

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120622AL\
 Data File : FE039154.D
 Signal(s) : FID1B.ch
 Acq On : 06 Dec 2022 15:18
 Operator : YP\AJ
 Sample : N5863-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SAND-PILE-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2022
 Supervised By :Ankita Jodhani 12/07/2022

Integration File: autoint1.e
 Quant Time: Dec 07 04:25:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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...	13.378	4430979	36.699 ug/ml
Spiked Amount 50.000		Recovery =	73.40%
Target Compounds			
1) T n-Nonane (C9)	3.338	2281027	16.092 ug/ml
2) T n-Decane (C10)	4.588	2747242	19.711 ug/ml
4) T n-Dodecane (C12)	6.751	3132238	22.221 ug/ml
6) T n-Tetradecane (C14)	8.577	3261240	22.834 ug/ml
7) T n-Hexadecane (C16)	10.182	3553523	24.304 ug/ml
8) T n-Octadecane (C18)	11.625	3789388	25.752 ug/ml
10) T n-Eicosane (C20)	12.932	3685363	25.960 ug/ml
11) T n-Heneicosane (C21)	13.544	3624281	25.505 ug/ml
13) T n-Docosane (C22)	14.131	3640828	26.045 ug/ml
14) T n-Tetracosane (C24)	15.233	3573336	25.874 ug/ml
15) T n-Hexacosane (C26)	16.253	3471543	25.846 ug/ml
16) T n-Octacosane (C28)	17.203	3335034	25.113 ug/ml
17) T n-Tricontane (C30)	18.091	3203231	24.256 ug/ml
18) T n-Dotriacontane (C32)	18.922	3144349	23.577 ug/ml
19) T n-Tetratriacontane (C34)	19.707	3013457	22.773 ug/mlm
20) T n-Hexatriacontane (C36)	20.445	2809721	21.870 ug/mlm
21) T n-Octatriacontane (C38)	21.184	2605338	19.883 ug/ml
22) T n-Tetracontane (C40)	22.101	2371006	17.412 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : N5863-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

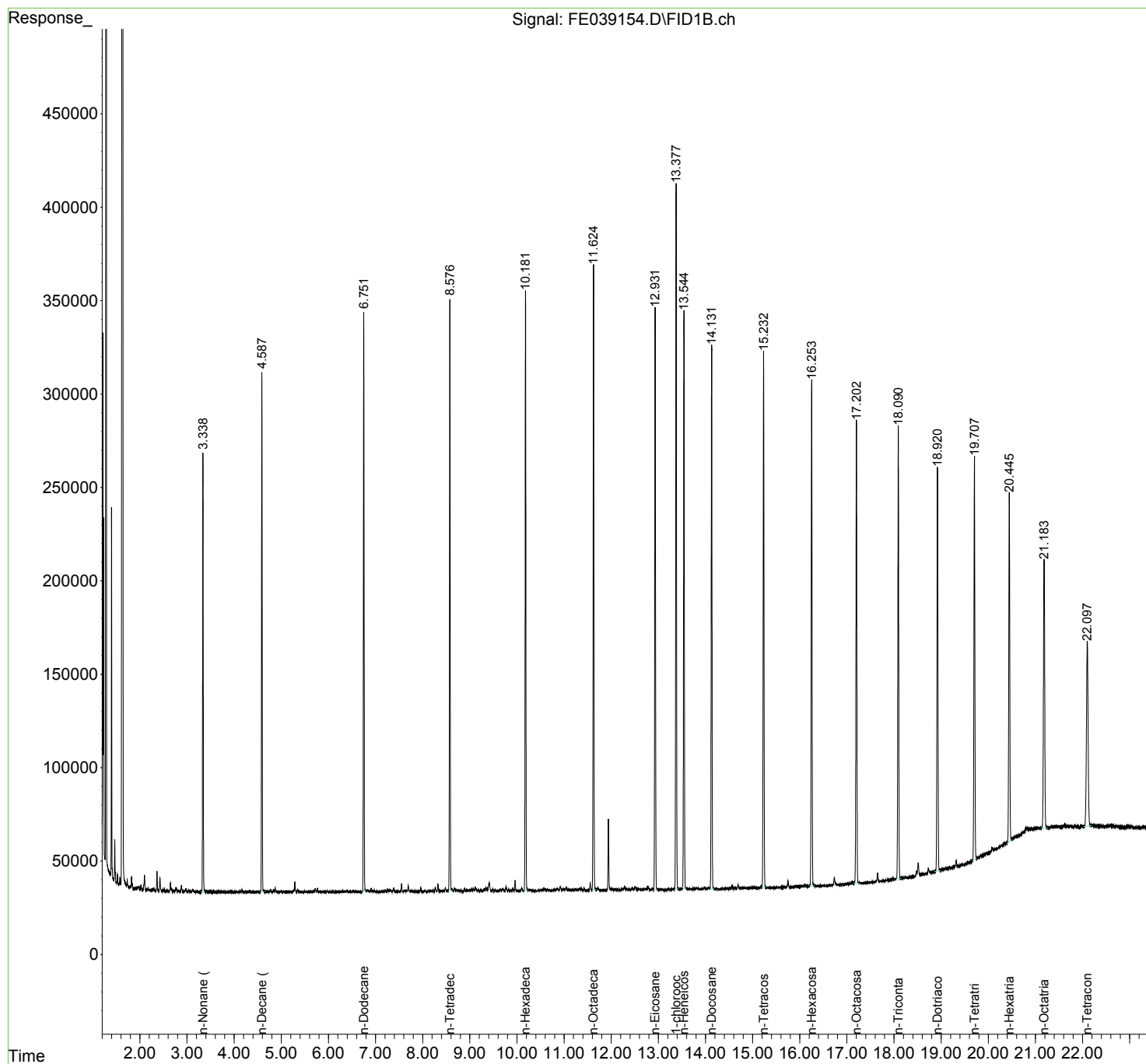
Instrument :
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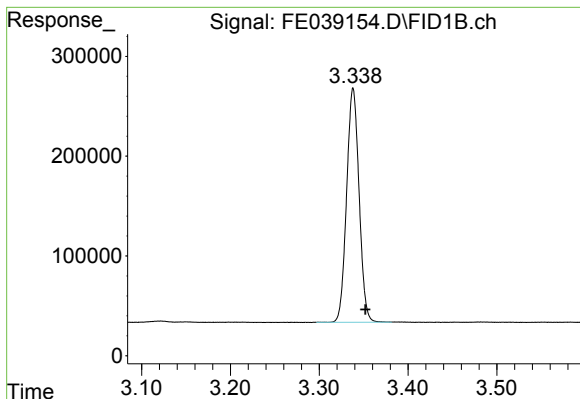
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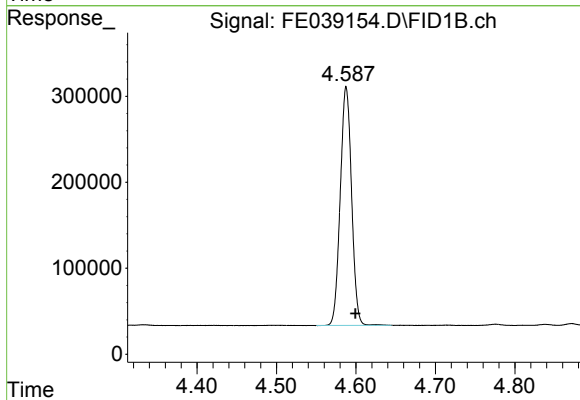
#1 n-Nonane (C9)

R.T.: 3.338 min
Delta R.T.: -0.014 min
Response: 2281027
Conc: 16.09 ug/ml

Instrument :
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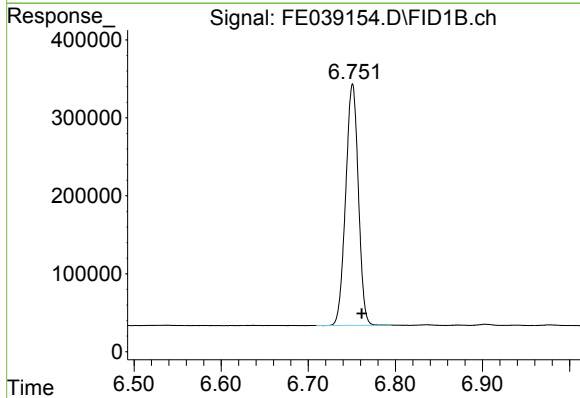
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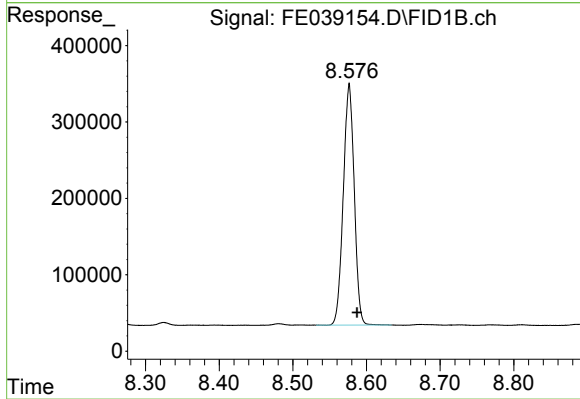
#2 n-Decane (C10)

R.T.: 4.588 min
Delta R.T.: -0.012 min
Response: 2747242
Conc: 19.71 ug/ml



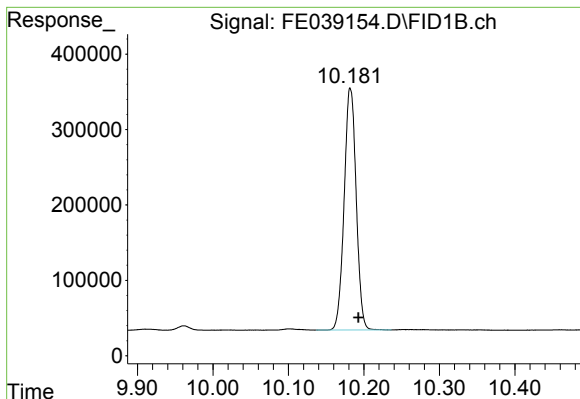
#4 n-Dodecane (C12)

R.T.: 6.751 min
Delta R.T.: -0.011 min
Response: 3132238
Conc: 22.22 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.577 min
Delta R.T.: -0.010 min
Response: 3261240
Conc: 22.83 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: -0.011 min
Response: 3553523
Conc: 24.30 ug/ml

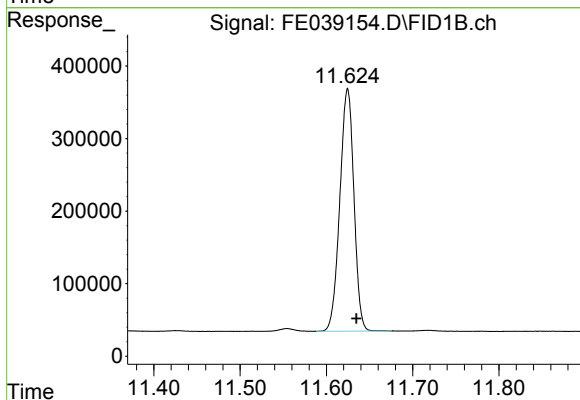
Instrument :

FID_E

ClientSampleId :
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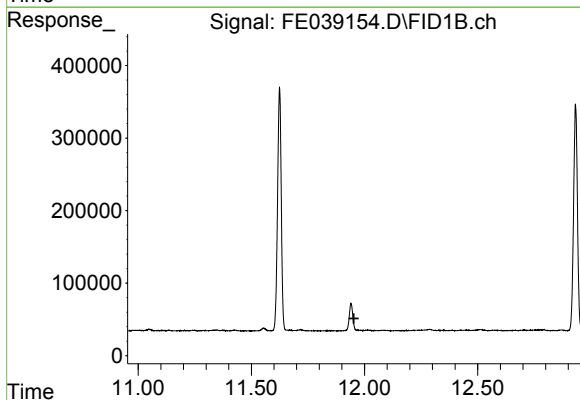
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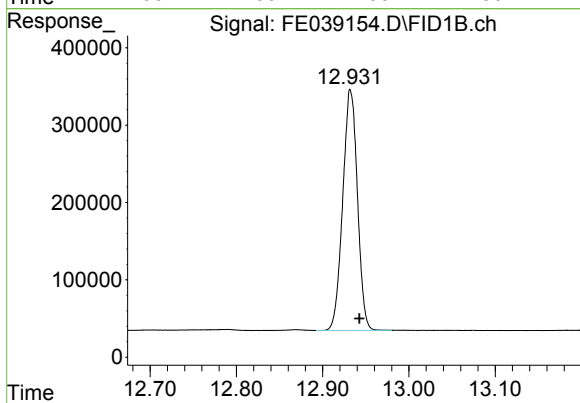
#8 n-Octadecane (C18)

R.T.: 11.625 min
Delta R.T.: -0.010 min
Response: 3789388
Conc: 25.75 ug/ml



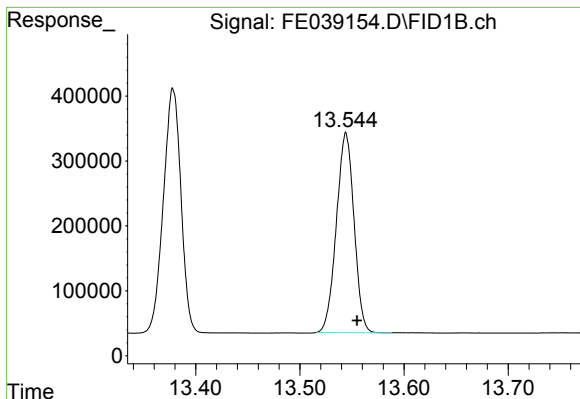
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.953 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.932 min
Delta R.T.: -0.010 min
Response: 3685363
Conc: 25.96 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.544 min
Delta R.T.: -0.011 min
Response: 3624281
Conc: 25.51 ug/ml

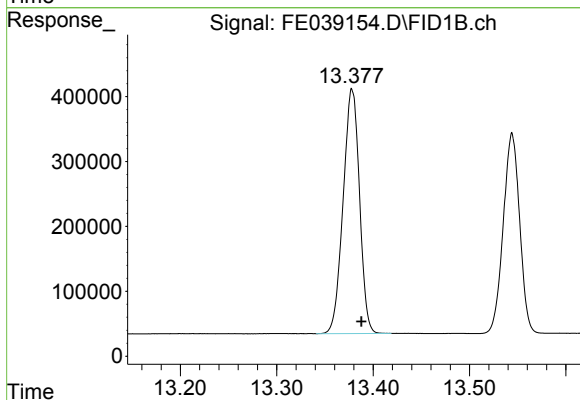
Instrument :

FID_E

ClientSampleId :
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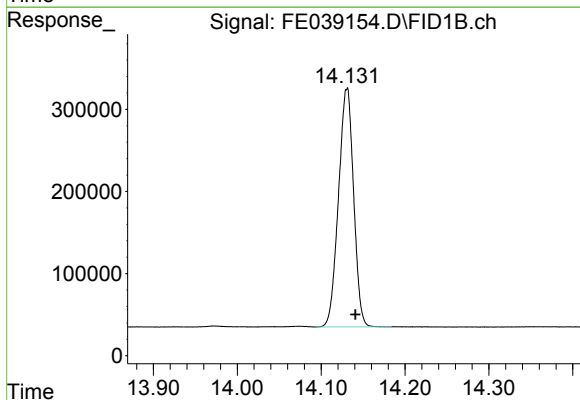
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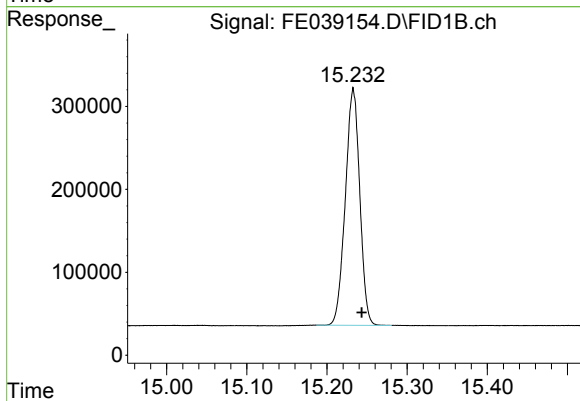
#12 1-chlorooctadecane (SURR)

R.T.: 13.378 min
Delta R.T.: -0.010 min
Response: 4430979
Conc: 36.70 ug/ml



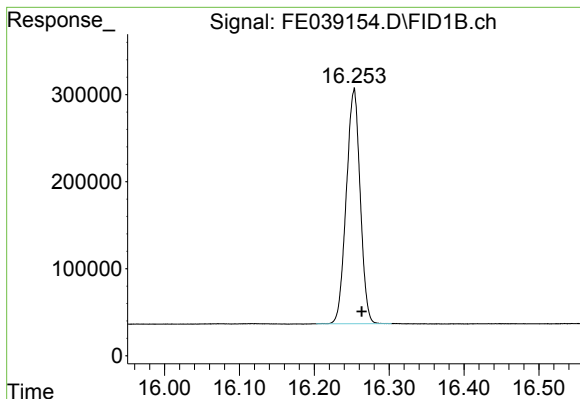
#13 n-Docosane (C22)

R.T.: 14.131 min
Delta R.T.: -0.010 min
Response: 3640828
Conc: 26.05 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: -0.011 min
Response: 3573336
Conc: 25.87 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.010 min
Response: 3471543
Conc: 25.85 ug/ml

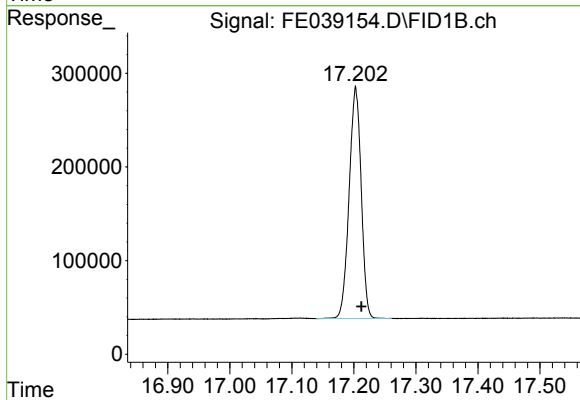
Instrument :

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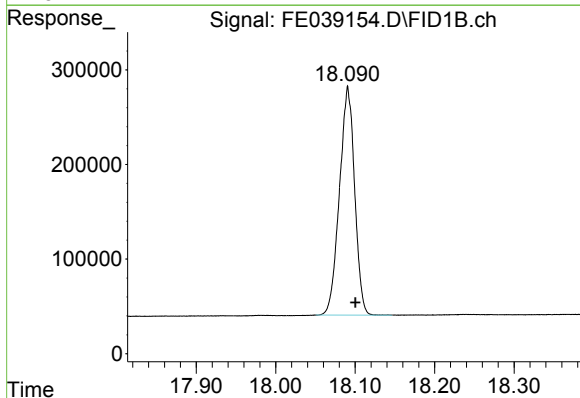
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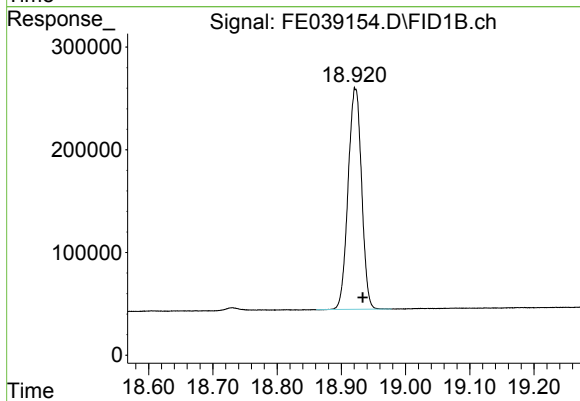
#16 n-Octacosane (C28)

R.T.: 17.203 min
Delta R.T.: -0.009 min
Response: 3335034
Conc: 25.11 ug/ml



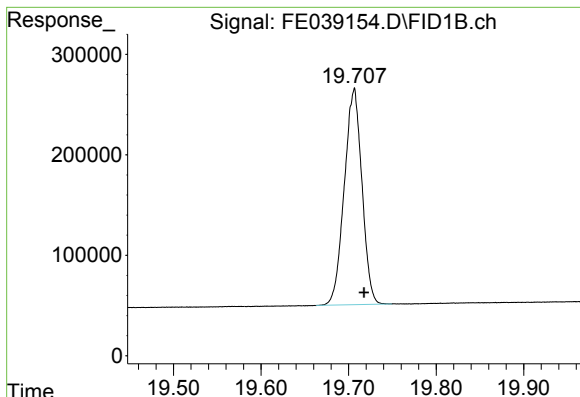
#17 n-Tricontane (C30)

R.T.: 18.091 min
Delta R.T.: -0.009 min
Response: 3203231
Conc: 24.26 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.011 min
Response: 3144349
Conc: 23.58 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: -0.011 min
Response: 3013457
Conc: 22.77 ug/ml

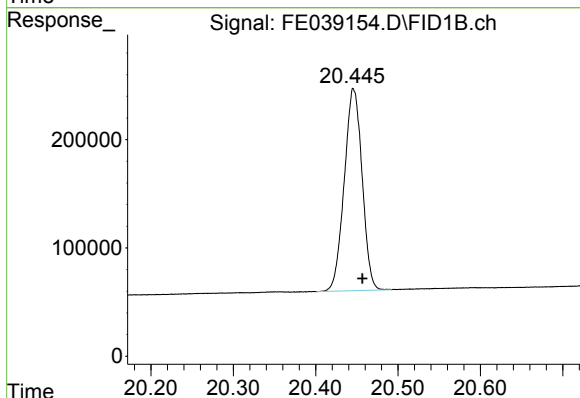
Instrument :

FID_E

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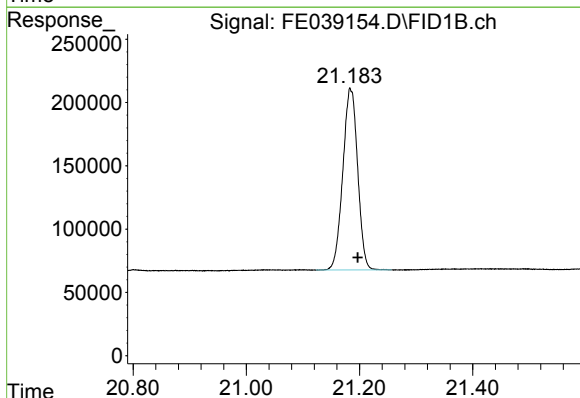
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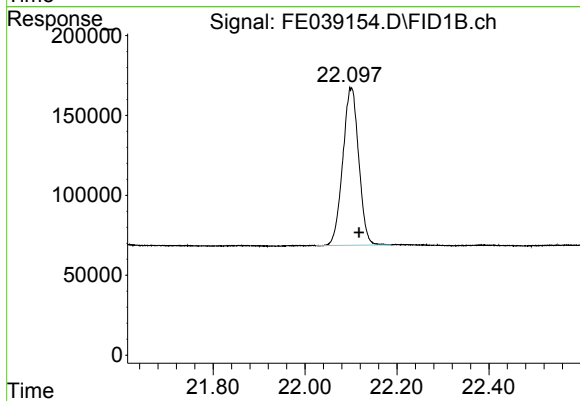
#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: -0.012 min
Response: 2809721
Conc: 21.87 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: -0.013 min
Response: 2605338
Conc: 19.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.101 min
Delta R.T.: -0.016 min
Response: 2371006
Conc: 17.41 ug/ml