

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101325AL\
 Data File : FE056303.D
 Signal(s) : FID1B.ch
 Acq On : 13 Oct 2025 14:30
 Operator : YP\AJ
 Sample : PB170068BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170068BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2025
 Supervised By :mohammad ahmed 10/15/2025

Integration File: sample.E
 Quant Time: Oct 14 02:29:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.069	7792682	41.527 ug/ml
Spiked Amount 50.000		Recovery =	83.05%
12) S 1-chlorooctadecane (S...	13.505	6075186	43.529 ug/ml
Spiked Amount 50.000		Recovery =	87.06%
Target Compounds			
1) T n-Nonane (C9)	3.414	5560014	40.586 ug/ml
2) T n-Decane (C10)	4.669	6208747	44.487 ug/ml
3) T A~Naphthalene (C11.7)	6.386	8652135	54.190 ug/ml
4) T n-Dodecane (C12)	6.841	7171418	49.965 ug/ml
5) T A~2-methylnaphthalene...	7.487	8455174	54.368 ug/ml
6) T n-Tetradecane (C14)	8.679	7940944	53.711 ug/ml
7) T n-Hexadecane (C16)	10.293	8723045	54.894 ug/ml
8) T n-Octadecane (C18)	11.743	9238435	54.542 ug/ml
10) T n-Eicosane (C20)	13.059	9657829	58.262 ug/ml
11) T n-Heneicosane (C21)	13.672	9265264	57.020 ug/ml
13) T n-Docosane (C22)	14.260	9038337	56.563 ug/ml
14) T n-Tetracosane (C24)	15.369	17445212	114.484 ug/ml
15) T n-Hexacosane (C26)	16.392	7862436	55.124 ug/ml
16) T n-Octacosane (C28)	17.341	7942264	57.013 ug/mlm
17) T n-Tricontane (C30)	18.233	7584730	51.186 ug/ml
18) T n-Dotriacontane (C32)	19.067	7633605	51.164 ug/ml
19) T n-Tetratriacontane (C34)	19.851	7994041	56.515 ug/ml
20) T n-Hexatriacontane (C36)	20.592	8195256	63.840 ug/ml
21) T n-Octatriacontane (C38)	21.369	8587082	65.379 ug/ml
22) T n-Tetracontane (C40)	22.353	8021361	67.425 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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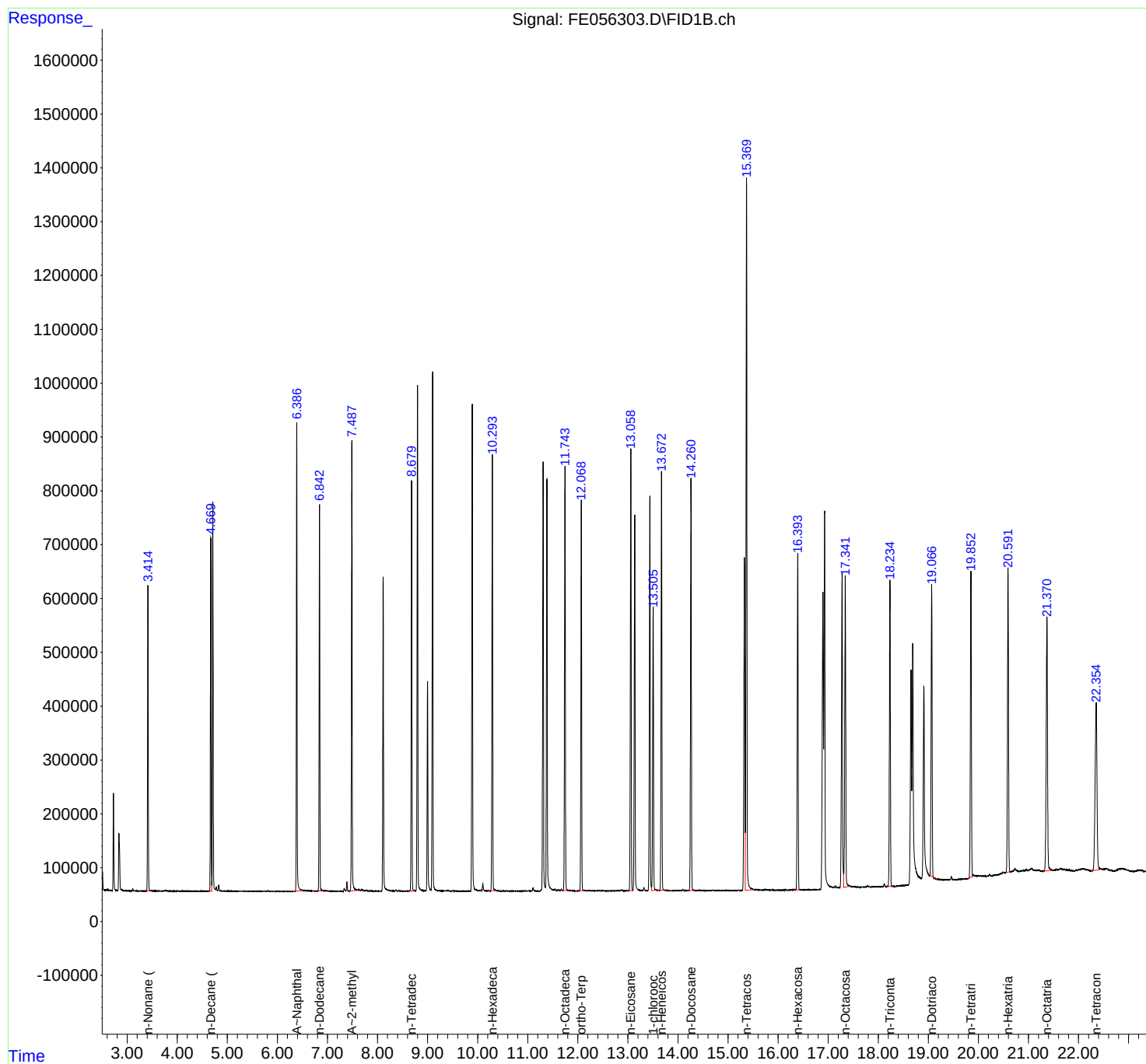
Instrument :
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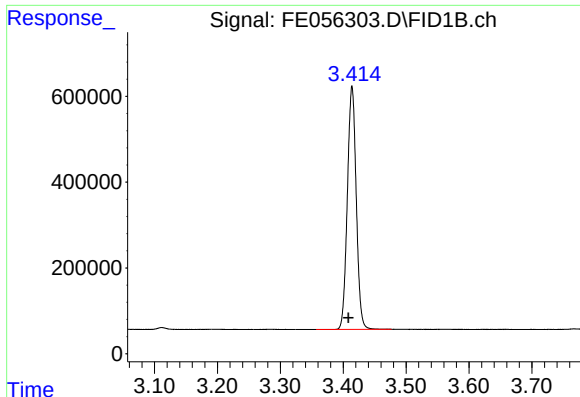
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#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: 0.006 min
Response: 5560014
Conc: 40.59 ug/ml

Instrument :

FID_E

ClientSampleId :

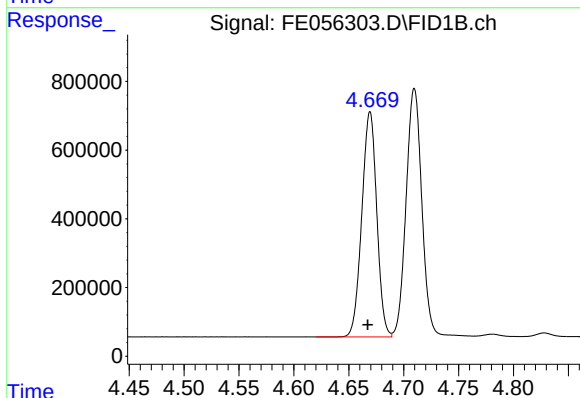
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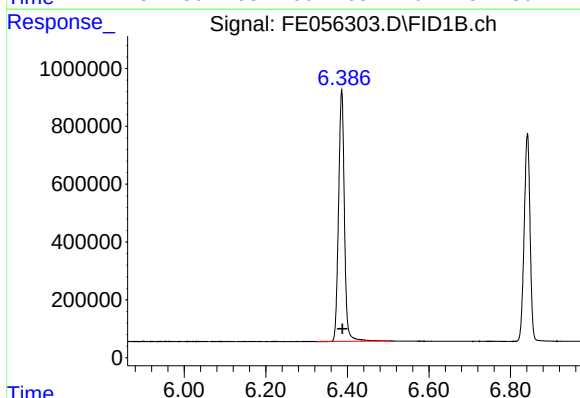
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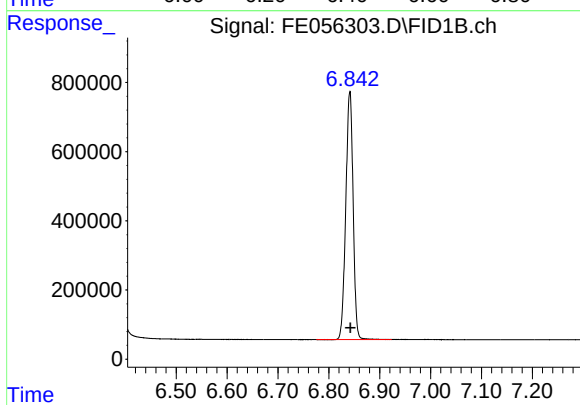
#2 n-Decane (C10)

R.T.: 4.669 min
Delta R.T.: 0.002 min
Response: 6208747
Conc: 44.49 ug/ml



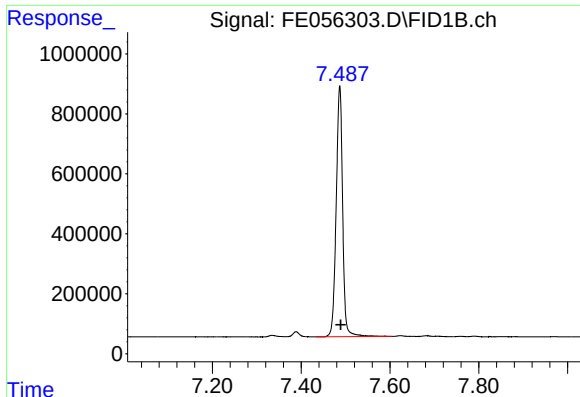
#3 A~Naphthalene (C11.7)

R.T.: 6.386 min
Delta R.T.: -0.002 min
Response: 8652135
Conc: 54.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.841 min
Delta R.T.: -0.002 min
Response: 7171418
Conc: 49.97 ug/ml



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

R.T.: 7.487 min
Delta R.T.: -0.002 min
Response: 8455174
Conc: 54.37 ug/ml

Instrument :

FID_E

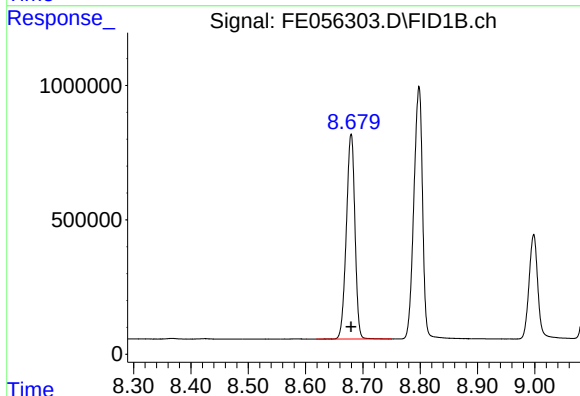
ClientSampleId :

PB170068BS

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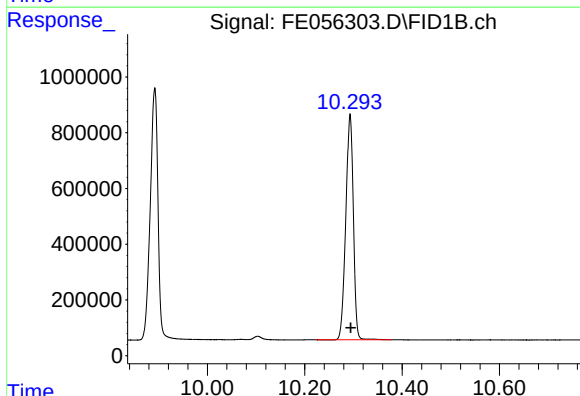
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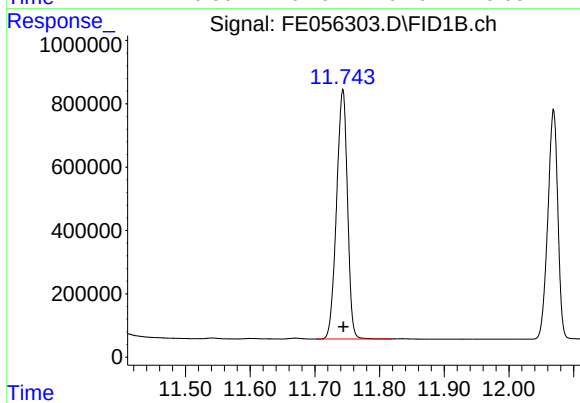
#6 n-Tetradecane (C14)

R.T.: 8.679 min
Delta R.T.: 0.000 min
Response: 7940944
Conc: 53.71 ug/ml



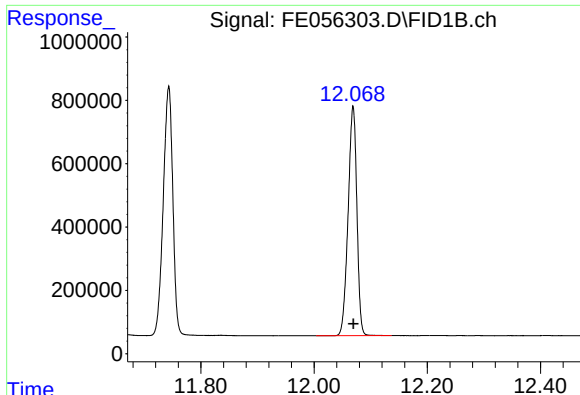
#7 n-Hexadecane (C16)

R.T.: 10.293 min
Delta R.T.: -0.001 min
Response: 8723045
Conc: 54.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.743 min
Delta R.T.: -0.001 min
Response: 9238435
Conc: 54.54 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.069 min
Delta R.T.: 0.000 min
Response: 7792682
Conc: 41.53 ug/ml

Instrument :

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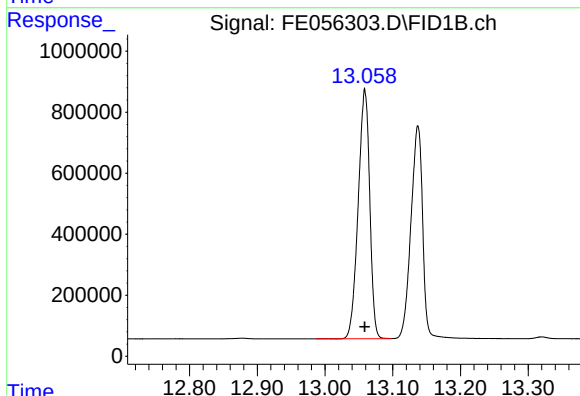
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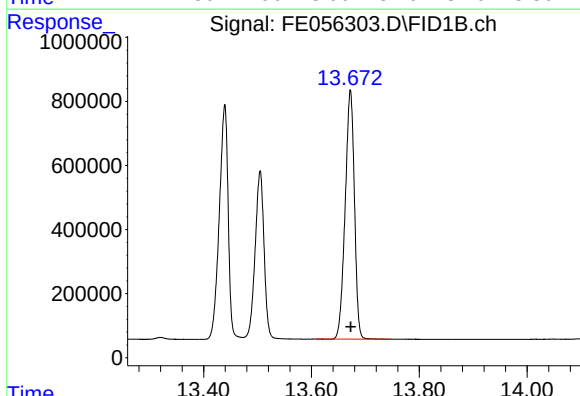
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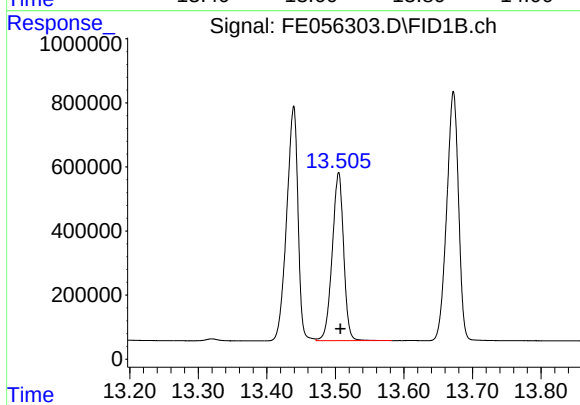
#10 n-Eicosane (C20)

R.T.: 13.059 min
Delta R.T.: 0.000 min
Response: 9657829
Conc: 58.26 ug/ml



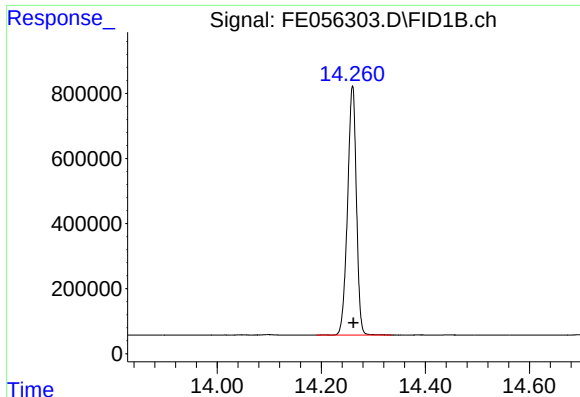
#11 n-Heneicosane (C21)

R.T.: 13.672 min
Delta R.T.: 0.000 min
Response: 9265264
Conc: 57.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.505 min
Delta R.T.: -0.003 min
Response: 6075186
Conc: 43.53 ug/ml



#13 n-Docosane (C22)

R.T.: 14.260 min
Delta R.T.: -0.002 min
Response: 9038337
Conc: 56.56 ug/ml

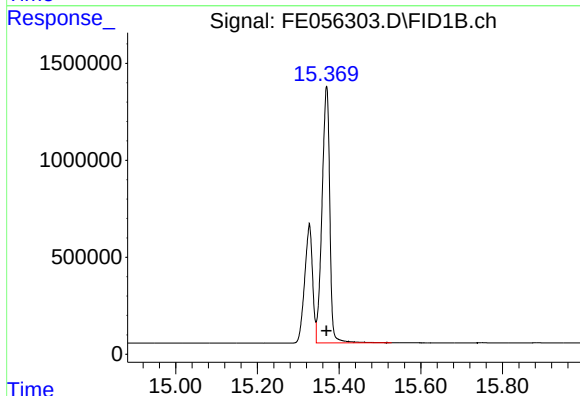
Instrument :

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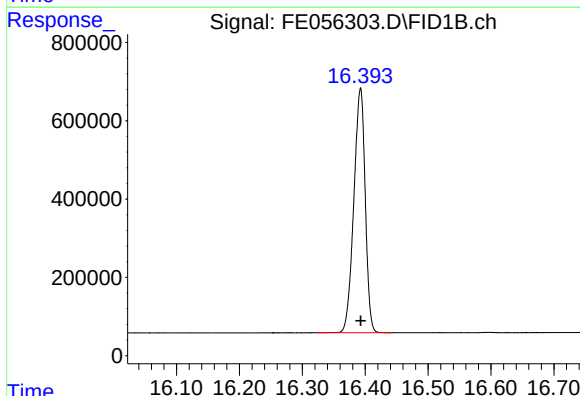
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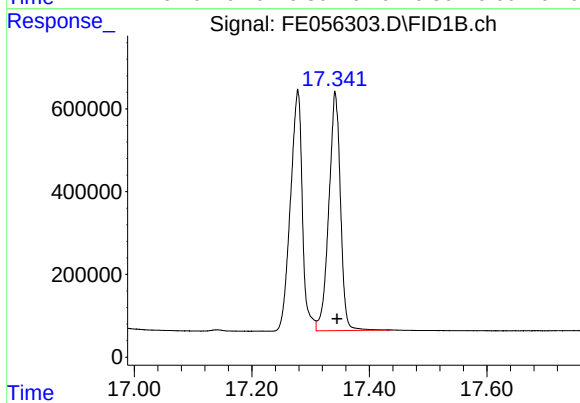
#14 n-Tetracosane (C24)

R.T.: 15.369 min
Delta R.T.: 0.000 min
Response: 17445212
Conc: 114.48 ug/ml



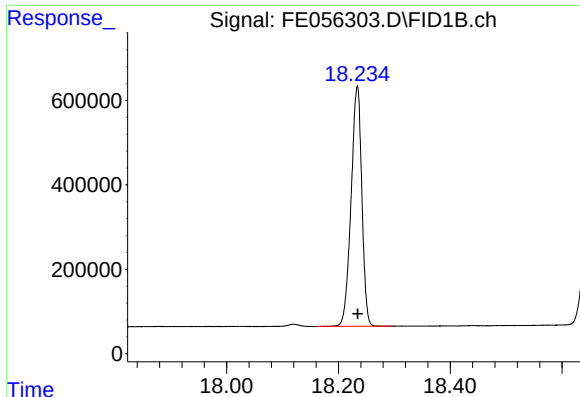
#15 n-Hexacosane (C26)

R.T.: 16.392 min
Delta R.T.: 0.000 min
Response: 7862436
Conc: 55.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.341 min
Delta R.T.: -0.004 min
Response: 7942264
Conc: 57.01 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.233 min
Delta R.T.: -0.001 min
Response: 7584730
Conc: 51.19 ug/ml

Instrument :

FID_E

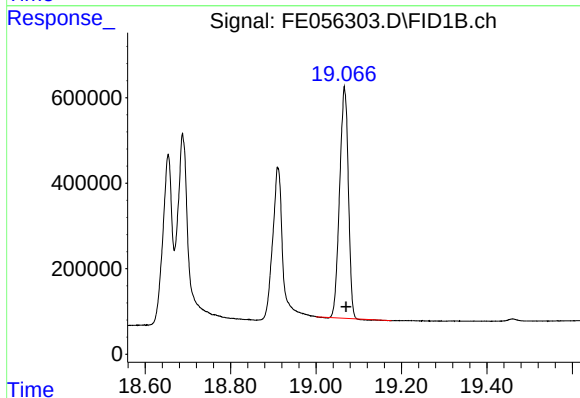
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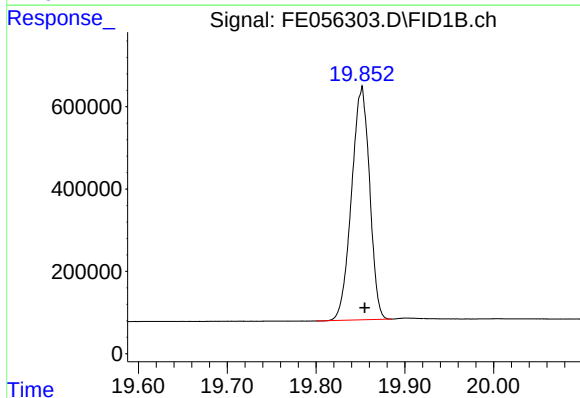
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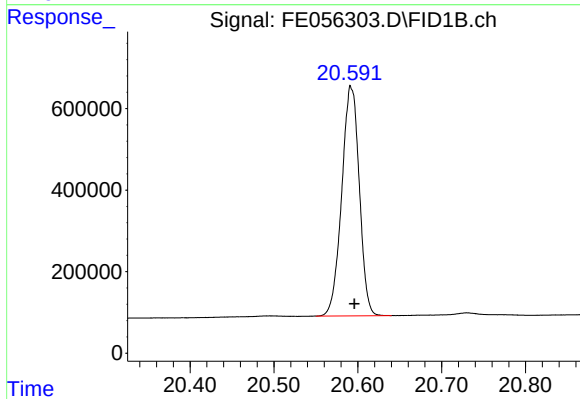
#18 n-Dotriacontane (C32)

R.T.: 19.067 min
Delta R.T.: -0.004 min
Response: 7633605
Conc: 51.16 ug/ml



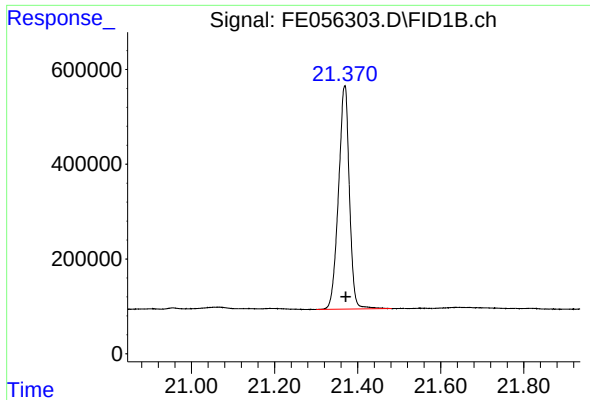
#19 n-Tetratriacontane (C34)

R.T.: 19.851 min
Delta R.T.: -0.004 min
Response: 7994041
Conc: 56.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.592 min
Delta R.T.: -0.004 min
Response: 8195256
Conc: 63.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.369 min
Delta R.T.: -0.003 min
Response: 8587082
Conc: 65.38 ug/ml

Instrument :

FID_E

ClientSampleId :

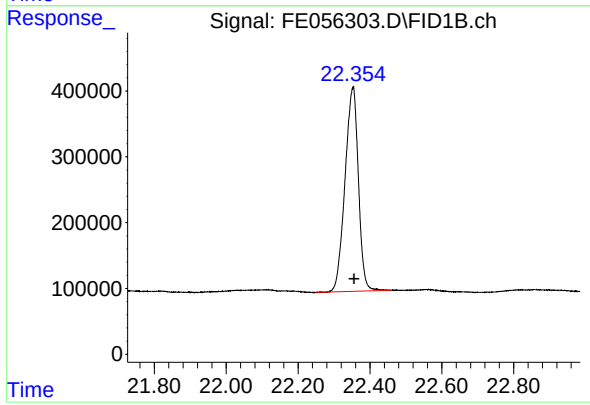
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#22 n-Tetracontane (C40)

R.T.: 22.353 min
Delta R.T.: -0.004 min
Response: 8021361
Conc: 67.42 ug/ml