

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110325AL\
 Data File : FE056637.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2025 15:56
 Operator : YP\AJ
 Sample : PB170373BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170373BS

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 00:40:31 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)	11.968	7689868	36.809 ug/ml
Spiked Amount 50.000		Recovery =	73.62%
12) S 1-chlorooctadecane (S...	13.406	6204080	38.507 ug/ml
Spiked Amount 50.000		Recovery =	77.01%
Target Compounds			
1) T n-Nonane (C9)	3.331	4648532	27.676 ug/ml
2) T n-Decane (C10)	4.579	4939668	28.787 ug/mlm
3) T A~Naphthalene (C11.7)	6.291	5742366	31.110 ug/ml
4) T n-Dodecane (C12)	6.749	5354913	30.788 ug/ml
5) T A~2-methylnaphthalene...	7.390	5501933	31.045 ug/ml
6) T n-Tetradecane (C14)	8.584	5754317	32.966 ug/ml
7) T n-Hexadecane (C16)	10.196	6008123	32.839 ug/ml
8) T n-Octadecane (C18)	11.645	6065974	32.049 ug/ml
10) T n-Eicosane (C20)	12.958	6227225	33.414 ug/ml
11) T n-Heneicosane (C21)	13.572	5980951	32.526 ug/ml
13) T n-Docosane (C22)	14.160	5902987	31.533 ug/ml
14) T n-Tetracosane (C24)	15.264	12094617	61.750 ug/ml
15) T n-Hexacosane (C26)	16.291	5652882	29.088 ug/ml
16) T n-Octacosane (C28)	17.240	5509823	28.451 ug/mlm
17) T n-Tricontane (C30)	18.133	5415865	27.012 ug/ml
18) T n-Dotriacontane (C32)	18.967	5286991	26.885 ug/ml
19) T n-Tetratriacontane (C34)	19.752	5003589	28.988 ug/ml
20) T n-Hexatriacontane (C36)	20.493	4594532	31.762 ug/ml
21) T n-Octatriacontane (C38)	21.242	4169690	33.129 ug/mlm
22) T n-Tetracontane (C40)	22.184	3823622	33.072 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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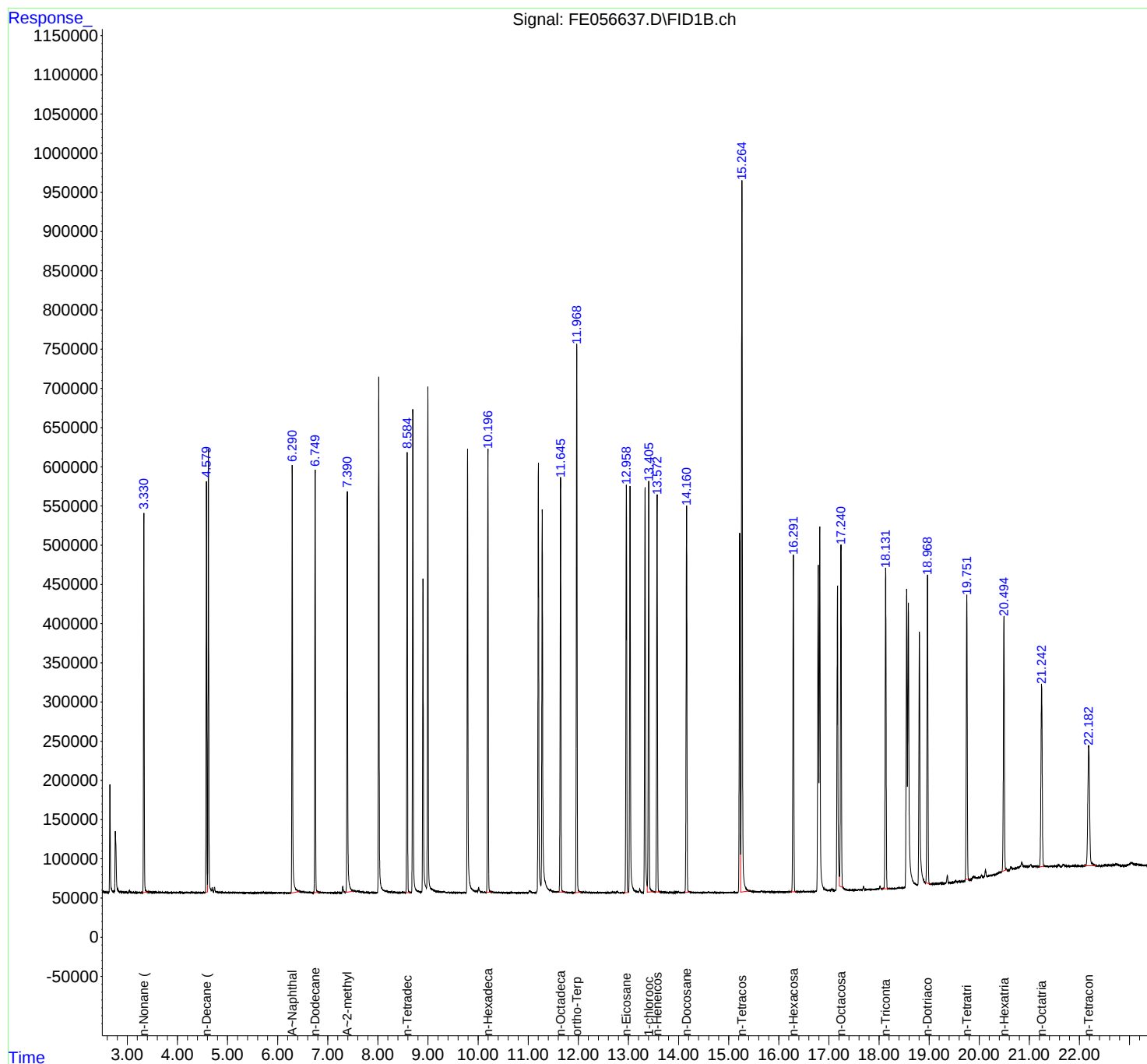
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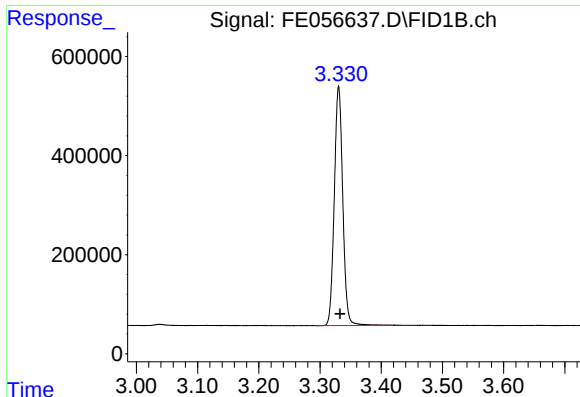
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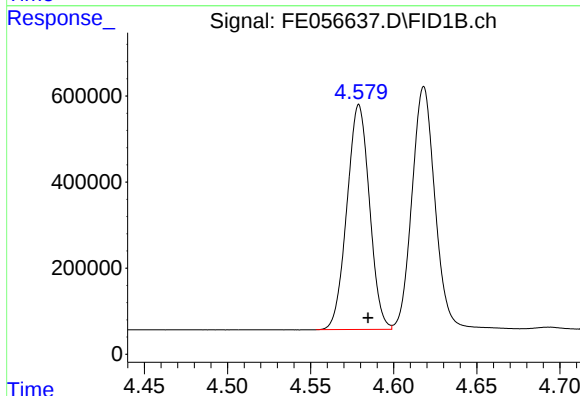
#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 4648532
Conc: 27.68 ug/ml

Instrument :
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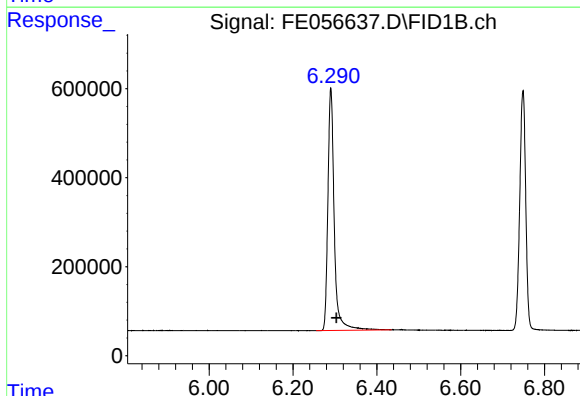
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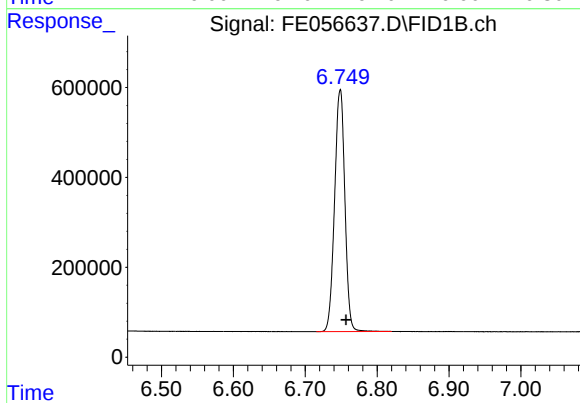
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: -0.006 min
Response: 4939668
Conc: 28.79 ug/ml m



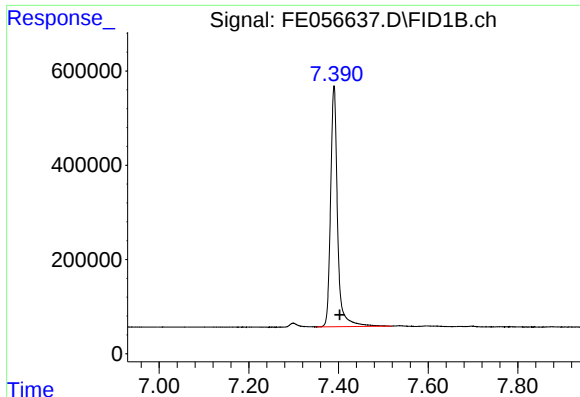
#3 A~Naphthalene (C11.7)

R.T.: 6.291 min
Delta R.T.: -0.013 min
Response: 5742366
Conc: 31.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.749 min
Delta R.T.: -0.008 min
Response: 5354913
Conc: 30.79 ug/ml



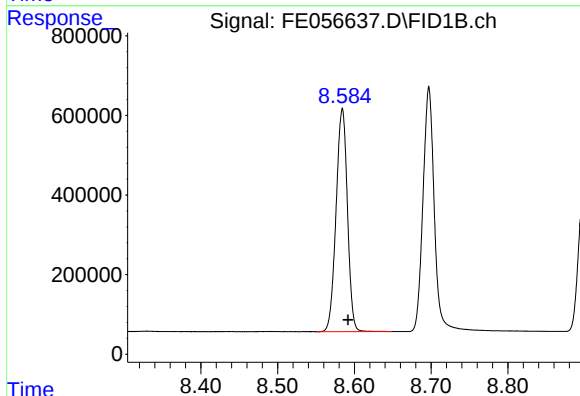
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.390 min
Delta R.T.: -0.013 min
Response: 5501933
Conc: 31.05 ug/ml

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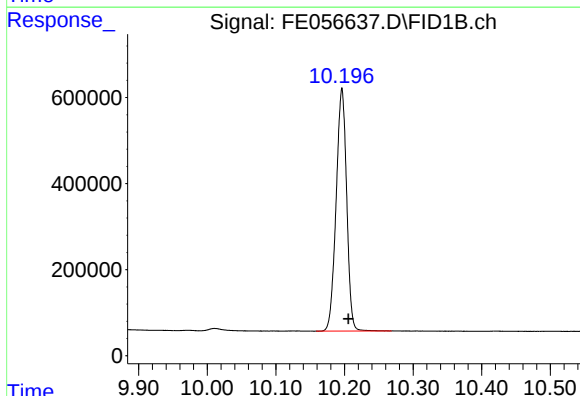
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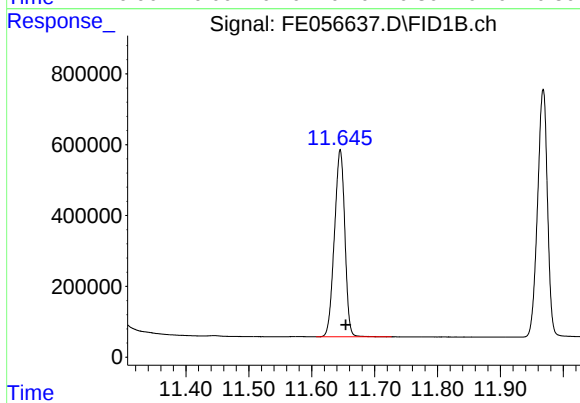
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: -0.008 min
Response: 5754317
Conc: 32.97 ug/ml



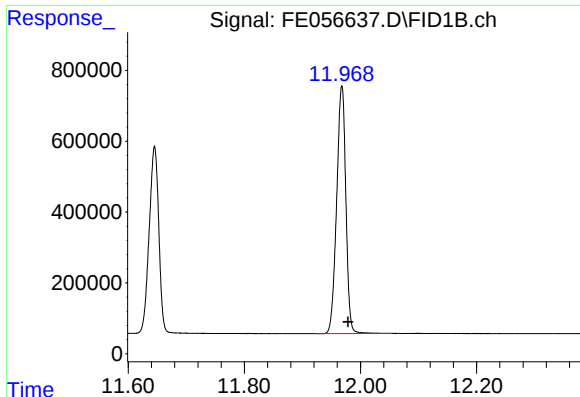
#7 n-Hexadecane (C16)

R.T.: 10.196 min
Delta R.T.: -0.009 min
Response: 6008123
Conc: 32.84 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.645 min
Delta R.T.: -0.009 min
Response: 6065974
Conc: 32.05 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.968 min
Delta R.T.: -0.011 min
Response: 7689868
Conc: 36.81 ug/ml

Instrument :

FID_E

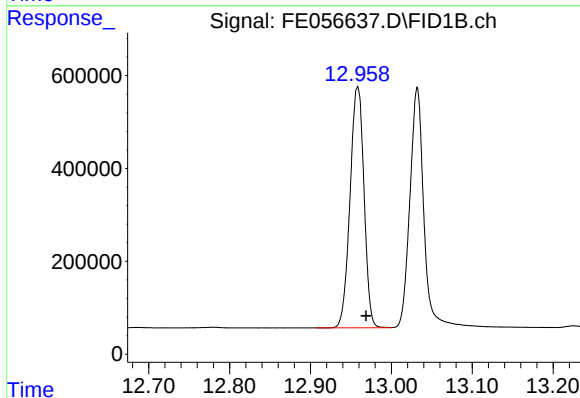
ClientSampleId :

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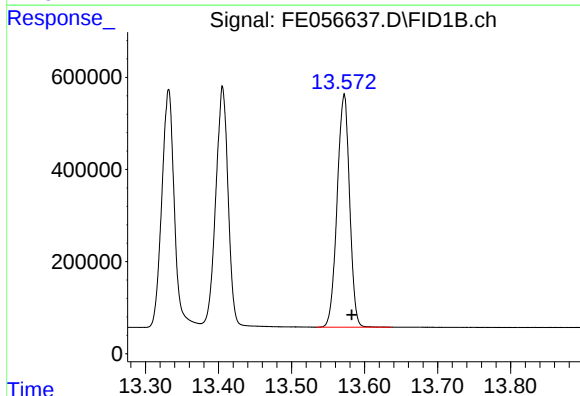
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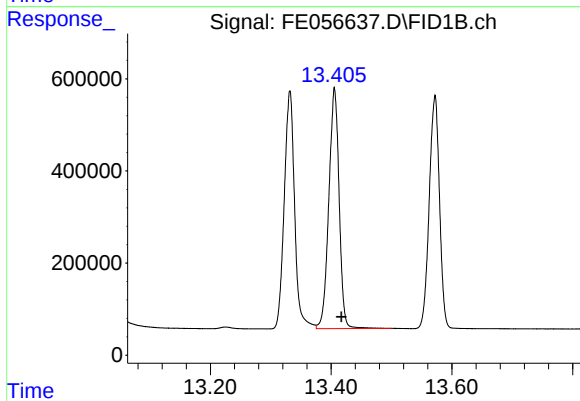
#10 n-Eicosane (C20)

R.T.: 12.958 min
Delta R.T.: -0.011 min
Response: 6227225
Conc: 33.41 ug/ml



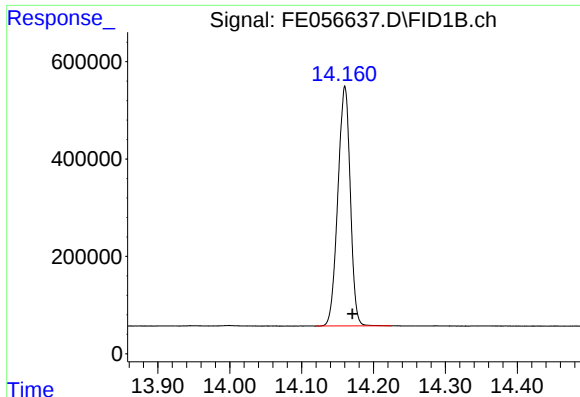
#11 n-Heneicosane (C21)

R.T.: 13.572 min
Delta R.T.: -0.011 min
Response: 5980951
Conc: 32.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: -0.012 min
Response: 6204080
Conc: 38.51 ug/ml



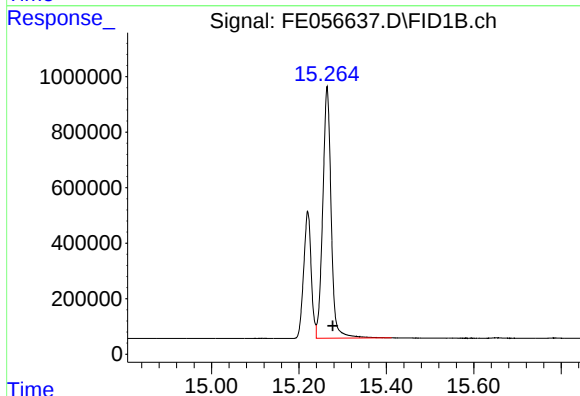
#13 n-Docosane (C22)

R.T.: 14.160 min
Delta R.T.: -0.011 min
Response: 5902987
Conc: 31.53 ug/ml

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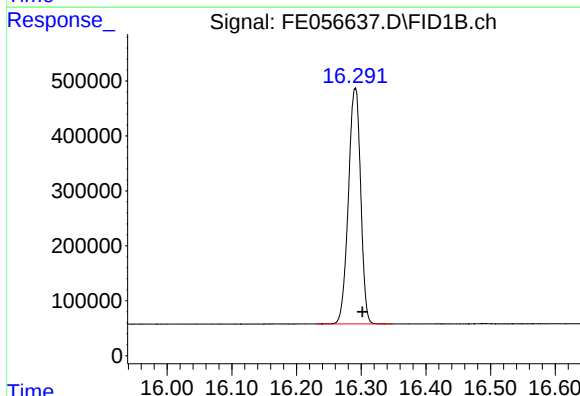
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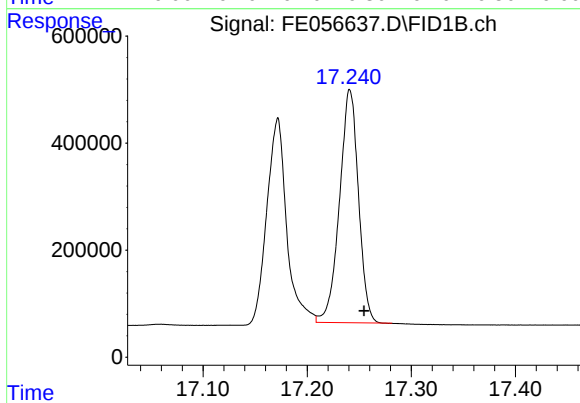
#14 n-Tetracosane (C24)

R.T.: 15.264 min
Delta R.T.: -0.013 min
Response: 12094617
Conc: 61.75 ug/ml



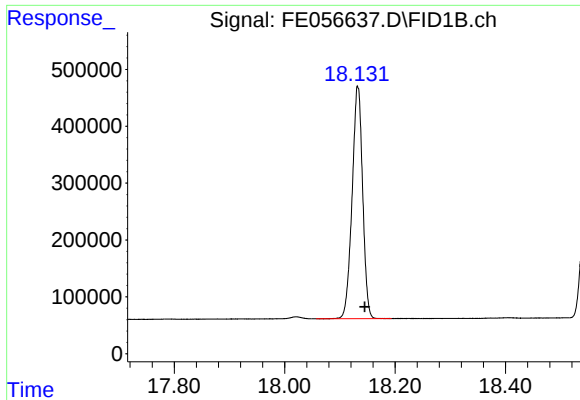
#15 n-Hexacosane (C26)

R.T.: 16.291 min
Delta R.T.: -0.011 min
Response: 5652882
Conc: 29.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.240 min
Delta R.T.: -0.014 min
Response: 5509823
Conc: 28.45 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.133 min
Delta R.T.: -0.012 min
Response: 5415865
Conc: 27.01 ug/ml

Instrument :

FID_E

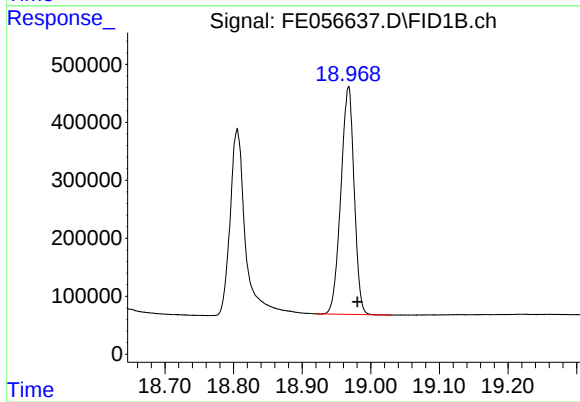
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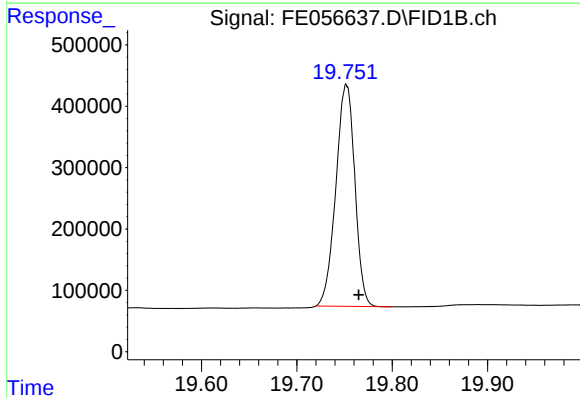
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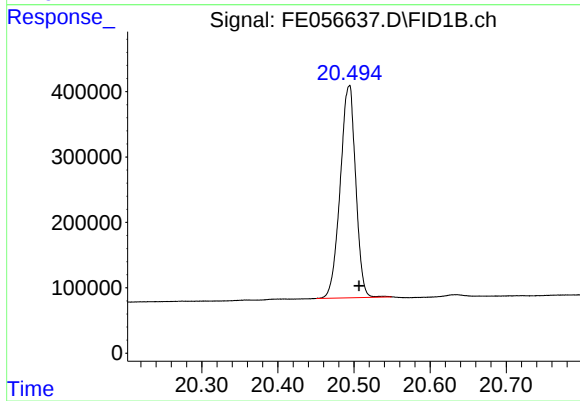
#18 n-Dotriacontane (C32)

R.T.: 18.967 min
Delta R.T.: -0.013 min
Response: 5286991
Conc: 26.89 ug/ml



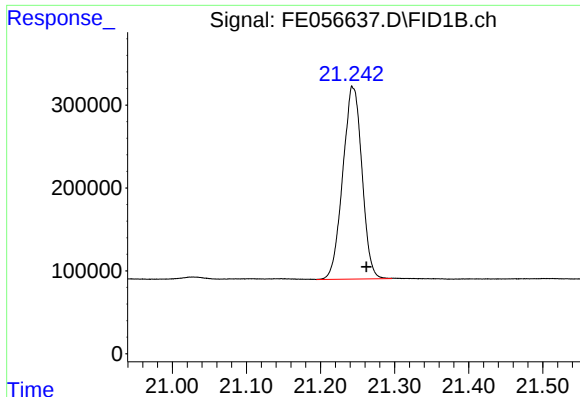
#19 n-Tetratriacontane (C34)

R.T.: 19.752 min
Delta R.T.: -0.013 min
Response: 5003589
Conc: 28.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.493 min
Delta R.T.: -0.014 min
Response: 4594532
Conc: 31.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.242 min
Delta R.T.: -0.020 min
Response: 4169690
Conc: 33.13 ug/ml

Instrument :

FID_E

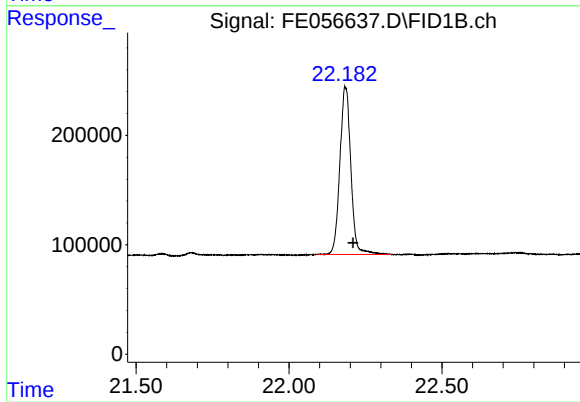
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#22 n-Tetracontane (C40)

R.T.: 22.184 min
Delta R.T.: -0.025 min
Response: 3823622
Conc: 33.07 ug/ml