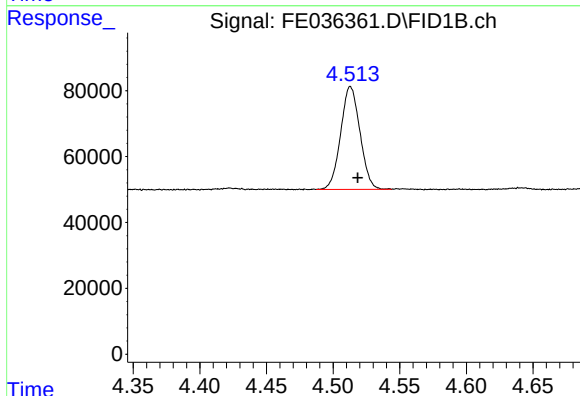
Instrument :

FID_E

ClientSampleId :

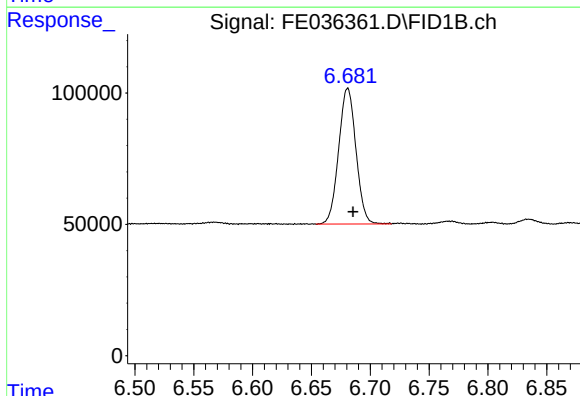
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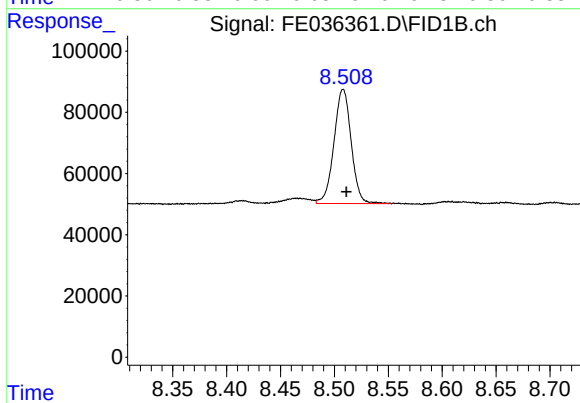
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: -0.005 min
Response: 314924
Conc: 1.75 ug/ml



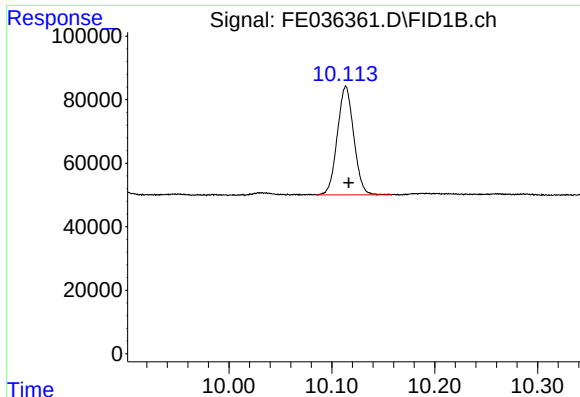
#4 n-Dodecane (C12)

R.T.: 6.681 min
Delta R.T.: -0.004 min
Response: 529002
Conc: 2.86 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.508 min
Delta R.T.: -0.003 min
Response: 415644
Conc: 2.22 ug/ml



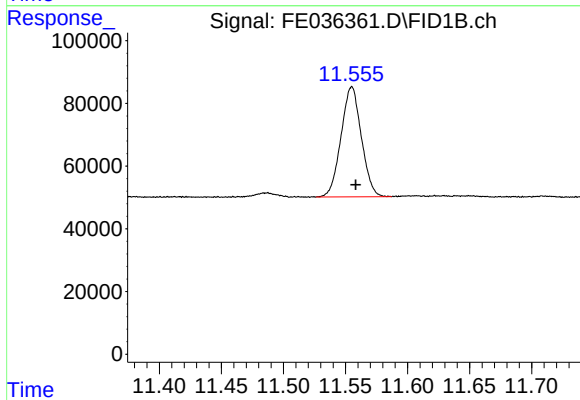
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: -0.003 min
Response: 379489
Conc: 2.03 ug/ml

Instrument :
FID_E
ClientSampleId :

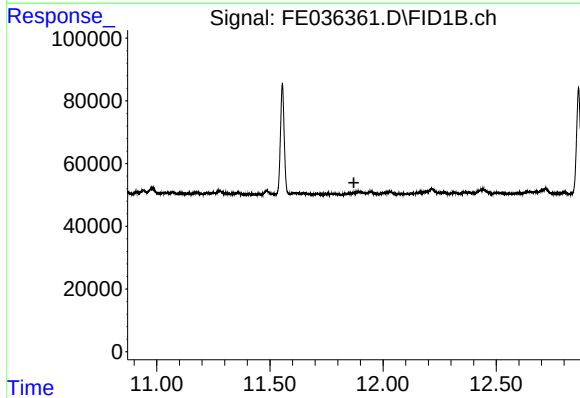
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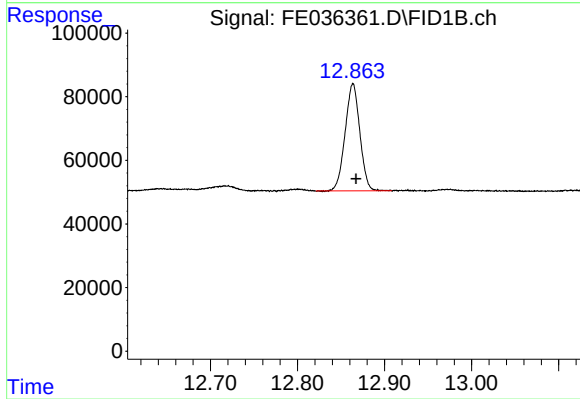
#8 n-Octadecane (C18)

R.T.: 11.555 min
Delta R.T.: -0.003 min
Response: 400270
Conc: 2.15 ug/ml



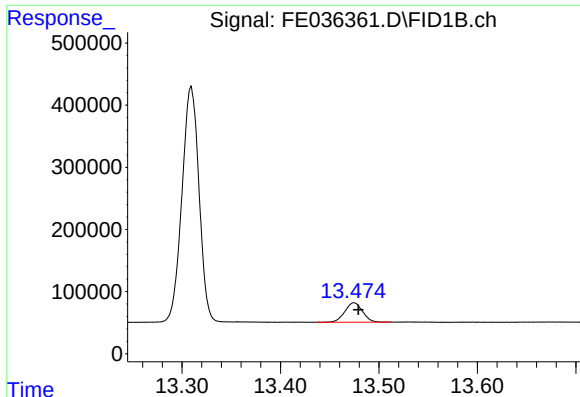
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.871 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.864 min
Delta R.T.: -0.004 min
Response: 395630
Conc: 2.18 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.475 min
Delta R.T.: -0.005 min
Response: 389970
Conc: 2.17 ug/ml

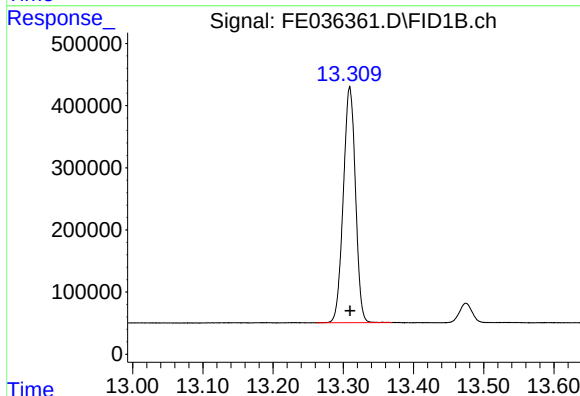
Instrument :

FID_E

ClientSampleId :

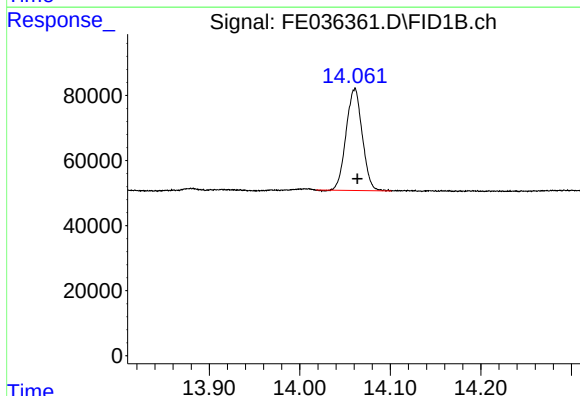
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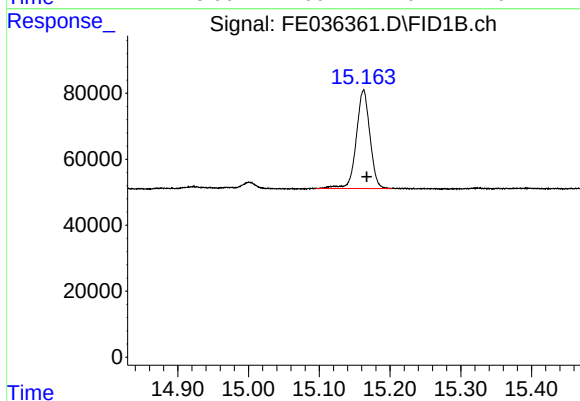
#12 1-chlorooctadecane (SURR)

R.T.: 13.309 min
Delta R.T.: 0.000 min
Response: 4562492
Conc: 29.47 ug/ml



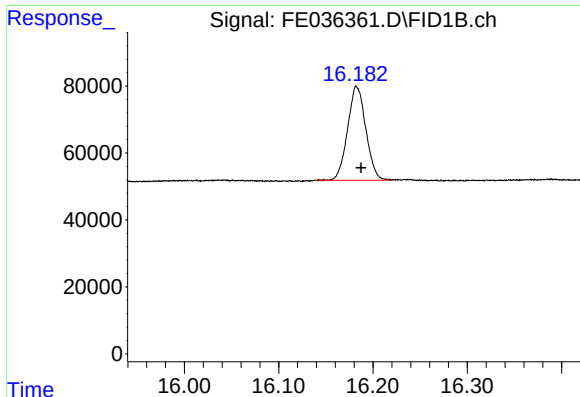
#13 n-Docosane (C22)

R.T.: 14.061 min
Delta R.T.: -0.003 min
Response: 389785
Conc: 2.20 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: -0.004 min
Response: 399608
Conc: 2.33 ug/ml



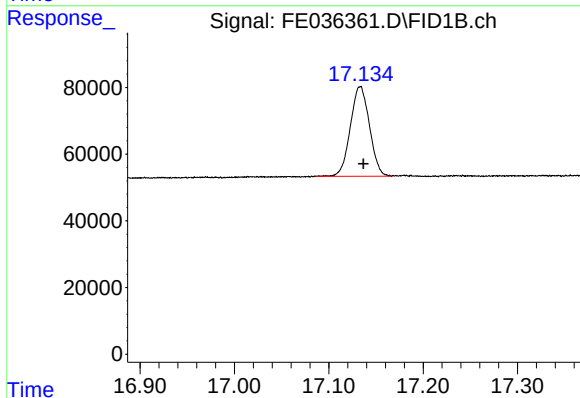
#15 n-Hexacosane (C26)

R.T.: 16.183 min
Delta R.T.: -0.005 min
Response: 376962
Conc: 2.28 ug/ml

Instrument :
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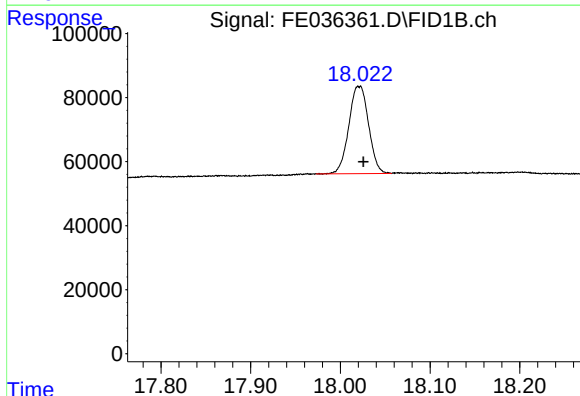
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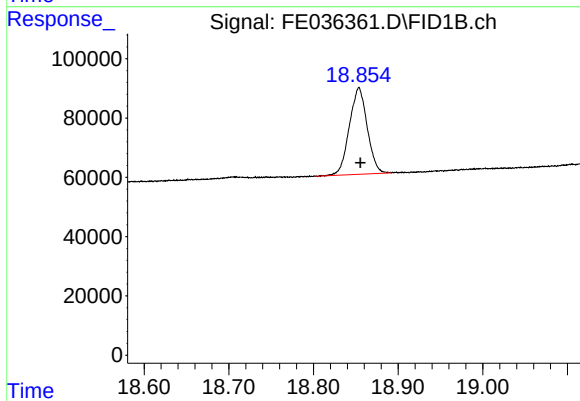
#16 n-Octacosane (C28)

R.T.: 17.133 min
Delta R.T.: -0.003 min
Response: 379382
Conc: 2.37 ug/ml



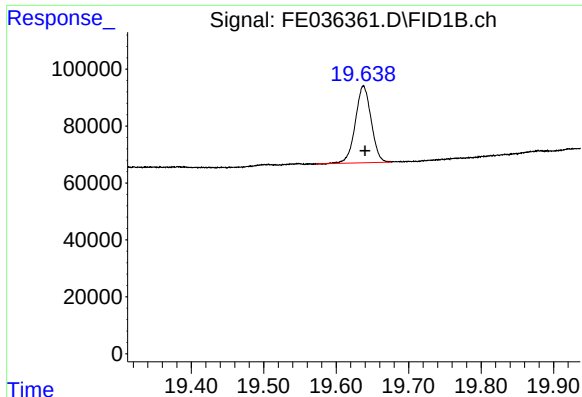
#17 n-Tricontane (C30)

R.T.: 18.021 min
Delta R.T.: -0.004 min
Response: 417735
Conc: 2.70 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: -0.002 min
Response: 427964
Conc: 2.93 ug/ml



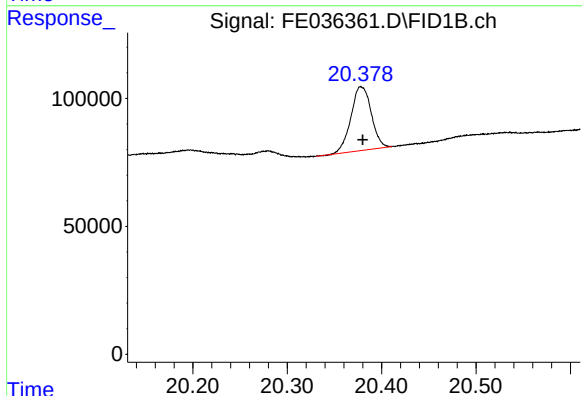
#19 n-Tetratriacontane (C34)

R.T.: 19.638 min
Delta R.T.: -0.002 min
Response: 409417
Conc: 2.96 ug/ml

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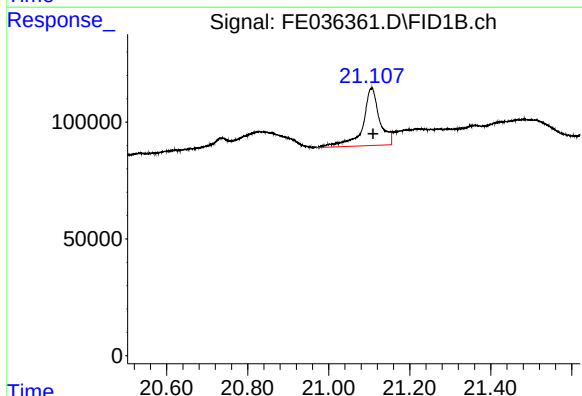
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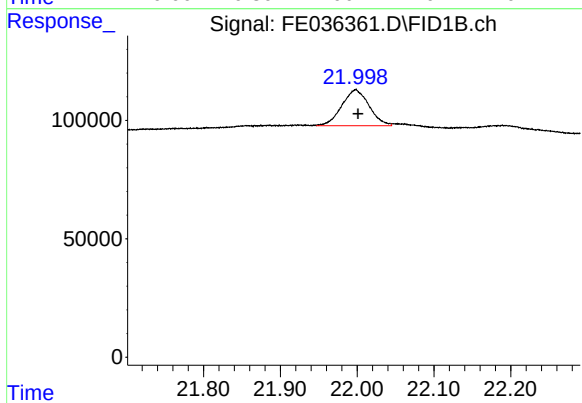
#20 n-Hexatriacontane (C36)

R.T.: 20.378 min
Delta R.T.: -0.002 min
Response: 373681
Conc: 2.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.107 min
Delta R.T.: -0.003 min
Response: 714949
Conc: 5.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.998 min
Delta R.T.: -0.003 min
Response: 375011
Conc: 2.68 ug/ml m