

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120922AL\
 Data File : FE039213.D
 Signal(s) : FID1B.ch
 Acq On : 09 Dec 2022 14:29
 Operator : YP\AJ
 Sample : PB149512BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149512BS

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Dec 11 03:03:58 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)	11.943	6800307	43.469 ug/ml
Spiked Amount 50.000		Recovery =	86.94%
12) S 1-chlorooctadecane (S...	13.377	5095398	42.201 ug/ml
Spiked Amount 50.000		Recovery =	84.40%
Target Compounds			
1) T n-Nonane (C9)	3.344	5317277	37.512 ug/ml
2) T n-Decane (C10)	4.590	5533699	39.703 ug/ml
3) T A~Naphthalene (C11.7)	6.289	6349845	39.923 ug/ml
4) T n-Dodecane (C12)	6.749	5811000	41.225 ug/ml
5) T A~2-methylnaphthalene...	7.383	6085604	40.661 ug/ml
6) T n-Tetradecane (C14)	8.576	5811860	40.693 ug/ml
7) T n-Hexadecane (C16)	10.181	6089918	41.652 ug/ml
8) T n-Octadecane (C18)	11.624	6300887	42.820 ug/ml
10) T n-Eicosane (C20)	12.933	6109097	43.033 ug/ml
11) T n-Heneicosane (C21)	13.543	6033328	42.459 ug/mlm
13) T n-Docosane (C22)	14.130	6038689	43.199 ug/ml
14) T n-Tetracosane (C24)	15.228	4083980	29.572 ug/mlm
15) T n-Hexacosane (C26)	16.254	5804392	43.215 ug/ml
16) T n-Octacosane (C28)	17.202	5725187	43.112 ug/ml
17) T n-Tricontane (C30)	18.091	5440213	41.195 ug/ml
18) T n-Dotriacontane (C32)	18.922	5325410	39.931 ug/ml
19) T n-Tetratriacontane (C34)	19.705	5061750	38.253 ug/mlm
20) T n-Hexatriacontane (C36)	20.445	4486819	34.925 ug/mlm
21) T n-Octatriacontane (C38)	21.184	4049208	30.901 ug/ml
22) T n-Tetracontane (C40)	22.099	3542991	26.019 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB149512BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

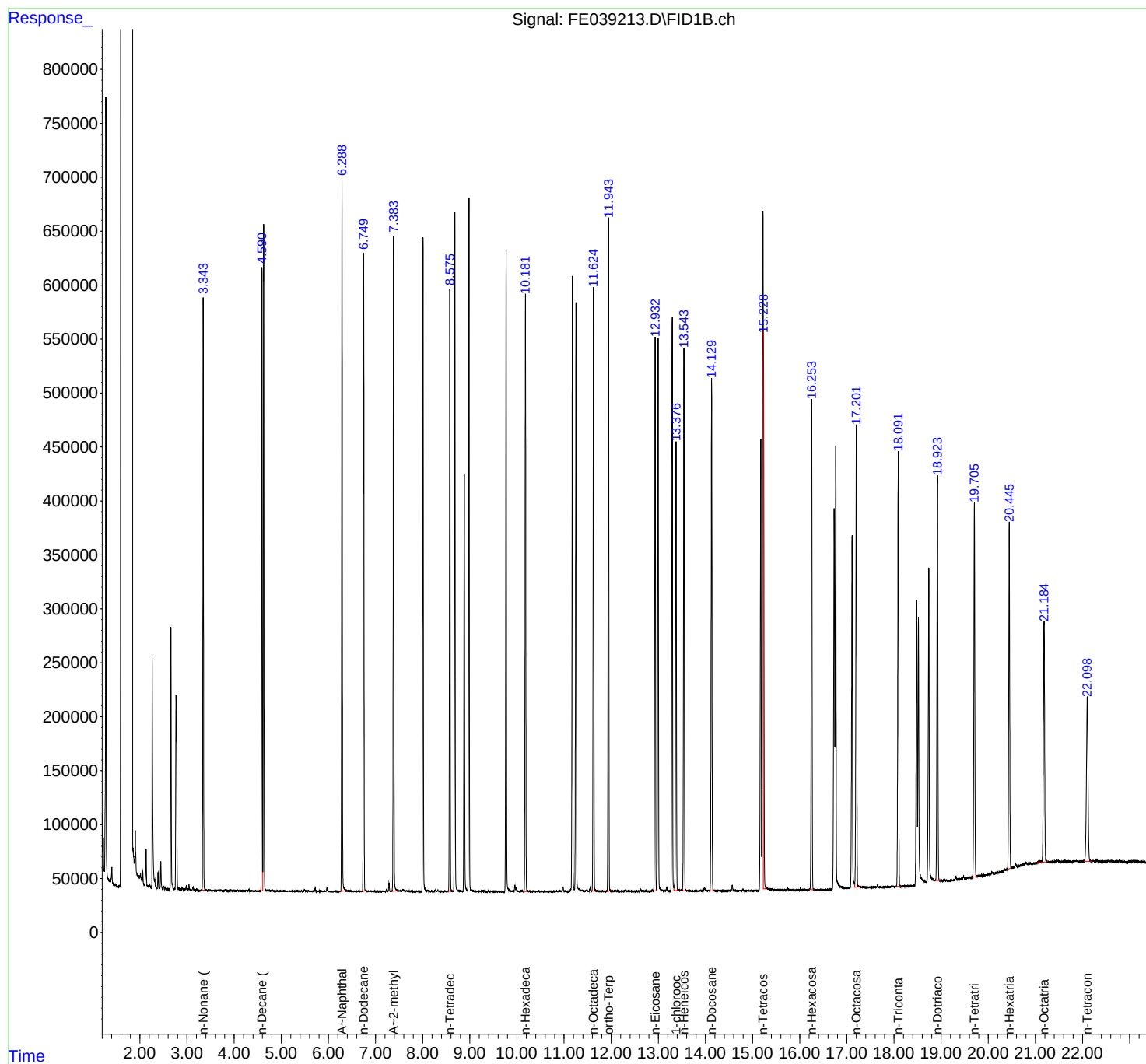
Instrument :
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PB149512BS

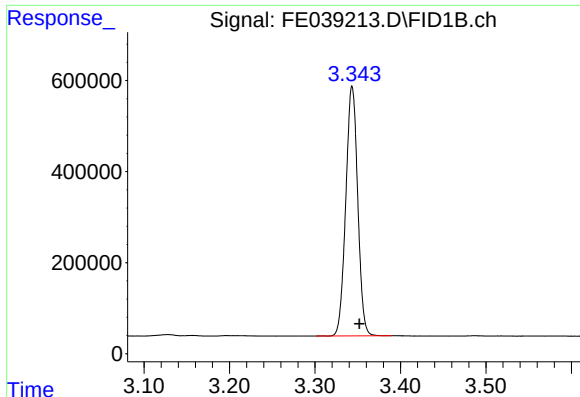
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.344 min
Delta R.T.: -0.008 min
Response: 5317277
Conc: 37.51 ug/ml

Instrument :

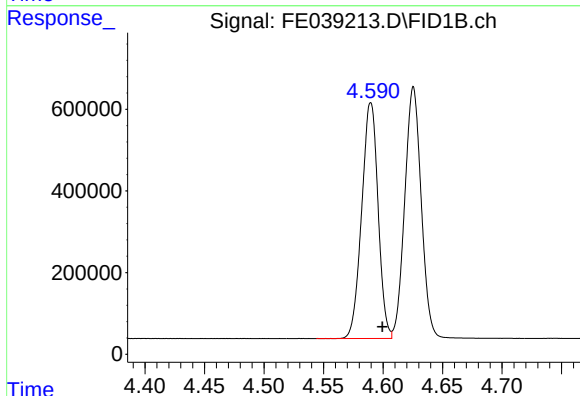
FID_E

ClientSampleId :

PB149512BS

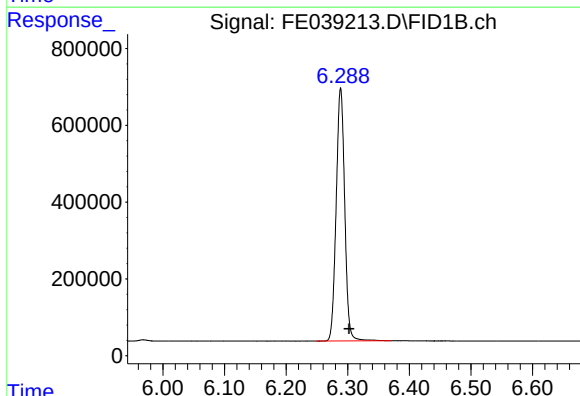
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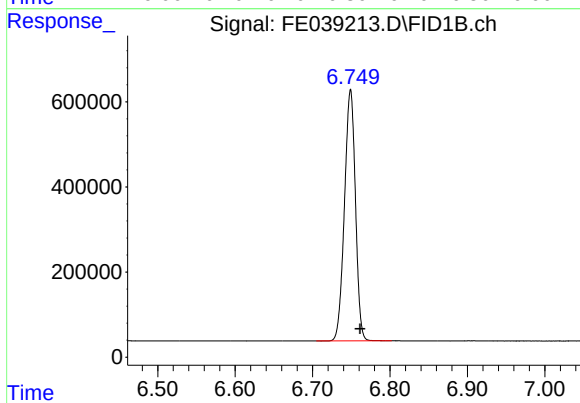
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: -0.010 min
Response: 5533699
Conc: 39.70 ug/ml



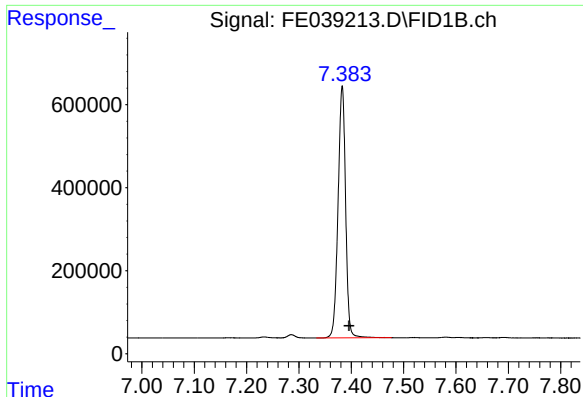
#3 A~Naphthalene (C11.7)

R.T.: 6.289 min
Delta R.T.: -0.014 min
Response: 6349845
Conc: 39.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.749 min
Delta R.T.: -0.012 min
Response: 5811000
Conc: 41.22 ug/ml



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

R.T.: 7.383 min
Delta R.T.: -0.013 min
Response: 6085604
Conc: 40.66 ug/ml

Instrument :

FID_E

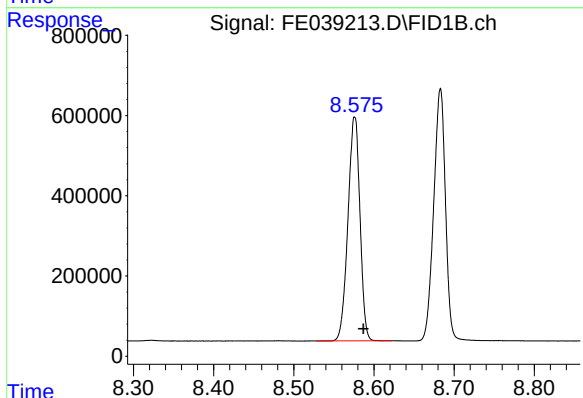
ClientSampleId :

PB149512BS

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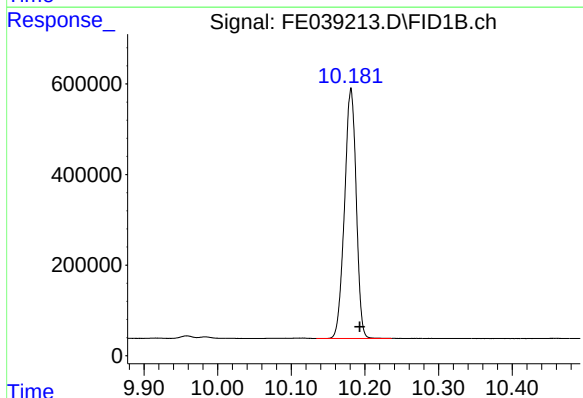
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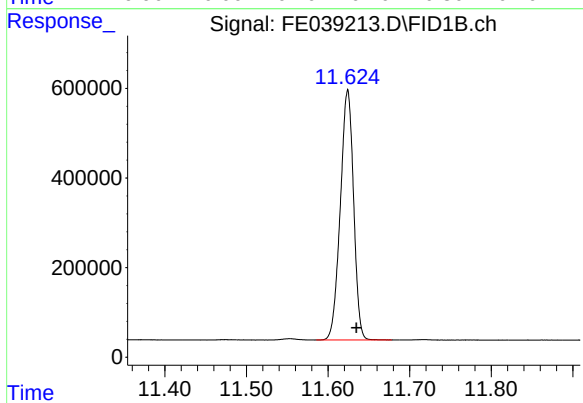
#6 n-Tetradecane (C14)

R.T.: 8.576 min
Delta R.T.: -0.011 min
Response: 5811860
Conc: 40.69 ug/ml



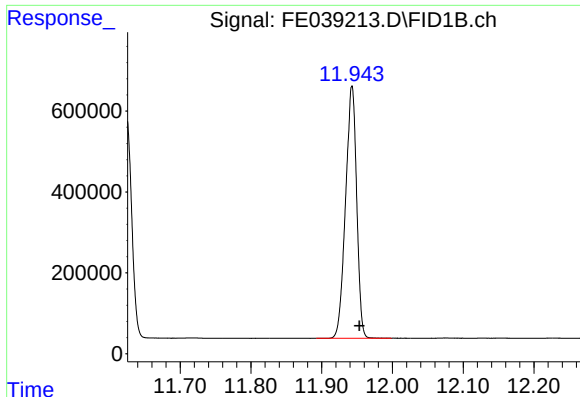
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: -0.012 min
Response: 6089918
Conc: 41.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.624 min
Delta R.T.: -0.011 min
Response: 6300887
Conc: 42.82 ug/ml



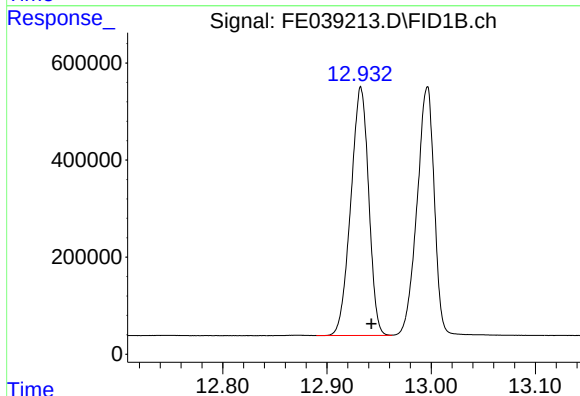
#9 ortho-Terphenyl (SURR)

R.T.: 11.943 min
Delta R.T.: -0.010 min
Response: 6800307
Conc: 43.47 ug/ml

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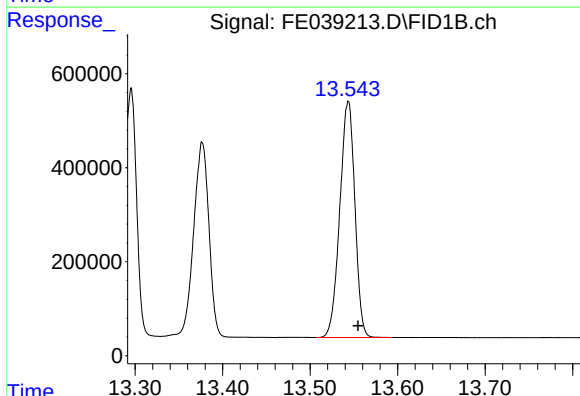
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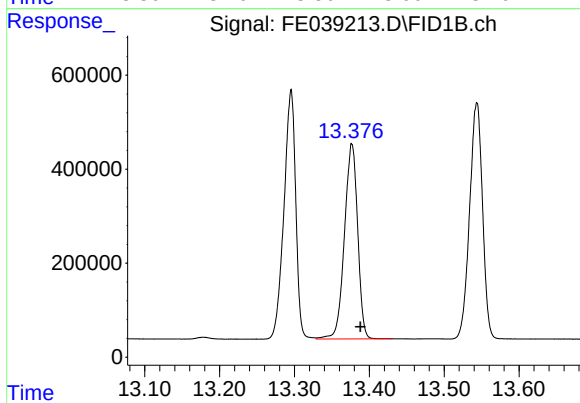
#10 n-Eicosane (C20)

R.T.: 12.933 min
Delta R.T.: -0.010 min
Response: 6109097
Conc: 43.03 ug/ml



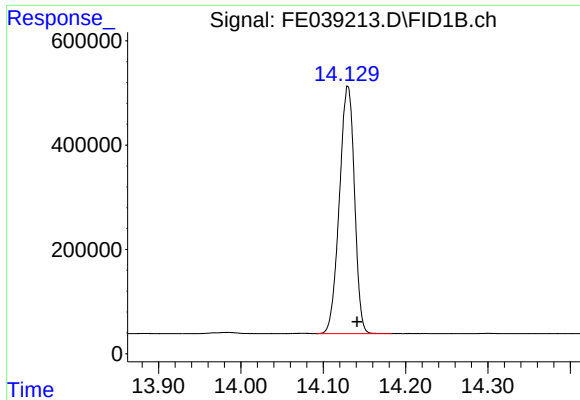
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: -0.012 min
Response: 6033328
Conc: 42.46 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.377 min
Delta R.T.: -0.011 min
Response: 5095398
Conc: 42.20 ug/ml



#13 n-Docosane (C22)

R.T.: 14.130 min
Delta R.T.: -0.011 min
Response: 6038689
Conc: 43.20 ug/ml

Instrument :

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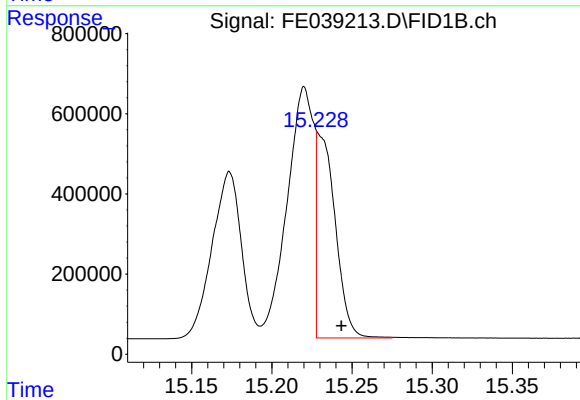
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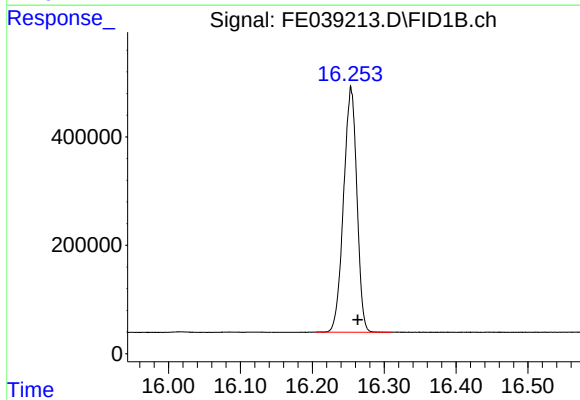
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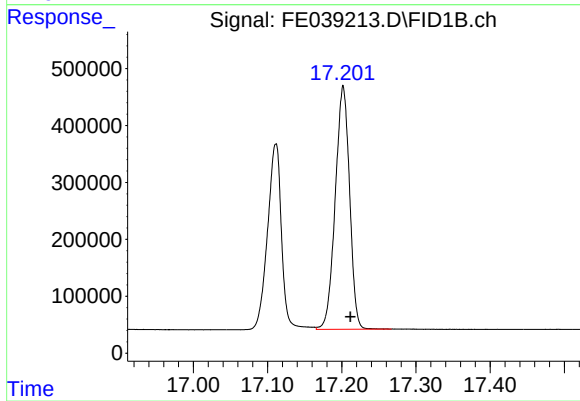
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.016 min
Response: 4083980
Conc: 29.57 ug/ml m



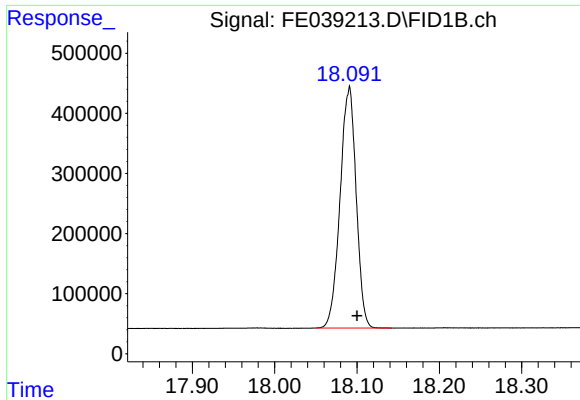
#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: -0.009 min
Response: 5804392
Conc: 43.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.202 min
Delta R.T.: -0.010 min
Response: 5725187
Conc: 43.11 ug/ml



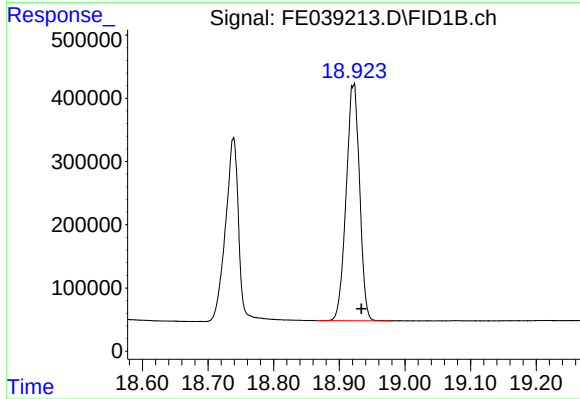
#17 n-Tricontane (C30)

R.T.: 18.091 min
Delta R.T.: -0.009 min
Response: 5440213
Conc: 41.19 ug/ml

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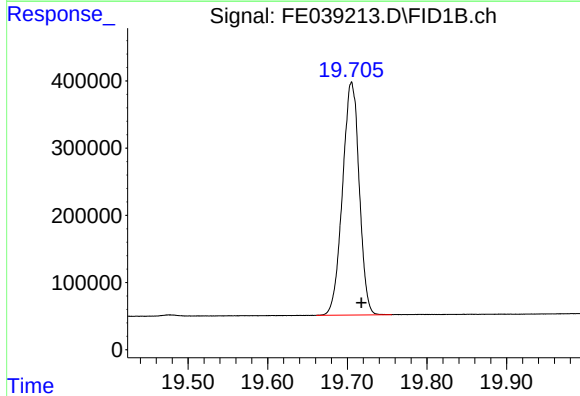
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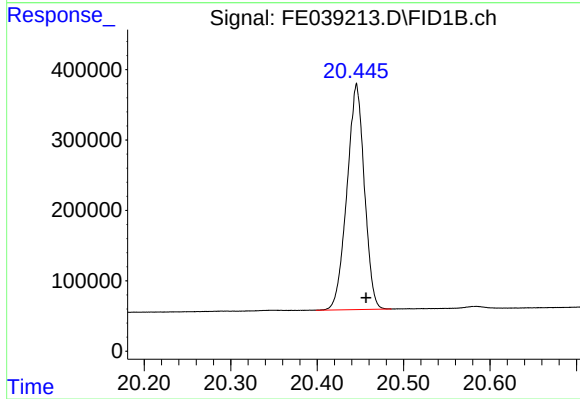
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.012 min
Response: 5325410
Conc: 39.93 ug/ml



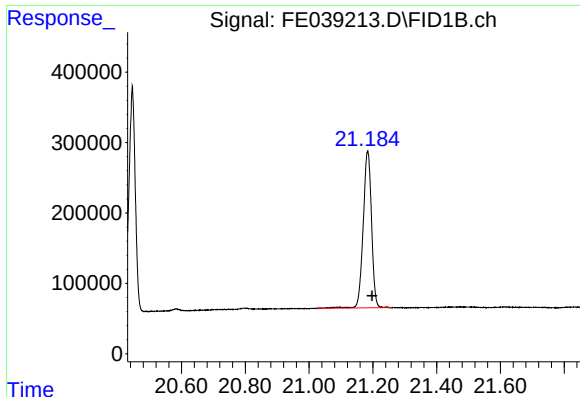
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: -0.013 min
Response: 5061750
Conc: 38.25 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: -0.011 min
Response: 4486819
Conc: 34.92 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: -0.014 min
Response: 4049208
Conc: 30.90 ug/ml

Instrument :

FID_E

ClientSampleId :

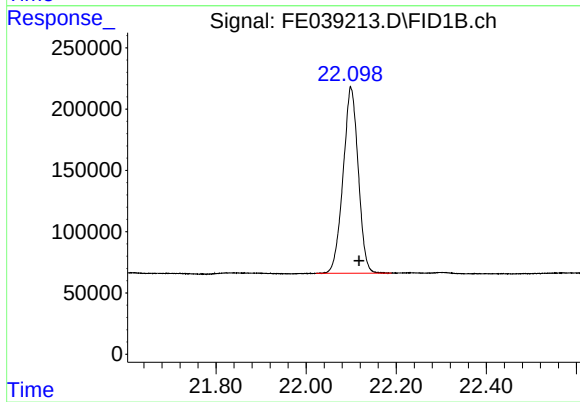
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#22 n-Tetracontane (C40)

R.T.: 22.099 min
Delta R.T.: -0.018 min
Response: 3542991
Conc: 26.02 ug/ml