

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071224AL\
 Data File : FE049099.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jul 2024 14:59
 Operator : YP\AJ
 Sample : PB162030BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB162030BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/15/2024
 Supervised By :Ankita Jodhani 07/15/2024

Integration File: sample.E
 Quant Time: Jul 13 00:24:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 2024
 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)	11.920	6356056	38.012 ug/ml
Spiked Amount 50.000		Recovery =	76.02%
12) S 1-chlorooctadecane (S...	13.354	5425152	42.190 ug/ml
Spiked Amount 50.000		Recovery =	84.38%
Target Compounds			
1) T n-Nonane (C9)	3.314	4849251	32.255 ug/ml
2) T n-Decane (C10)	4.561	5098853	33.133 ug/ml
3) T A~Naphthalene (C11.7)	6.263	5690403	35.844 ug/ml
4) T n-Dodecane (C12)	6.723	5063911	32.803 ug/ml
5) T A~2-methylnaphthalene...	7.359	5693207	37.595 ug/ml
6) T n-Tetradecane (C14)	8.552	5417397	35.347 ug/ml
7) T n-Hexadecane (C16)	10.157	5668893	36.256 ug/ml
8) T n-Octadecane (C18)	11.601	5707957	35.790 ug/ml
10) T n-Eicosane (C20)	12.909	5704609	36.796 ug/ml
11) T n-Heneicosane (C21)	13.520	5503005	36.141 ug/ml
13) T n-Docosane (C22)	14.106	5461002	36.110 ug/ml
14) T n-Tetracosane (C24)	15.202	10237465	68.123 ug/ml
15) T n-Hexacosane (C26)	16.229	5398169	36.565 ug/ml
16) T n-Octacosane (C28)	17.177	5515210	38.243 ug/ml
17) T n-Tricontane (C30)	18.064	5432490	37.133 ug/ml
18) T n-Dotriacontane (C32)	18.896	5481349	38.337 ug/ml
19) T n-Tetratriacontane (C34)	19.678	5466628	39.507 ug/ml
20) T n-Hexatriacontane (C36)	20.418	5273433	40.575 ug/mlm
21) T n-Octatriacontane (C38)	21.151	5378201	41.953 ug/mlm
22) T n-Tetracontane (C40)	22.059	5155598	42.100 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1B.ch
Acq On : 12 Jul 2024 14:59
Operator : YP\AJ
Sample : PB162030BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

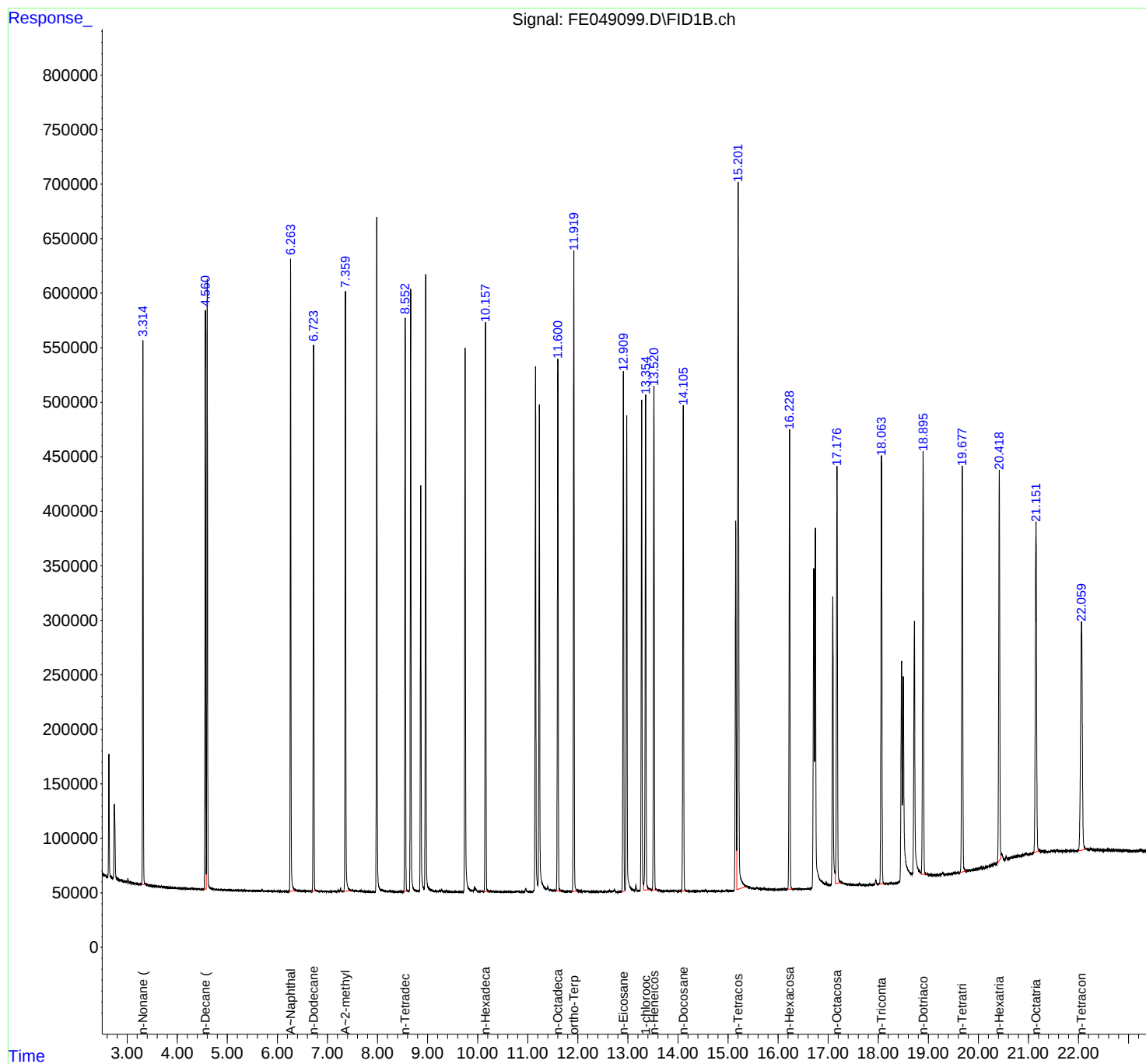
Instrument :
FID_E
ClientSampleId :
PB162030BSD

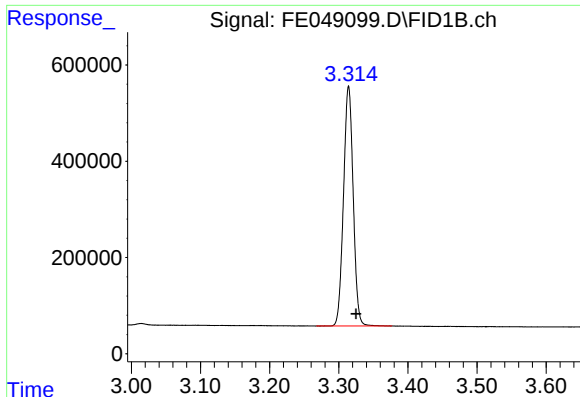
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: -0.011 min
Response: 4849251
Conc: 32.25 ug/ml

Instrument :

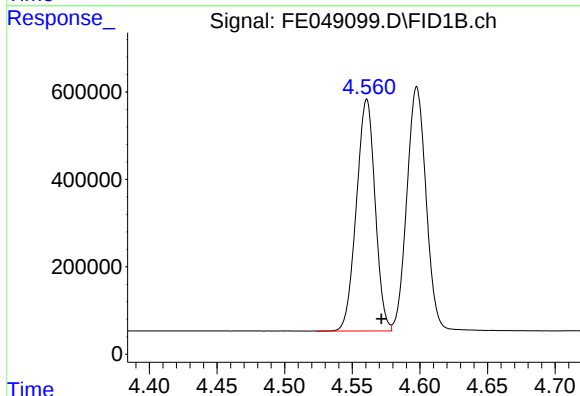
FID_E

ClientSampleId :

PB162030BSD

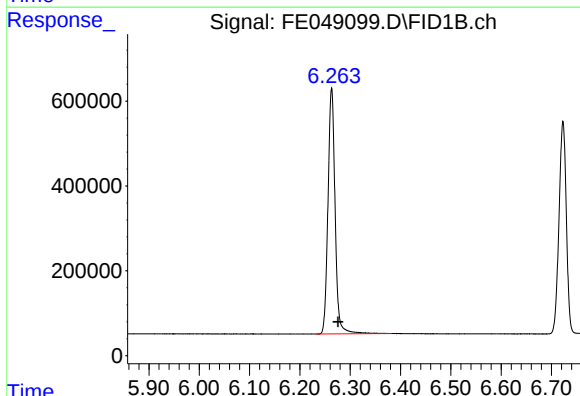
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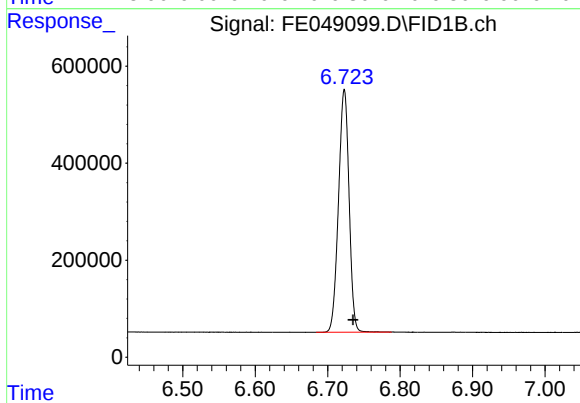
#2 n-Decane (C10)

R.T.: 4.561 min
Delta R.T.: -0.011 min
Response: 5098853
Conc: 33.13 ug/ml



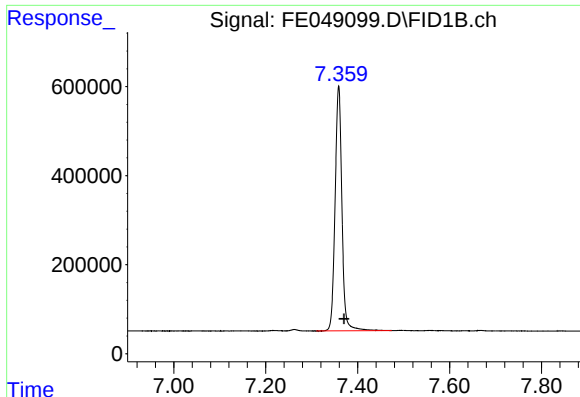
#3 A~Naphthalene (C11.7)

R.T.: 6.263 min
Delta R.T.: -0.013 min
Response: 5690403
Conc: 35.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.723 min
Delta R.T.: -0.012 min
Response: 5063911
Conc: 32.80 ug/ml



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

R.T.: 7.359 min
Delta R.T.: -0.012 min
Response: 5693207
Conc: 37.59 ug/ml

Instrument :

FID_E

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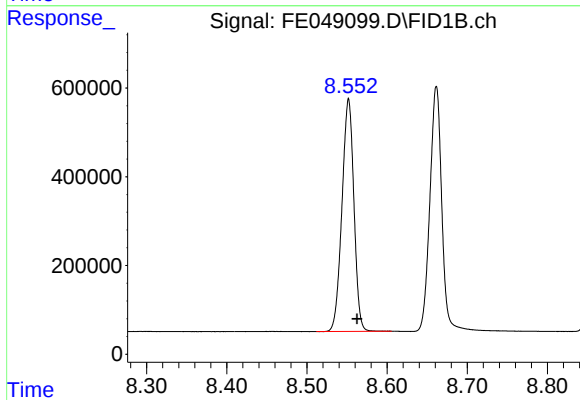
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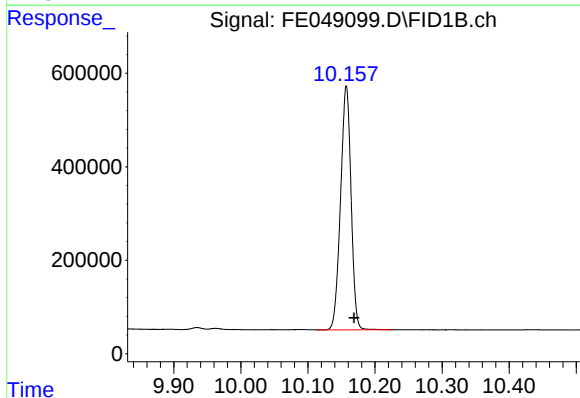
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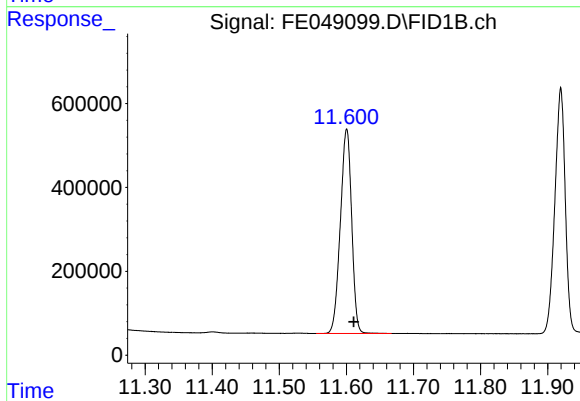
#6 n-Tetradecane (C14)

R.T.: 8.552 min
Delta R.T.: -0.010 min
Response: 5417397
Conc: 35.35 ug/ml



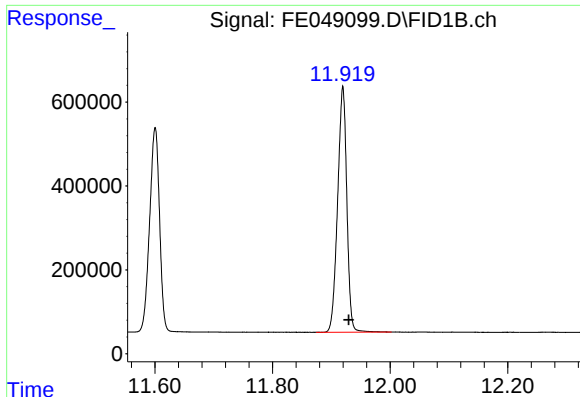
#7 n-Hexadecane (C16)

R.T.: 10.157 min
Delta R.T.: -0.011 min
Response: 5668893
Conc: 36.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.601 min
Delta R.T.: -0.010 min
Response: 5707957
Conc: 35.79 ug/ml



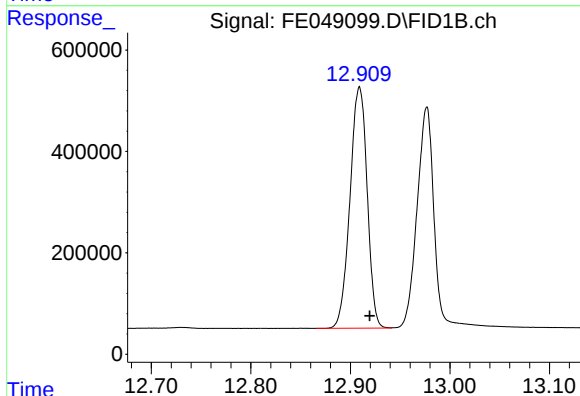
#9 ortho-Terphenyl (SURR)

R.T.: 11.920 min
Delta R.T.: -0.010 min
Response: 6356056
Conc: 38.01 ug/ml

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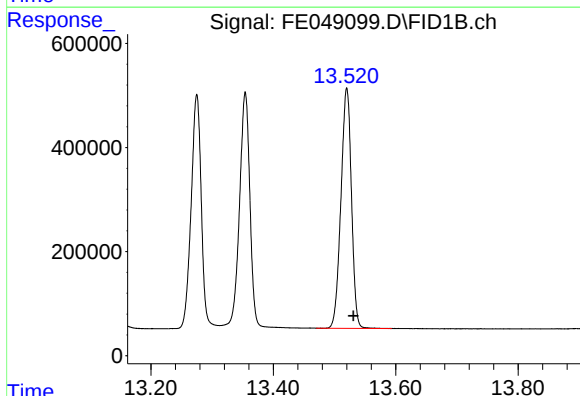
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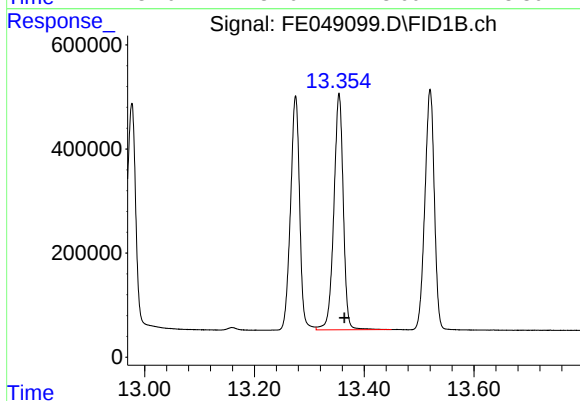
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: -0.010 min
Response: 5704609
Conc: 36.80 ug/ml



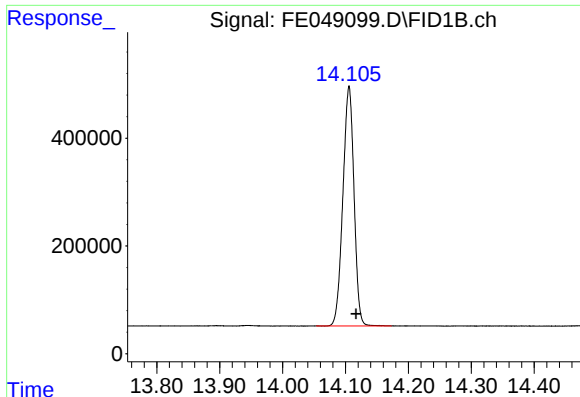
#11 n-Heneicosane (C21)

R.T.: 13.520 min
Delta R.T.: -0.011 min
Response: 5503005
Conc: 36.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.354 min
Delta R.T.: -0.009 min
Response: 5425152
Conc: 42.19 ug/ml



#13 n-Docosane (C22)

R.T.: 14.106 min
Delta R.T.: -0.011 min
Response: 5461002
Conc: 36.11 ug/ml

Instrument :

FID_E

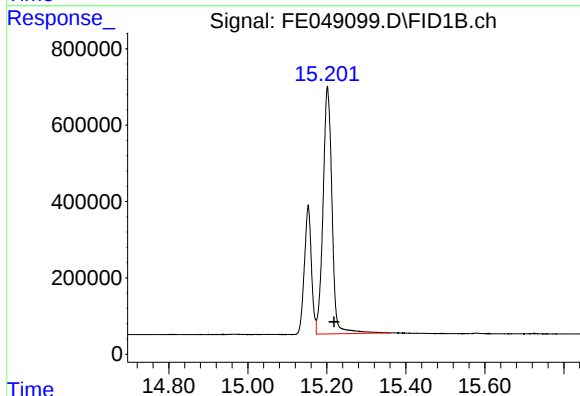
ClientSampleId :

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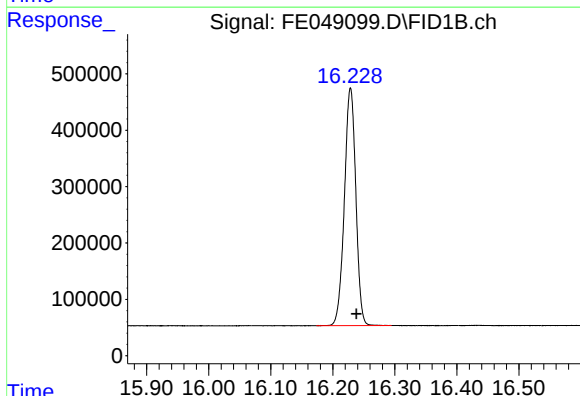
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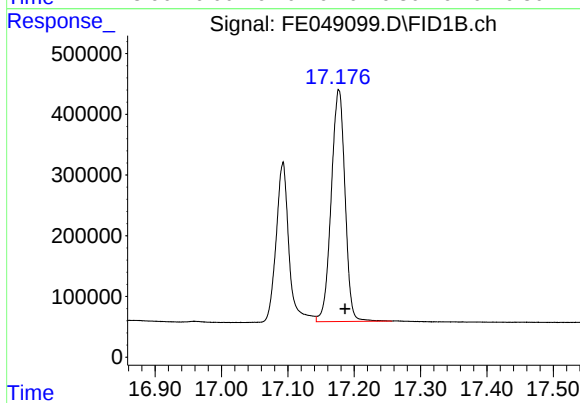
#14 n-Tetracosane (C24)

R.T.: 15.202 min
Delta R.T.: -0.017 min
Response: 10237465
Conc: 68.12 ug/ml



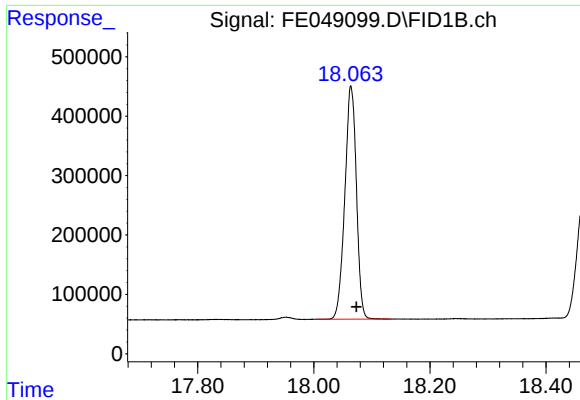
#15 n-Hexacosane (C26)

R.T.: 16.229 min
Delta R.T.: -0.010 min
Response: 5398169
Conc: 36.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.177 min
Delta R.T.: -0.009 min
Response: 5515210
Conc: 38.24 ug/ml



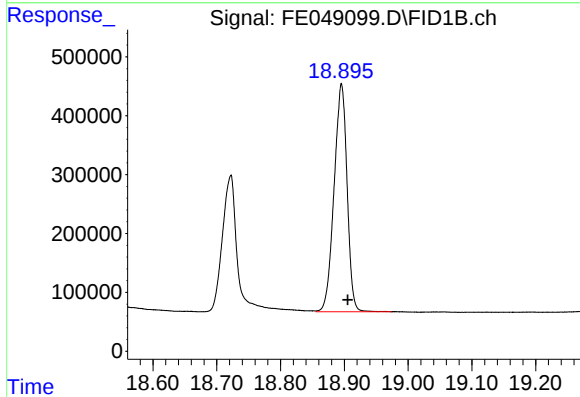
#17 n-Tricontane (C30)

R.T.: 18.064 min
Delta R.T.: -0.009 min
Response: 5432490
Conc: 37.13 ug/ml

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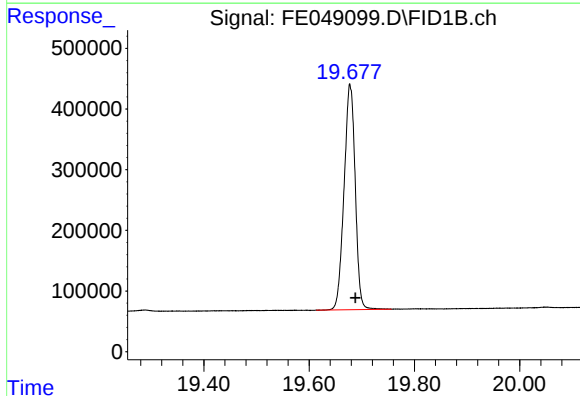
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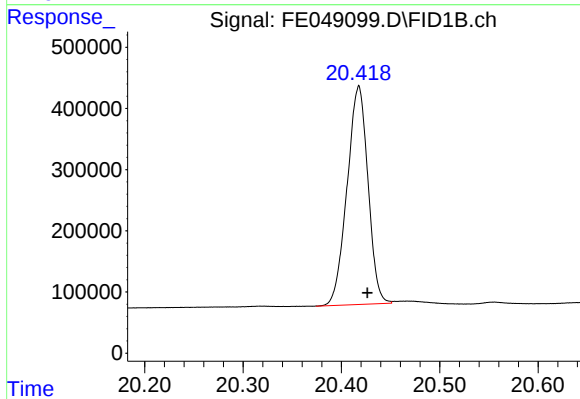
#18 n-Dotriacontane (C32)

R.T.: 18.896 min
Delta R.T.: -0.010 min
Response: 5481349
Conc: 38.34 ug/ml



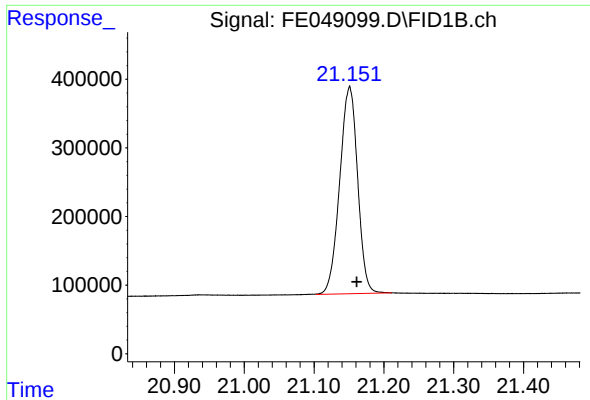
#19 n-Tetratriacontane (C34)

R.T.: 19.678 min
Delta R.T.: -0.010 min
Response: 5466628
Conc: 39.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.418 min
Delta R.T.: -0.009 min
Response: 5273433
Conc: 40.58 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.151 min
Delta R.T.: -0.010 min
Response: 5378201
Conc: 41.95 ug/ml

Instrument :

FID_E

ClientSampleId :

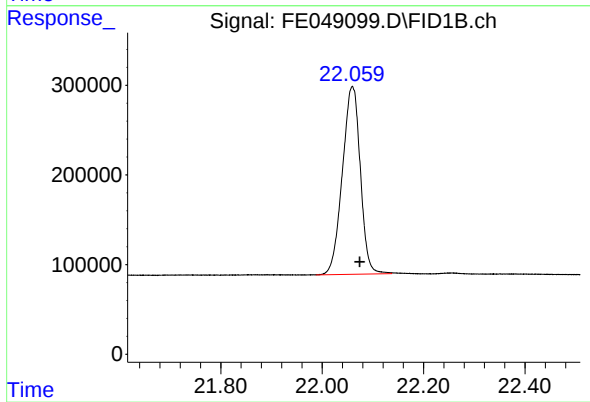
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#22 n-Tetracontane (C40)

R.T.: 22.059 min
Delta R.T.: -0.015 min
Response: 5155598
Conc: 42.10 ug/ml m