

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120522AL\
 Data File : FE039119.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2022 13:03
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2022
 Supervised By :Ankita Jodhani 12/06/2022

Integration File: sample.E
 Quant Time: Dec 05 15:59:52 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			
9) S ortho-Terphenyl (SURR)	11.943	3168857	20.256 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
12) S 1-chlorooctadecane (S...	13.377	2355869	19.512 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
Target Compounds			
1) T n-Nonane (C9)	3.338	2736151	19.303 ug/ml
2) T n-Decane (C10)	4.587	2679751	19.226 ug/ml
3) T A~Naphthalene (C11.7)	6.290	3089159	19.422 ug/ml
4) T n-Dodecane (C12)	6.750	2700851	19.161 ug/ml
5) T A~2-methylnaphthalene...	7.384	2907654	19.428 ug/ml
6) T n-Tetradecane (C14)	8.576	2735913	19.156 ug/ml
7) T n-Hexadecane (C16)	10.182	2832900	19.375 ug/ml
8) T n-Octadecane (C18)	11.623	2909462	19.772 ug/ml
10) T n-Eicosane (C20)	12.932	2859669	20.144 ug/ml
11) T n-Heneicosane (C21)	13.544	2859588	20.124 ug/ml
13) T n-Docosane (C22)	14.130	2854342	20.419 ug/ml
14) T n-Tetracosane (C24)	15.232	2849872	20.636 ug/ml
15) T n-Hexacosane (C26)	16.253	2781224	20.707 ug/ml
16) T n-Octacosane (C28)	17.202	2725993	20.527 ug/ml
17) T n-Tricontane (C30)	18.091	2667750	20.201 ug/ml
18) T n-Dotriacontane (C32)	18.922	2643889	19.824 ug/ml
19) T n-Tetratriacontane (C34)	19.707	2551271	19.281 ug/mlm
20) T n-Hexatriacontane (C36)	20.446	2355402	18.334 ug/mlm
21) T n-Octatriacontane (C38)	21.184	2257604	17.229 ug/ml
22) T n-Tetracontane (C40)	22.102	2128583	15.632 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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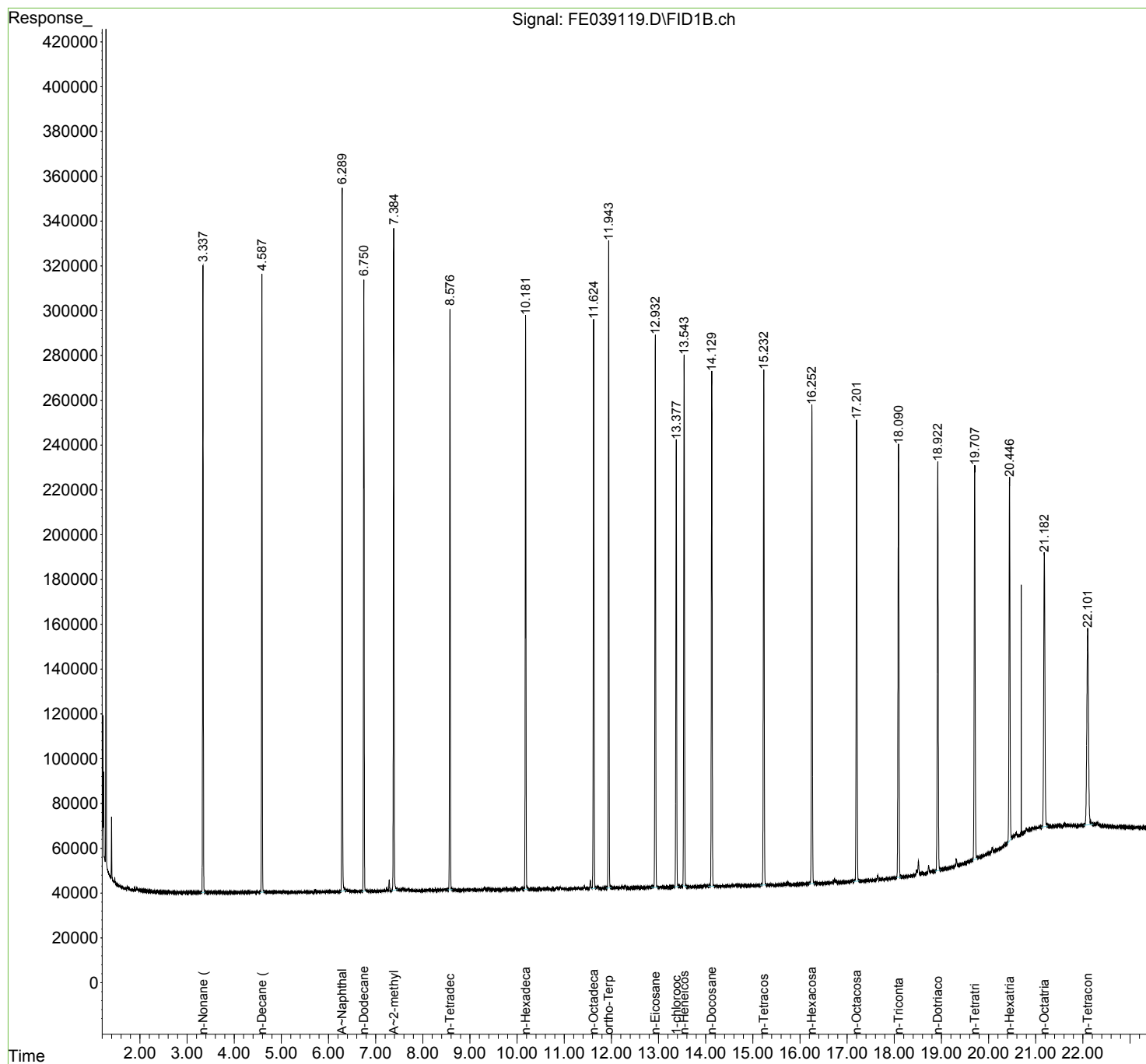
Instrument :
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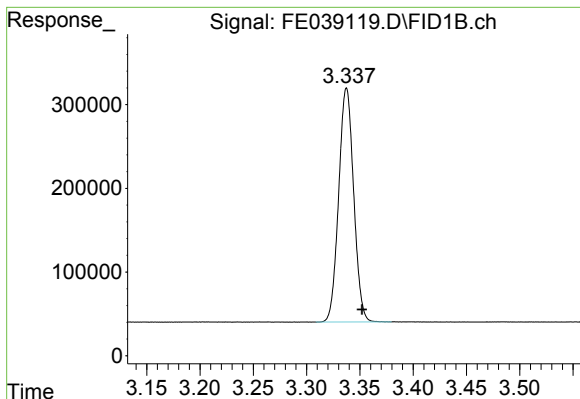
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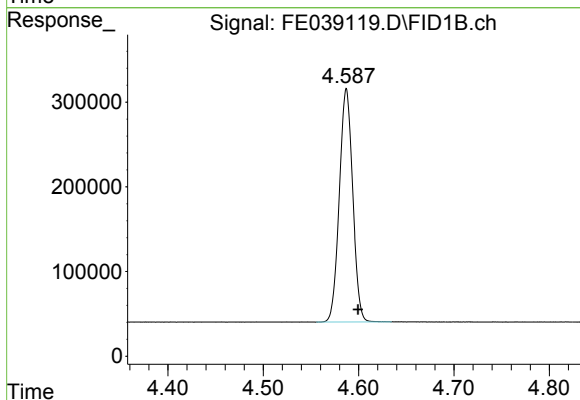
#1 n-Nonane (C9)

R.T.: 3.338 min
Delta R.T.: -0.014 min
Response: 2736151
Conc: 19.30 ug/ml

Instrument :
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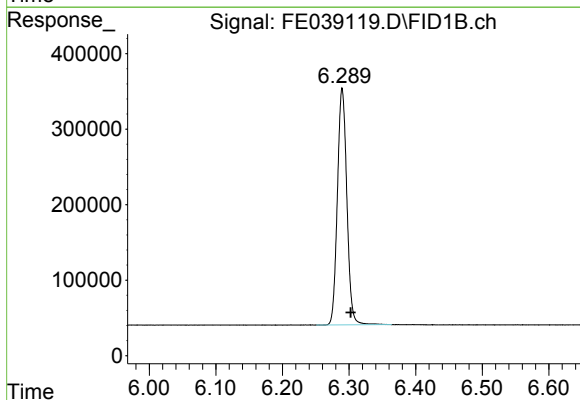
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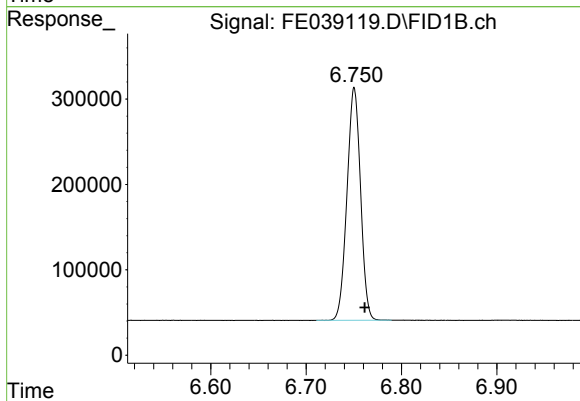
#2 n-Decane (C10)

R.T.: 4.587 min
Delta R.T.: -0.012 min
Response: 2679751
Conc: 19.23 ug/ml



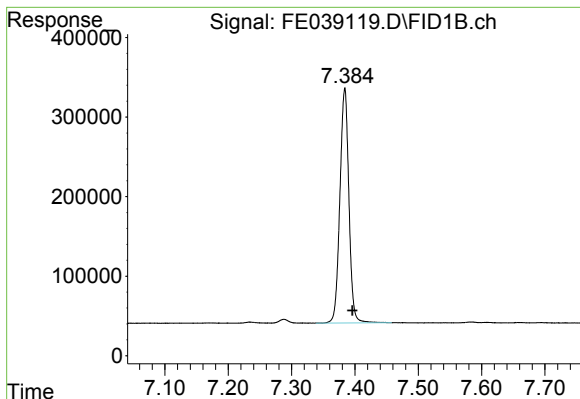
#3 A~Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: -0.013 min
Response: 3089159
Conc: 19.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.750 min
Delta R.T.: -0.011 min
Response: 2700851
Conc: 19.16 ug/ml



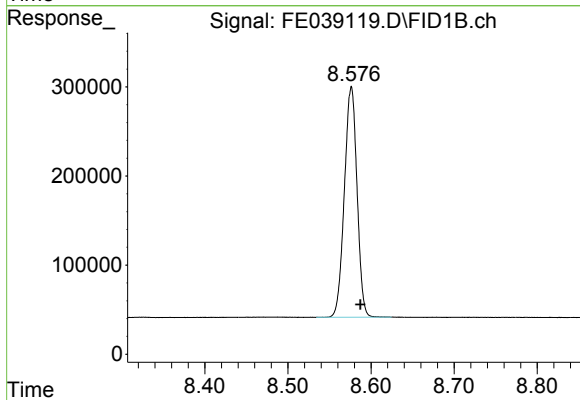
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.384 min
Delta R.T.: -0.012 min
Response: 2907654
Conc: 19.43 ug/ml

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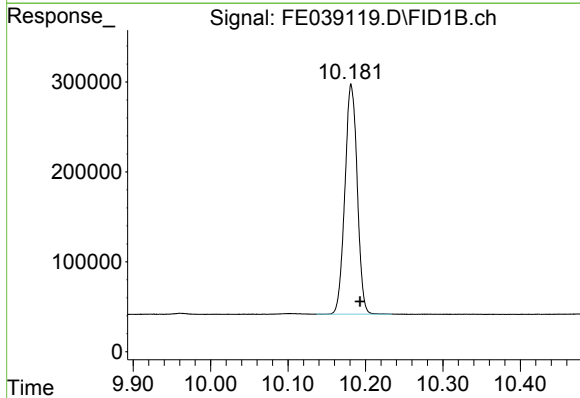
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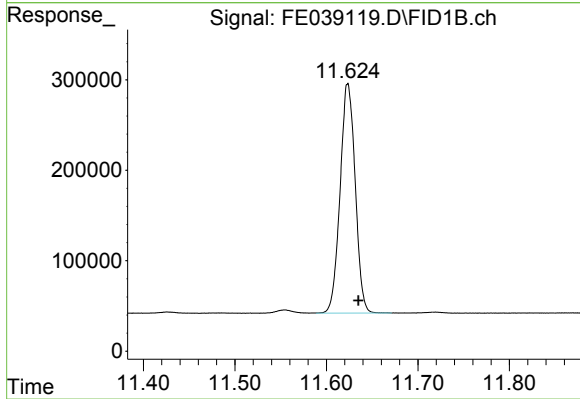
#6 n-Tetradecane (C14)

R.T.: 8.576 min
Delta R.T.: -0.011 min
Response: 2735913
Conc: 19.16 ug/ml



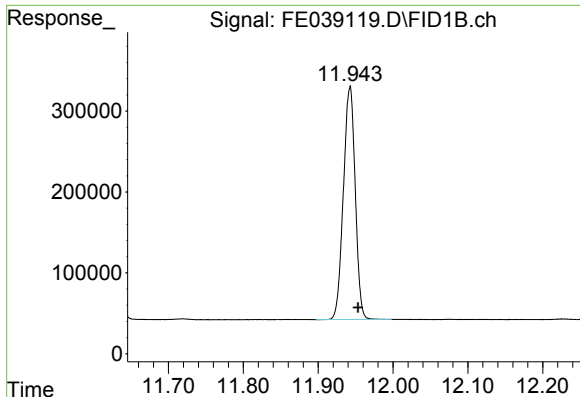
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: -0.011 min
Response: 2832900
Conc: 19.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.623 min
Delta R.T.: -0.011 min
Response: 2909462
Conc: 19.77 ug/ml



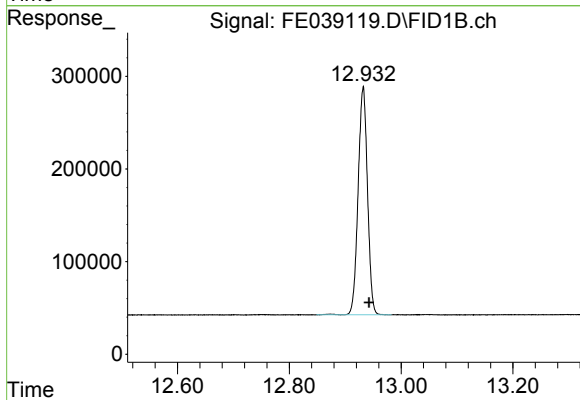
#9 ortho-Terphenyl (SURR)

R.T.: 11.943 min
Delta R.T.: -0.011 min
Response: 3168857
Conc: 20.26 ug/ml

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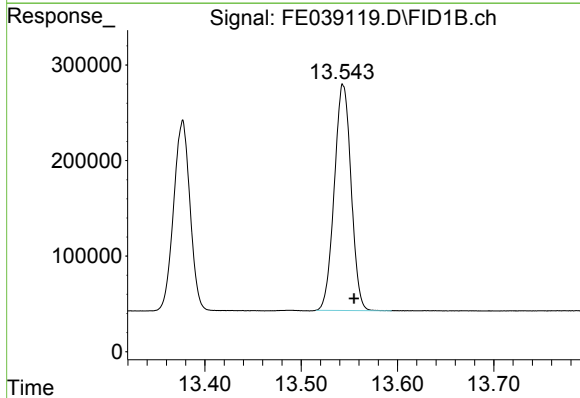
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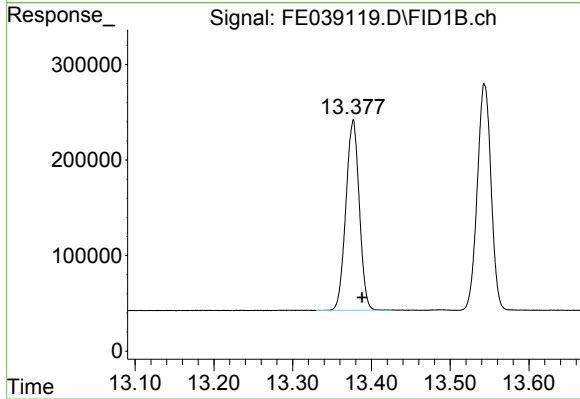
#10 n-Eicosane (C20)

R.T.: 12.932 min
Delta R.T.: -0.011 min
Response: 2859669
Conc: 20.14 ug/ml



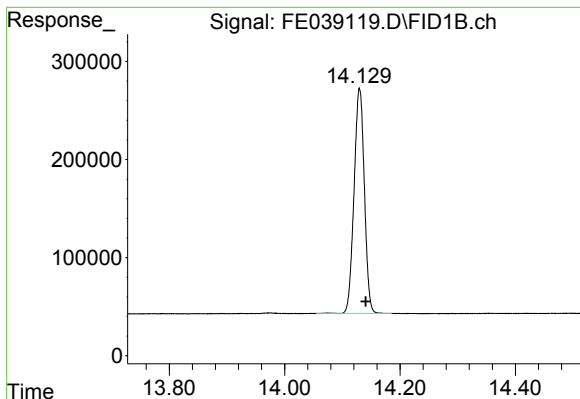
#11 n-Heneicosane (C21)

R.T.: 13.544 min
Delta R.T.: -0.011 min
Response: 2859588
Conc: 20.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.377 min
Delta R.T.: -0.011 min
Response: 2355869
Conc: 19.51 ug/ml



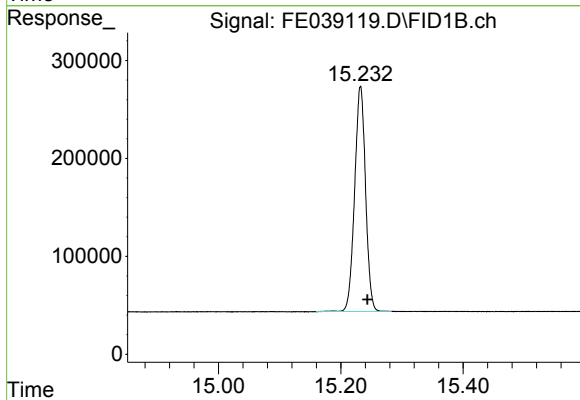
#13 n-Docosane (C22)

R.T.: 14.130 min
Delta R.T.: -0.011 min
Response: 2854342
Conc: 20.42 ug/ml

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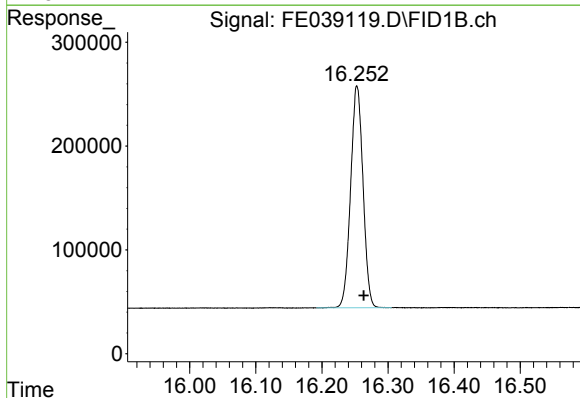
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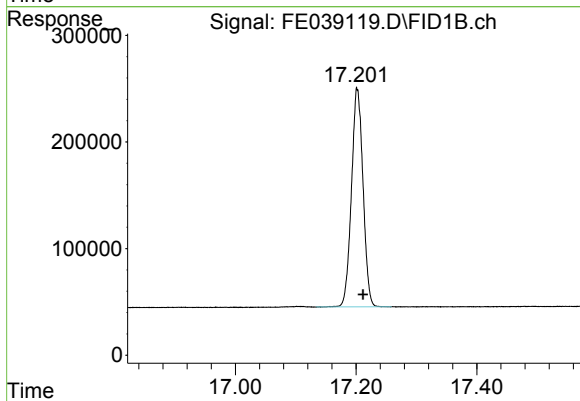
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: -0.011 min
Response: 2849872
Conc: 20.64 ug/ml



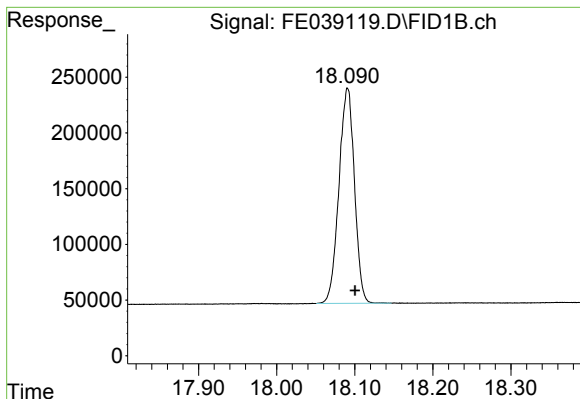
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.010 min
Response: 2781224
Conc: 20.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.202 min
Delta R.T.: -0.010 min
Response: 2725993
Conc: 20.53 ug/ml



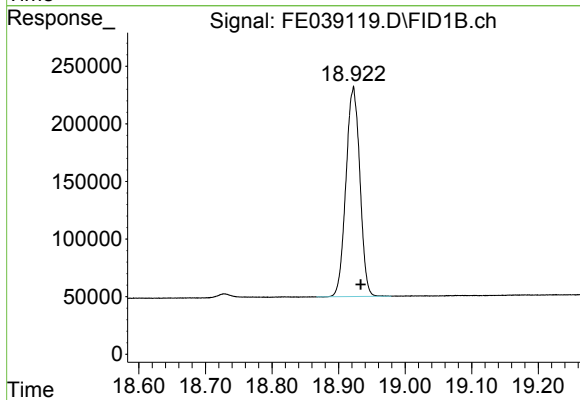
#17 n-Tricontane (C30)

R.T.: 18.091 min
Delta R.T.: -0.009 min
Response: 2667750
Conc: 20.20 ug/ml

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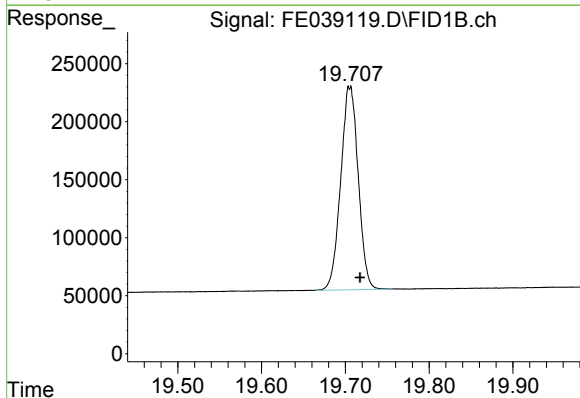
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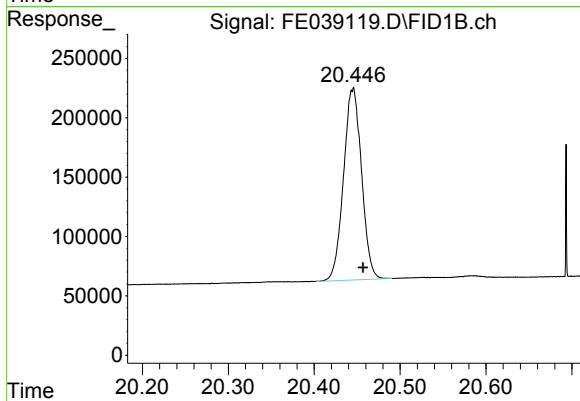
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.011 min
Response: 2643889
Conc: 19.82 ug/ml



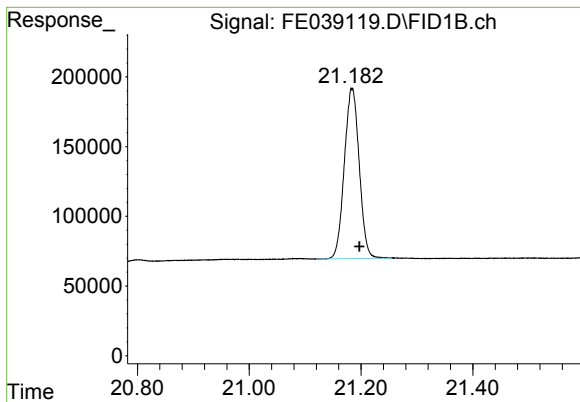
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: -0.011 min
Response: 2551271
Conc: 19.28 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.446 min
Delta R.T.: -0.011 min
Response: 2355402
Conc: 18.33 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: -0.013 min
Response: 2257604
Conc: 17.23 ug/ml

Instrument :

FID_E

ClientSampleId :

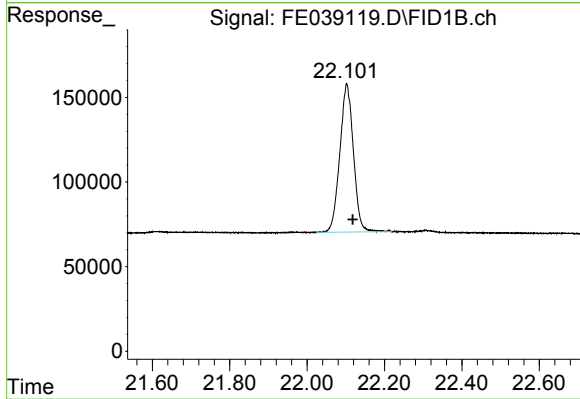
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#22 n-Tetracontane (C40)

R.T.: 22.102 min
Delta R.T.: -0.015 min
Response: 2128583
Conc: 15.63 ug/ml