

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120622AL\
 Data File : FE039164.D
 Signal(s) : FID1B.ch
 Acq On : 06 Dec 2022 21:30
 Operator : YP\AJ
 Sample : PB149433BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149433BSD

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 04:26:40 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)	11.944	6726221	42.996 ug/ml
Spiked Amount 50.000		Recovery =	85.99%
12) S 1-chlorooctadecane (S...	13.378	5068523	41.979 ug/ml
Spiked Amount 50.000		Recovery =	83.96%
Target Compounds			
1) T n-Nonane (C9)	3.349	6609025	46.625 ug/ml
2) T n-Decane (C10)	4.595	7012990	50.316 ug/ml
3) T A~Naphthalene (C11.7)	6.291	5820815	36.597 ug/ml
4) T n-Dodecane (C12)	6.753	7524478	53.381 ug/ml
5) T A~2-methylnaphthalene...	7.385	5803694	38.778 ug/ml
6) T n-Tetradecane (C14)	8.579	7667894	53.688 ug/ml
7) T n-Hexadecane (C16)	10.185	8181060	55.954 ug/ml
8) T n-Octadecane (C18)	11.627	8603047	58.465 ug/ml
10) T n-Eicosane (C20)	12.935	8473344	59.687 ug/ml
11) T n-Heneicosane (C21)	13.547	8398344	59.102 ug/ml
13) T n-Docosane (C22)	14.134	8492020	60.749 ug/ml
14) T n-Tetracosane (C24)	15.235	8415257	60.934 ug/mlm
15) T n-Hexacosane (C26)	16.257	8361335	62.252 ug/ml
16) T n-Octacosane (C28)	17.205	8236159	62.020 ug/ml
17) T n-Tricontane (C30)	18.093	7911761	59.910 ug/ml
18) T n-Dotriacontane (C32)	18.925	7724999	57.923 ug/ml
19) T n-Tetratriacontane (C34)	19.708	7061982	53.369 ug/mlm
20) T n-Hexatriacontane (C36)	20.445	5782085	45.007 ug/mlm
21) T n-Octatriacontane (C38)	21.184	4690924	35.799 ug/ml
22) T n-Tetracontane (C40)	22.098	3795340	27.873 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB149433BSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

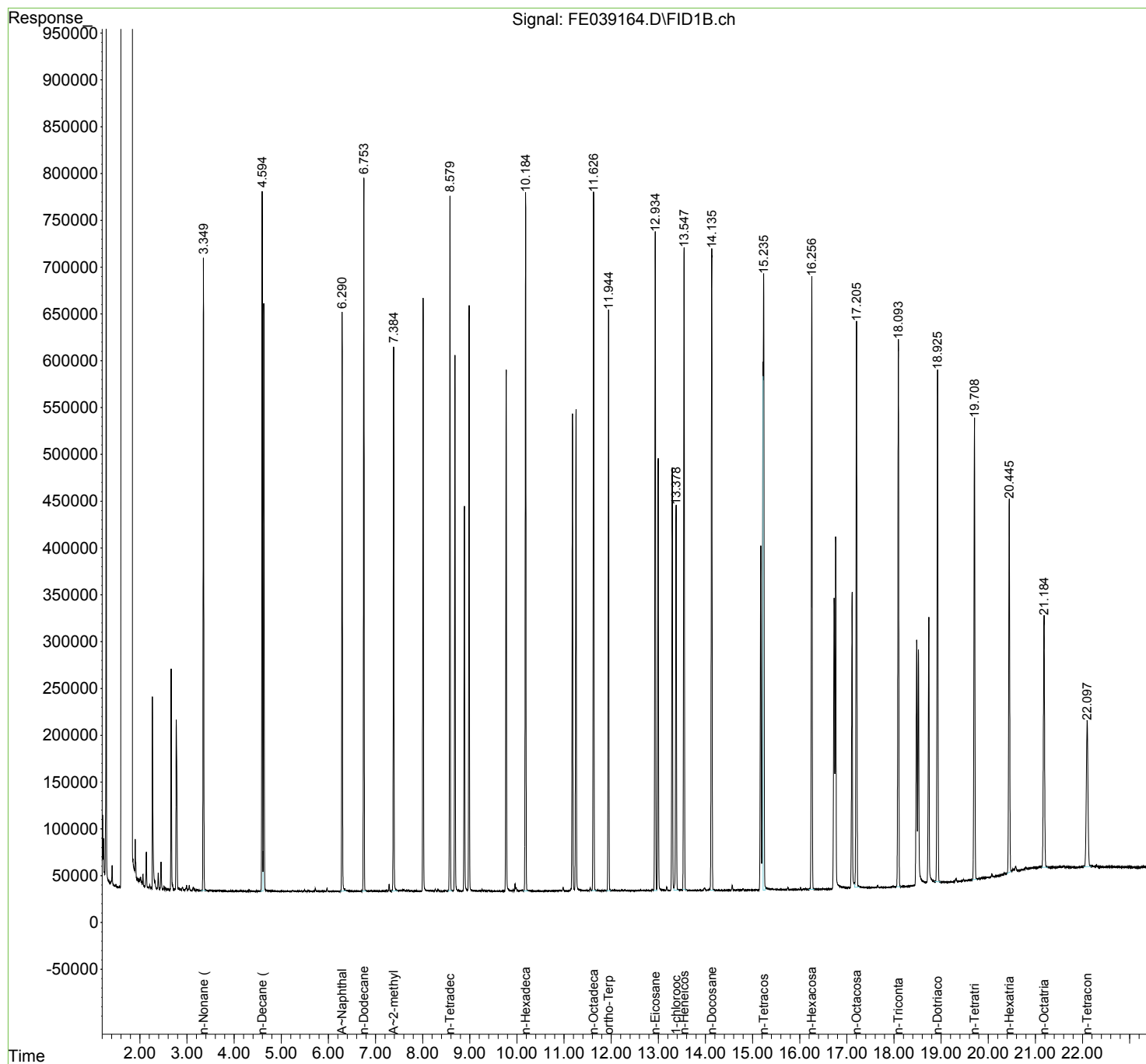
Instrument :
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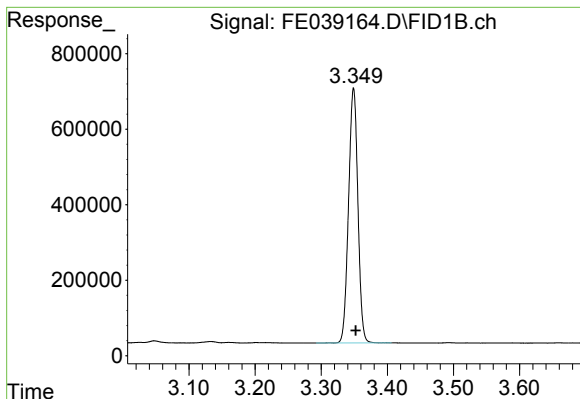
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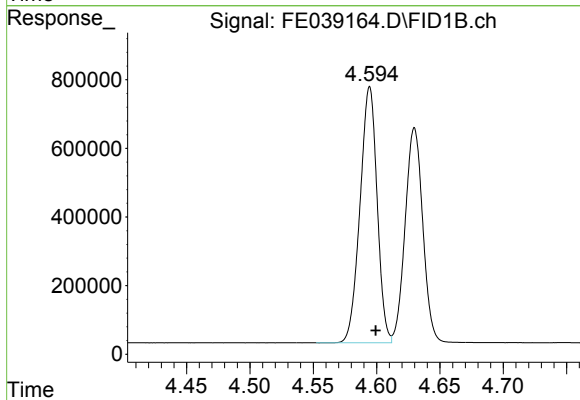
#1 n-Nonane (C9)

R.T.: 3.349 min
Delta R.T.: -0.003 min
Response: 6609025
Conc: 46.63 ug/ml

Instrument :
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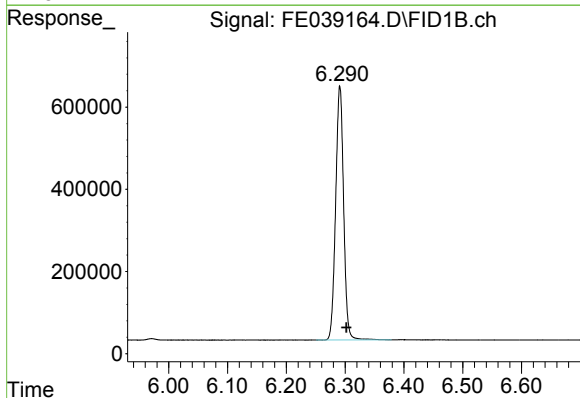
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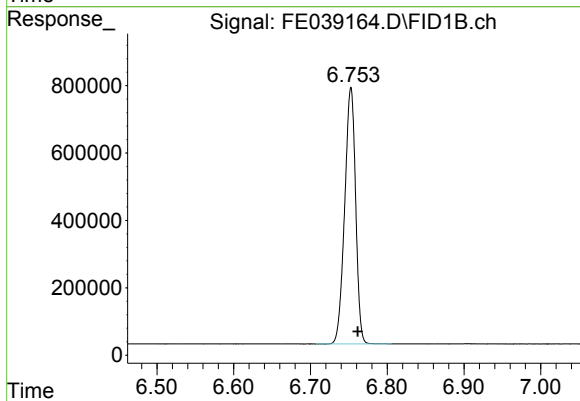
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: -0.005 min
Response: 7012990
Conc: 50.32 ug/ml



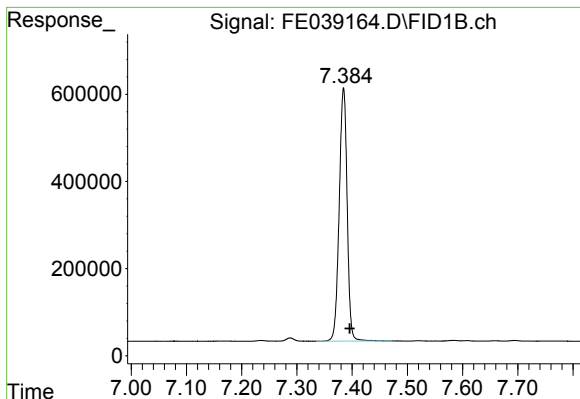
#3 A~Naphthalene (C11.7)

R.T.: 6.291 min
Delta R.T.: -0.011 min
Response: 5820815
Conc: 36.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.753 min
Delta R.T.: -0.009 min
Response: 7524478
Conc: 53.38 ug/ml



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

R.T.: 7.385 min
Delta R.T.: -0.011 min
Response: 5803694
Conc: 38.78 ug/ml

Instrument :

FID_E

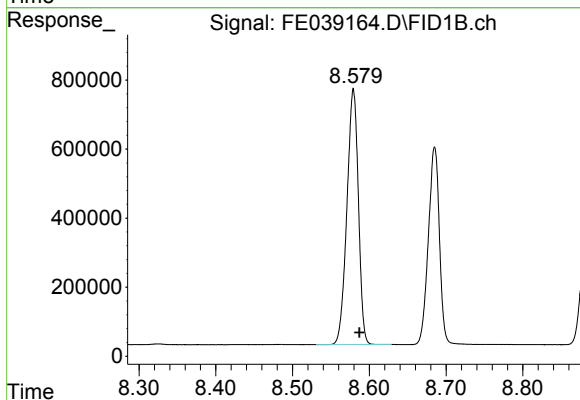
ClientSampleId :

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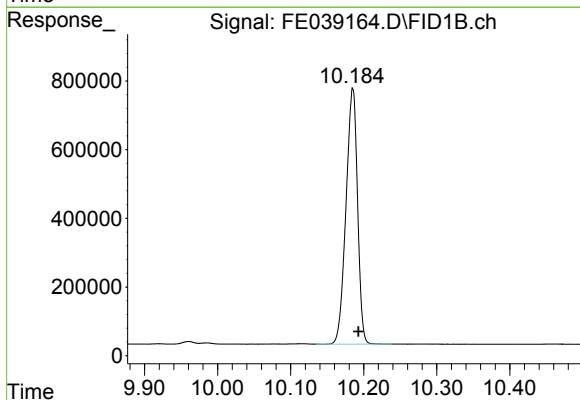
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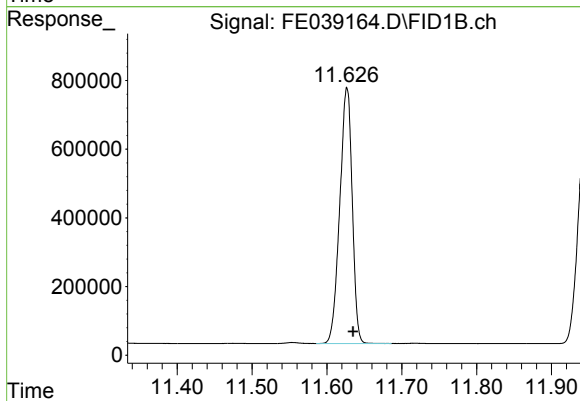
#6 n-Tetradecane (C14)

R.T.: 8.579 min
Delta R.T.: -0.008 min
Response: 7667894
Conc: 53.69 ug/ml



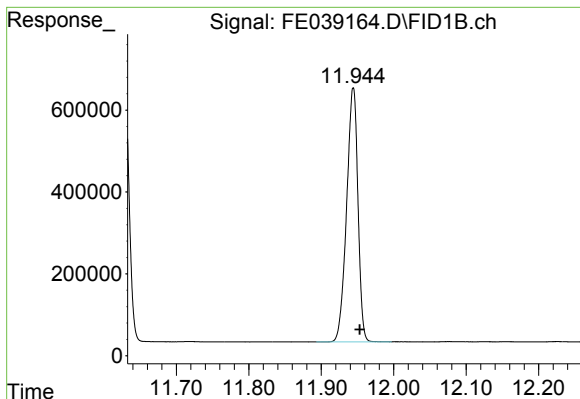
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: -0.008 min
Response: 8181060
Conc: 55.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.627 min
Delta R.T.: -0.008 min
Response: 8603047
Conc: 58.46 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.944 min
Delta R.T.: -0.009 min
Response: 6726221
Conc: 43.00 ug/ml

Instrument :

FID_E

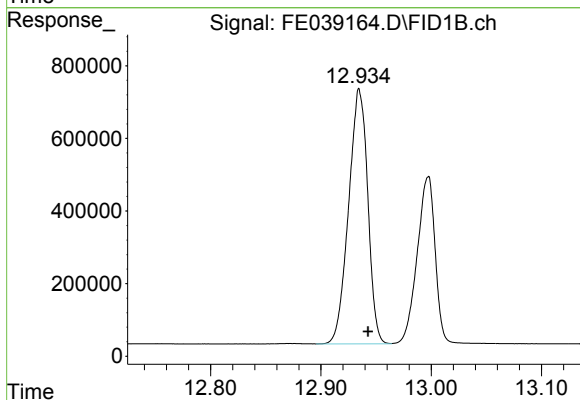
ClientSampleId :

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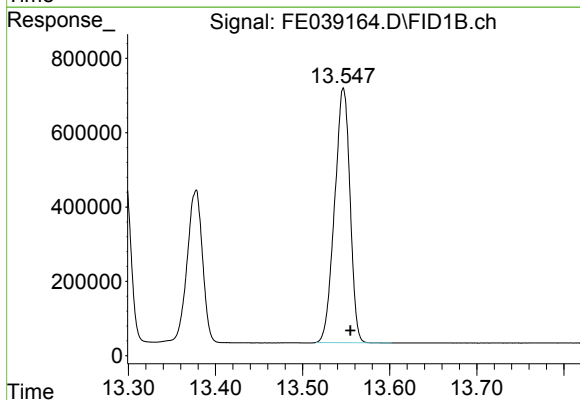
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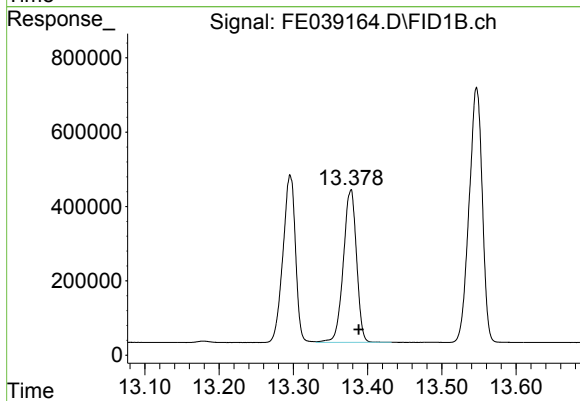
#10 n-Eicosane (C20)

R.T.: 12.935 min
Delta R.T.: -0.008 min
Response: 8473344
Conc: 59.69 ug/ml



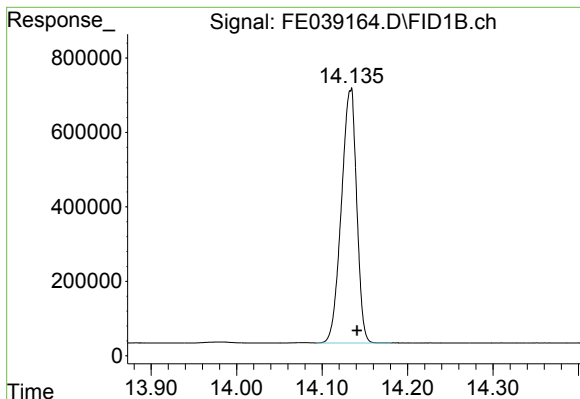
#11 n-Heneicosane (C21)

R.T.: 13.547 min
Delta R.T.: -0.008 min
Response: 8398344
Conc: 59.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.378 min
Delta R.T.: -0.011 min
Response: 5068523
Conc: 41.98 ug/ml



#13 n-Docosane (C22)

R.T.: 14.134 min
Delta R.T.: -0.007 min
Response: 8492020
Conc: 60.75 ug/ml

Instrument :

FID_E

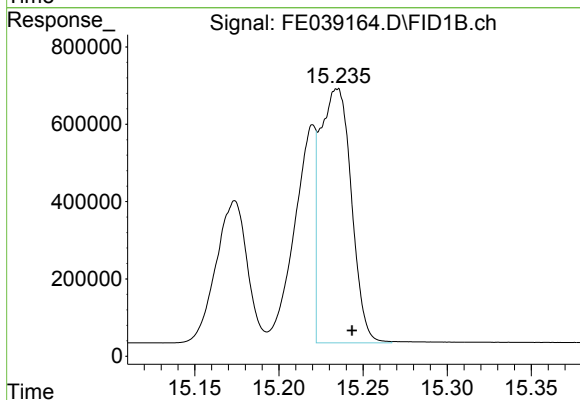
ClientSampleId :

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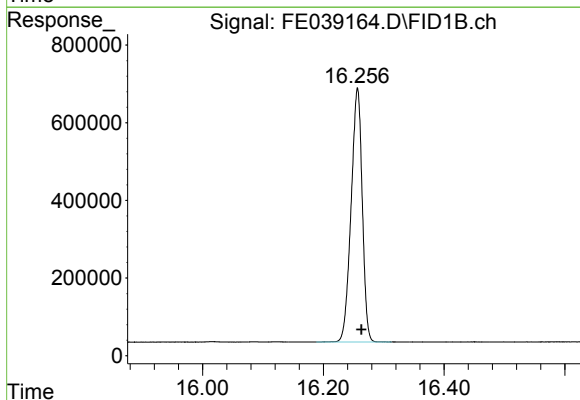
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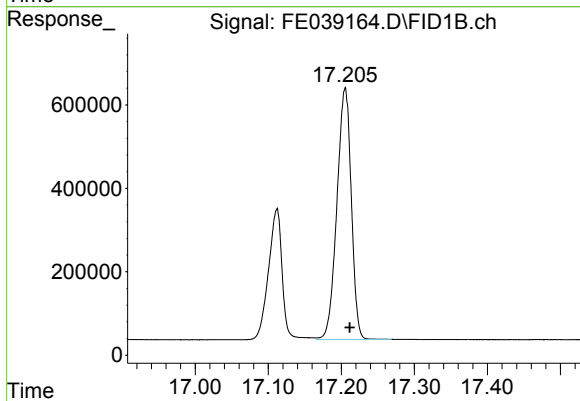
#14 n-Tetracosane (C24)

R.T.: 15.235 min
Delta R.T.: -0.008 min
Response: 8415257
Conc: 60.93 ug/ml m



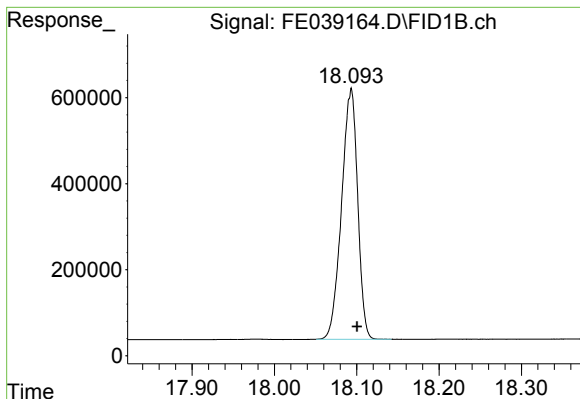
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: -0.007 min
Response: 8361335
Conc: 62.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.205 min
Delta R.T.: -0.007 min
Response: 8236159
Conc: 62.02 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.093 min
Delta R.T.: -0.007 min
Response: 7911761
Conc: 59.91 ug/ml

Instrument :

FID_E

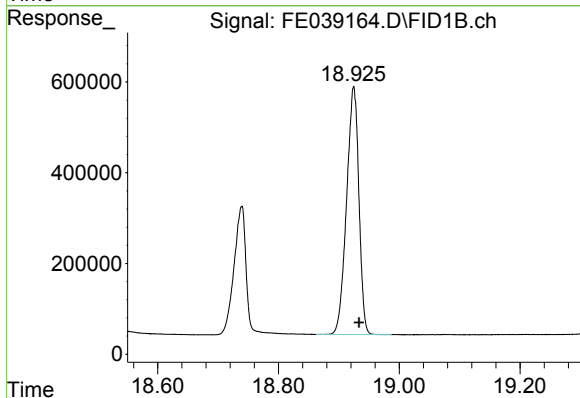
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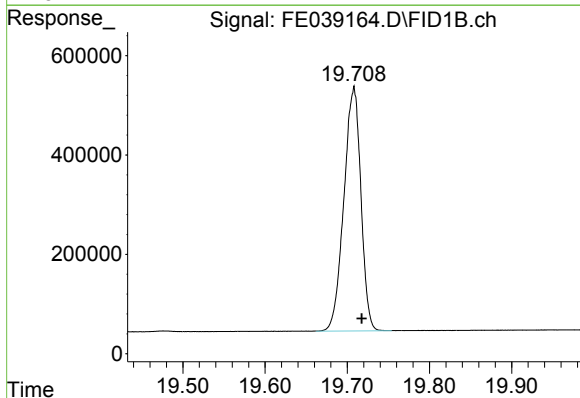
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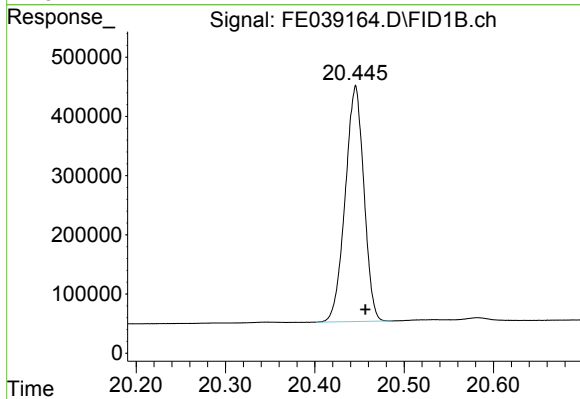
#18 n-Dotriacontane (C32)

R.T.: 18.925 min
Delta R.T.: -0.009 min
Response: 7724999
Conc: 57.92 ug/ml



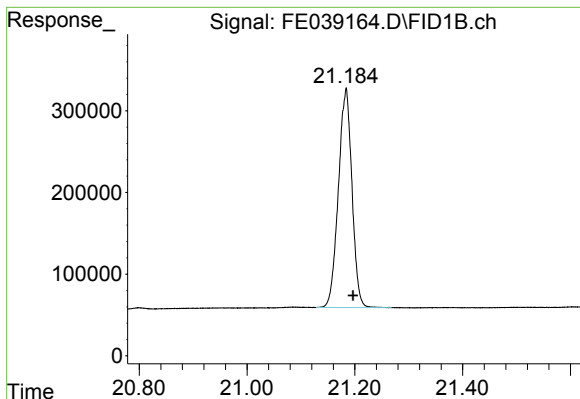
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min
Delta R.T.: -0.010 min
Response: 7061982
Conc: 53.37 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: -0.011 min
Response: 5782085
Conc: 45.01 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: -0.013 min
Response: 4690924
Conc: 35.80 ug/ml

Instrument :

FID_E

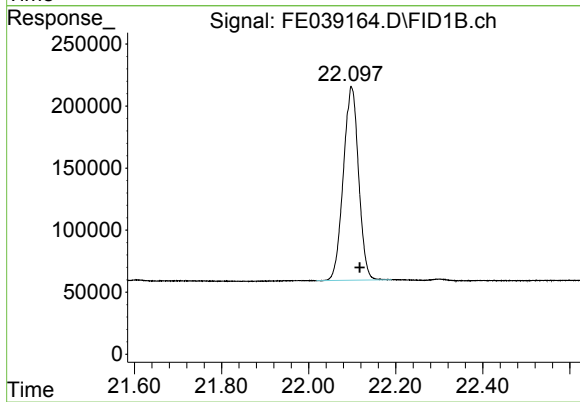
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#22 n-Tetracontane (C40)

R.T.: 22.098 min
Delta R.T.: -0.019 min
Response: 3795340
Conc: 27.87 ug/ml