

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010623AL\
 Data File : FE039672.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jan 2023 15:16
 Operator : YP\AJ
 Sample : PB150084BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB150084BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/09/2023
 Supervised By :Ankita Jodhani 01/09/2023

Integration File: autoint1.e
 Quant Time: Jan 09 02:38:50 2023
 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)	11.924	6017758	40.325 ug/ml
Spiked Amount 50.000		Recovery =	80.65%
12) S 1-chlorooctadecane (S...	13.359	4813954	41.824 ug/ml
Spiked Amount 50.000		Recovery =	83.65%
Target Compounds			
1) T n-Nonane (C9)	3.320	6086386	47.087 ug/ml
2) T n-Decane (C10)	4.569	6443272	50.567 ug/ml
3) T A~Naphthalene (C11.7)	6.269	4584038	31.711 ug/ml
4) T n-Dodecane (C12)	6.732	6996159	53.889 ug/ml
5) T A~2-methylnaphthalene...	7.363	4710227	34.779 ug/ml
6) T n-Tetradecane (C14)	8.559	7221660	54.498 ug/ml
7) T n-Hexadecane (C16)	10.165	7765388	56.445 ug/ml
8) T n-Octadecane (C18)	11.608	8226573	58.735 ug/ml
10) T n-Eicosane (C20)	12.917	8140924	59.638 ug/ml
11) T n-Heneicosane (C21)	13.528	8104626	59.422 ug/mlm
13) T n-Docosane (C22)	14.115	8176609	60.444 ug/ml
14) T n-Tetracosane (C24)	15.216	8126961	60.541 ug/mlm
15) T n-Hexacosane (C26)	16.239	8056096	61.870 ug/ml
16) T n-Octacosane (C28)	17.188	7922780	61.559 ug/ml
17) T n-Tricontane (C30)	18.075	7663945	59.526 ug/mlm
18) T n-Dotriacontane (C32)	18.906	7447347	57.508 ug/ml
19) T n-Tetratriacontane (C34)	19.691	6548634	51.906 ug/ml
20) T n-Hexatriacontane (C36)	20.427	5088380	42.082 ug/mlm
21) T n-Octatriacontane (C38)	21.163	4067201	32.933 ug/ml
22) T n-Tetracontane (C40)	22.070f	3415918	27.200 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB150084BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

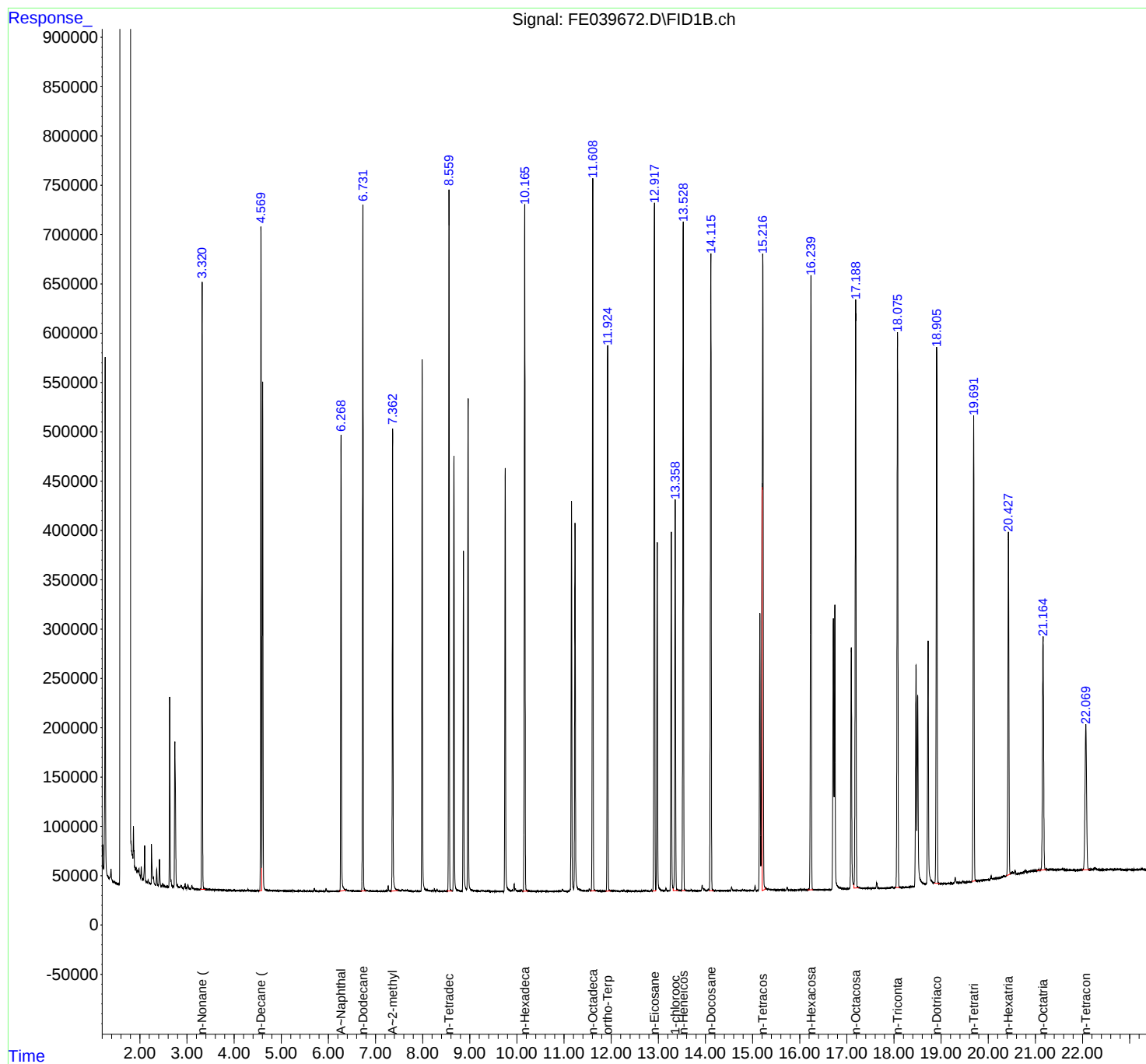
Instrument :
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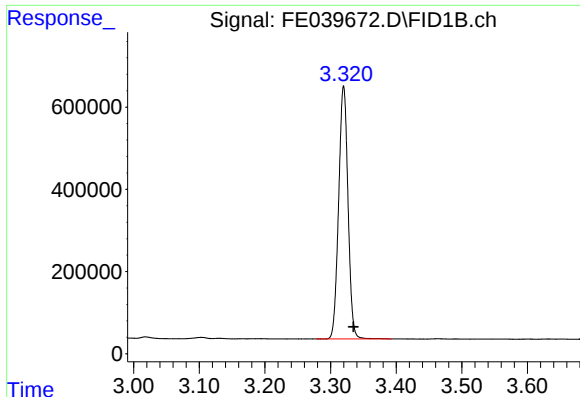
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: -0.015 min
Response: 6086386
Conc: 47.09 ug/ml

Instrument :

FID_E

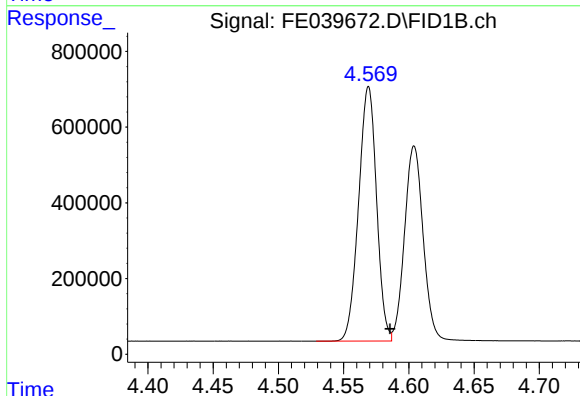
ClientSampleId :

PB150084BSD

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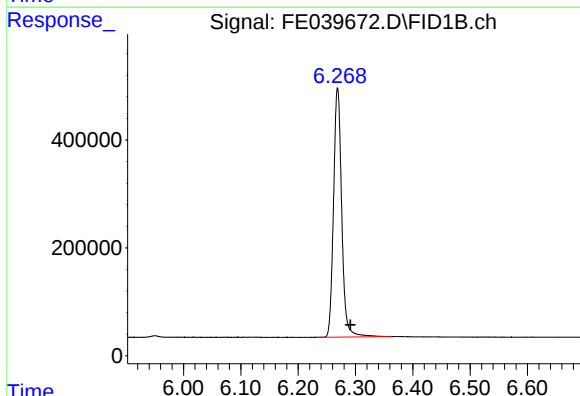
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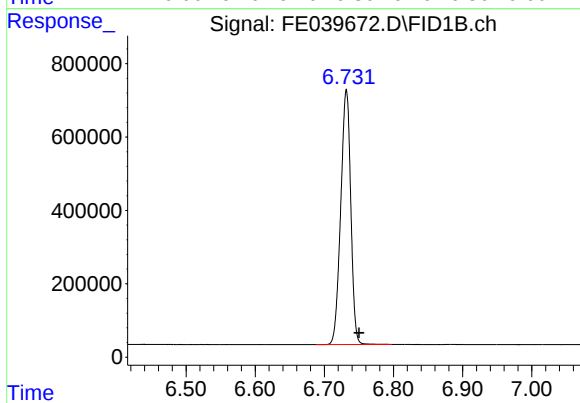
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: -0.017 min
Response: 6443272
Conc: 50.57 ug/ml



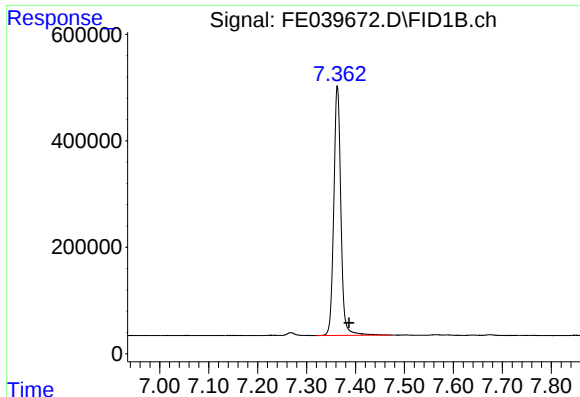
#3 A~Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: -0.022 min
Response: 4584038
Conc: 31.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.732 min
Delta R.T.: -0.019 min
Response: 6996159
Conc: 53.89 ug/ml



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

R.T.: 7.363 min
Delta R.T.: -0.024 min
Response: 4710227
Conc: 34.78 ug/ml

Instrument :

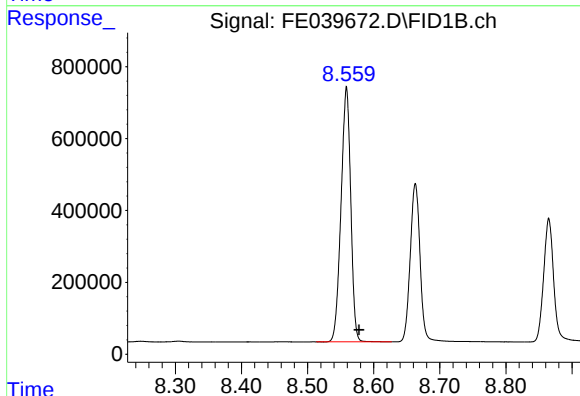
FID_E

ClientSampleId :

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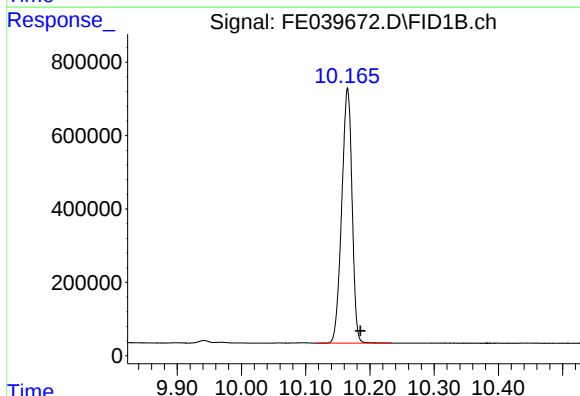
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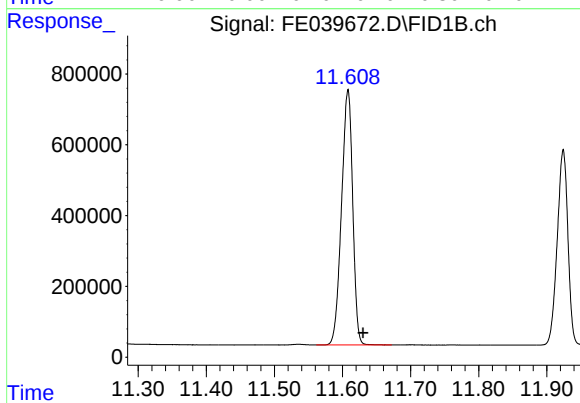
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: -0.019 min
Response: 7221660
Conc: 54.50 ug/ml



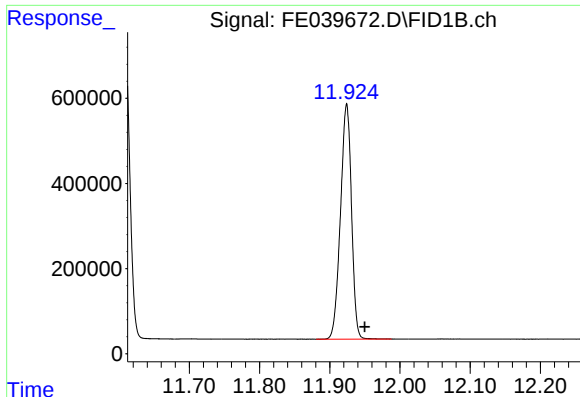
#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: -0.020 min
Response: 7765388
Conc: 56.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.608 min
Delta R.T.: -0.022 min
Response: 8226573
Conc: 58.74 ug/ml



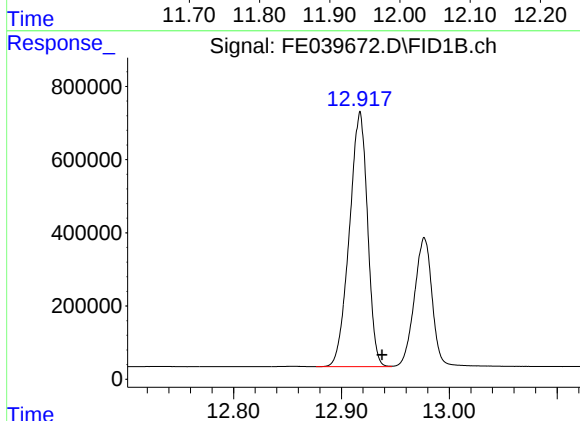
#9 ortho-Terphenyl (SURR)

R.T.: 11.924 min
Delta R.T.: -0.026 min
Response: 6017758
Conc: 40.32 ug/ml

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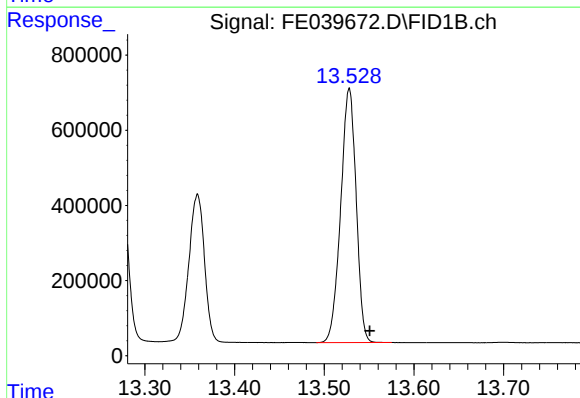
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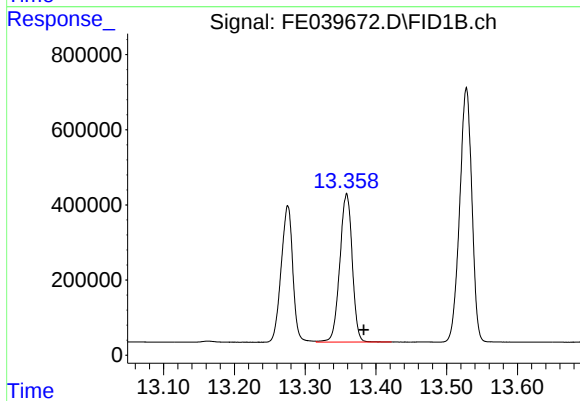
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: -0.020 min
Response: 8140924
Conc: 59.64 ug/ml



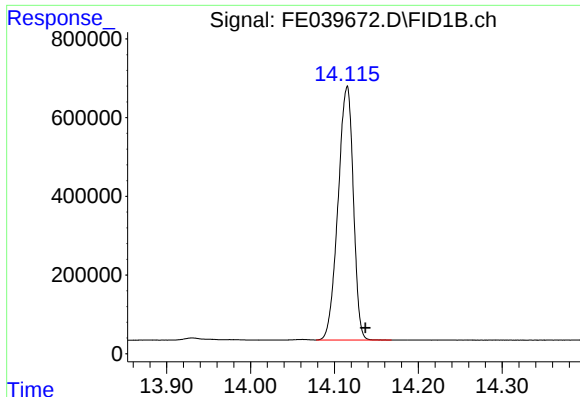
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: -0.023 min
Response: 8104626
Conc: 59.42 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.359 min
Delta R.T.: -0.024 min
Response: 4813954
Conc: 41.82 ug/ml



#13 n-Docosane (C22)

R.T.: 14.115 min
Delta R.T.: -0.022 min
Response: 8176609
Conc: 60.44 ug/ml

Instrument :

FID_E

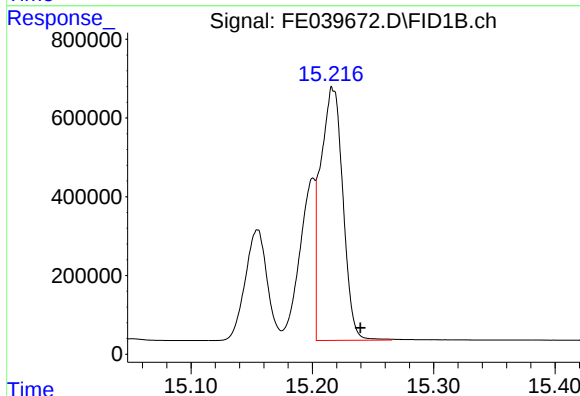
ClientSampleId :

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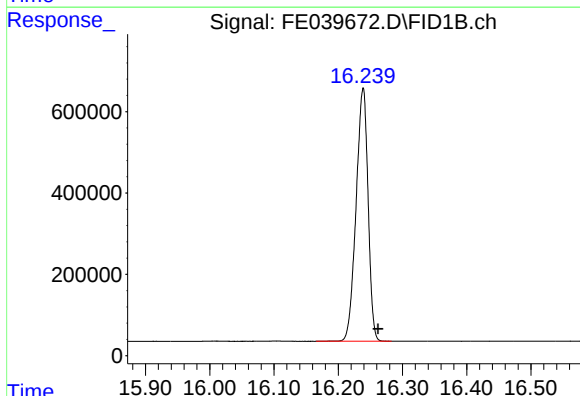
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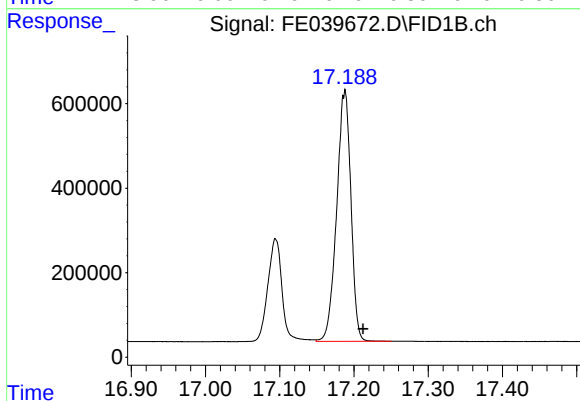
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: -0.024 min
Response: 8126961
Conc: 60.54 ug/ml m



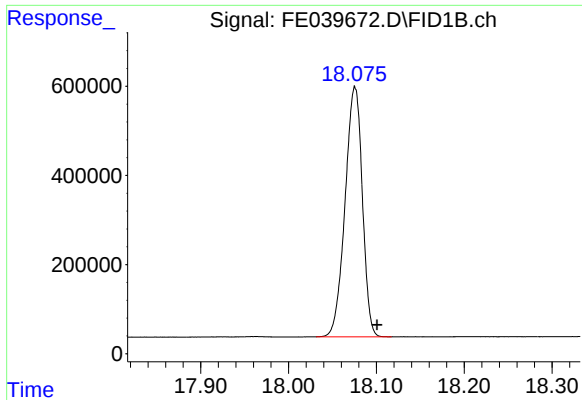
#15 n-Hexacosane (C26)

R.T.: 16.239 min
Delta R.T.: -0.023 min
Response: 8056096
Conc: 61.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.188 min
Delta R.T.: -0.025 min
Response: 7922780
Conc: 61.56 ug/ml



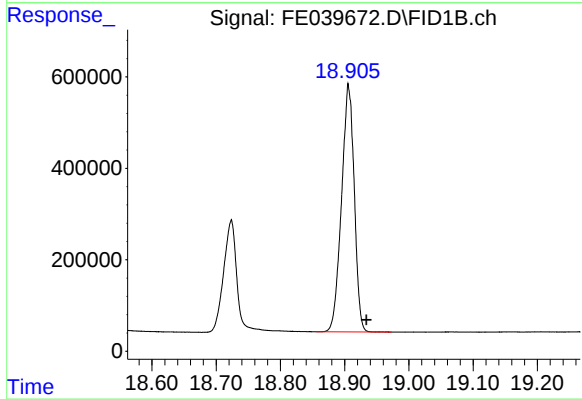
#17 n-Tricontane (C30)

R.T.: 18.075 min
Delta R.T.: -0.026 min
Response: 7663945
Conc: 59.53 ug/ml

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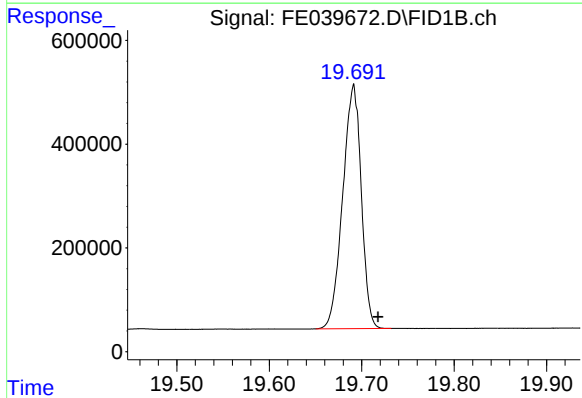
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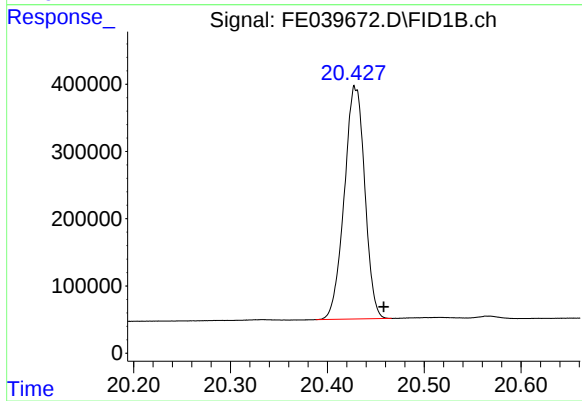
#18 n-Dotriacontane (C32)

R.T.: 18.906 min
Delta R.T.: -0.028 min
Response: 7447347
Conc: 57.51 ug/ml



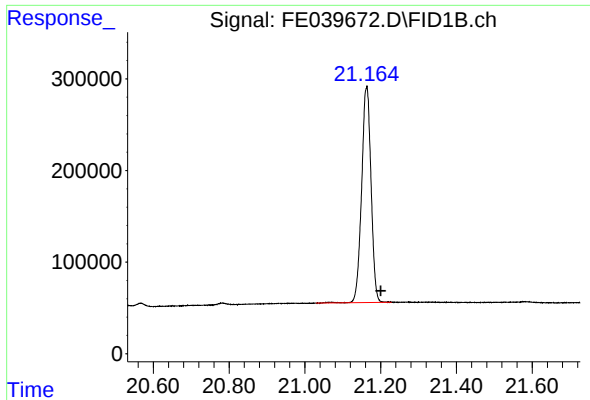
#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: -0.027 min
Response: 6548634
Conc: 51.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.427 min
Delta R.T.: -0.031 min
Response: 5088380
Conc: 42.08 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.163 min
Delta R.T.: -0.037 min
Response: 4067201
Conc: 32.93 ug/ml

Instrument :

FID_E

ClientSampleId :

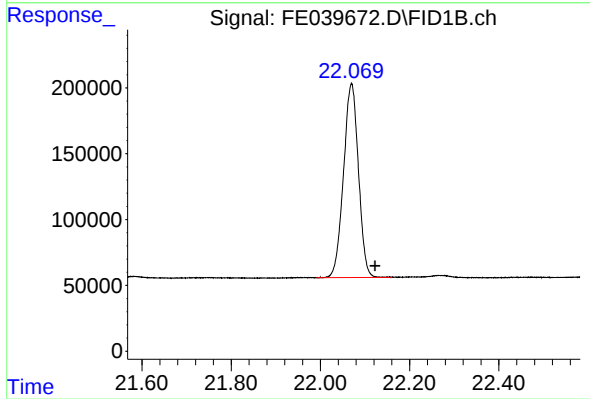
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#22 n-Tetracontane (C40)

R.T.: 22.070 min
Delta R.T.: -0.053 min
Response: 3415918
Conc: 27.20 ug/ml