

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120622AL\
 Data File : FE039150.D
 Signal(s) : FID1B.ch
 Acq On : 06 Dec 2022 13:15
 Operator : YP\AJ
 Sample : PB149425BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149425BS

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Dec 06 15:23:24 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	4656409	38.566 ug/ml
Spiked Amount 50.000		Recovery =	77.13%
Target Compounds			
1) T n-Nonane (C9)	3.338	2988722	21.085 ug/ml
2) T n-Decane (C10)	4.588	3731089	26.770 ug/ml
4) T n-Dodecane (C12)	6.751	4494940	31.888 ug/ml
6) T n-Tetradecane (C14)	8.577	4984783	34.902 ug/ml
7) T n-Hexadecane (C16)	10.184	5591625	38.244 ug/ml
8) T n-Octadecane (C18)	11.627	6390120	43.426 ug/ml
10) T n-Eicosane (C20)	12.936	6438054	45.350 ug/ml
11) T n-Heneicosane (C21)	13.548	6448610	45.381 ug/ml
13) T n-Docosane (C22)	14.134	6437634	46.053 ug/ml
14) T n-Tetracosane (C24)	15.237	6960755	50.402 ug/ml
15) T n-Hexacosane (C26)	16.257	6259415	46.603 ug/ml
16) T n-Octacosane (C28)	17.205	6085717	45.827 ug/ml
17) T n-Tricontane (C30)	18.094	5951367	45.065 ug/ml
18) T n-Dotriacontane (C32)	18.926	5818318	43.627 ug/ml
19) T n-Tetratriacontane (C34)	19.710	5712879	43.174 ug/mlm
20) T n-Hexatriacontane (C36)	20.448	5440306	42.347 ug/mlm
21) T n-Octatriacontane (C38)	21.188	5408518	41.275 ug/ml
22) T n-Tetracontane (C40)	22.108	5335063	39.180 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FE039150.D
Signal(s) : FID1B.ch
Acq On : 06 Dec 2022 13:15
Operator : YP\AJ
Sample : PB149425BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

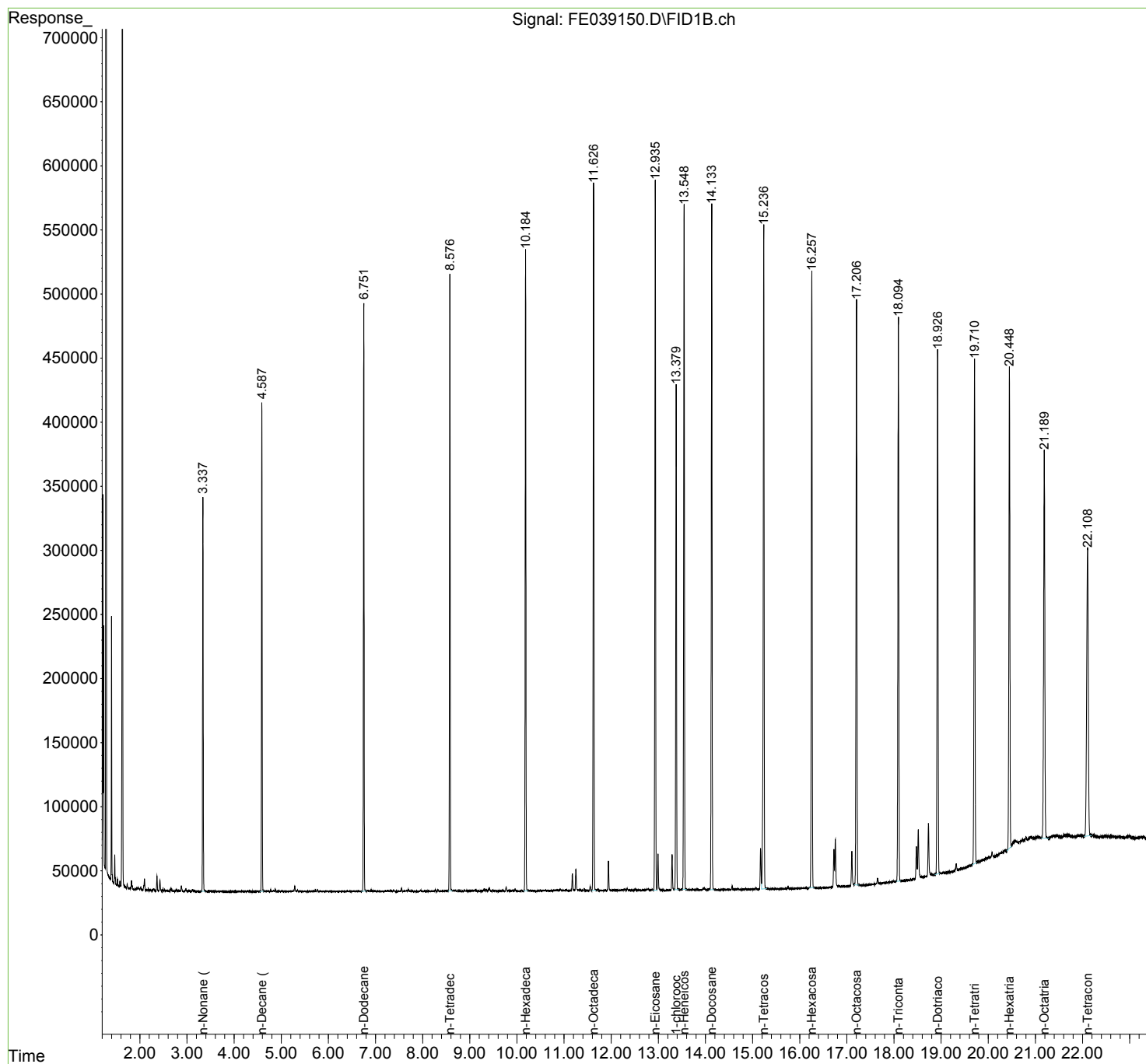
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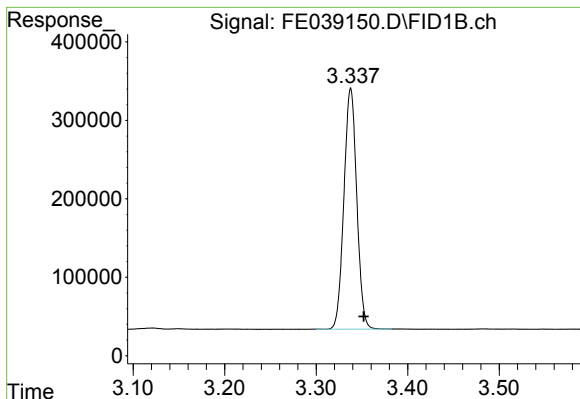
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.338 min
Delta R.T.: -0.014 min
Response: 2988722
Conc: 21.08 ug/ml

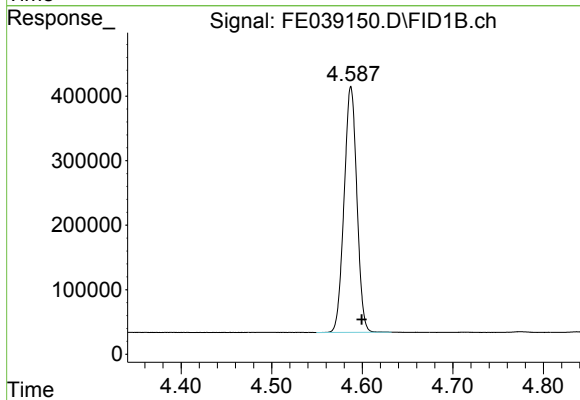
Instrument :

FID_E

ClientSampleId :
PB149425BS

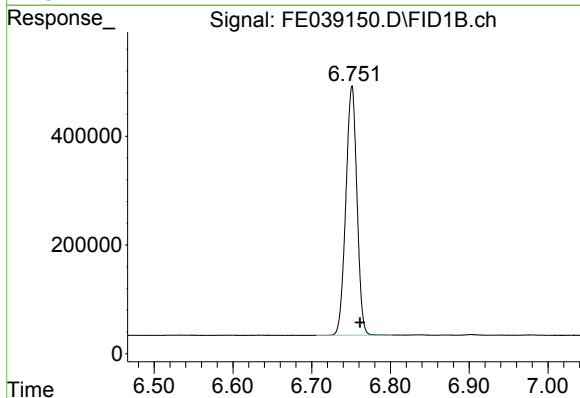
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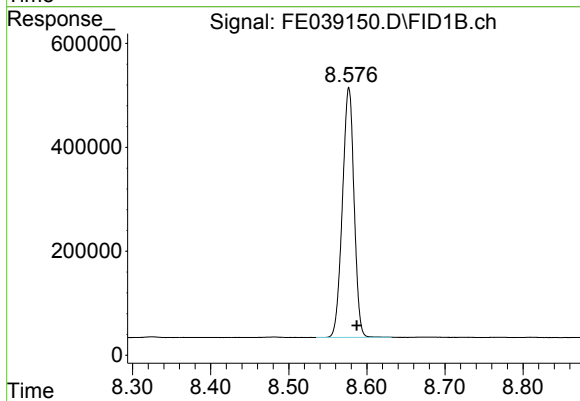
#2 n-Decane (C10)

R.T.: 4.588 min
Delta R.T.: -0.012 min
Response: 3731089
Conc: 26.77 ug/ml



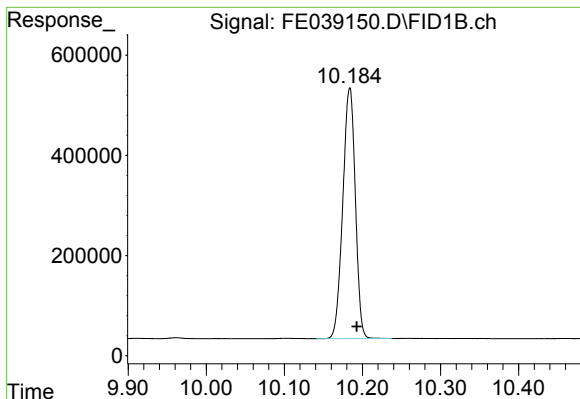
#4 n-Dodecane (C12)

R.T.: 6.751 min
Delta R.T.: -0.010 min
Response: 4494940
Conc: 31.89 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.577 min
Delta R.T.: -0.010 min
Response: 4984783
Conc: 34.90 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.184 min
Delta R.T.: -0.009 min
Response: 5591625
Conc: 38.24 ug/ml

Instrument :

FID_E

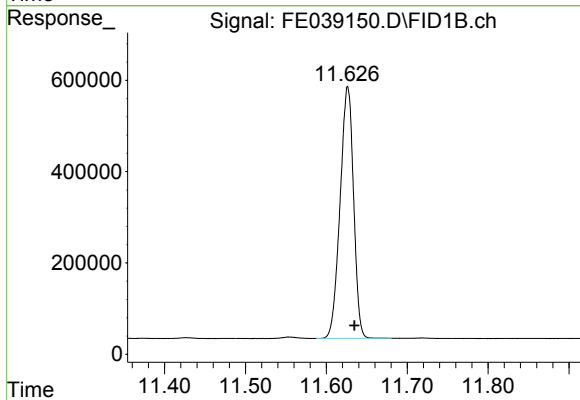
ClientSampleId :

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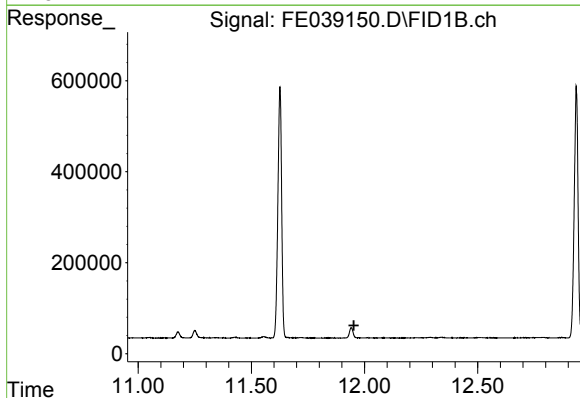
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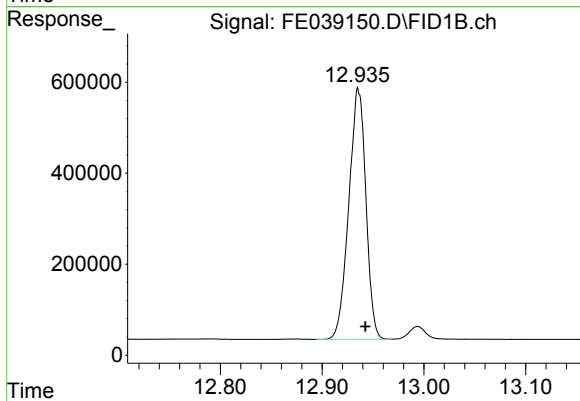
#8 n-Octadecane (C18)

R.T.: 11.627 min
Delta R.T.: -0.008 min
Response: 6390120
Conc: 43.43 ug/ml



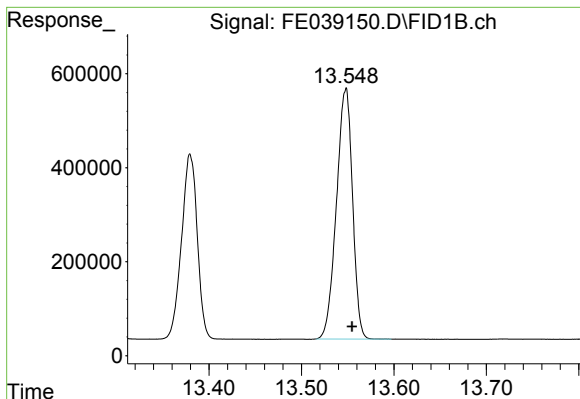
#9 ortho-Terphenyl (SURR)

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.: -0.007 min
Response: 6438054
Conc: 45.35 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: -0.007 min
Response: 6448610
Conc: 45.38 ug/ml

Instrument :

FID_E

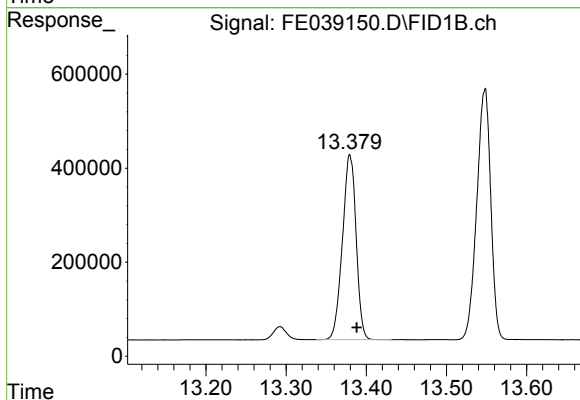
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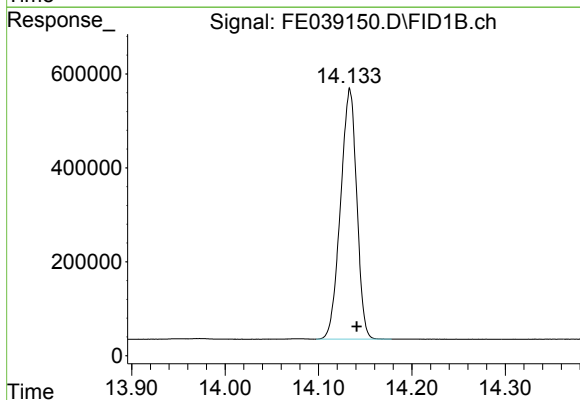
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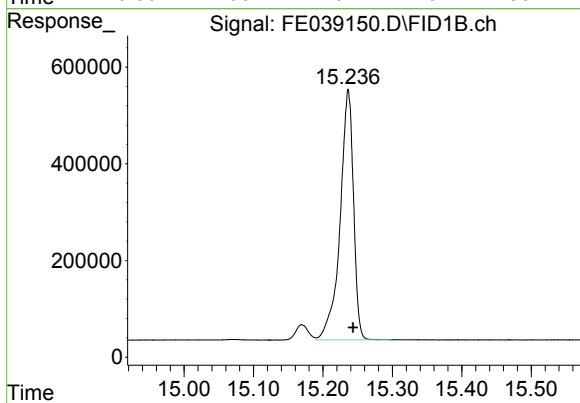
#12 1-chlorooctadecane (SURR)

R.T.: 13.380 min
Delta R.T.: -0.009 min
Response: 4656409
Conc: 38.57 ug/ml



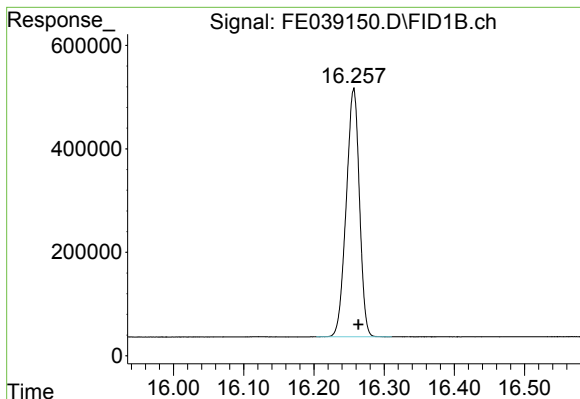
#13 n-Docosane (C22)

R.T.: 14.134 min
Delta R.T.: -0.007 min
Response: 6437634
Conc: 46.05 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.237 min
Delta R.T.: -0.007 min
Response: 6960755
Conc: 50.40 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: -0.007 min
Response: 6259415
Conc: 46.60 ug/ml

Instrument :

FID_E

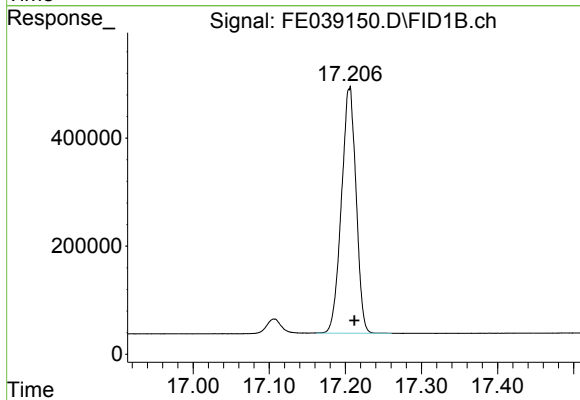
ClientSampleId :

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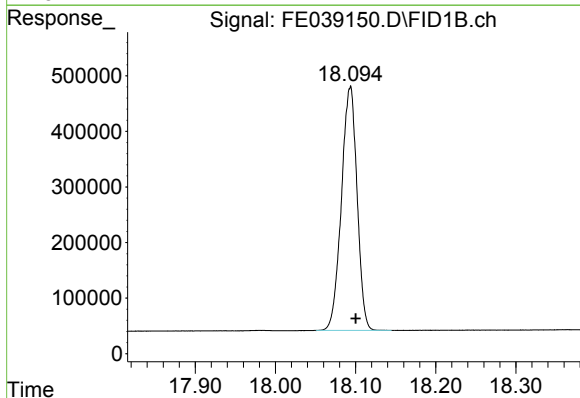
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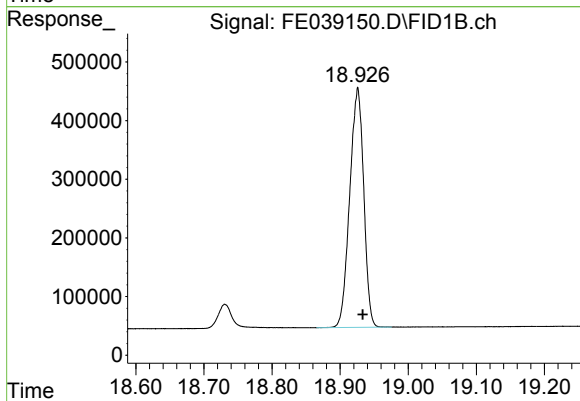
#16 n-Octacosane (C28)

R.T.: 17.205 min
Delta R.T.: -0.006 min
Response: 6085717
Conc: 45.83 ug/ml



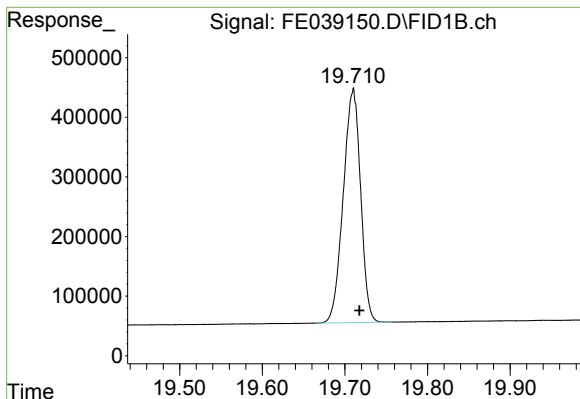
#17 n-Tricontane (C30)

R.T.: 18.094 min
Delta R.T.: -0.007 min
Response: 5951367
Conc: 45.07 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: -0.007 min
Response: 5818318
Conc: 43.63 ug/ml



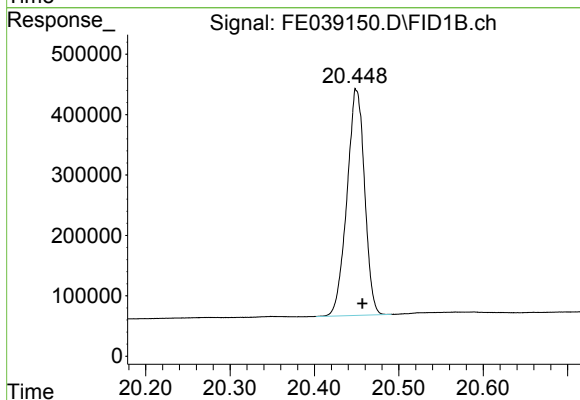
#19 n-Tetratriacontane (C34)

R.T.: 19.710 min
Delta R.T.: -0.008 min
Response: 5712879
Conc: 43.17 ug/ml

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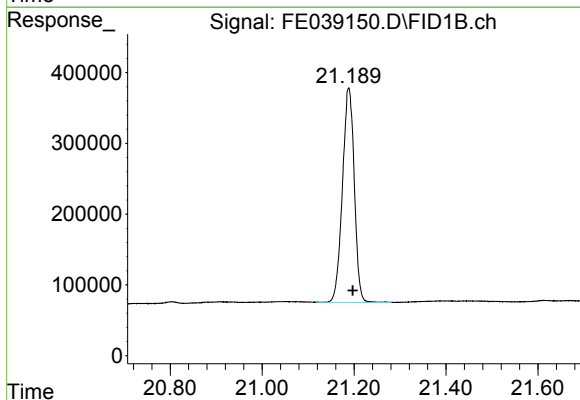
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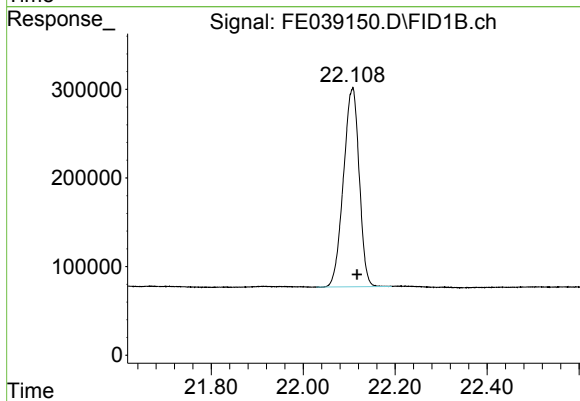
#20 n-Hexatriacontane (C36)

R.T.: 20.448 min
Delta R.T.: -0.009 min
Response: 5440306
Conc: 42.35 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: -0.009 min
Response: 5408518
Conc: 41.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.108 min
Delta R.T.: -0.010 min
Response: 5335063
Conc: 39.18 ug/ml