

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120522AL\
 Data File : FE039117.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2022 11:30
 Operator : YP\AJ
 Sample : PB149398BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149398BSD

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 12:12:46 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...	13.380	4686817	38.817 ug/ml
Spiked Amount 50.000		Recovery =	77.63%
Target Compounds			
1) T n-Nonane (C9)	3.339	3138969	22.145 ug/ml
2) T n-Decane (C10)	4.589	3907584	28.036 ug/ml
4) T n-Dodecane (C12)	6.752	4684983	33.236 ug/ml
6) T n-Tetradecane (C14)	8.578	5157668	36.113 ug/ml
7) T n-Hexadecane (C16)	10.184	5751421	39.336 ug/ml
8) T n-Octadecane (C18)	11.627	6570604	44.653 ug/ml
10) T n-Eicosane (C20)	12.936	6616359	46.606 ug/ml
11) T n-Heneicosane (C21)	13.548	6637006	46.707 ug/ml
13) T n-Docosane (C22)	14.134	6626499	47.404 ug/ml
14) T n-Tetracosane (C24)	15.235	7201330	52.144 ug/ml
15) T n-Hexacosane (C26)	16.256	6489828	48.318 ug/ml
16) T n-Octacosane (C28)	17.206	6363147	47.916 ug/ml
17) T n-Tricontane (C30)	18.093	6216958	47.076 ug/ml
18) T n-Dotriacontane (C32)	18.925	6126356	45.936 ug/ml
19) T n-Tetratriacontane (C34)	19.709	6046831	45.697 ug/ml
20) T n-Hexatriacontane (C36)	20.448	5748282	44.744 ug/ml
21) T n-Octatriacontane (C38)	21.190	5587545	42.641 ug/ml
22) T n-Tetracontane (C40)	22.107	5341466	39.227 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB149398BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

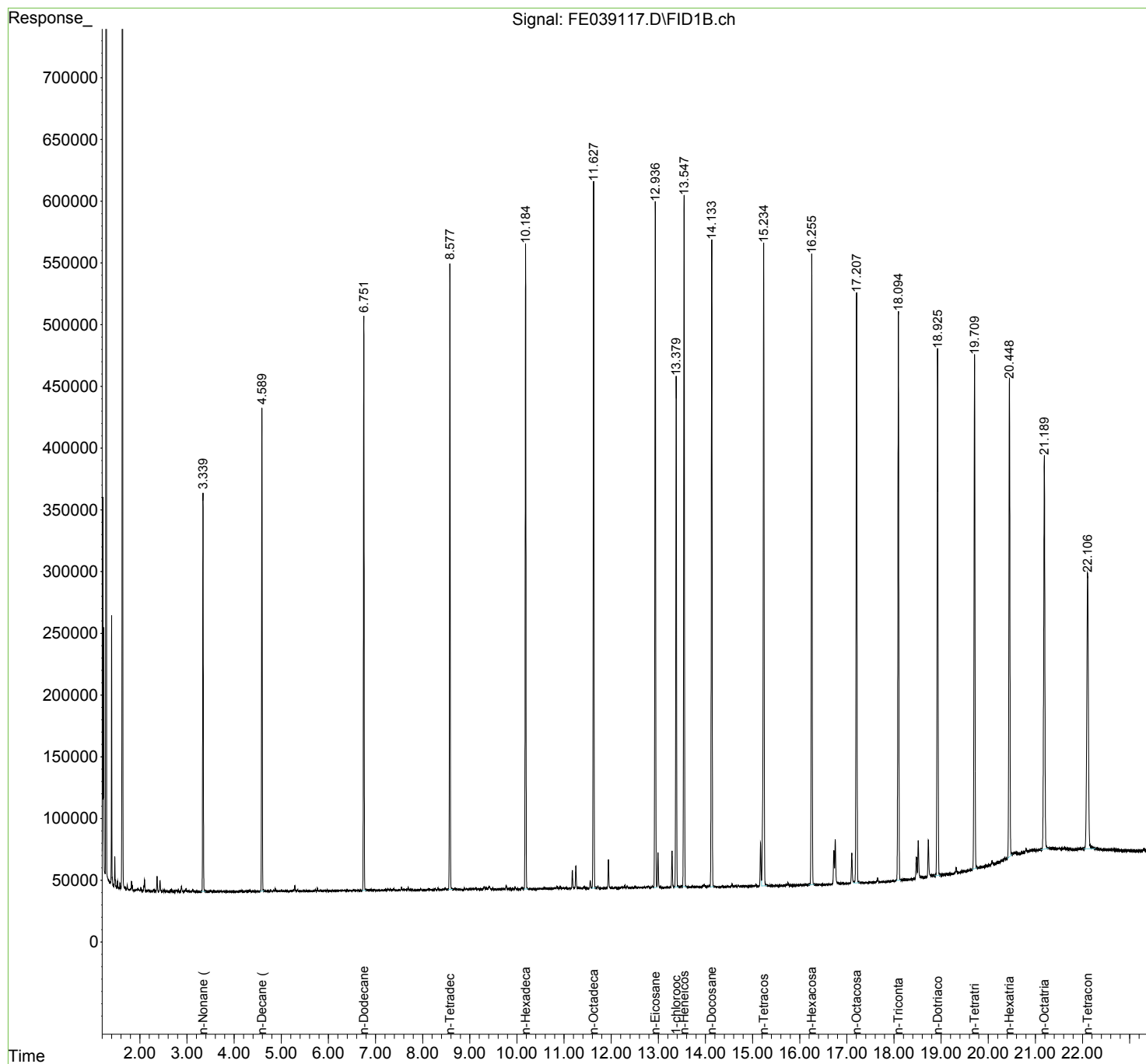
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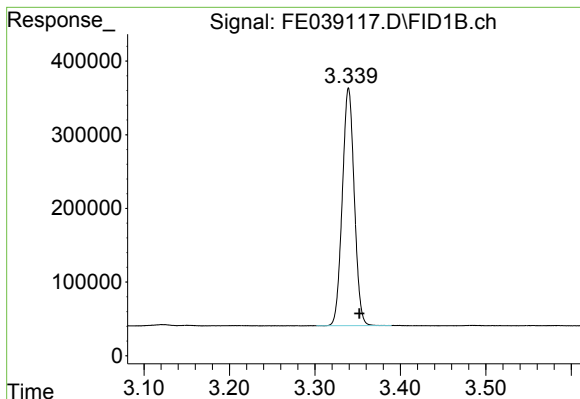
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.339 min
Delta R.T.: -0.013 min
Response: 3138969
Conc: 22.14 ug/ml

Instrument :

FID_E

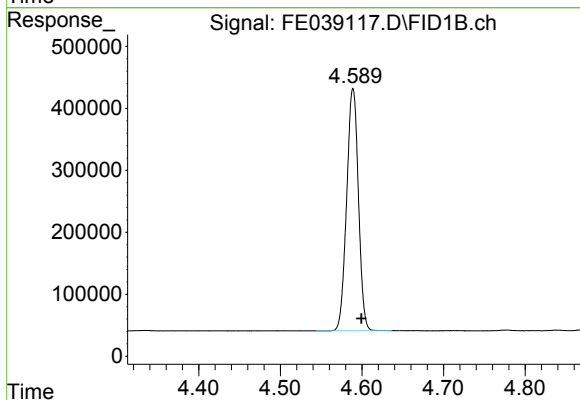
ClientSampleId :

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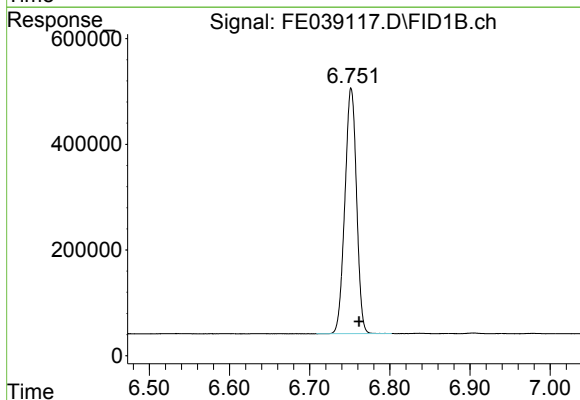
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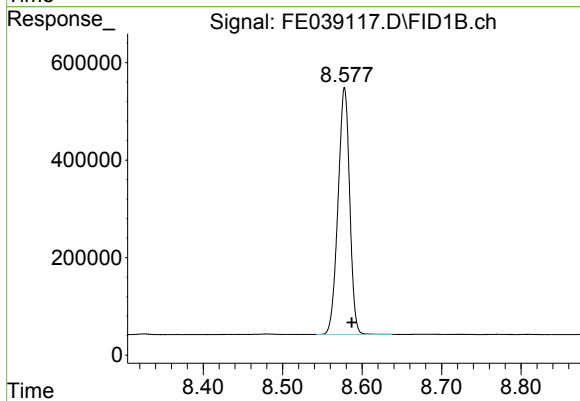
#2 n-Decane (C10)

R.T.: 4.589 min
Delta R.T.: -0.010 min
Response: 3907584
Conc: 28.04 ug/ml



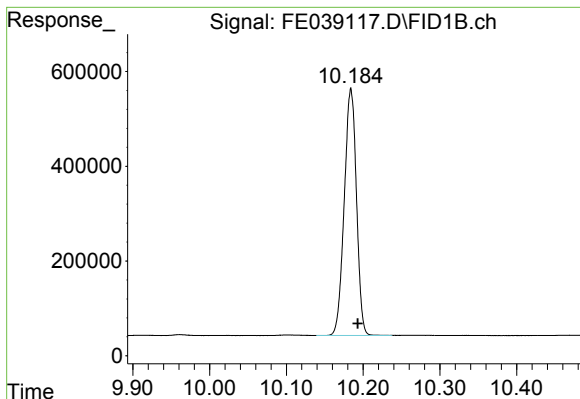
#4 n-Dodecane (C12)

R.T.: 6.752 min
Delta R.T.: -0.010 min
Response: 4684983
Conc: 33.24 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.578 min
Delta R.T.: -0.009 min
Response: 5157668
Conc: 36.11 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.184 min
Delta R.T.: -0.009 min
Response: 5751421
Conc: 39.34 ug/ml

Instrument :

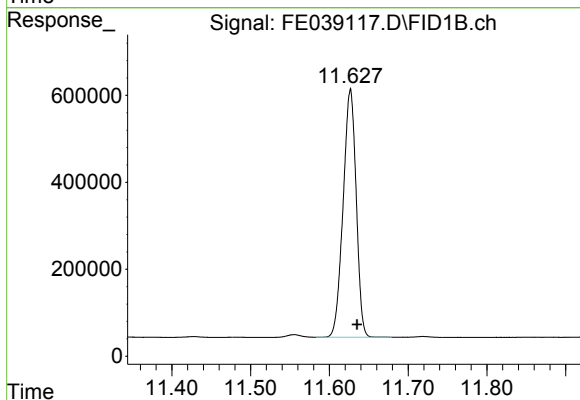
FID_E

ClientSampleId :

PB149398BSD

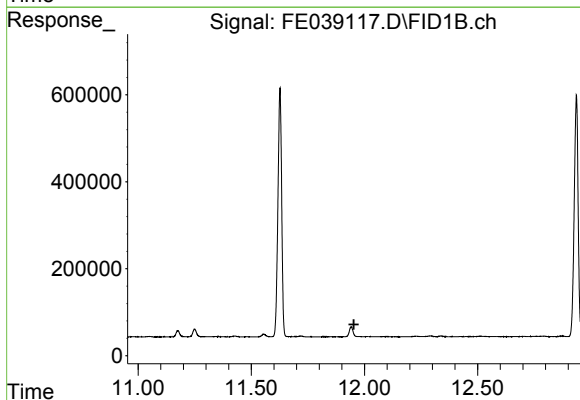
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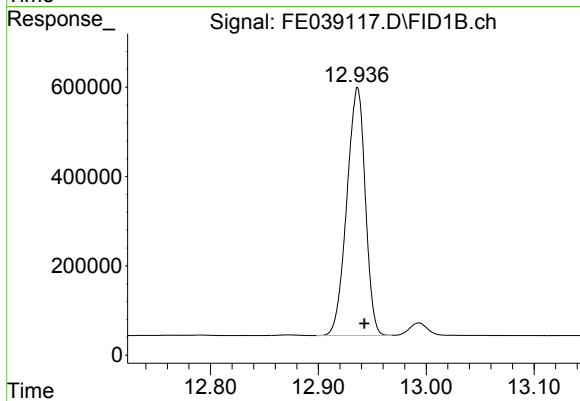
#8 n-Octadecane (C18)

R.T.: 11.627 min
Delta R.T.: -0.008 min
Response: 6570604
Conc: 44.65 ug/ml



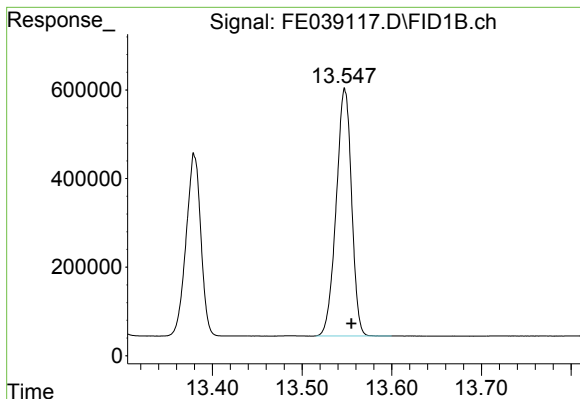
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.936 min
Delta R.T.: -0.006 min
Response: 6616359
Conc: 46.61 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: -0.007 min
Response: 6637006
Conc: 46.71 ug/ml

Instrument :

FID_E

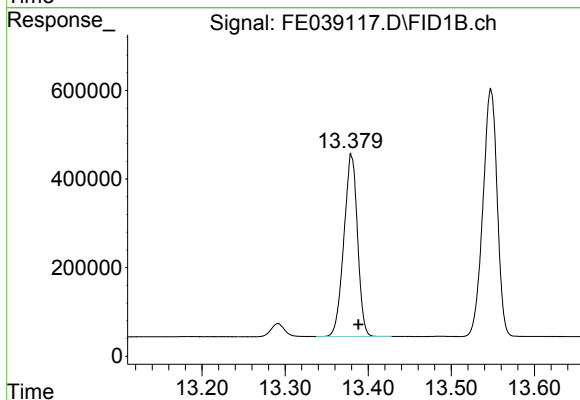
ClientSampleId :

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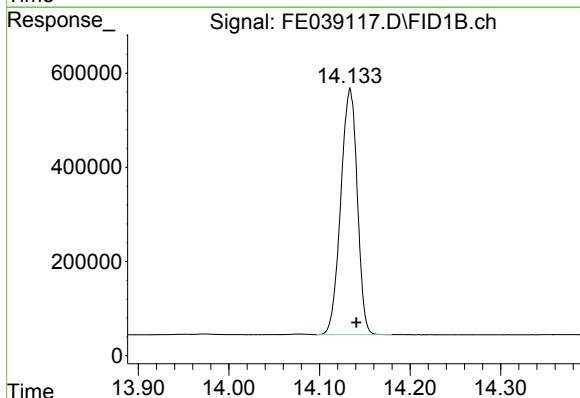
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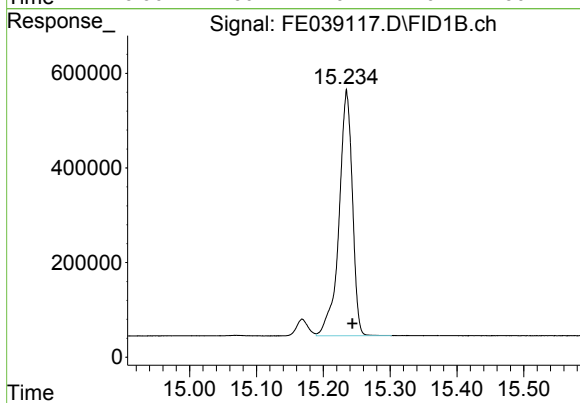
#12 1-chlorooctadecane (SURR)

R.T.: 13.380 min
Delta R.T.: -0.008 min
Response: 4686817
Conc: 38.82 ug/ml



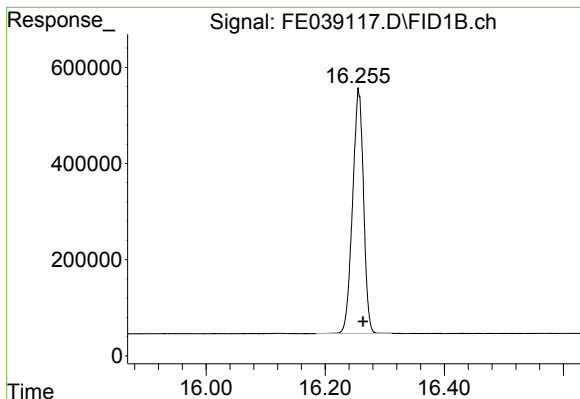
#13 n-Docosane (C22)

R.T.: 14.134 min
Delta R.T.: -0.007 min
Response: 6626499
Conc: 47.40 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.235 min
Delta R.T.: -0.009 min
Response: 7201330
Conc: 52.14 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: -0.007 min
Response: 6489828
Conc: 48.32 ug/ml

Instrument :

FID_E

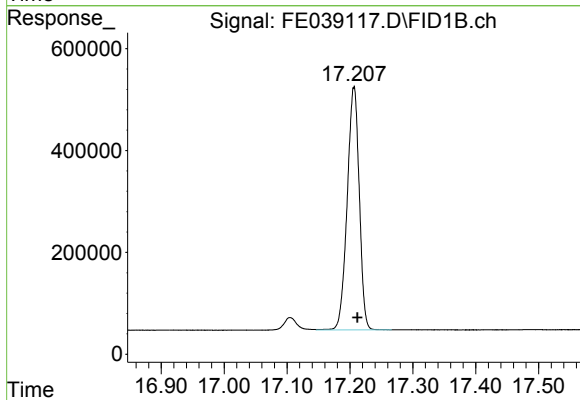
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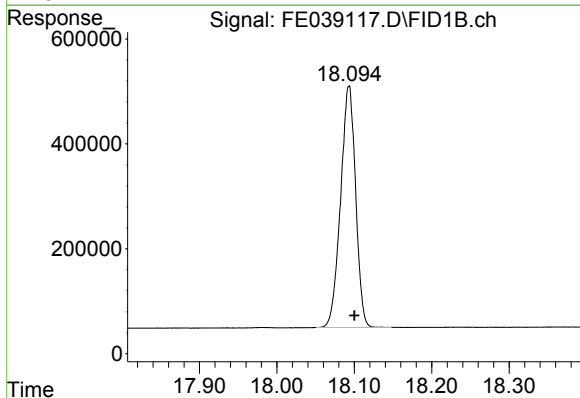
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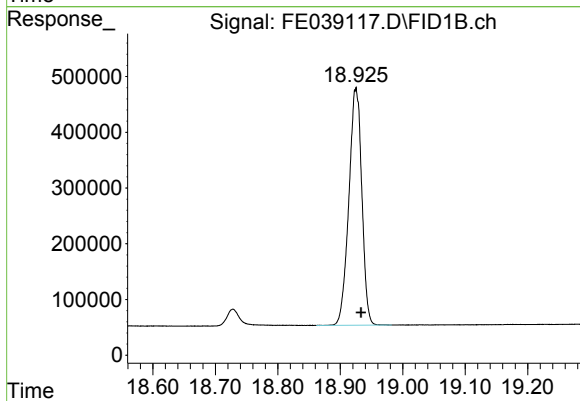
#16 n-Octacosane (C28)

R.T.: 17.206 min
Delta R.T.: -0.005 min
Response: 6363147
Conc: 47.92 ug/ml



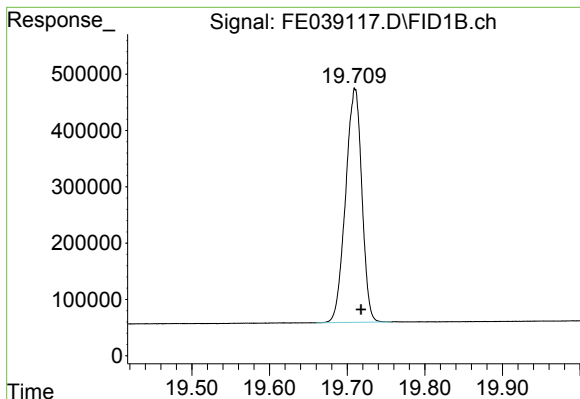
#17 n-Tricontane (C30)

R.T.: 18.093 min
Delta R.T.: -0.007 min
Response: 6216958
Conc: 47.08 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.925 min
Delta R.T.: -0.009 min
Response: 6126356
Conc: 45.94 ug/ml



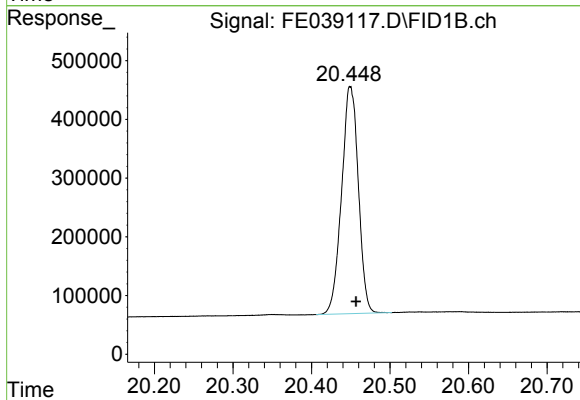
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: -0.009 min
Response: 6046831
Conc: 45.70 ug/ml

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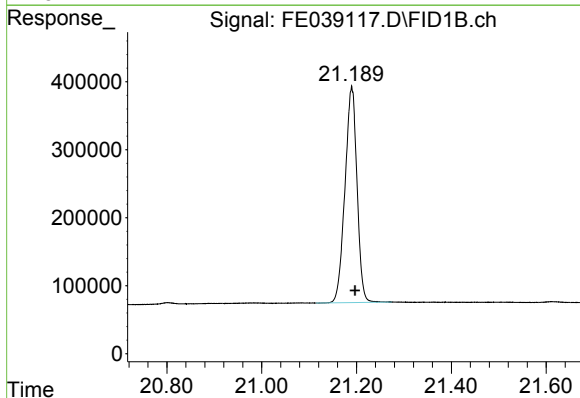
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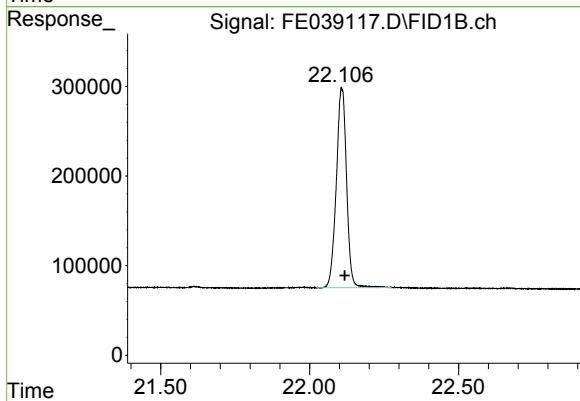
#20 n-Hexatriacontane (C36)

R.T.: 20.448 min
Delta R.T.: -0.009 min
Response: 5748282
Conc: 44.74 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.190 min
Delta R.T.: -0.007 min
Response: 5587545
Conc: 42.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: -0.011 min
Response: 5341466
Conc: 39.23 ug/ml