

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110922AL\
 Data File : FE038684.D
 Signal(s) : FID1B.ch
 Acq On : 09 Nov 2022 23:00
 Operator : YP\AJ
 Sample : PB148923BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB148923BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/10/2022
 Supervised By :Ankita Jodhani 11/10/2022

Integration File: autoint1.e
 Quant Time: Nov 10 04:57:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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)	11.964	5899301	34.284 ug/ml
Spiked Amount 50.000		Recovery =	68.57%
12) S 1-chlorooctadecane (S...	13.396	4705521	34.372 ug/ml
Spiked Amount 50.000		Recovery =	68.74%
Target Compounds			
1) T n-Nonane (C9)	3.380	5616871	36.470 ug/ml
2) T n-Decane (C10)	4.619	5741882	36.991 ug/ml
3) T A~Naphthalene (C11.7)	6.315	6163287	36.393 ug/ml
4) T n-Dodecane (C12)	6.773	5840828	37.389 ug/ml
5) T A~2-methylnaphthalene...	7.407	5878020	35.075 ug/ml
6) T n-Tetradecane (C14)	8.597	5671666	36.267 ug/ml
7) T n-Hexadecane (C16)	10.202	5775366	36.555 ug/ml
8) T n-Octadecane (C18)	11.644	5811128	36.279 ug/ml
10) T n-Eicosane (C20)	12.953	5560771	34.512 ug/ml
11) T n-Heneicosane (C21)	13.564	5471397	33.872 ug/ml
13) T n-Docosane (C22)	14.149	5473897	33.906 ug/ml
14) T n-Tetracosane (C24)	15.242	11040851	68.834 ug/ml
15) T n-Hexacosane (C26)	16.272	5412635	34.077 ug/ml
16) T n-Octacosane (C28)	17.219	5473885	34.890 ug/ml
17) T n-Tricontane (C30)	18.107	5344609	33.496 ug/mlm
18) T n-Dotriacontane (C32)	18.938	5371280	34.067 ug/ml
19) T n-Tetratriacontane (C34)	19.721	5087883	34.512 ug/mlm
20) T n-Hexatriacontane (C36)	20.461	4619977	32.334 ug/ml
21) T n-Octatriacontane (C38)	21.203	4490319	33.246 ug/ml
22) T n-Tetracontane (C40)	22.128	4395355	34.820 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 26 Sample Multiplier: 1

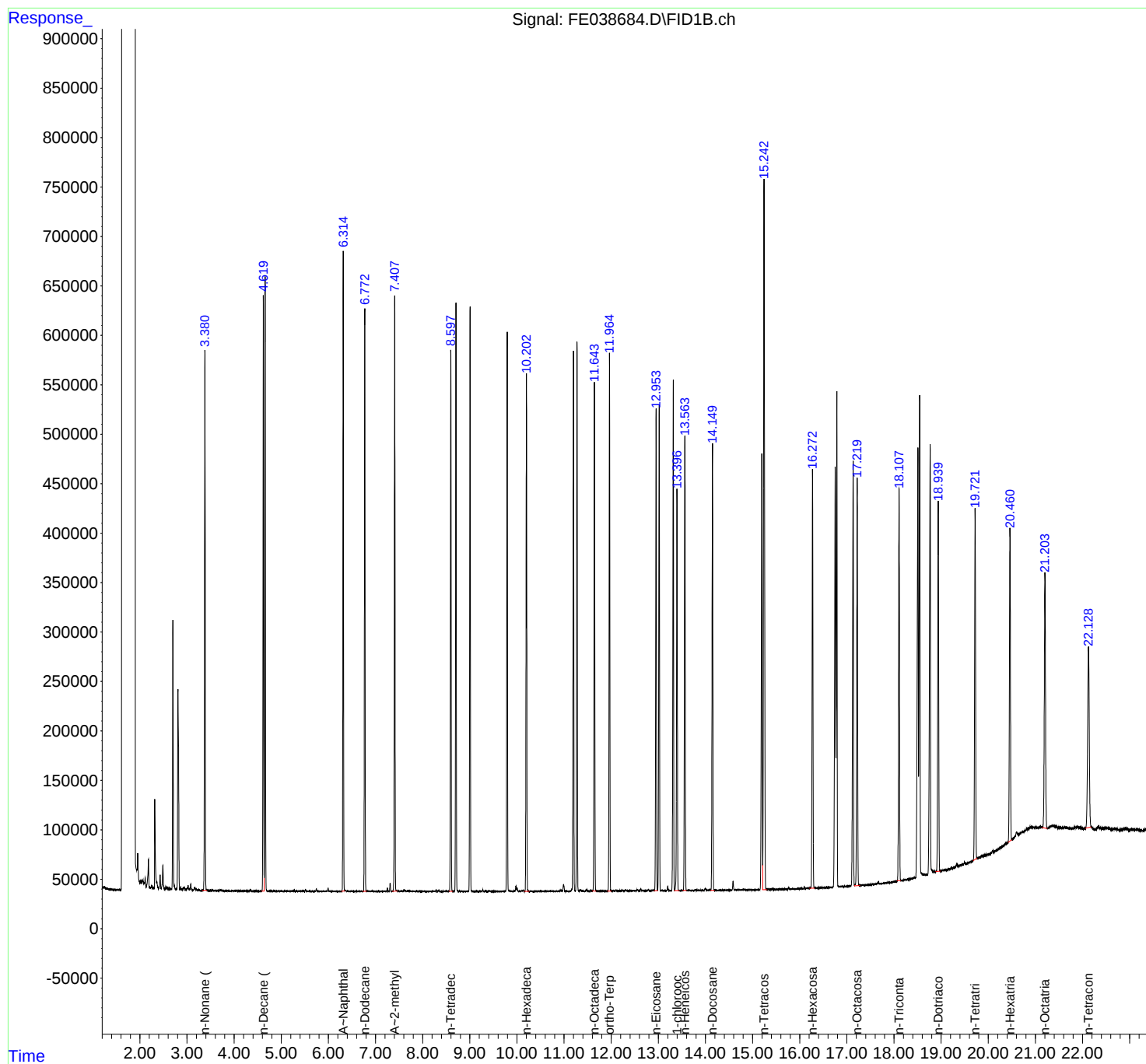
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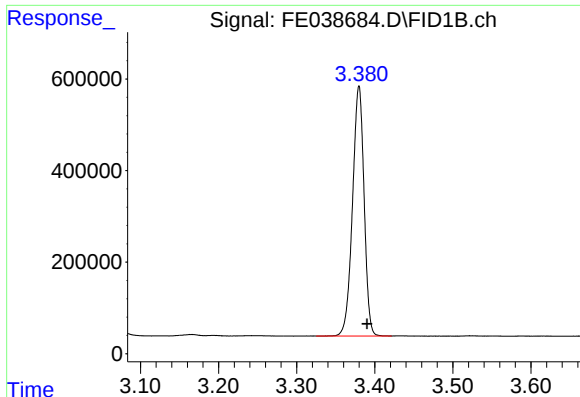
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#1 n-Nonane (C9)

R.T.: 3.380 min
Delta R.T.: -0.010 min
Response: 5616871
Conc: 36.47 ug/ml

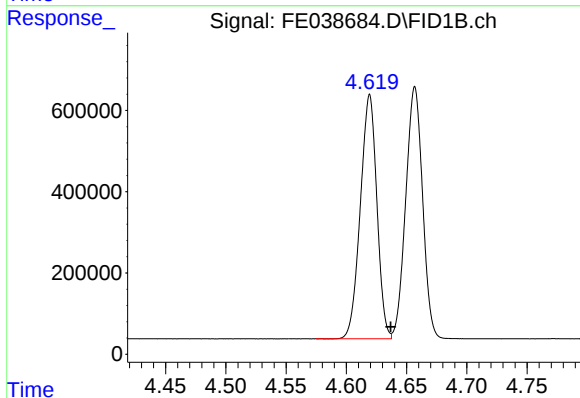
Instrument :

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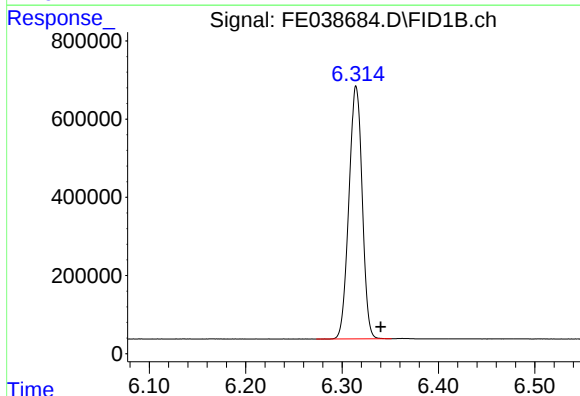
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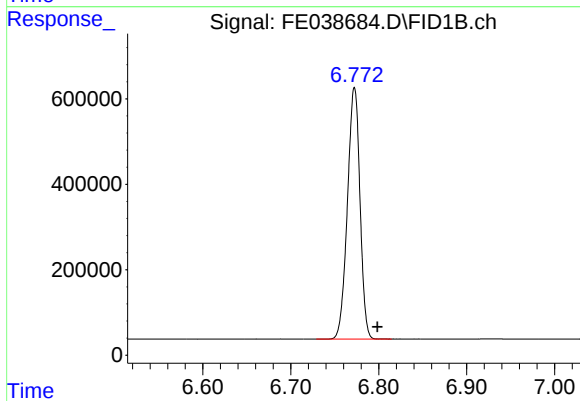
#2 n-Decane (C10)

R.T.: 4.619 min
Delta R.T.: -0.017 min
Response: 5741882
Conc: 36.99 ug/ml



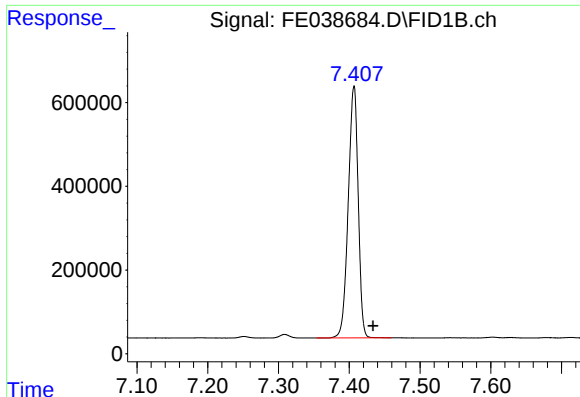
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min
Delta R.T.: -0.025 min
Response: 6163287
Conc: 36.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.773 min
Delta R.T.: -0.026 min
Response: 5840828
Conc: 37.39 ug/ml



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

R.T.: 7.407 min
Delta R.T.: -0.027 min
Response: 5878020
Conc: 35.07 ug/ml

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FID_E

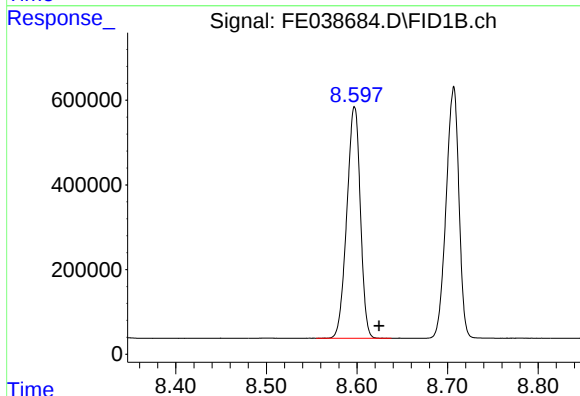
ClientSampleId :

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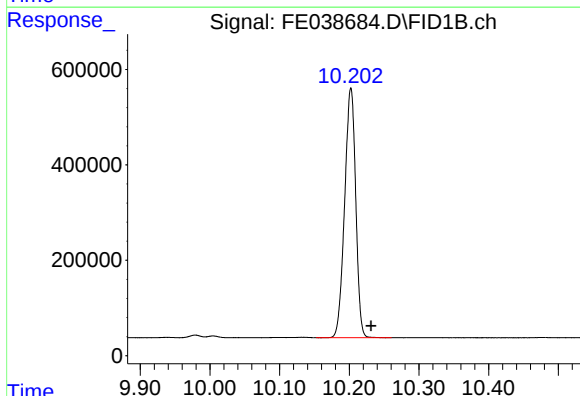
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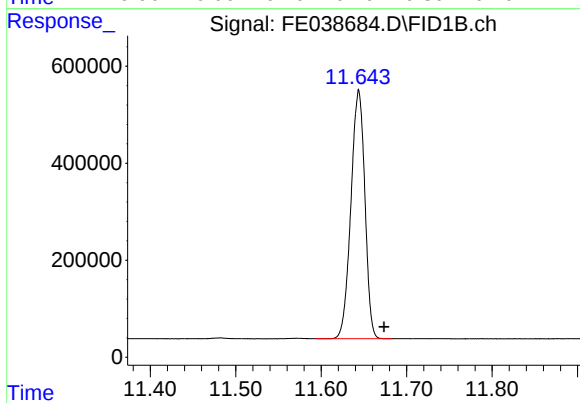
#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: -0.027 min
Response: 5671666
Conc: 36.27 ug/ml



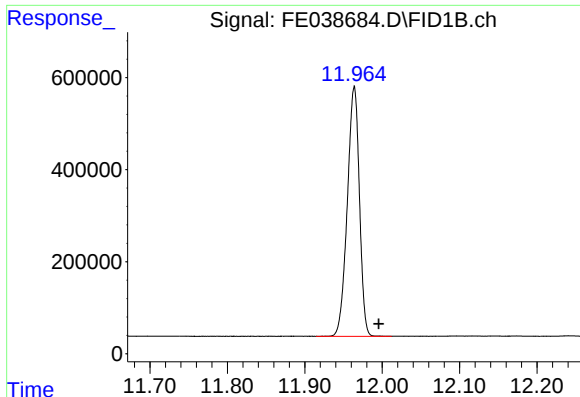
#7 n-Hexadecane (C16)

R.T.: 10.202 min
Delta R.T.: -0.029 min
Response: 5775366
Conc: 36.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.644 min
Delta R.T.: -0.029 min
Response: 5811128
Conc: 36.28 ug/ml



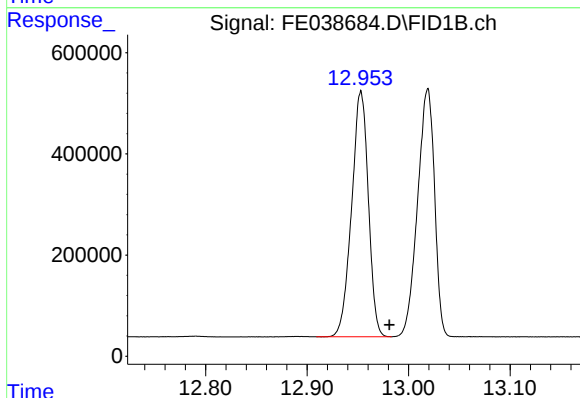
#9 ortho-Terphenyl (SURR)

R.T.: 11.964 min
Delta R.T.: -0.032 min
Response: 5899301
Conc: 34.28 ug/ml

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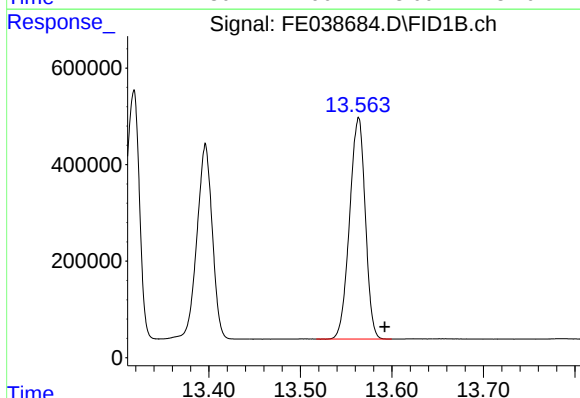
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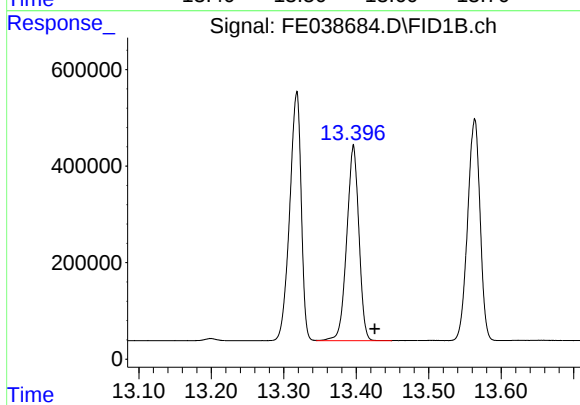
#10 n-Eicosane (C20)

R.T.: 12.953 min
Delta R.T.: -0.028 min
Response: 5560771
Conc: 34.51 ug/ml



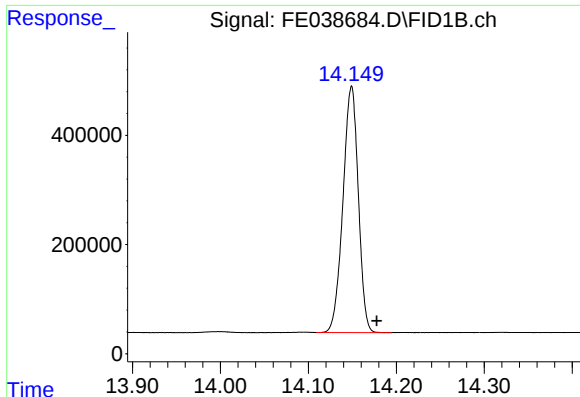
#11 n-Heneicosane (C21)

R.T.: 13.564 min
Delta R.T.: -0.028 min
Response: 5471397
Conc: 33.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.396 min
Delta R.T.: -0.030 min
Response: 4705521
Conc: 34.37 ug/ml



#13 n-Docosane (C22)

R.T.: 14.149 min
Delta R.T.: -0.028 min
Response: 5473897
Conc: 33.91 ug/ml

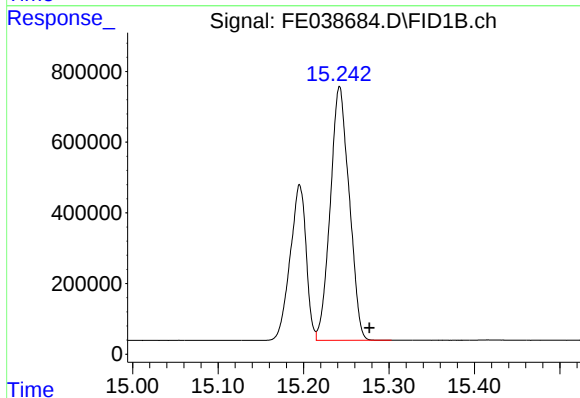
Instrument :

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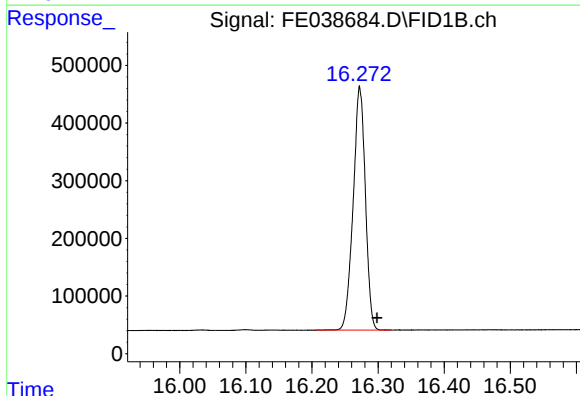
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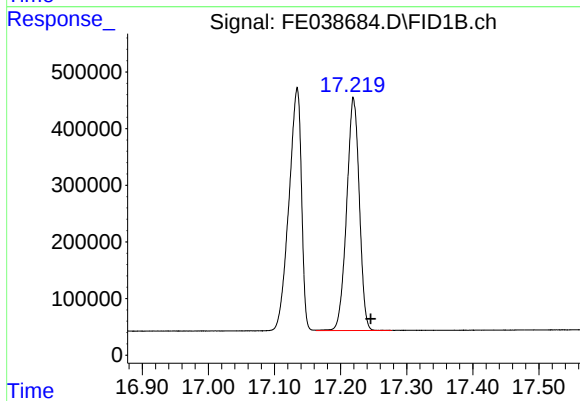
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: -0.035 min
Response: 11040851
Conc: 68.83 ug/ml



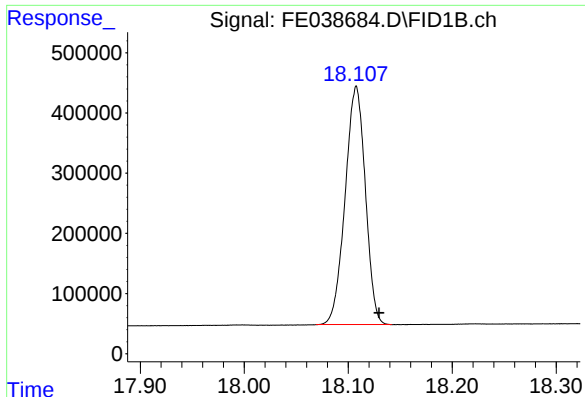
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: -0.026 min
Response: 5412635
Conc: 34.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.219 min
Delta R.T.: -0.026 min
Response: 5473885
Conc: 34.89 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.107 min
Delta R.T.: -0.022 min
Response: 5344609
Conc: 33.50 ug/ml

Instrument :

FID_E

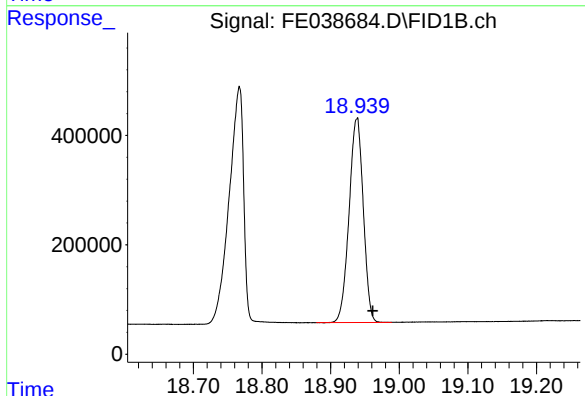
ClientSampleId :

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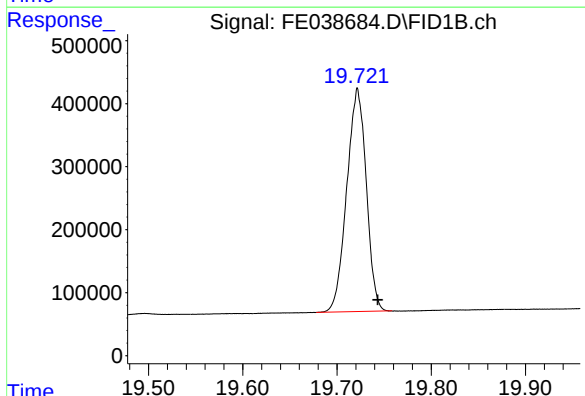
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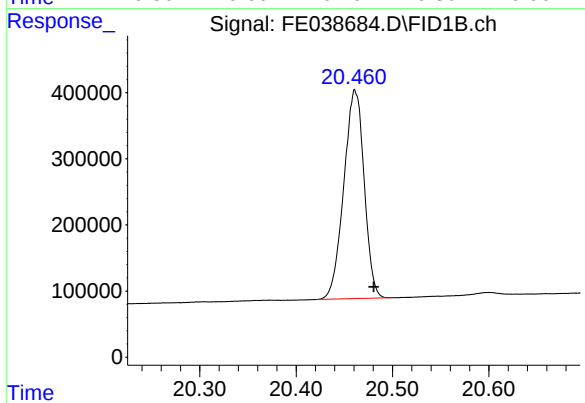
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: -0.023 min
Response: 5371280
Conc: 34.07 ug/ml



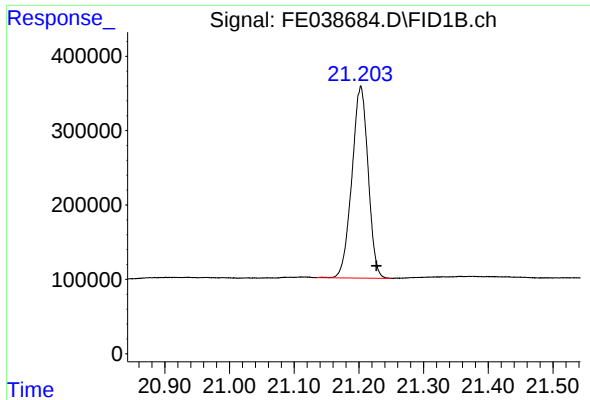
#19 n-Tetratriacontane (C34)

R.T.: 19.721 min
Delta R.T.: -0.022 min
Response: 5087883
Conc: 34.51 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.461 min
Delta R.T.: -0.020 min
Response: 4619977
Conc: 32.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: -0.024 min
Response: 4490319
Conc: 33.25 ug/ml

Instrument :

FID_E

ClientSampleId :

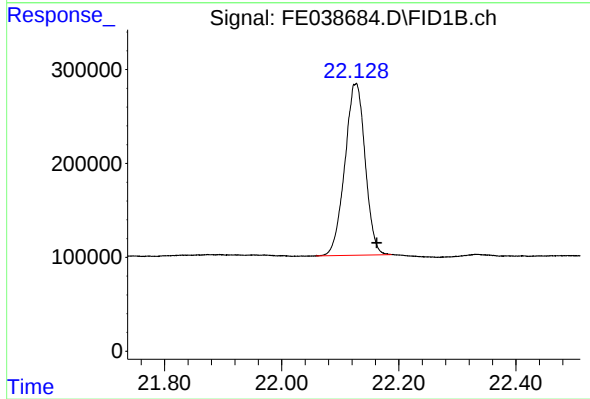
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#22 n-Tetracontane (C40)

R.T.: 22.128 min
Delta R.T.: -0.034 min
Response: 4395355
Conc: 34.82 ug/ml m