

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101825AL\
 Data File : FE056363.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2025 14:40
 Operator : YP\AJ
 Sample : PB170145BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB170145BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/20/2025

Supervised By :mohammad ahmed 10/24/2025

Integration File: autoint1.e

Quant Time: Oct 20 12:05:58 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M

Quant Title : GC Extractables

QLast Update : Fri Oct 17 08:31:49 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)	12.053	6655077	32.576 ug/ml
Spiked Amount 50.000		Recovery =	65.15%
12) S 1-chlorooctadecane (S...	13.490	5320810	34.872 ug/ml
Spiked Amount 50.000		Recovery =	69.74%
Target Compounds			
1) T n-Nonane (C9)	3.411	6418999	39.380 ug/ml
2) T n-Decane (C10)	4.658	6988956	42.499 ug/ml
3) T A~Naphthalene (C11.7)	6.369	8205397	46.416 ug/ml
4) T n-Dodecane (C12)	6.826	7443609	44.365 ug/ml
5) T A~2-methylnaphthalene...	7.470	7694197	46.177 ug/ml
6) T n-Tetradecane (C14)	8.664	7704911	46.378 ug/ml
7) T n-Hexadecane (C16)	10.278	7833567	44.774 ug/ml
8) T n-Octadecane (C18)	11.728	7888949	43.248 ug/ml
10) T n-Eicosane (C20)	13.043	8166809	45.868 ug/ml
11) T n-Heneicosane (C21)	13.657	7824752	44.598 ug/ml
13) T n-Docosane (C22)	14.245	7715398	43.587 ug/ml
14) T n-Tetracosane (C24)	15.310	7697087	42.306 ug/mlm
15) T n-Hexacosane (C26)	16.377	7602138	42.350 ug/ml
16) T n-Octacosane (C28)	17.328	7829840	44.013 ug/ml
17) T n-Tricontane (C30)	18.219	7351016	40.488 ug/ml
18) T n-Dotriacontane (C32)	19.052	7097566	40.259 ug/ml
19) T n-Tetratriacontane (C34)	19.836	6854480	44.280 ug/ml
20) T n-Hexatriacontane (C36)	20.578	6452477	51.647 ug/ml
21) T n-Octatriacontane (C38)	21.348	6125041	58.624 ug/ml
22) T n-Tetracontane (C40)	22.324	5455793	60.124 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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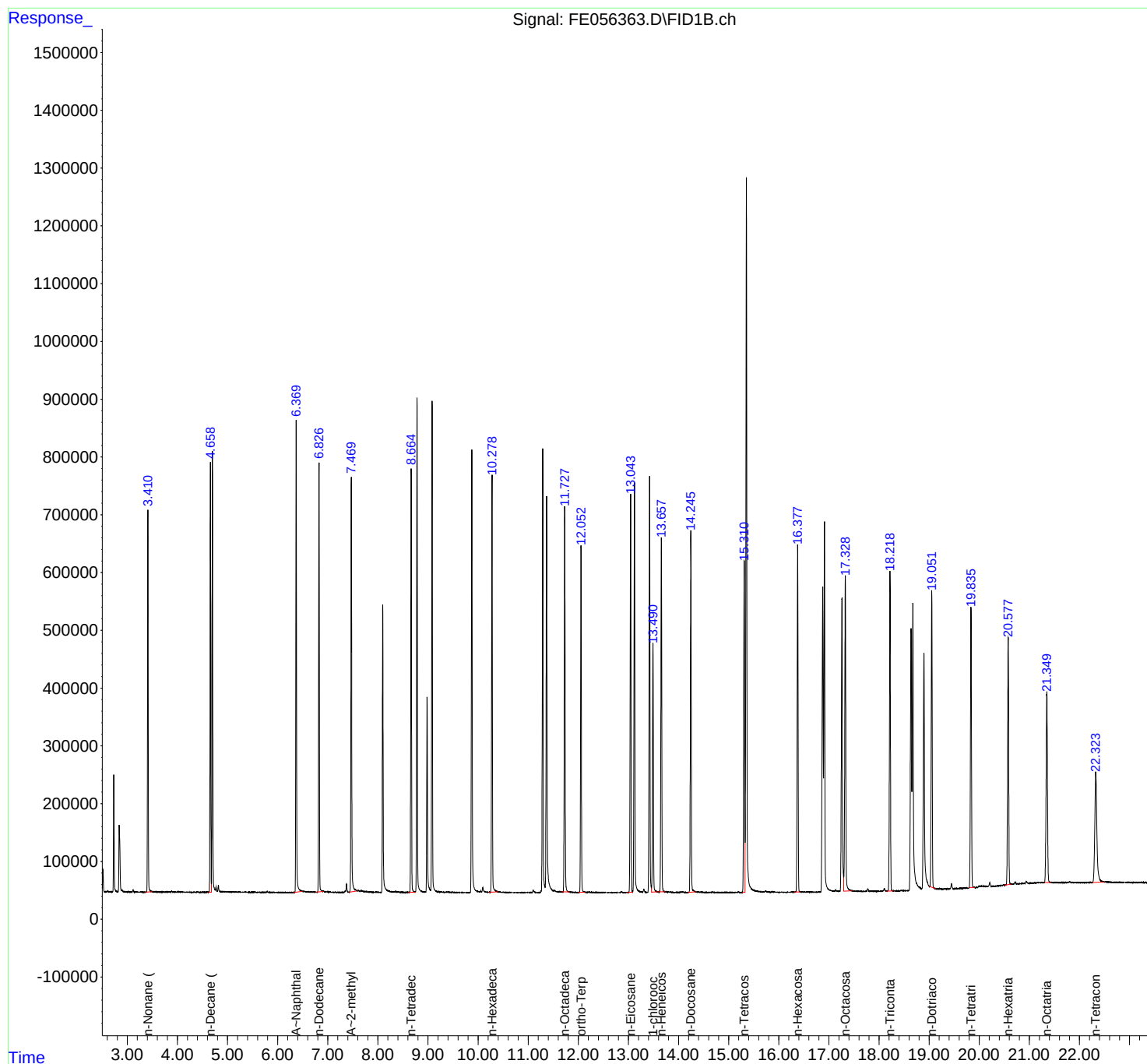
Instrument :
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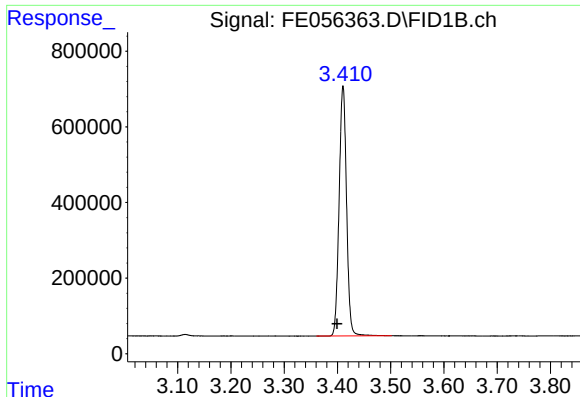
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.411 min
Delta R.T.: 0.012 min
Response: 6418999
Conc: 39.38 ug/ml

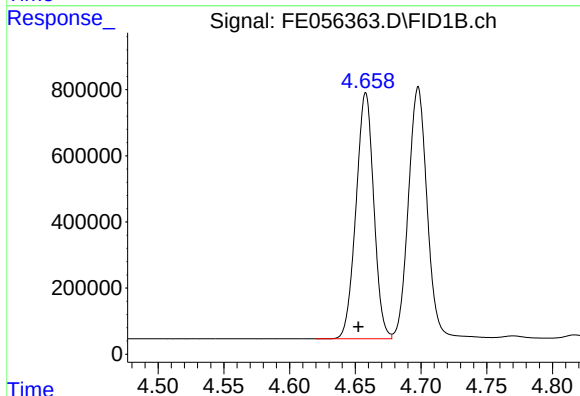
Instrument :

FID_E

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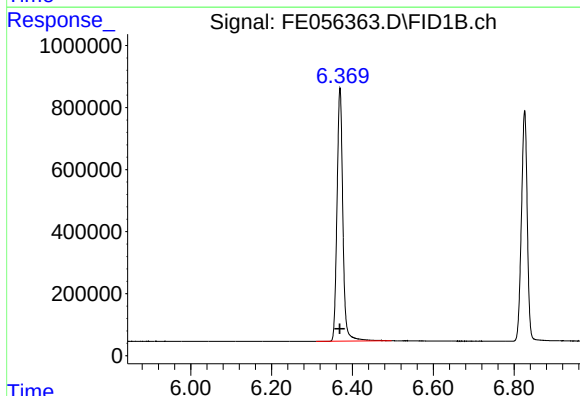
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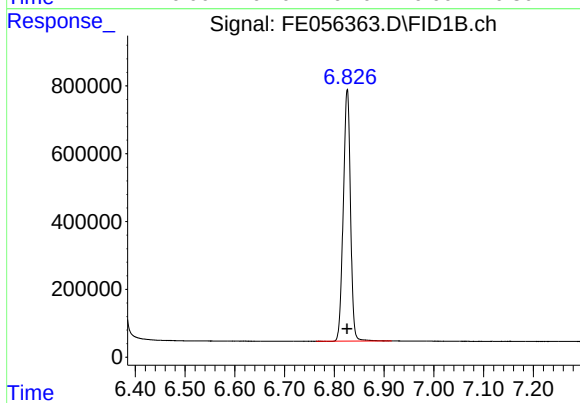
#2 n-Decane (C10)

R.T.: 4.658 min
Delta R.T.: 0.005 min
Response: 6988956
Conc: 42.50 ug/ml



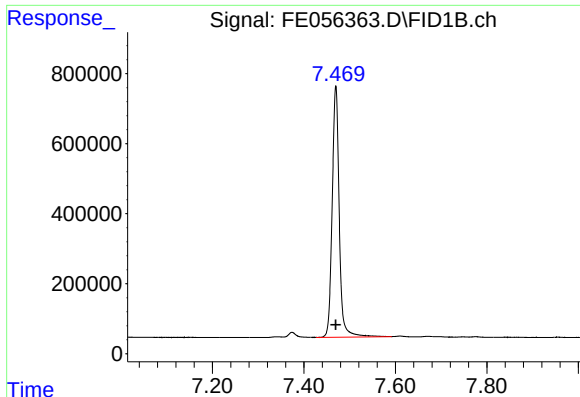
#3 A~Naphthalene (C11.7)

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 8205397
Conc: 46.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 7443609
Conc: 44.36 ug/ml



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

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 7694197
Conc: 46.18 ug/ml

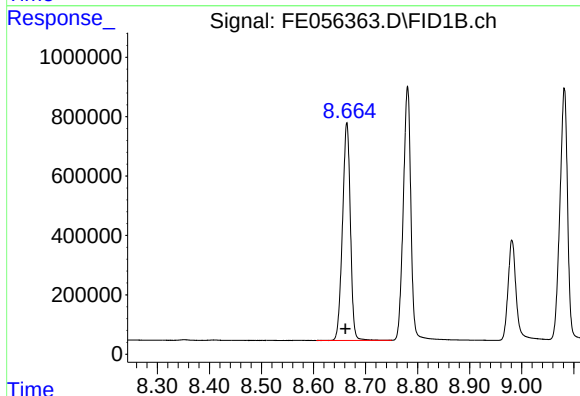
Instrument :

FID_E

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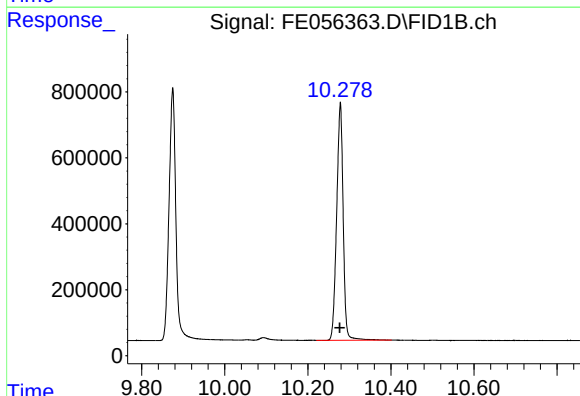
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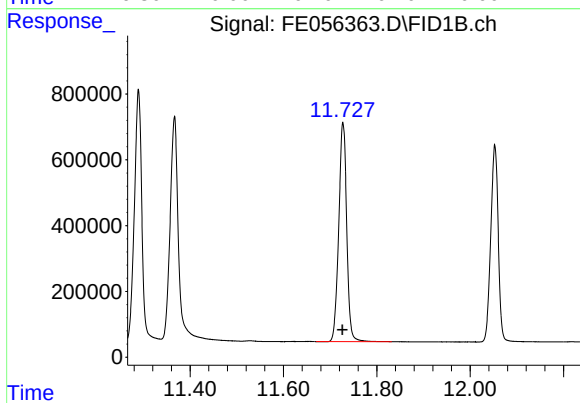
#6 n-Tetradecane (C14)

R.T.: 8.664 min
Delta R.T.: 0.002 min
Response: 7704911
Conc: 46.38 ug/ml



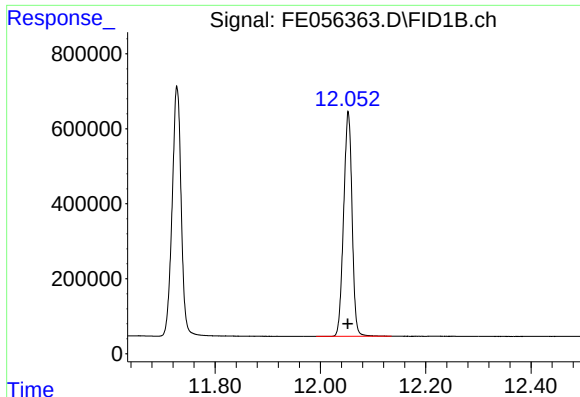
#7 n-Hexadecane (C16)

R.T.: 10.278 min
Delta R.T.: 0.002 min
Response: 7833567
Conc: 44.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.728 min
Delta R.T.: 0.001 min
Response: 7888949
Conc: 43.25 ug/ml



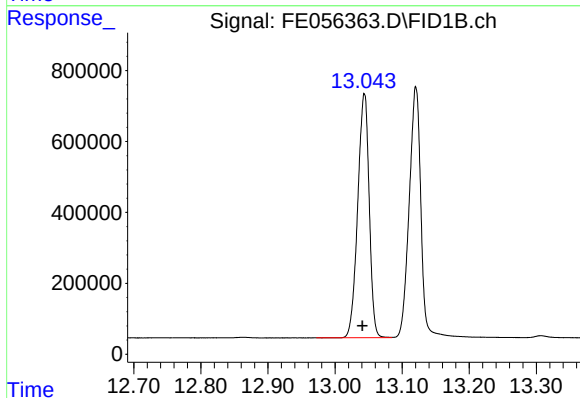
#9 ortho-Terphenyl (SURR)

R.T.: 12.053 min
Delta R.T.: 0.000 min
Response: 6655077
Conc: 32.58 ug/ml

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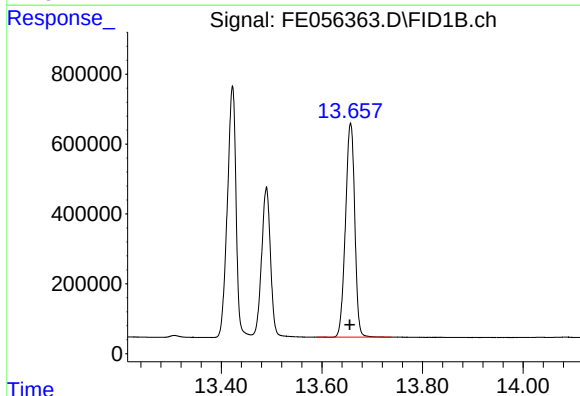
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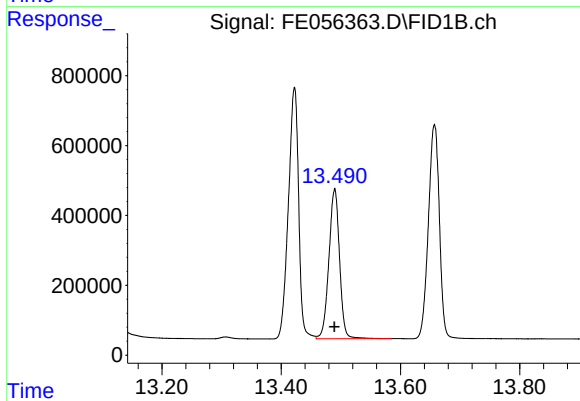
#10 n-Eicosane (C20)

R.T.: 13.043 min
Delta R.T.: 0.002 min
Response: 8166809
Conc: 45.87 ug/ml



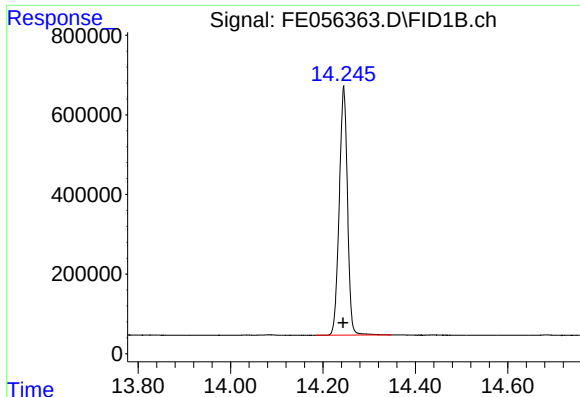
#11 n-Heneicosane (C21)

R.T.: 13.657 min
Delta R.T.: 0.002 min
Response: 7824752
Conc: 44.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.490 min
Delta R.T.: 0.000 min
Response: 5320810
Conc: 34.87 ug/ml



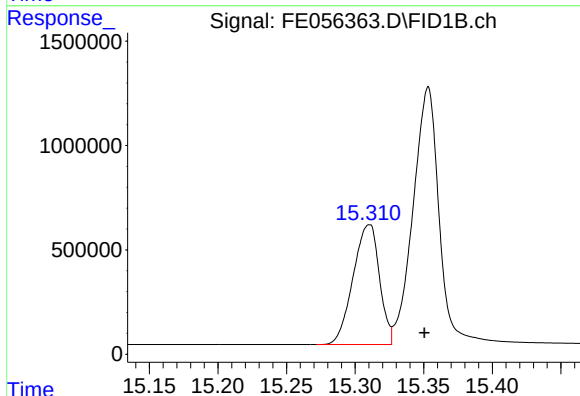
#13 n-Docosane (C22)

R.T.: 14.245 min
Delta R.T.: 0.001 min
Response: 7715398
Conc: 43.59 ug/ml

Instrument :
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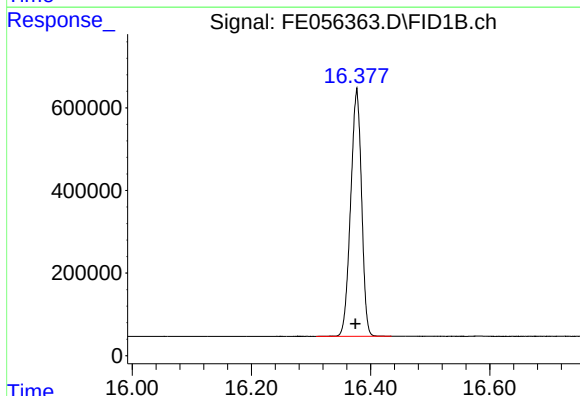
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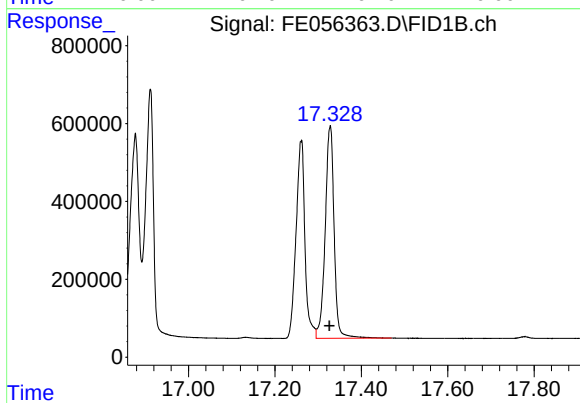
#14 n-Tetracosane (C24)

R.T.: 15.310 min
Delta R.T.: -0.041 min
Response: 7697087
Conc: 42.31 ug/ml m



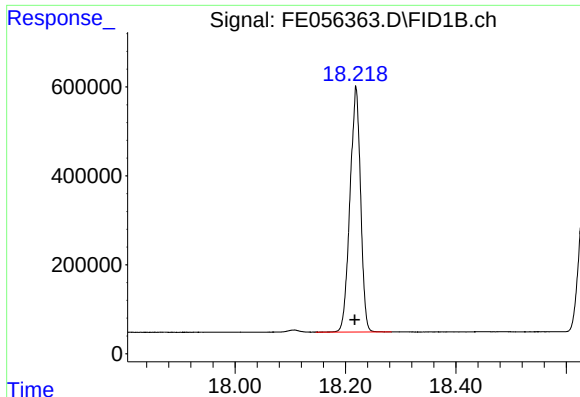
#15 n-Hexacosane (C26)

R.T.: 16.377 min
Delta R.T.: 0.002 min
Response: 7602138
Conc: 42.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.328 min
Delta R.T.: 0.001 min
Response: 7829840
Conc: 44.01 ug/ml



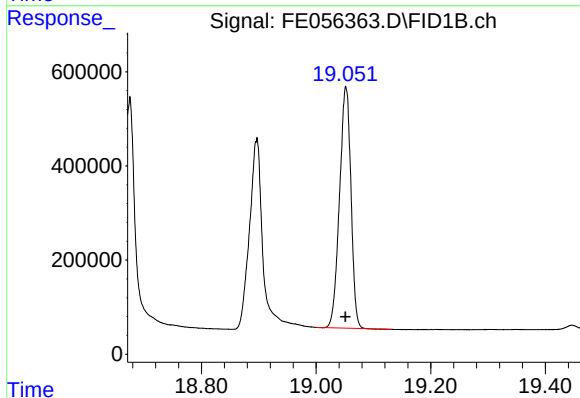
#17 n-Tricontane (C30)

R.T.: 18.219 min
Delta R.T.: 0.002 min
Response: 7351016
Conc: 40.49 ug/ml

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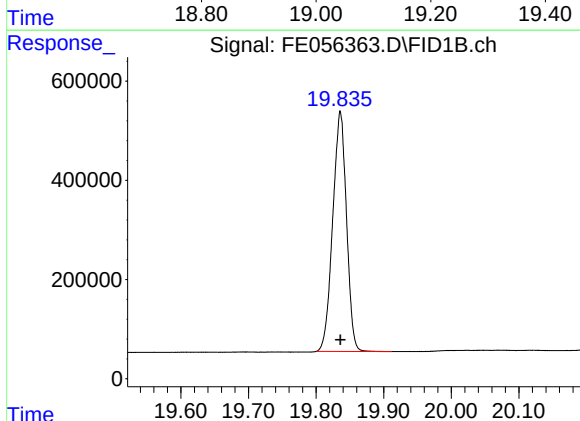
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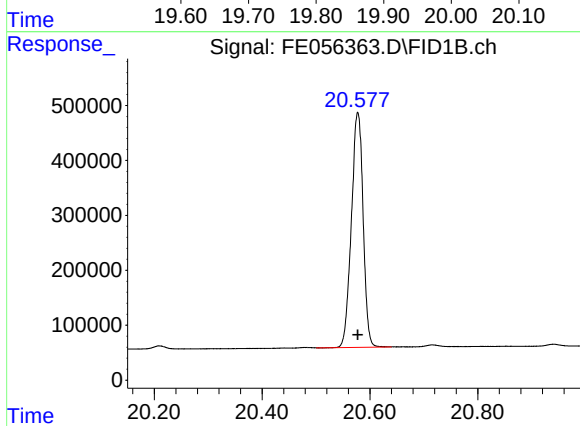
#18 n-Dotriacontane (C32)

R.T.: 19.052 min
Delta R.T.: 0.000 min
Response: 7097566
Conc: 40.26 ug/ml



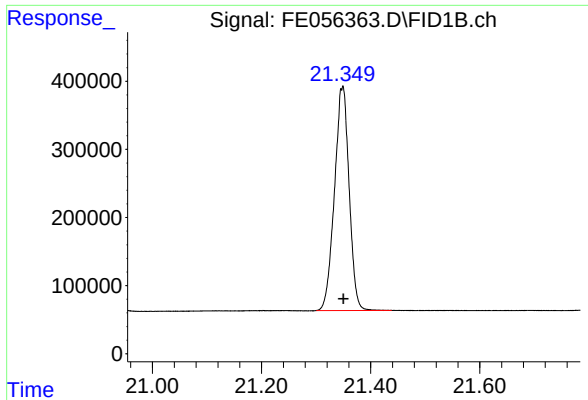
#19 n-Tetratriacontane (C34)

R.T.: 19.836 min
Delta R.T.: 0.000 min
Response: 6854480
Conc: 44.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.578 min
Delta R.T.: 0.000 min
Response: 6452477
Conc: 51.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.348 min
Delta R.T.: -0.002 min
Response: 6125041
Conc: 58.62 ug/ml

Instrument :

FID_E

ClientSampleId :

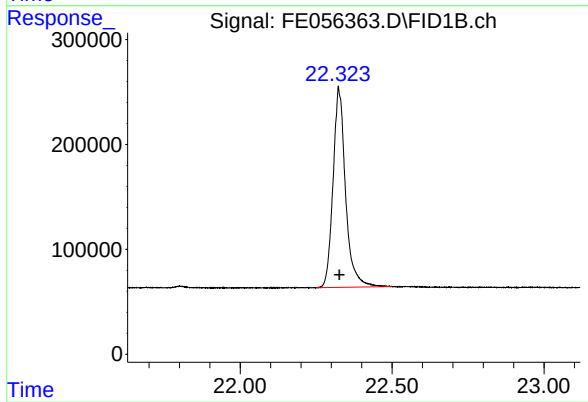
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#22 n-Tetracontane (C40)

R.T.: 22.324 min
Delta R.T.: -0.003 min
Response: 5455793
Conc: 60.12 ug/ml