

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122022AL\
 Data File : FE039407.D
 Signal(s) : FID1B.ch
 Acq On : 20 Dec 2022 15:13
 Operator : YP\AJ
 Sample : PB149771BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149771BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2022
 Supervised By :Ankita Jodhani 12/21/2022

Integration File: autoint1.e
 Quant Time: Dec 20 15:55:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 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)	11.936	7405146	49.621 ug/ml
Spiked Amount 50.000		Recovery =	99.24%
12) S 1-chlorooctadecane (S...	13.371	5941311	51.619 ug/ml
Spiked Amount 50.000		Recovery =	103.24%
Target Compounds			
1) T n-Nonane (C9)	3.335	4952876	38.318 ug/ml
2) T n-Decane (C10)	4.581	5249815	41.201 ug/ml
3) T A~Naphthalene (C11.7)	6.281	5997493	41.489 ug/ml
4) T n-Dodecane (C12)	6.742	5784482	44.556 ug/ml
5) T A~2-methylnaphthalene...	7.376	6167581	45.540 ug/ml
6) T n-Tetradecane (C14)	8.570	6530253	49.281 ug/ml
7) T n-Hexadecane (C16)	10.175	7247998	52.685 ug/ml
8) T n-Octadecane (C18)	11.619	7701723	54.988 ug/ml
10) T n-Eicosane (C20)	12.927	7578512	55.518 ug/ml
11) T n-Heneicosane (C21)	13.539	7499718	54.987 ug/ml
13) T n-Docosane (C22)	14.124	7434121	54.956 ug/ml
14) T n-Tetracosane (C24)	15.225	4021919	29.961 ug/mlm
15) T n-Hexacosane (C26)	16.249	7060914	54.227 ug/ml
16) T n-Octacosane (C28)	17.197	6975964	54.202 ug/ml
17) T n-Tricontane (C30)	18.087	6666686	51.780 ug/ml
18) T n-Dotriacontane (C32)	18.917	6618905	51.111 ug/ml
19) T n-Tetratriacontane (C34)	19.703	6301664	49.949 ug/ml
20) T n-Hexatriacontane (C36)	20.441	5228833	43.243 ug/ml
21) T n-Octatriacontane (C38)	21.178	4428694	35.861 ug/ml
22) T n-Tetracontane (C40)	22.092	3927340	31.273 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB149771BS
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ALS Vial : 8 Sample Multiplier: 1

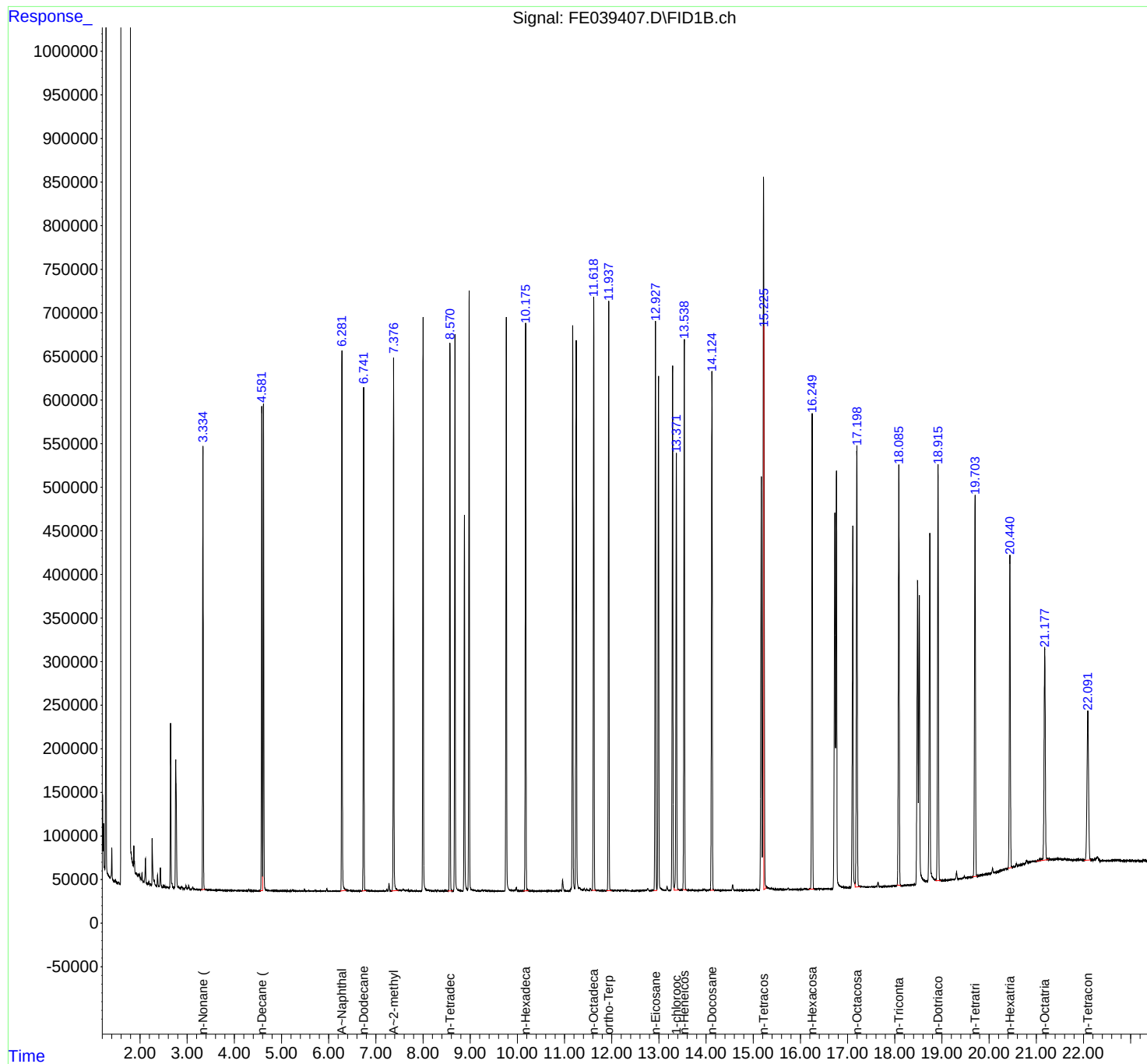
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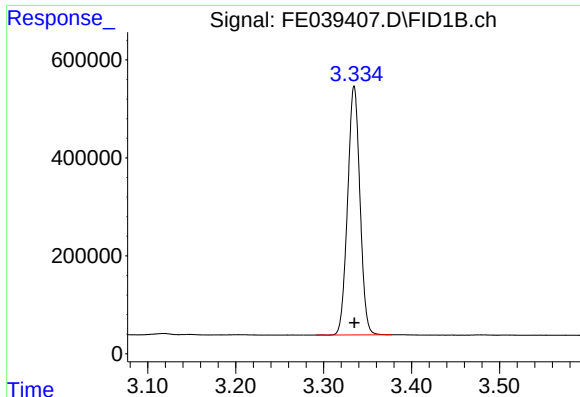
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#1 n-Nonane (C9)

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 4952876
Conc: 38.32 ug/ml

Instrument :

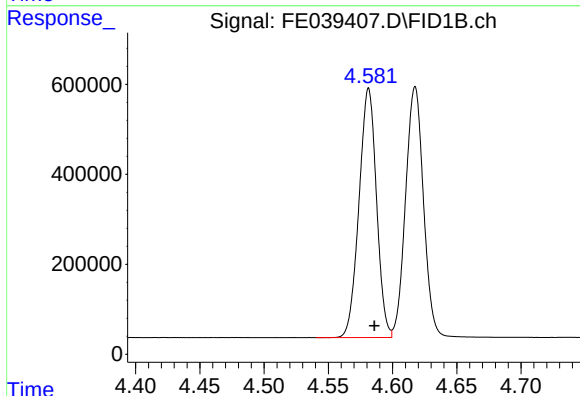
FID_E

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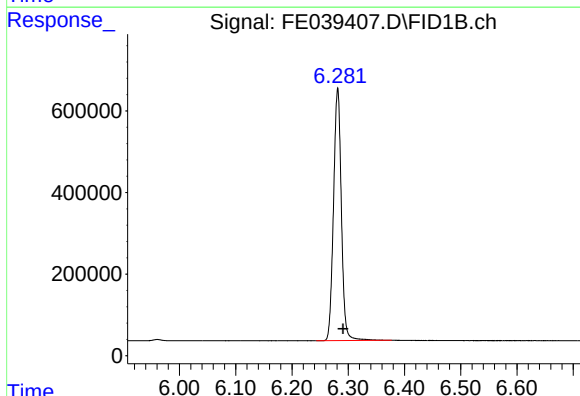
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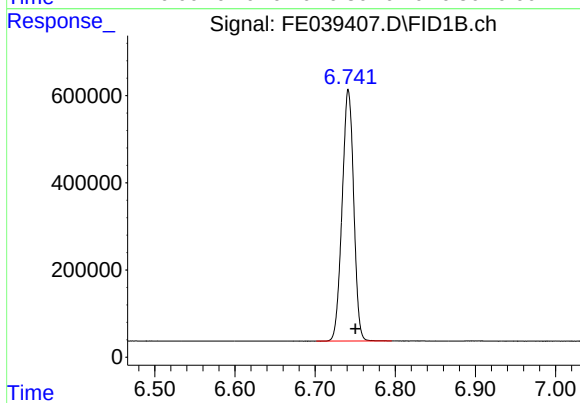
#2 n-Decane (C10)

R.T.: 4.581 min
Delta R.T.: -0.004 min
Response: 5249815
Conc: 41.20 ug/ml



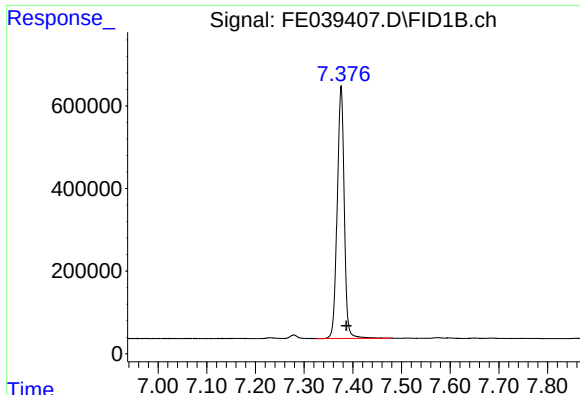
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: -0.010 min
Response: 5997493
Conc: 41.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.742 min
Delta R.T.: -0.009 min
Response: 5784482
Conc: 44.56 ug/ml



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

R.T.: 7.376 min
Delta R.T.: -0.011 min
Response: 6167581
Conc: 45.54 ug/ml

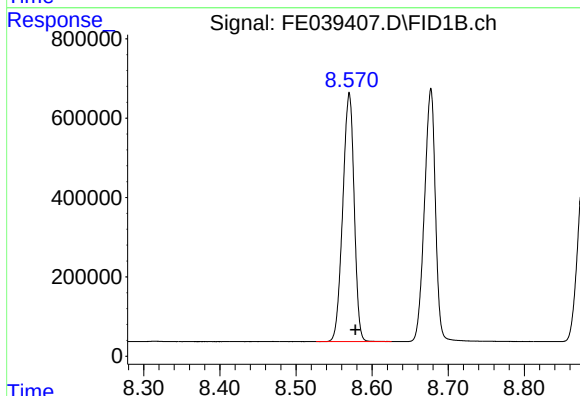
Instrument :

FID_E

ClientSampleId :
PB149771BS

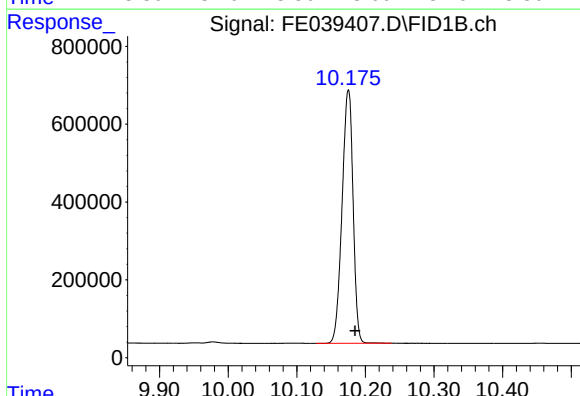
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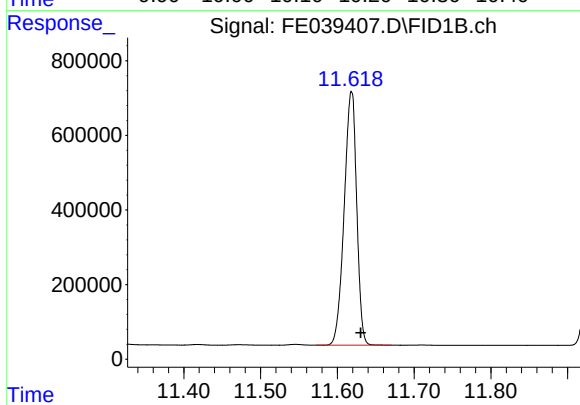
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: -0.008 min
Response: 6530253
Conc: 49.28 ug/ml



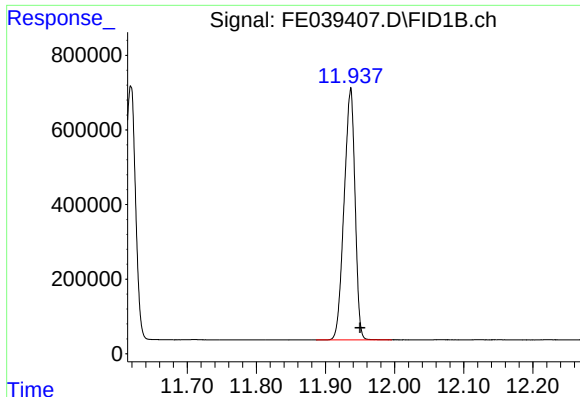
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: -0.010 min
Response: 7247998
Conc: 52.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.619 min
Delta R.T.: -0.012 min
Response: 7701723
Conc: 54.99 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.936 min
Delta R.T.: -0.013 min
Response: 7405146
Conc: 49.62 ug/ml

Instrument :

FID_E

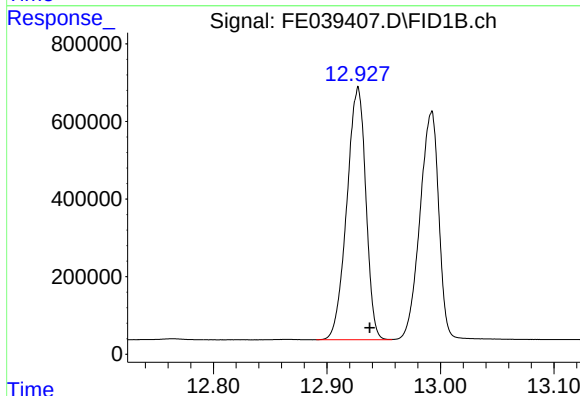
ClientSampleId :

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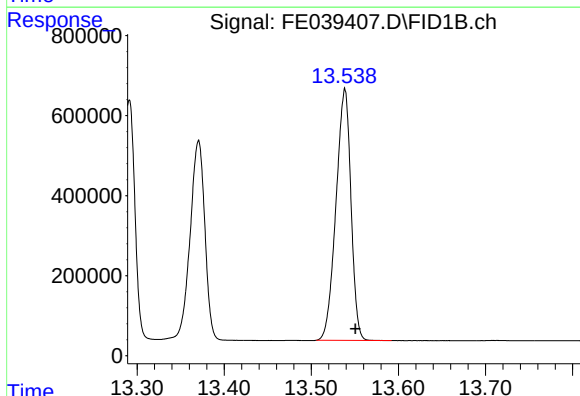
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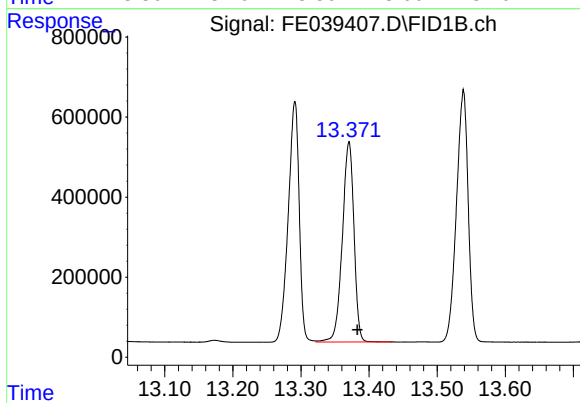
#10 n-Eicosane (C20)

R.T.: 12.927 min
Delta R.T.: -0.010 min
Response: 7578512
Conc: 55.52 ug/ml



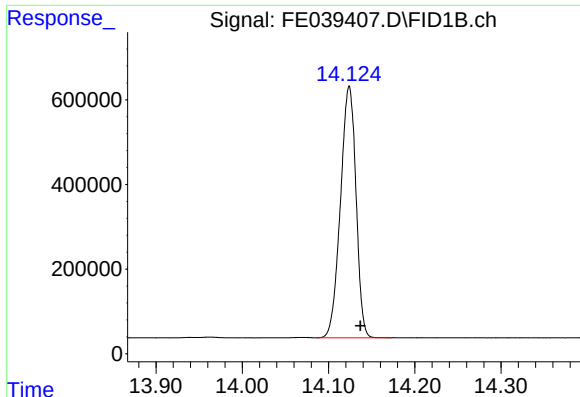
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: -0.012 min
Response: 7499718
Conc: 54.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.371 min
Delta R.T.: -0.012 min
Response: 5941311
Conc: 51.62 ug/ml



#13 n-Docosane (C22)

R.T.: 14.124 min
Delta R.T.: -0.013 min
Response: 7434121
Conc: 54.96 ug/ml

Instrument :

FID_E

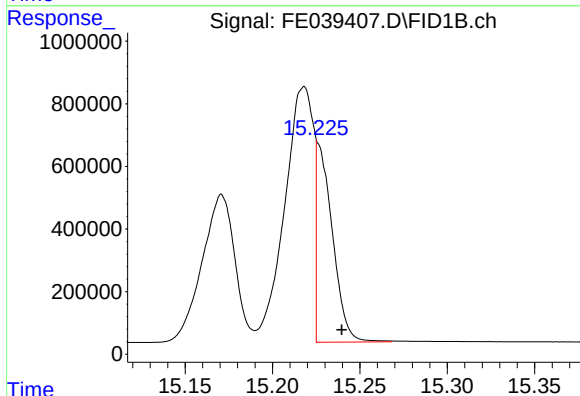
ClientSampleId :

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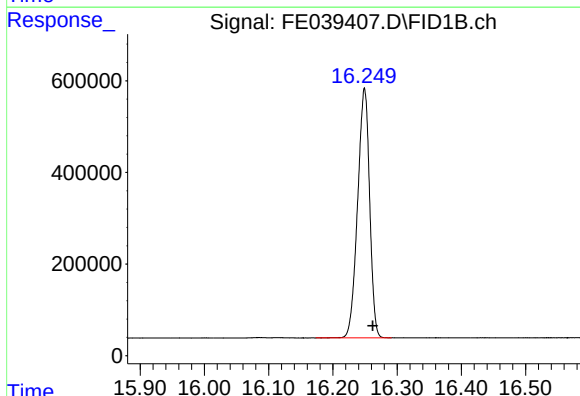
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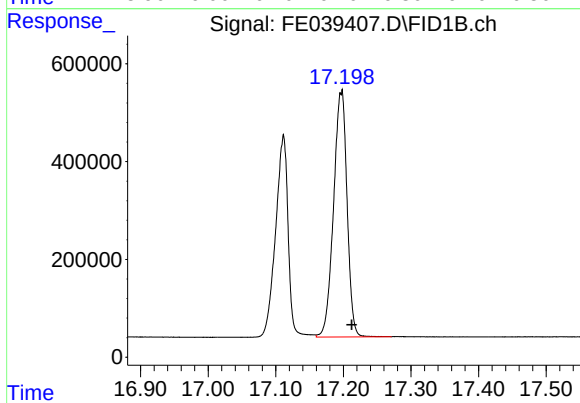
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: -0.015 min
Response: 4021919
Conc: 29.96 ug/ml m



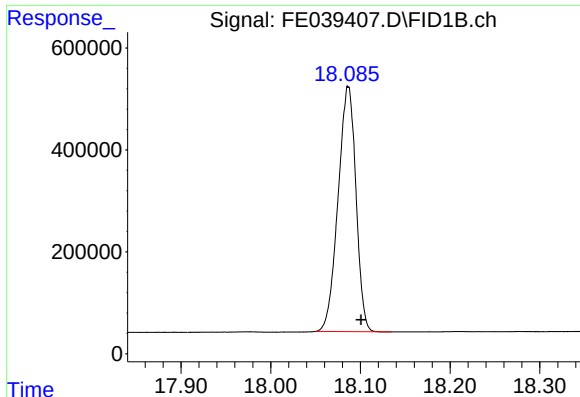
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.013 min
Response: 7060914
Conc: 54.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.197 min
Delta R.T.: -0.015 min
Response: 6975964
Conc: 54.20 ug/ml



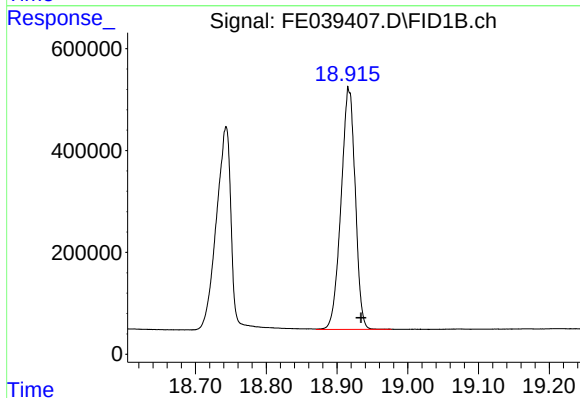
#17 n-Tricontane (C30)

R.T.: 18.087 min
Delta R.T.: -0.014 min
Response: 6666686
Conc: 51.78 ug/ml

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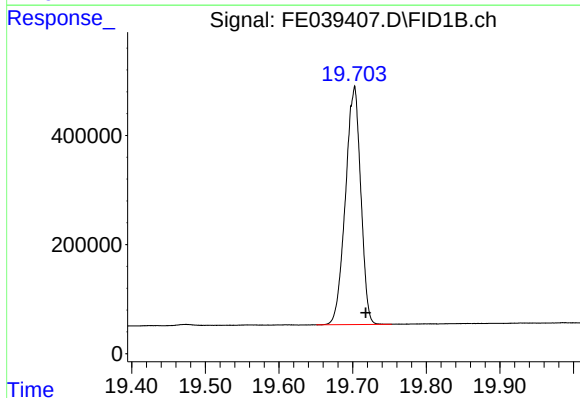
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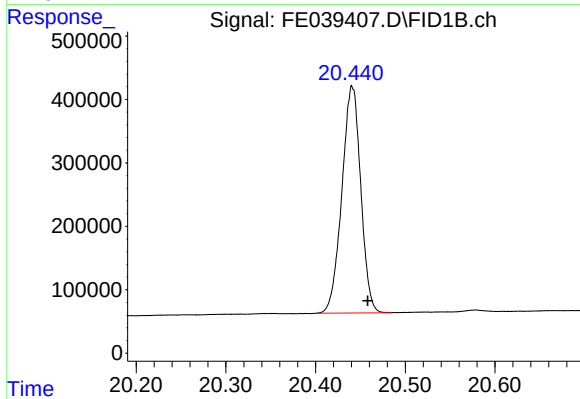
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: -0.017 min
Response: 6618905
Conc: 51.11 ug/ml



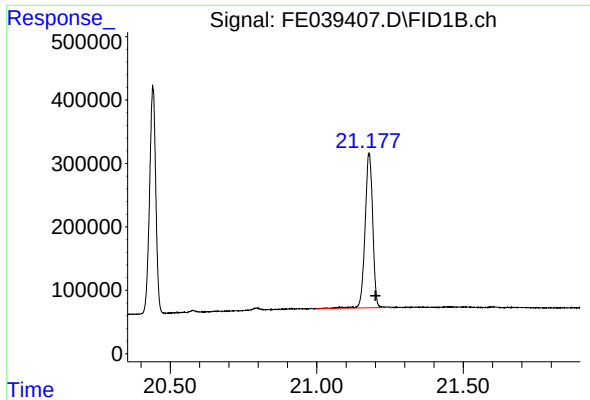
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: -0.015 min
Response: 6301664
Conc: 49.95 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.441 min
Delta R.T.: -0.017 min
Response: 5228833
Conc: 43.24 ug/ml



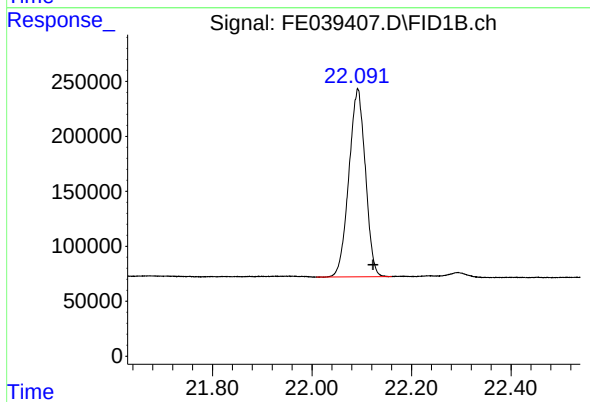
#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: -0.022 min
Response: 4428694
Conc: 35.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.092 min
Delta R.T.: -0.030 min
Response: 3927340
Conc: 31.27 ug/ml