

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120122AL\
 Data File : FE039061.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2022 15:24
 Operator : YP\AJ
 Sample : PB149364BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149364BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/02/2022
 Supervised By :Ankita Jodhani 12/02/2022

Integration File: autoint1.e
 Quant Time: Dec 01 16:44:30 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)	11.952	7048616	45.057 ug/ml
Spiked Amount 50.000		Recovery =	90.11%
12) S 1-chlorooctadecane (S...	13.383	5336286	44.197 ug/ml
Spiked Amount 50.000		Recovery =	88.39%
Target Compounds			
1) T n-Nonane (C9)	3.350	5693018	40.163 ug/ml
2) T n-Decane (C10)	4.597	6157962	44.182 ug/ml
3) T A~Naphthalene (C11.7)	6.297	5836465	36.695 ug/ml
4) T n-Dodecane (C12)	6.757	7196223	51.052 ug/ml
5) T A~2-methylnaphthalene...	7.391	5955323	39.791 ug/ml
6) T n-Tetradecane (C14)	8.585	7497819	52.498 ug/ml
7) T n-Hexadecane (C16)	10.190	7985211	54.614 ug/ml
8) T n-Octadecane (C18)	11.633	8303616	56.430 ug/ml
10) T n-Eicosane (C20)	12.942	8076523	56.892 ug/ml
11) T n-Heneicosane (C21)	13.553	7993518	56.253 ug/ml
13) T n-Docosane (C22)	14.139	8000624	57.234 ug/ml
14) T n-Tetracosane (C24)	15.238	4953987	35.871 ug/mlm
15) T n-Hexacosane (C26)	16.265	7729522	57.548 ug/ml
16) T n-Octacosane (C28)	17.212	7627704	57.438 ug/ml
17) T n-Tricontane (C30)	18.100	7376822	55.859 ug/ml
18) T n-Dotriacontane (C32)	18.931	7392381	55.429 ug/ml
19) T n-Tetratriacontane (C34)	19.714	7170338	54.188 ug/ml
20) T n-Hexatriacontane (C36)	20.456	6668592	51.907 ug/ml
21) T n-Octatriacontane (C38)	21.197	6254449	47.731 ug/ml
22) T n-Tetracontane (C40)	22.117	5572142	40.921 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB149364BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

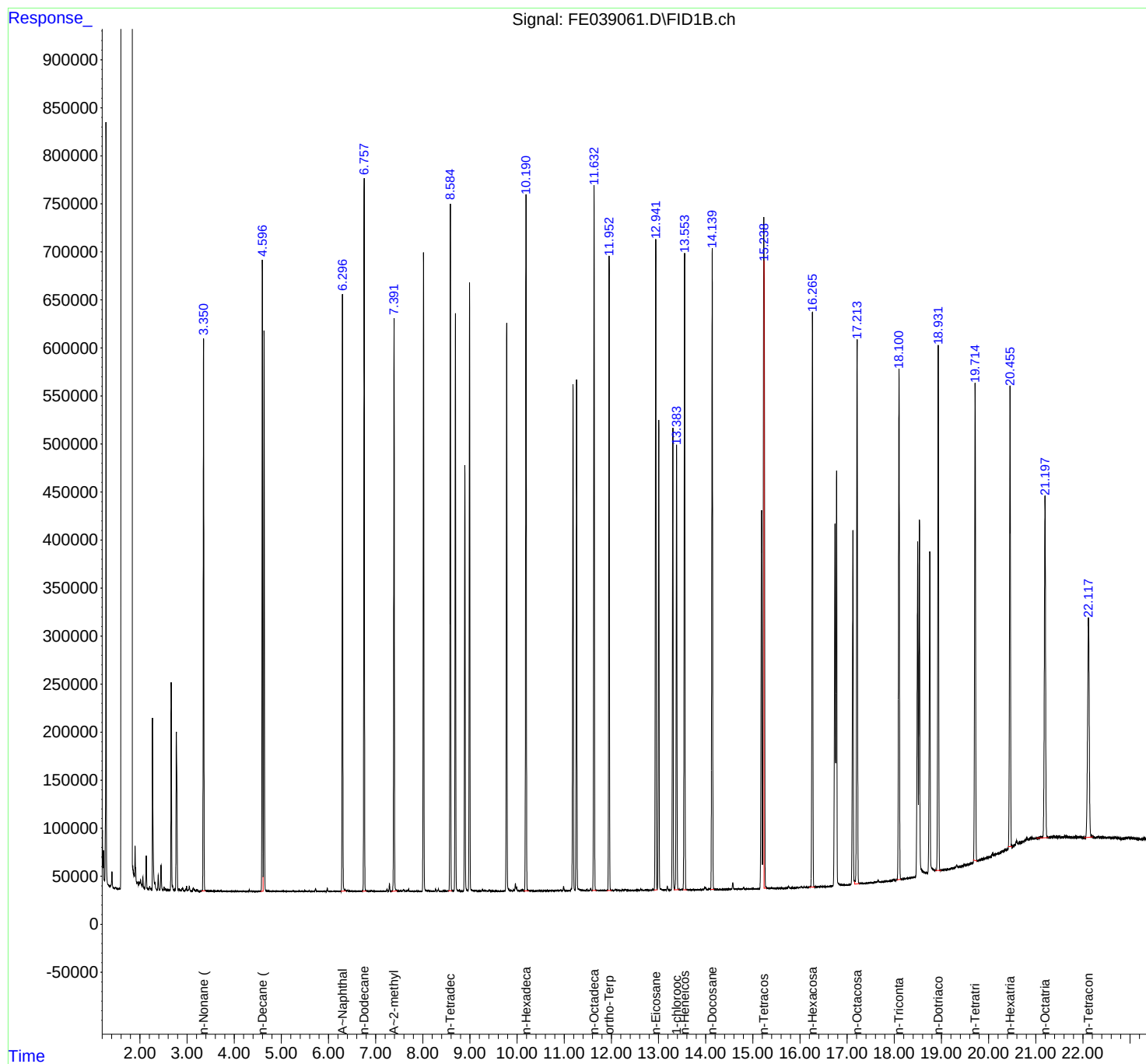
Instrument :
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PB149364BS

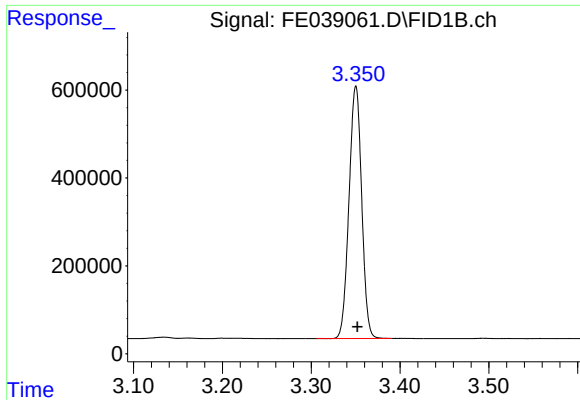
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#1 n-Nonane (C9)

R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 5693018
Conc: 40.16 ug/ml

Instrument :

FID_E

ClientSampleId :

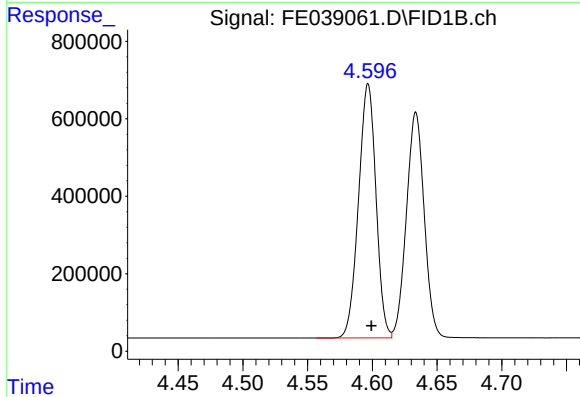
PB149364BS

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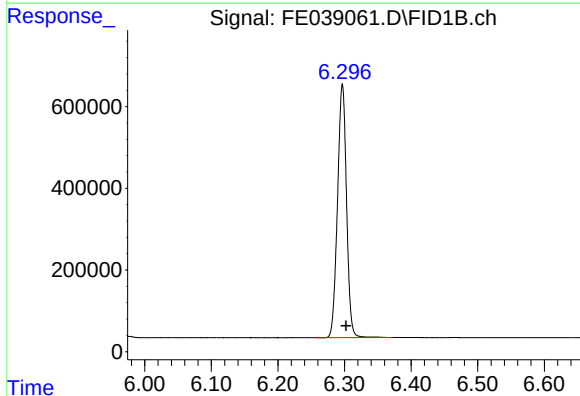
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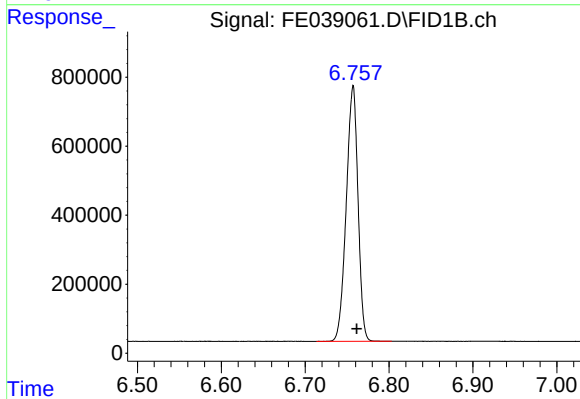
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.003 min
Response: 6157962
Conc: 44.18 ug/ml



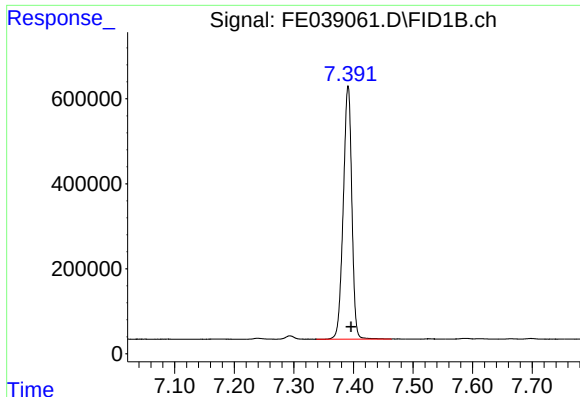
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: -0.005 min
Response: 5836465
Conc: 36.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 7196223
Conc: 51.05 ug/ml



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

R.T.: 7.391 min
Delta R.T.: -0.005 min
Response: 5955323
Conc: 39.79 ug/ml

Instrument :

FID_E

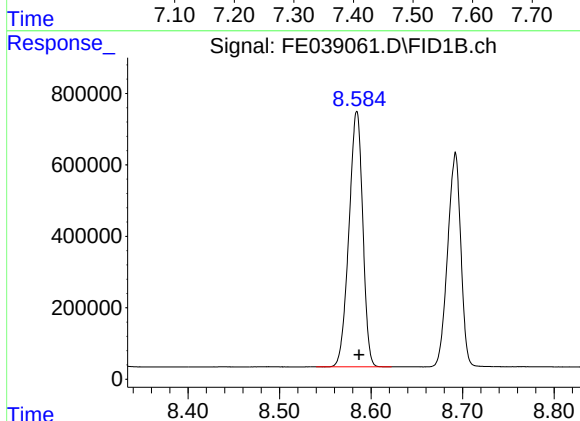
ClientSampleId :

PB149364BS

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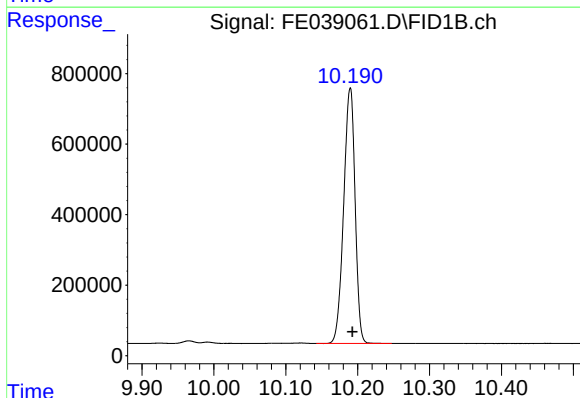
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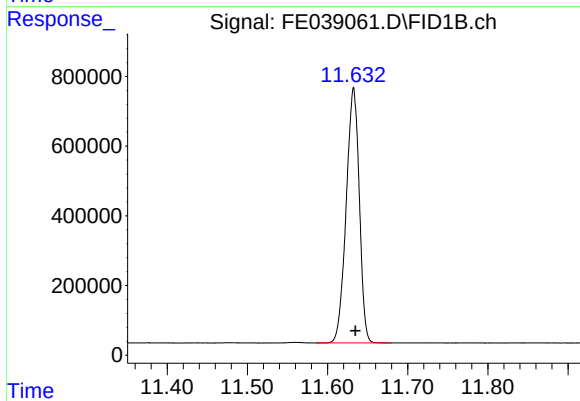
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: -0.002 min
Response: 7497819
Conc: 52.50 ug/ml



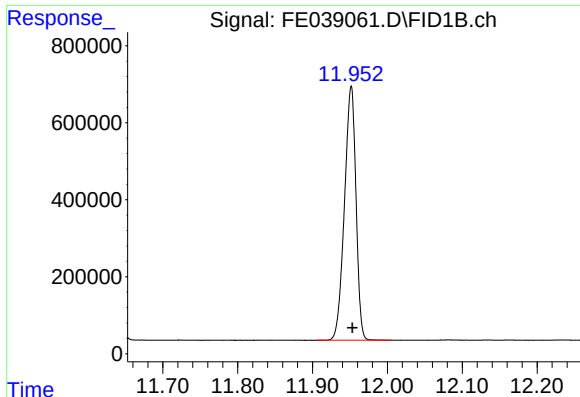
#7 n-Hexadecane (C16)

R.T.: 10.190 min
Delta R.T.: -0.003 min
Response: 7985211
Conc: 54.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.633 min
Delta R.T.: -0.002 min
Response: 8303616
Conc: 56.43 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.952 min
Delta R.T.: -0.002 min
Response: 7048616
Conc: 45.06 ug/ml

Instrument :

FID_E

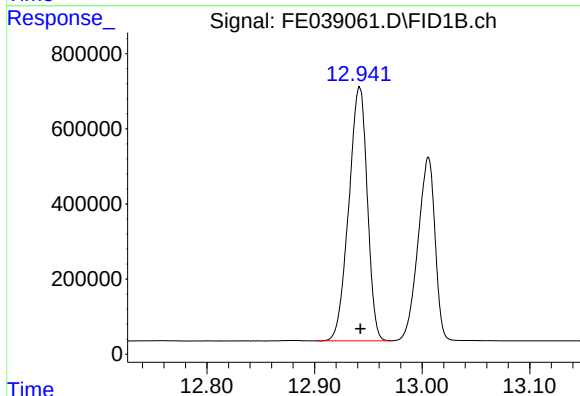
ClientSampleId :

PB149364BS

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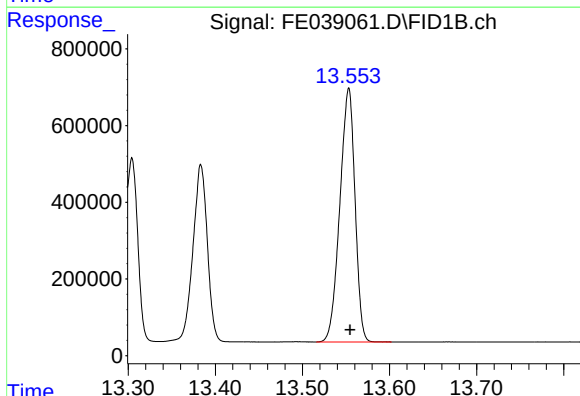
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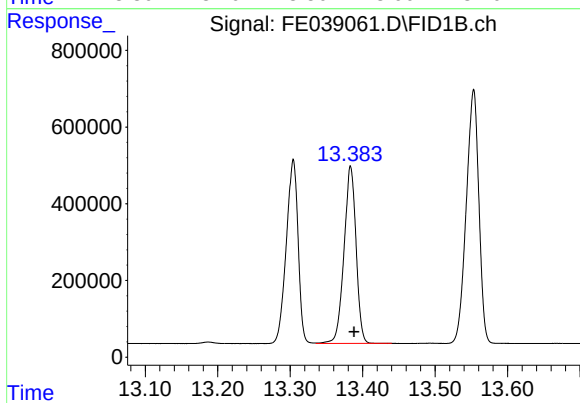
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.000 min
Response: 8076523
Conc: 56.89 ug/ml



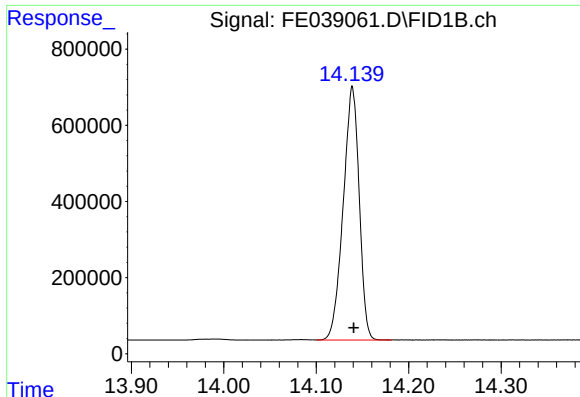
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: -0.002 min
Response: 7993518
Conc: 56.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.383 min
Delta R.T.: -0.005 min
Response: 5336286
Conc: 44.20 ug/ml



#13 n-Docosane (C22)

R.T.: 14.139 min
Delta R.T.: -0.002 min
Response: 8000624
Conc: 57.23 ug/ml

Instrument :

FID_E

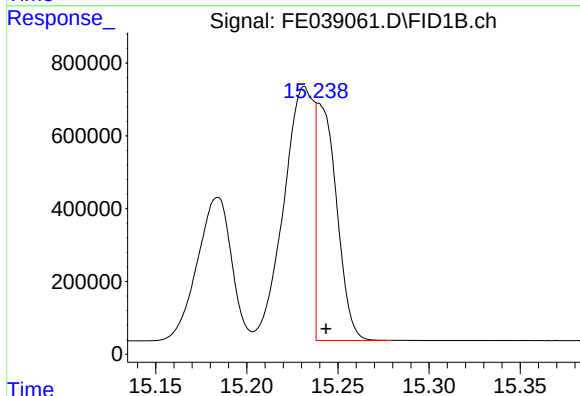
ClientSampleId :

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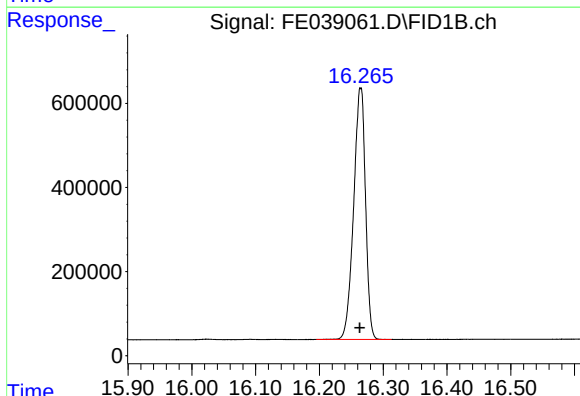
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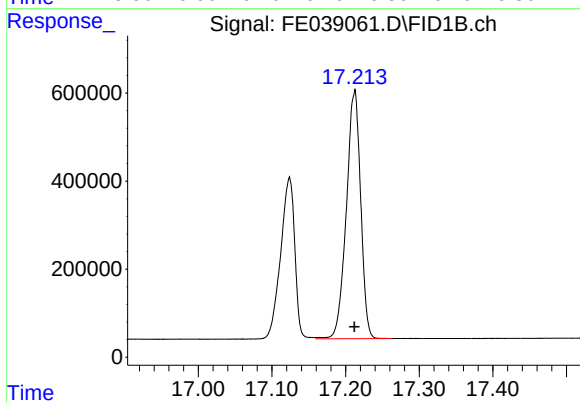
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: -0.005 min
Response: 4953987
Conc: 35.87 ug/ml m



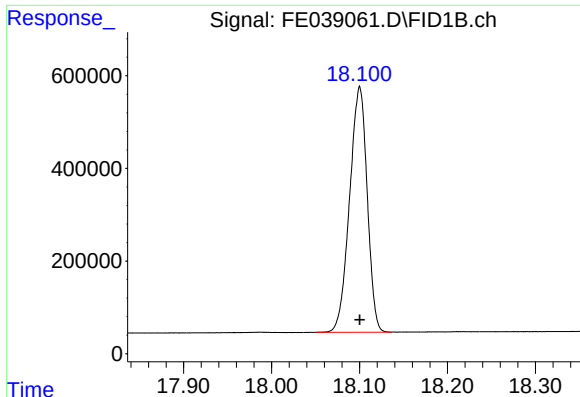
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: 0.001 min
Response: 7729522
Conc: 57.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.212 min
Delta R.T.: 0.000 min
Response: 7627704
Conc: 57.44 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.100 min
Delta R.T.: 0.000 min
Response: 7376822
Conc: 55.86 ug/ml

Instrument :

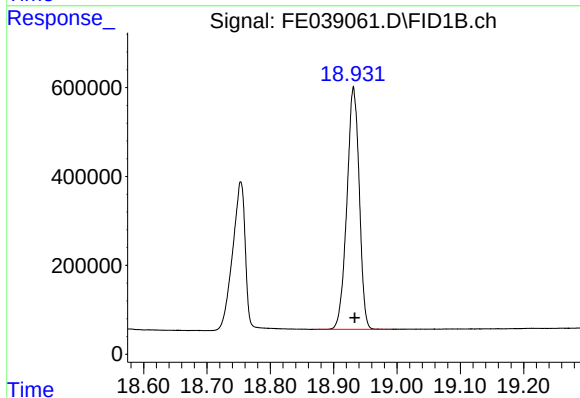
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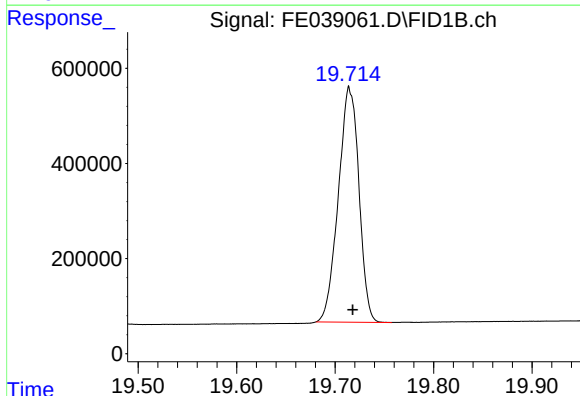
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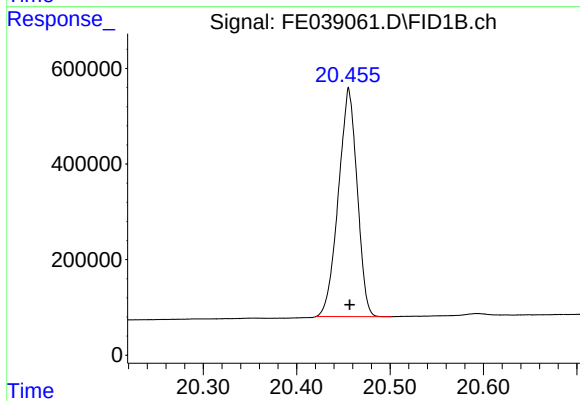
#18 n-Dotriacontane (C32)

R.T.: 18.931 min
Delta R.T.: -0.002 min
Response: 7392381
Conc: 55.43 ug/ml



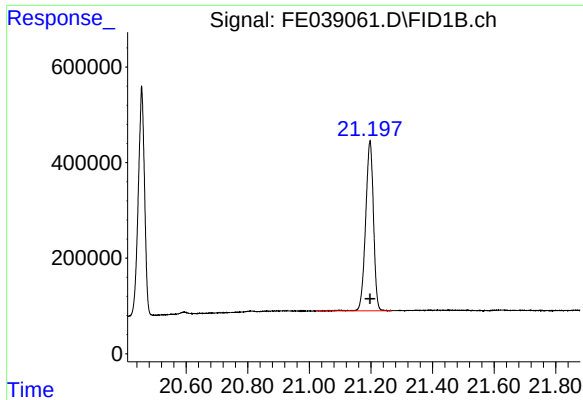
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.003 min
Response: 7170338
Conc: 54.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: -0.001 min
Response: 6668592
Conc: 51.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: 0.000 min
Response: 6254449
Conc: 47.73 ug/ml

Instrument :

FID_E

ClientSampleId :

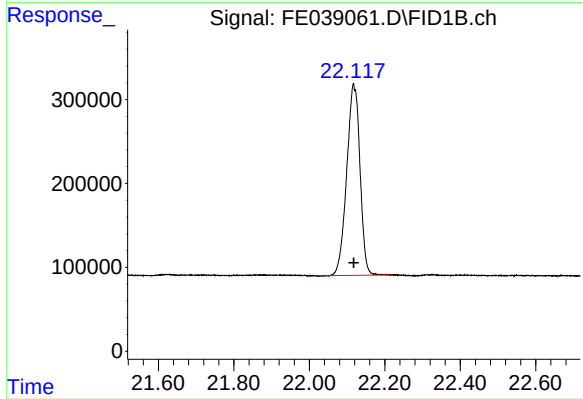
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#22 n-Tetracontane (C40)

R.T.: 22.117 min
Delta R.T.: 0.000 min
Response: 5572142
Conc: 40.92 ug/ml