

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120222AL\
 Data File : FE039105.D
 Signal(s) : FID1B.ch
 Acq On : 03 Dec 2022 01:26
 Operator : YP\AJ
 Sample : PB149398BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149398BSD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Dec 04 09:55:13 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...	13.383	4550261	37.686 ug/ml
Spiked Amount 50.000		Recovery =	75.37%
Target Compounds			
1) T n-Nonane (C9)	3.340	1297730	9.155 ug/ml
2) T n-Decane (C10)	4.590	1448590	10.393 ug/ml
4) T n-Dodecane (C12)	6.753	1498658	10.632 ug/ml
6) T n-Tetradecane (C14)	8.579	1279536	8.959 ug/ml
7) T n-Hexadecane (C16)	10.185	1133498	7.752 ug/ml
8) T n-Octadecane (C18)	11.626	1040733	7.073 ug/ml
10) T n-Eicosane (C20)	12.935	888890	6.261 ug/ml
11) T n-Heneicosane (C21)	13.547	810913	5.707 ug/ml
13) T n-Docosane (C22)	14.133	761316	5.446 ug/ml
14) T n-Tetracosane (C24)	15.235	642645	4.653 ug/ml
15) T n-Hexacosane (C26)	16.256	542939	4.042 ug/ml
16) T n-Octacosane (C28)	17.206	466004	3.509 ug/ml
17) T n-Tricontane (C30)	18.093	407826	3.088 ug/ml
18) T n-Dotriacontane (C32)	18.925	455599	3.416 ug/ml
19) T n-Tetratriacontane (C34)	19.709	789622	5.967 ug/mlm
20) T n-Hexatriacontane (C36)	20.449	1537801	11.970 ug/mlm
21) T n-Octatriacontane (C38)	21.189	2850472	21.753 ug/mlm
22) T n-Tetracontane (C40)	22.114	3662344	26.896 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB149398BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

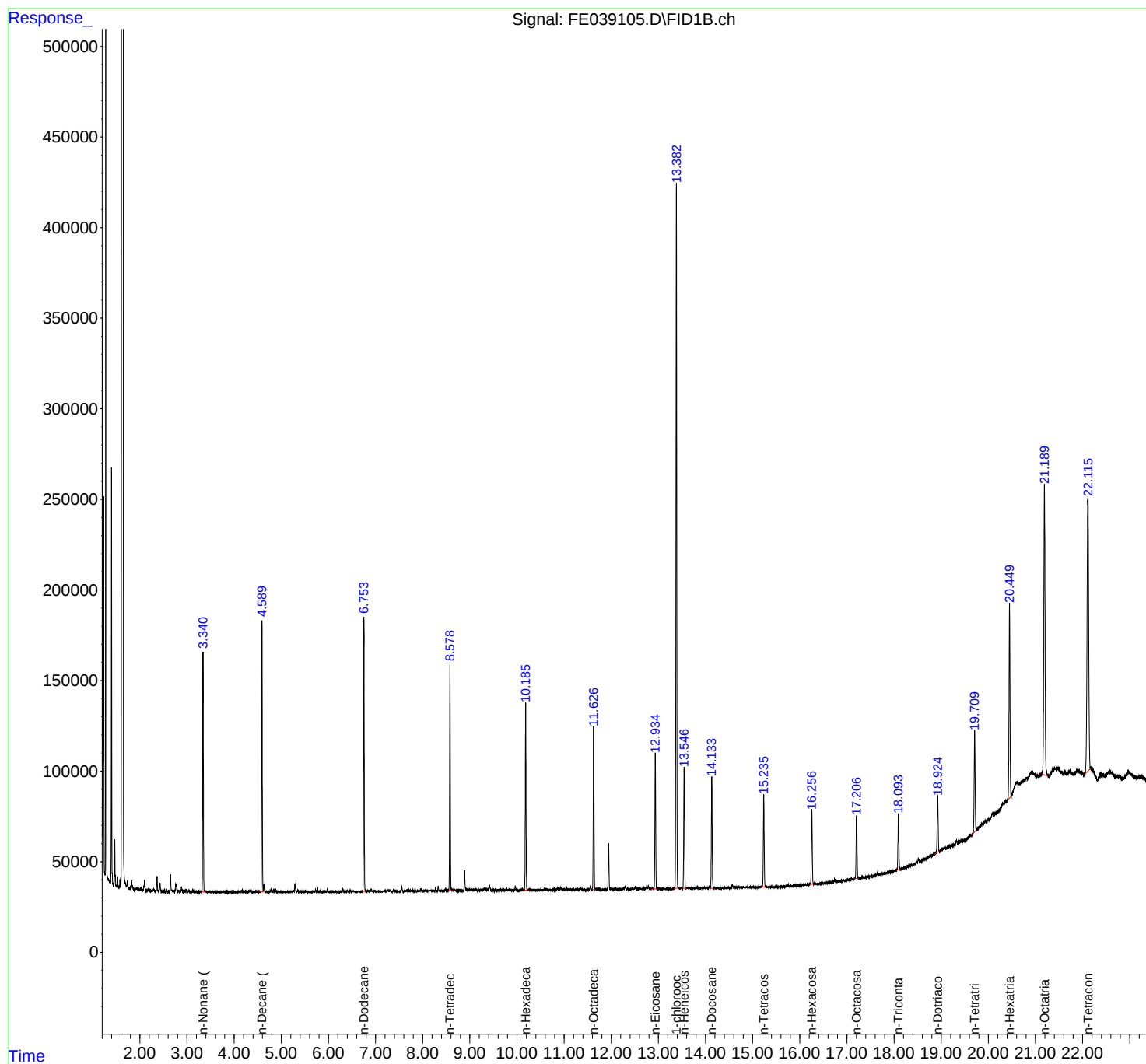
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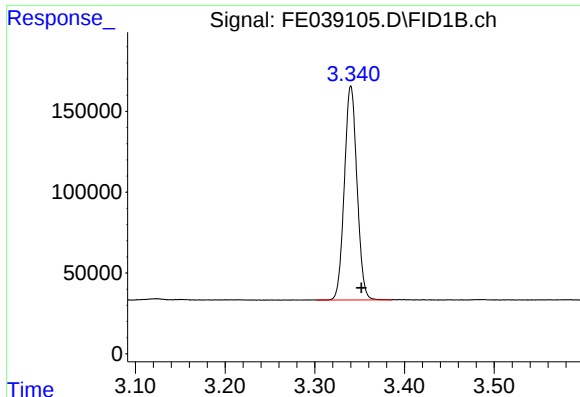
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.340 min
Delta R.T.: -0.012 min
Response: 1297730
Conc: 9.16 ug/ml

Instrument :

FID_E

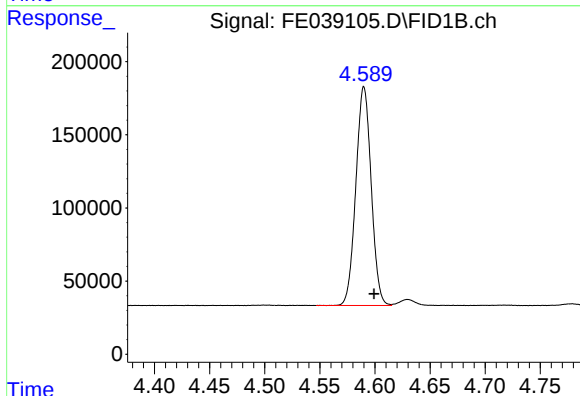
ClientSampleId :

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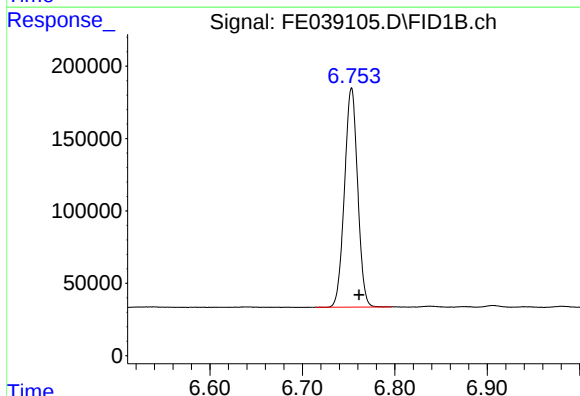
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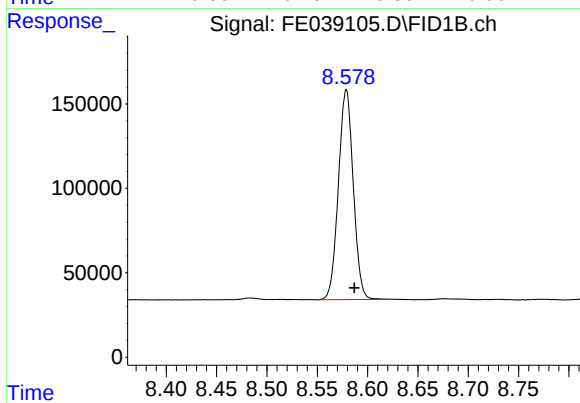
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: -0.009 min
Response: 1448590
Conc: 10.39 ug/ml



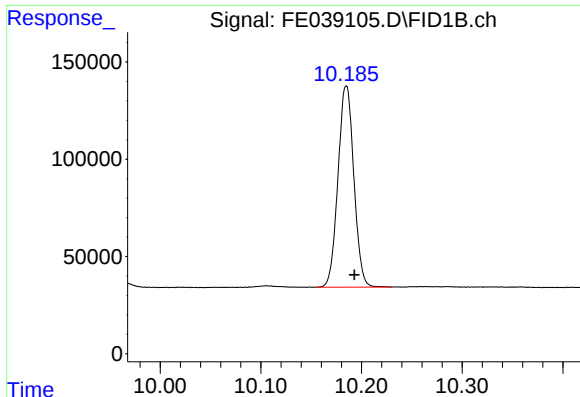
#4 n-Dodecane (C12)

R.T.: 6.753 min
Delta R.T.: -0.008 min
Response: 1498658
Conc: 10.63 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.579 min
Delta R.T.: -0.008 min
Response: 1279536
Conc: 8.96 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: -0.008 min
Response: 1133498
Conc: 7.75 ug/ml

Instrument :

FID_E

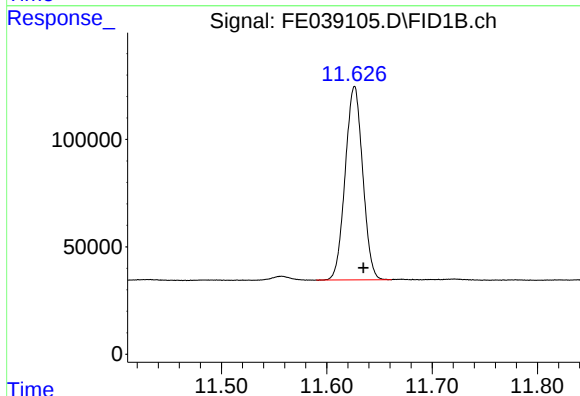
ClientSampleId :

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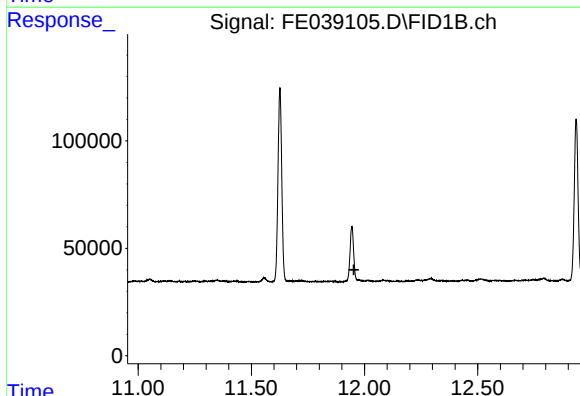
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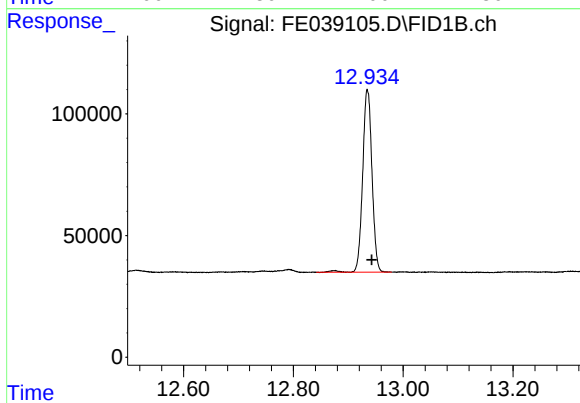
#8 n-Octadecane (C18)

R.T.: 11.626 min
Delta R.T.: -0.009 min
Response: 1040733
Conc: 7.07 ug/ml



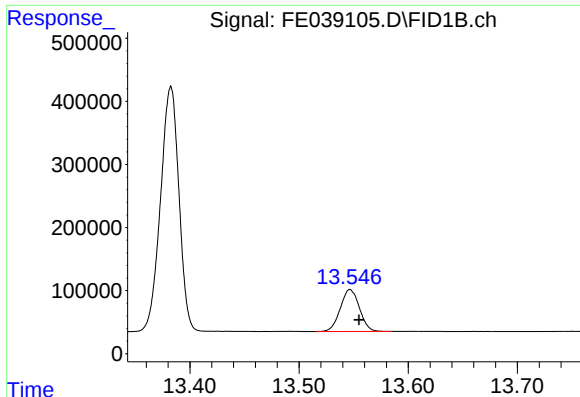
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.935 min
Delta R.T.: -0.008 min
Response: 888890
Conc: 6.26 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.547 min
Delta R.T.: -0.008 min
Response: 810913
Conc: 5.71 ug/ml

Instrument :

FID_E

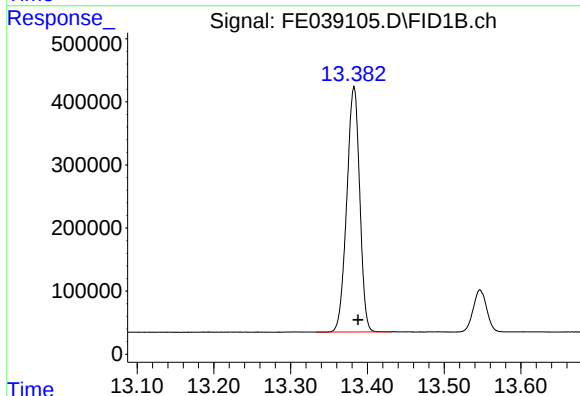
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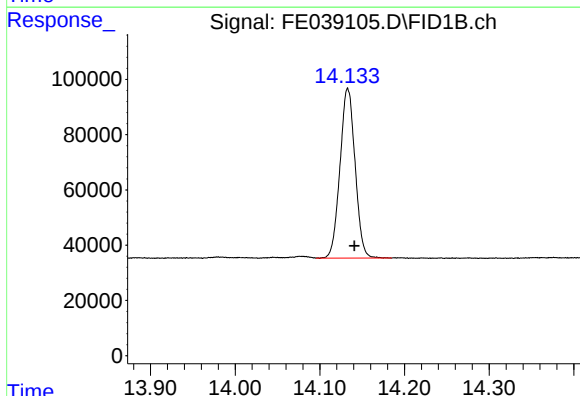
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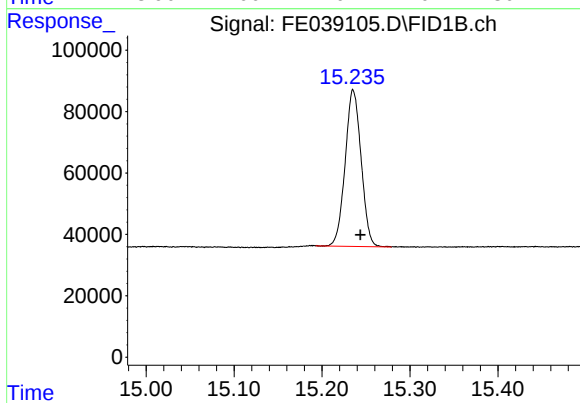
#12 1-chlorooctadecane (SURR)

R.T.: 13.383 min
Delta R.T.: -0.005 min
Response: 4550261
Conc: 37.69 ug/ml



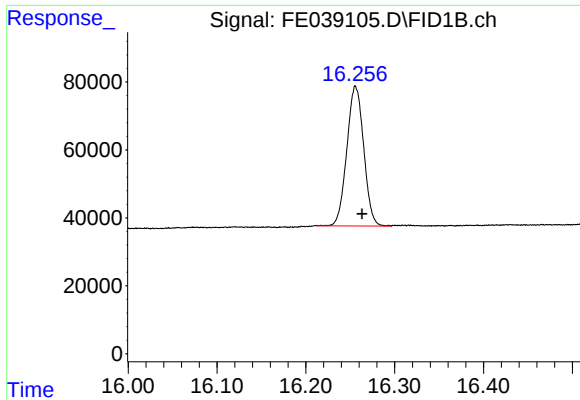
#13 n-Docosane (C22)

R.T.: 14.133 min
Delta R.T.: -0.008 min
Response: 761316
Conc: 5.45 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.235 min
Delta R.T.: -0.008 min
Response: 642645
Conc: 4.65 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: -0.007 min
Response: 542939
Conc: 4.04 ug/ml

Instrument :

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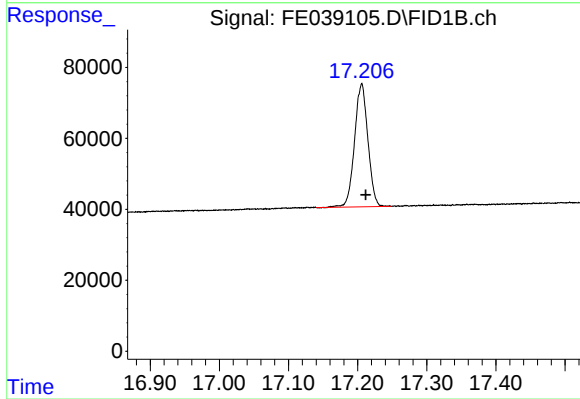
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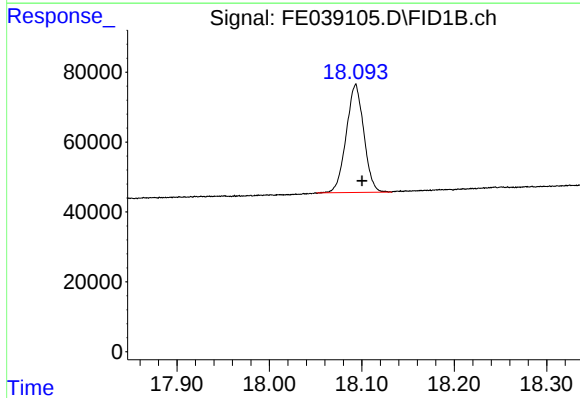
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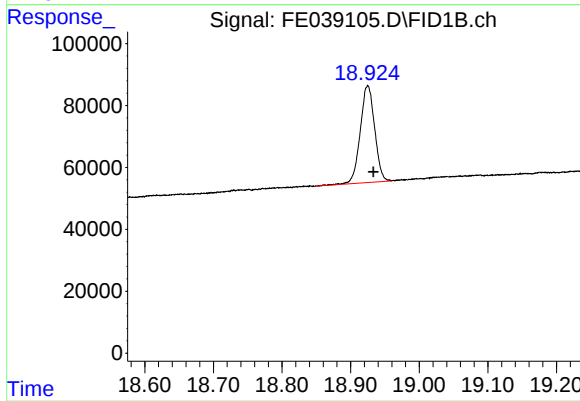
#16 n-Octacosane (C28)

R.T.: 17.206 min
Delta R.T.: -0.006 min
Response: 466004
Conc: 3.51 ug/ml



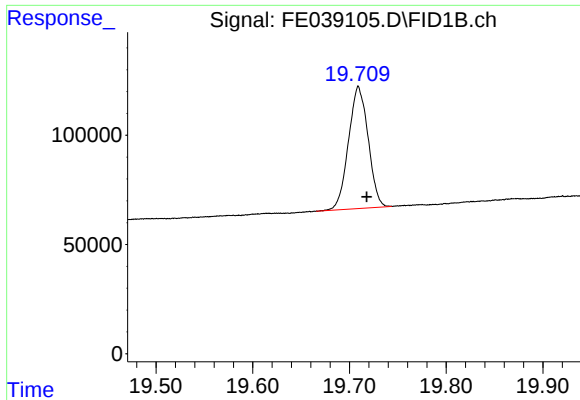
#17 n-Tricontane (C30)

R.T.: 18.093 min
Delta R.T.: -0.007 min
Response: 407826
Conc: 3.09 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.925 min
Delta R.T.: -0.008 min
Response: 455599
Conc: 3.42 ug/ml



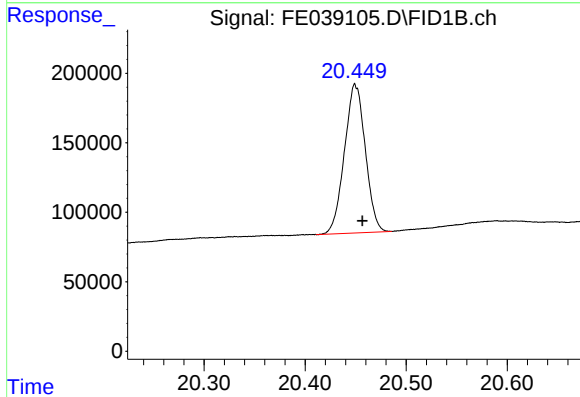
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: -0.009 min
Response: 789622
Conc: 5.97 ug/ml

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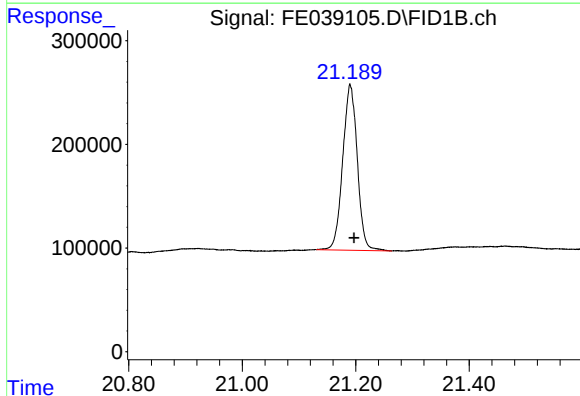
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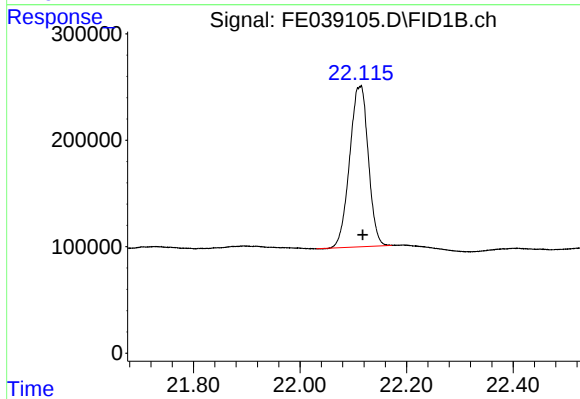
#20 n-Hexatriacontane (C36)

R.T.: 20.449 min
Delta R.T.: -0.008 min
Response: 1537801
Conc: 11.97 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: -0.008 min
Response: 2850472
Conc: 21.75 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.114 min
Delta R.T.: -0.003 min
Response: 3662344
Conc: 26.90 ug/ml