

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110325AL\
 Data File : FE056644.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2025 19:28
 Operator : YP\AJ
 Sample : Q3516-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HD-01-103125MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/04/2025
 Supervised By :Yogesh Patel 11/04/2025

Integration File: sample.E
 Quant Time: Nov 04 00:43:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 2025
 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)	11.973	6246883	29.902 ug/ml
Spiked Amount 50.000		Recovery =	59.80%
12) S 1-chlorooctadecane (S...	13.411	5231237	32.469 ug/ml
Spiked Amount 50.000		Recovery =	64.94%
Target Compounds			
1) T n-Nonane (C9)	3.326	3815514	22.716 ug/ml
2) T n-Decane (C10)	4.578	4224950	24.622 ug/mlm
3) T A~Naphthalene (C11.7)	6.293	5364860	29.064 ug/ml
4) T n-Dodecane (C12)	6.751	4759812	27.366 ug/ml
5) T A~2-methylnaphthalene...	7.393	5247394	29.609 ug/ml
6) T n-Tetradecane (C14)	8.588	5602273	32.095 ug/ml
7) T n-Hexadecane (C16)	10.200	5950797	32.526 ug/ml
8) T n-Octadecane (C18)	11.650	5919026	31.273 ug/ml
10) T n-Eicosane (C20)	12.964	6012224	32.261 ug/ml
11) T n-Heneicosane (C21)	13.577	5657460	30.767 ug/ml
13) T n-Docosane (C22)	14.166	5685762	30.373 ug/ml
14) T n-Tetracosane (C24)	15.273	11836153	60.430 ug/ml
15) T n-Hexacosane (C26)	16.297	5418154	27.880 ug/ml
16) T n-Octacosane (C28)	17.249	5171818	26.705 ug/mlm
17) T n-Tricontane (C30)	18.141	4966399	24.771 ug/mlm
18) T n-Dotriacontane (C32)	18.976	4991328	25.382 ug/ml
19) T n-Tetratriacontane (C34)	19.763	4569137	26.471 ug/ml
20) T n-Hexatriacontane (C36)	20.505	4427448	30.607 ug/ml
21) T n-Octatriacontane (C38)	21.261	4483279	35.621 ug/ml
22) T n-Tetracontane (C40)	22.211	4262539	36.869 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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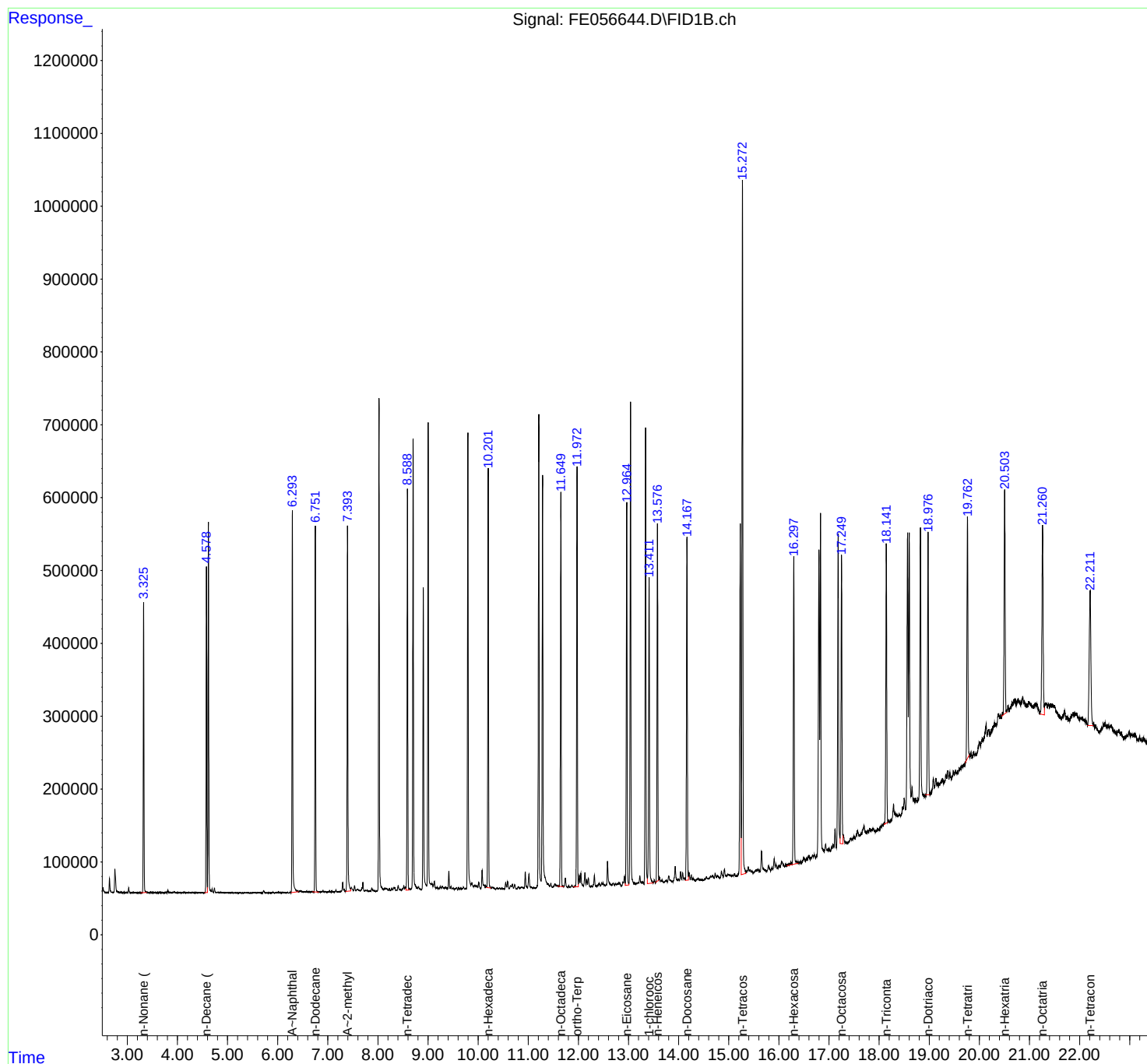
Instrument :
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HD-01-103125MSD

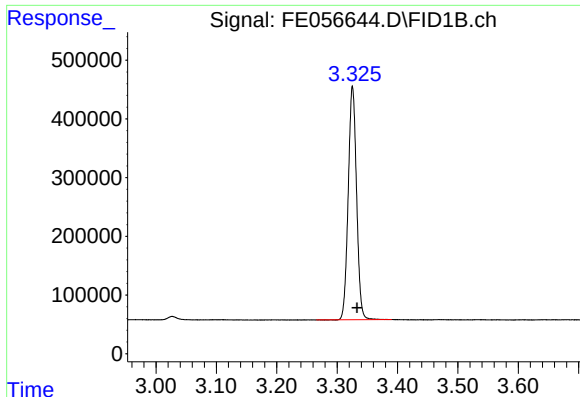
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.326 min
Delta R.T.: -0.007 min
Response: 3815514
Conc: 22.72 ug/ml

Instrument :

FID_E

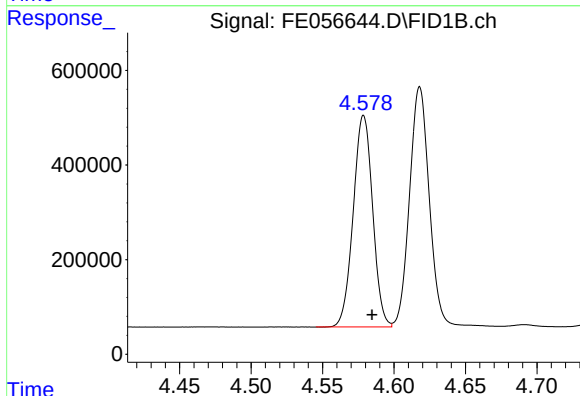
ClientSampleId :

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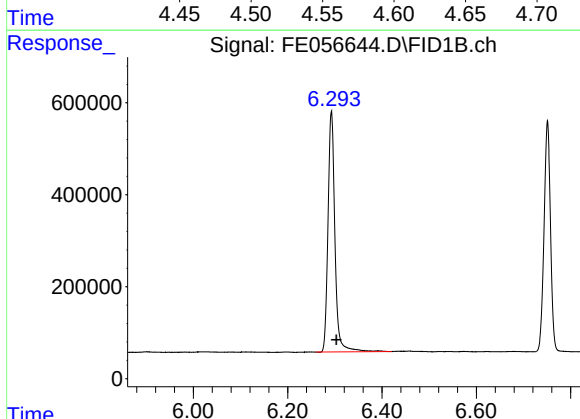
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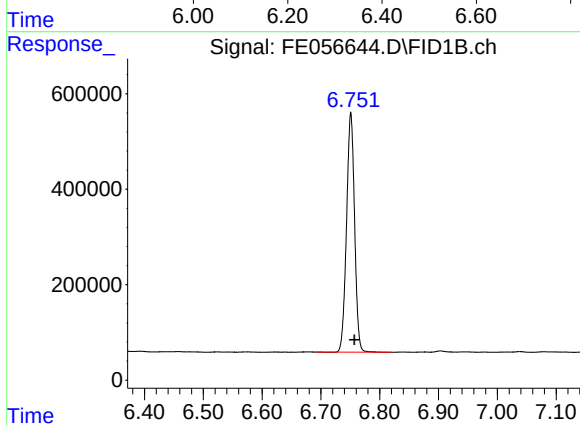
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: -0.006 min
Response: 4224950
Conc: 24.62 ug/ml m



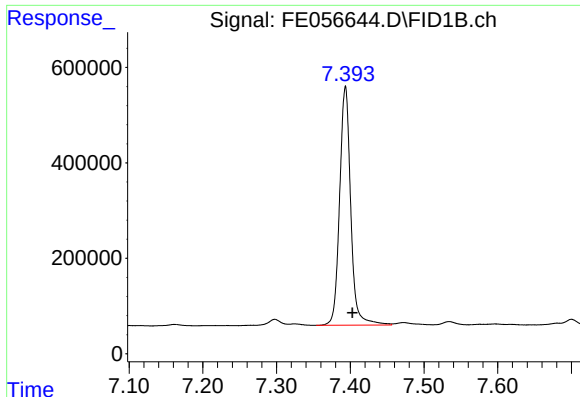
#3 A~Naphthalene (C11.7)

R.T.: 6.293 min
Delta R.T.: -0.011 min
Response: 5364860
Conc: 29.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.751 min
Delta R.T.: -0.006 min
Response: 4759812
Conc: 27.37 ug/ml



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

R.T.: 7.393 min
Delta R.T.: -0.010 min
Response: 5247394
Conc: 29.61 ug/ml

Instrument :

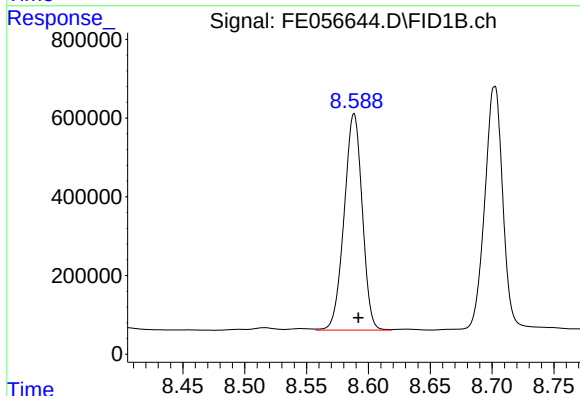
FID_E

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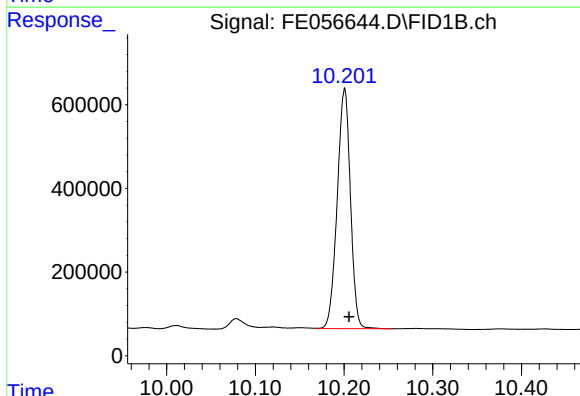
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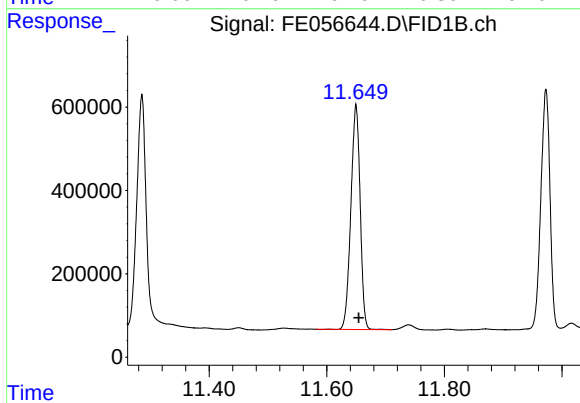
#6 n-Tetradecane (C14)

R.T.: 8.588 min
Delta R.T.: -0.004 min
Response: 5602273
Conc: 32.10 ug/ml



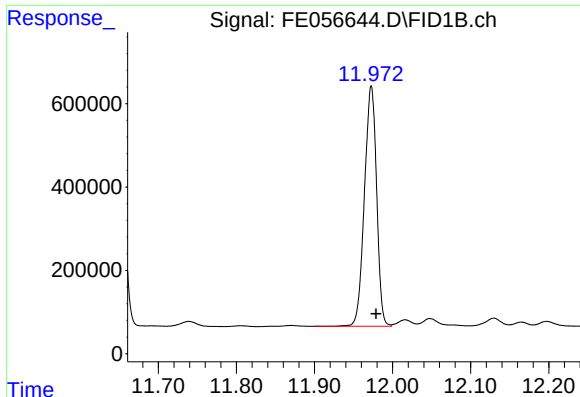
#7 n-Hexadecane (C16)

R.T.: 10.200 min
Delta R.T.: -0.005 min
Response: 5950797
Conc: 32.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.650 min
Delta R.T.: -0.005 min
Response: 5919026
Conc: 31.27 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.973 min
Delta R.T.: -0.006 min
Response: 6246883
Conc: 29.90 ug/ml

Instrument :

FID_E

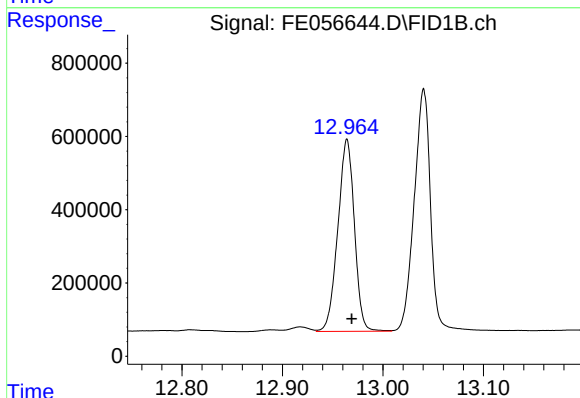
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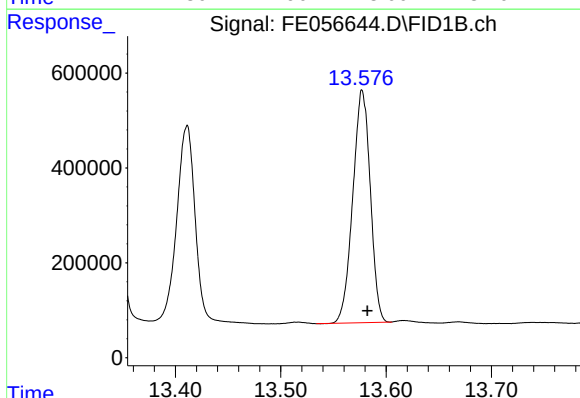
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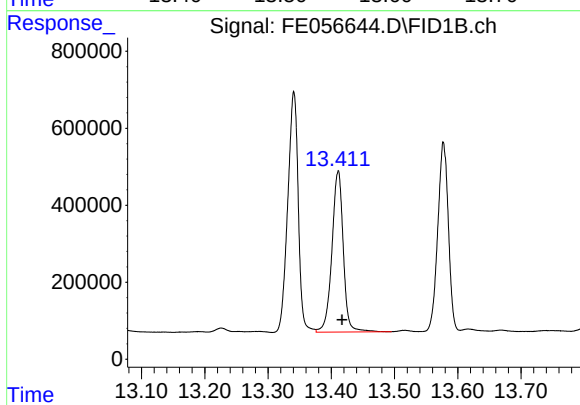
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: -0.005 min
Response: 6012224
Conc: 32.26 ug/ml



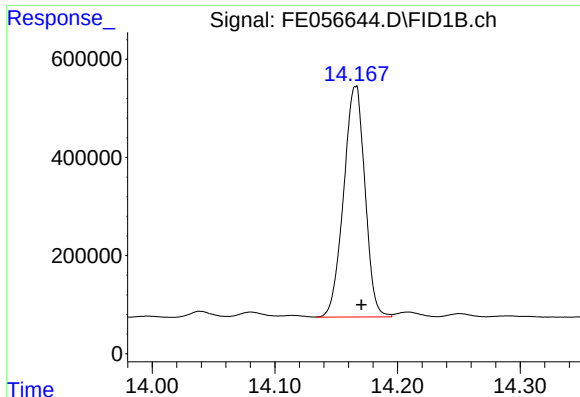
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: -0.005 min
Response: 5657460
Conc: 30.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.411 min
Delta R.T.: -0.006 min
Response: 5231237
Conc: 32.47 ug/ml



#13 n-Docosane (C22)

R.T.: 14.166 min
Delta R.T.: -0.005 min
Response: 5685762
Conc: 30.37 ug/ml

Instrument :

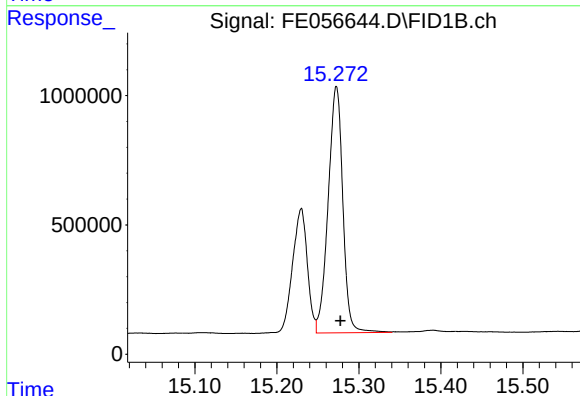
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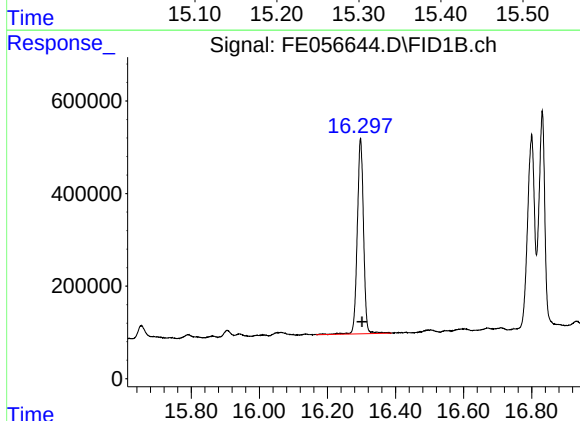
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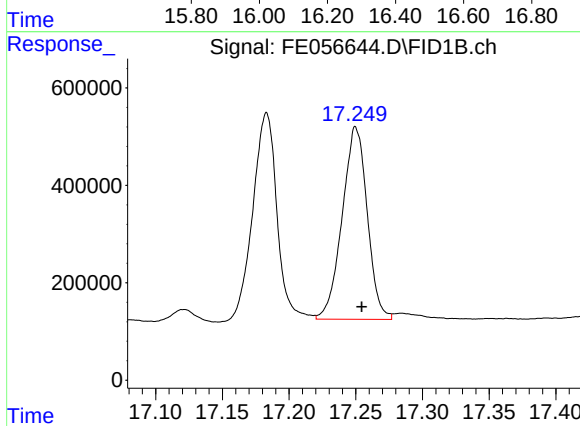
#14 n-Tetracosane (C24)

R.T.: 15.273 min
Delta R.T.: -0.005 min
Response: 11836153
Conc: 60.43 ug/ml



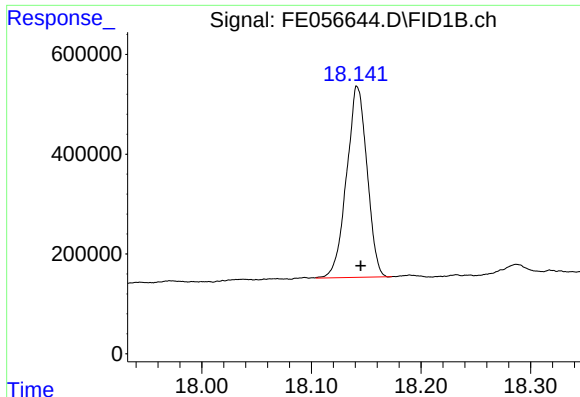
#15 n-Hexacosane (C26)

R.T.: 16.297 min
Delta R.T.: -0.005 min
Response: 5418154
Conc: 27.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.249 min
Delta R.T.: -0.005 min
Response: 5171818
Conc: 26.71 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.141 min
Delta R.T.: -0.004 min
Response: 4966399
Conc: 24.77 ug/ml

Instrument :

FID_E

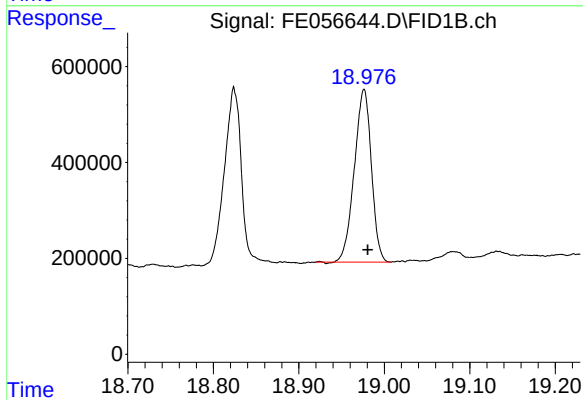
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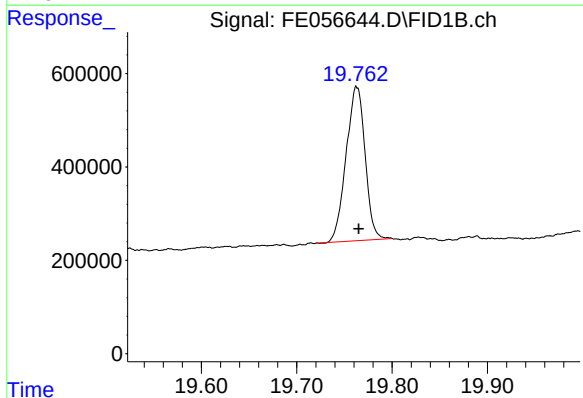
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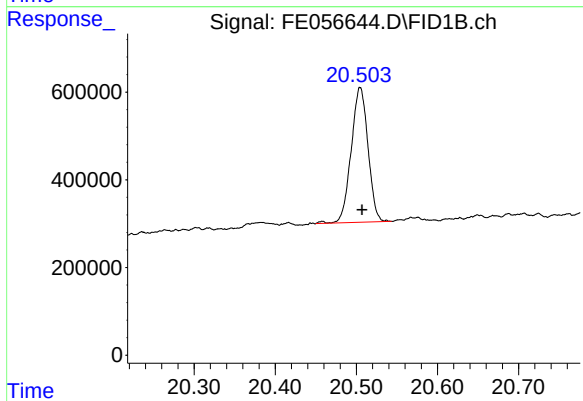
#18 n-Dotriacontane (C32)

R.T.: 18.976 min
Delta R.T.: -0.004 min
Response: 4991328
Conc: 25.38 ug/ml



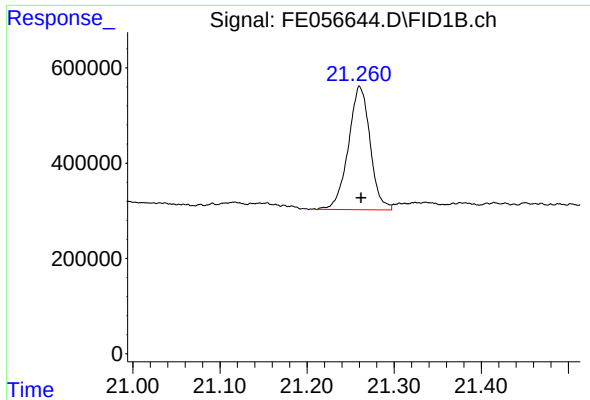
#19 n-Tetratriacontane (C34)

R.T.: 19.763 min
Delta R.T.: -0.002 min
Response: 4569137
Conc: 26.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.505 min
Delta R.T.: -0.002 min
Response: 4427448
Conc: 30.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.261 min
Delta R.T.: -0.001 min
Response: 4483279
Conc: 35.62 ug/ml

Instrument :

FID_E

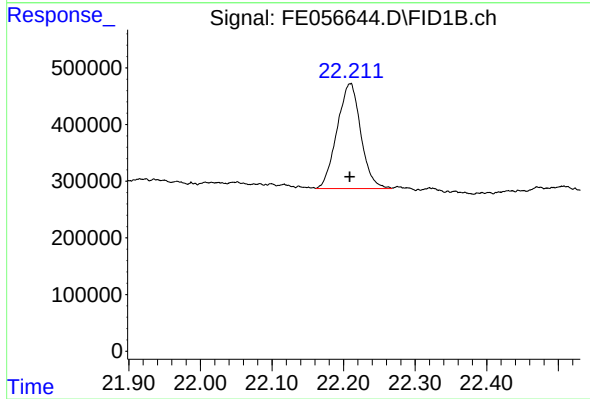
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#22 n-Tetracontane (C40)

R.T.: 22.211 min
Delta R.T.: 0.002 min
Response: 4262539
Conc: 36.87 ug/ml m