

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101525AL\
 Data File : FE056327.D
 Signal(s) : FID1B.ch
 Acq On : 15 Oct 2025 14:18
 Operator : YP\AJ
 Sample : PB170109BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170109BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2025
 Supervised By :mohammad ahmed 10/17/2025

Integration File: sample.E
 Quant Time: Oct 16 01:54:55 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)	12.065	6846646	36.486 ug/ml
Spiked Amount 50.000		Recovery =	72.97%
12) S 1-chlorooctadecane (S...	13.501	5170199	37.045 ug/ml
Spiked Amount 50.000		Recovery =	74.09%
Target Compounds			
1) T n-Nonane (C9)	3.410	4742540	34.619 ug/ml
2) T n-Decane (C10)	4.666	5358860	38.397 ug/ml
3) T A~Naphthalene (C11.7)	6.383	7315952	45.821 ug/ml
4) T n-Dodecane (C12)	6.838	6272718	43.704 ug/ml
5) T A~2-methylnaphthalene...	7.483	7158879	46.032 ug/ml
6) T n-Tetradecane (C14)	8.676	6926736	46.851 ug/ml
7) T n-Hexadecane (C16)	10.289	7552097	47.525 ug/ml
8) T n-Octadecane (C18)	11.739	7918650	46.750 ug/ml
10) T n-Eicosane (C20)	13.054	8199973	49.467 ug/ml
11) T n-Heneicosane (C21)	13.668	7834450	48.215 ug/ml
13) T n-Docosane (C22)	14.256	7620916	47.693 ug/ml
14) T n-Tetracosane (C24)	15.363	14462309	94.909 ug/ml
15) T n-Hexacosane (C26)	16.387	6777378	47.517 ug/ml
16) T n-Octacosane (C28)	17.337	7001039	50.257 ug/mlm
17) T n-Tricontane (C30)	18.229	6778848	45.747 ug/ml
18) T n-Dotriacontane (C32)	19.063	6991745	46.862 ug/ml
19) T n-Tetratriacontane (C34)	19.848	7145288	50.514 ug/ml
20) T n-Hexatriacontane (C36)	20.590	6920275	53.908 ug/ml
21) T n-Octatriacontane (C38)	21.363	6571453	50.033 ug/ml
22) T n-Tetracontane (C40)	22.341	5322176	44.736 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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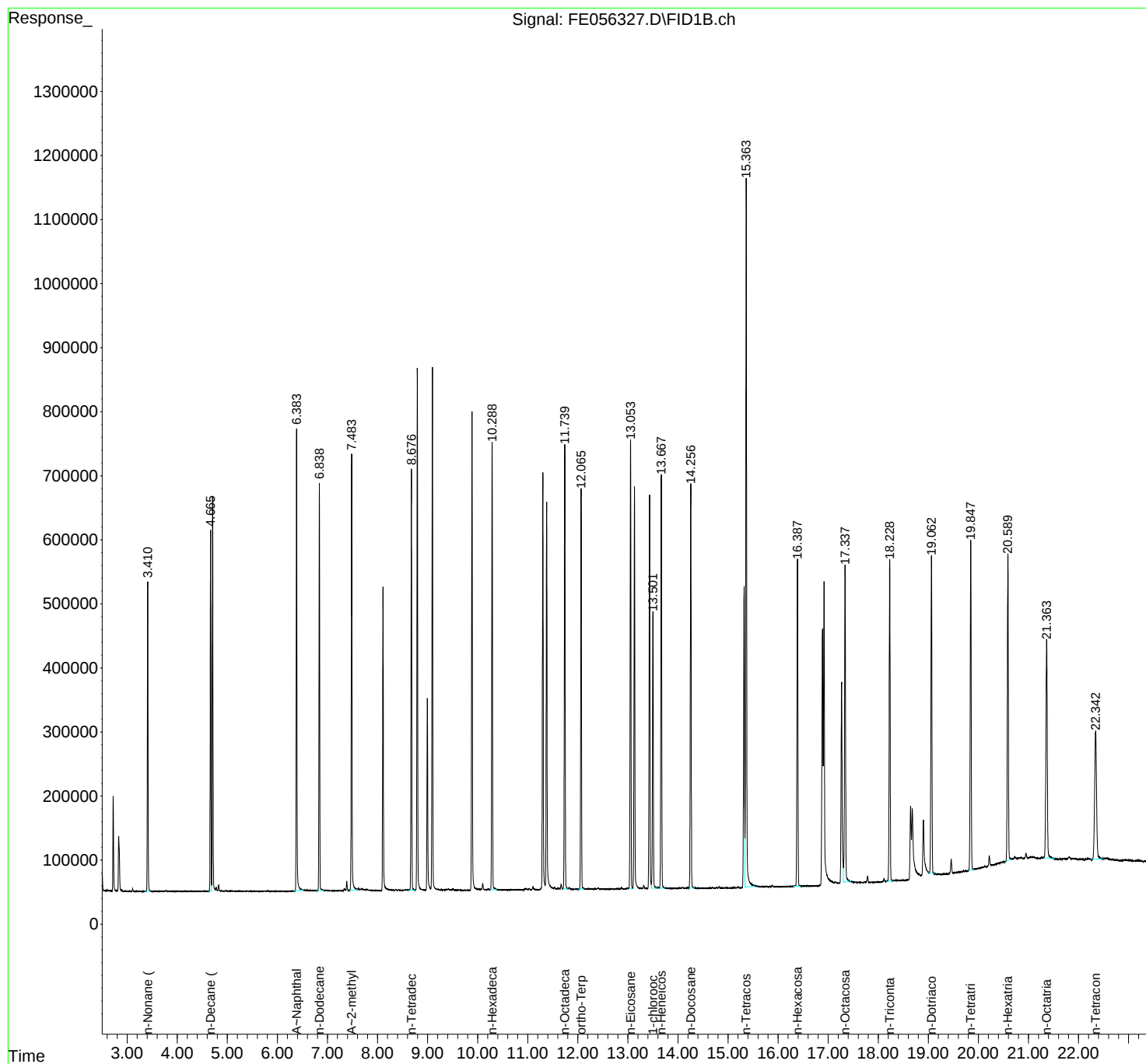
Instrument :
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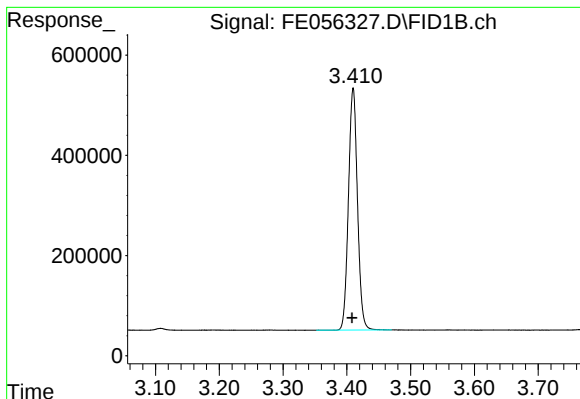
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#1 n-Nonane (C9)

R.T.: 3.410 min
Delta R.T.: 0.002 min
Response: 4742540
Conc: 34.62 ug/ml

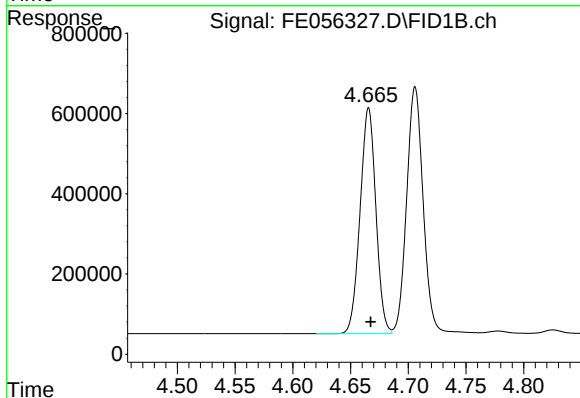
Instrument :

FID_E

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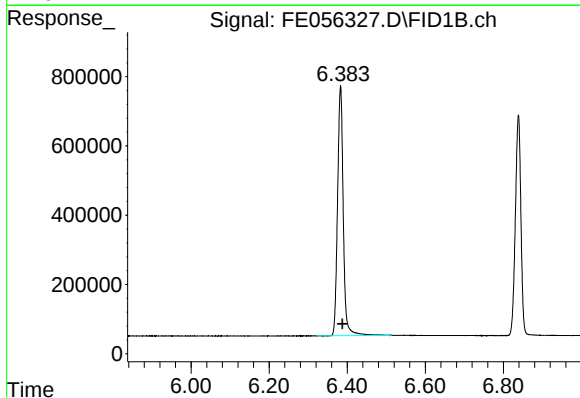
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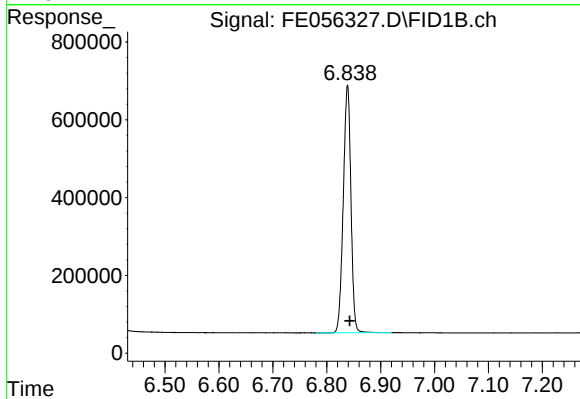
#2 n-Decane (C10)

R.T.: 4.666 min
Delta R.T.: -0.002 min
Response: 5358860
Conc: 38.40 ug/ml



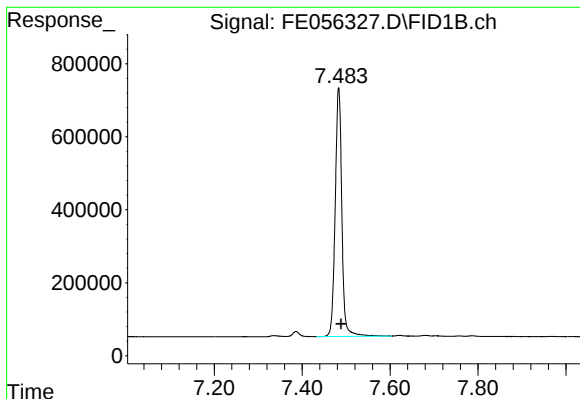
#3 A~Naphthalene (C11.7)

R.T.: 6.383 min
Delta R.T.: -0.005 min
Response: 7315952
Conc: 45.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.838 min
Delta R.T.: -0.004 min
Response: 6272718
Conc: 43.70 ug/ml



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

R.T.: 7.483 min
Delta R.T.: -0.006 min
Response: 7158879
Conc: 46.03 ug/ml

Instrument :

FID_E

ClientSampleId :

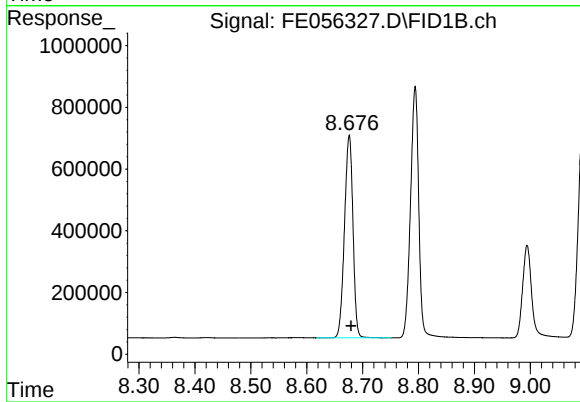
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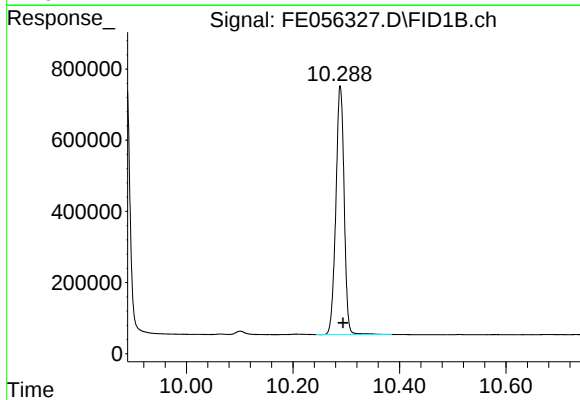
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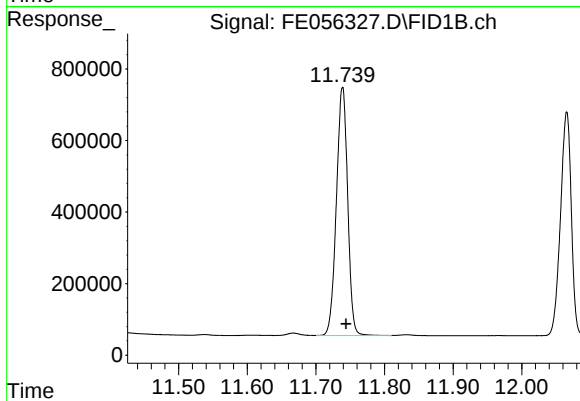
#6 n-Tetradecane (C14)

R.T.: 8.676 min
Delta R.T.: -0.003 min
Response: 6926736
Conc: 46.85 ug/ml



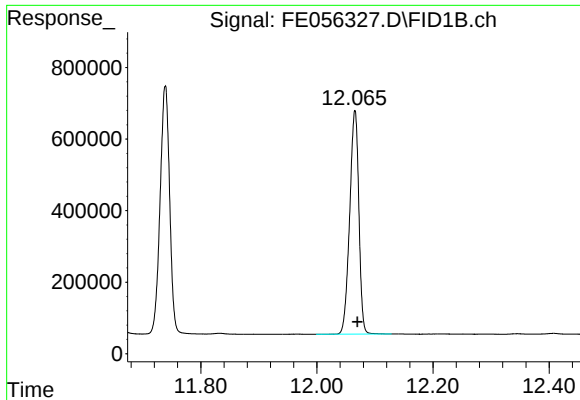
#7 n-Hexadecane (C16)

R.T.: 10.289 min
Delta R.T.: -0.005 min
Response: 7552097
Conc: 47.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.739 min
Delta R.T.: -0.005 min
Response: 7918650
Conc: 46.75 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.065 min
Delta R.T.: -0.004 min
Response: 6846646
Conc: 36.49 ug/ml

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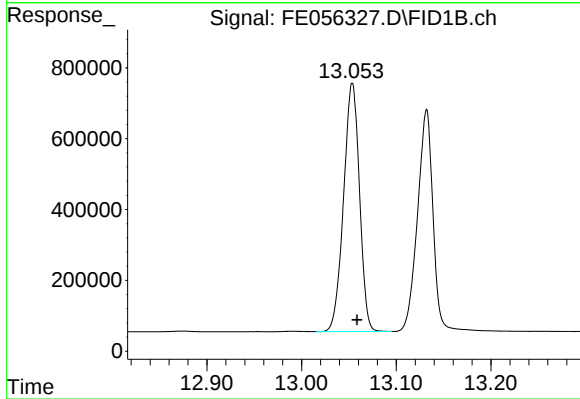
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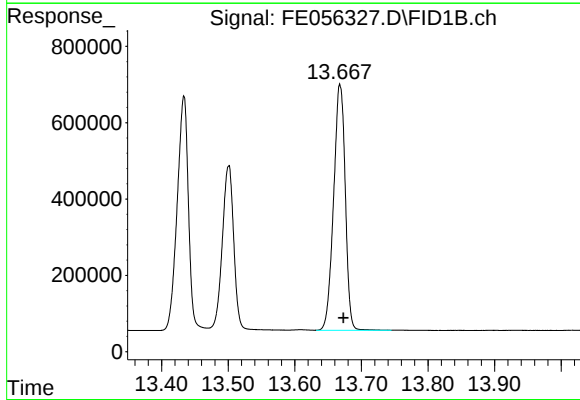
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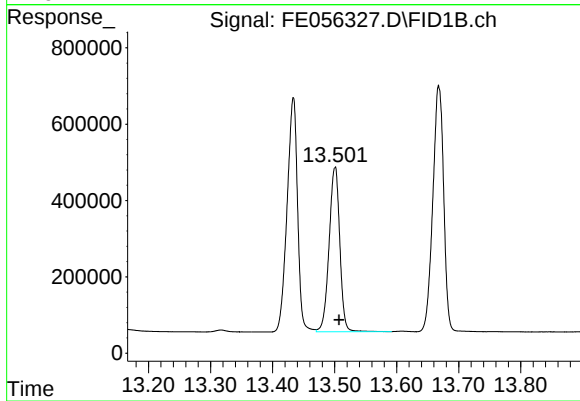
#10 n-Eicosane (C20)

R.T.: 13.054 min
Delta R.T.: -0.005 min
Response: 8199973
Conc: 49.47 ug/ml



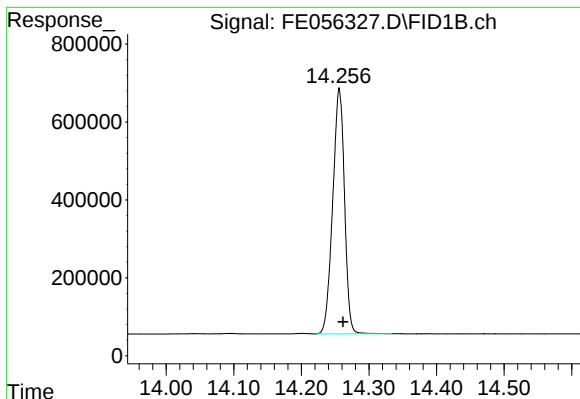
#11 n-Heneicosane (C21)

R.T.: 13.668 min
Delta R.T.: -0.005 min
Response: 7834450
Conc: 48.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.501 min
Delta R.T.: -0.007 min
Response: 5170199
Conc: 37.05 ug/ml



#13 n-Docosane (C22)

R.T.: 14.256 min
Delta R.T.: -0.005 min
Response: 7620916
Conc: 47.69 ug/ml

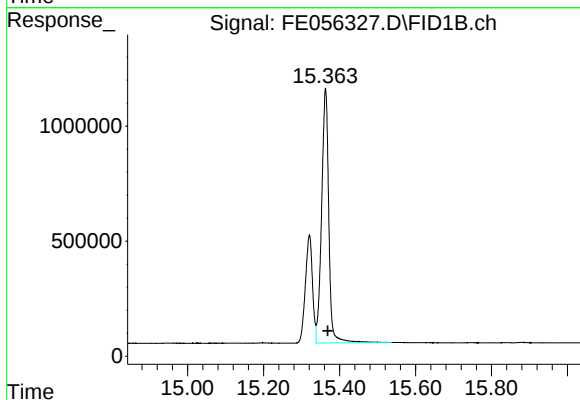
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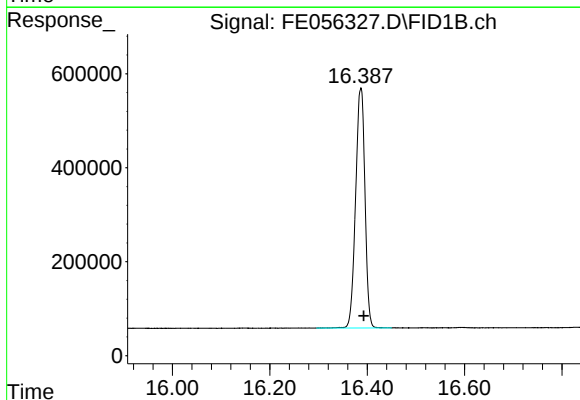
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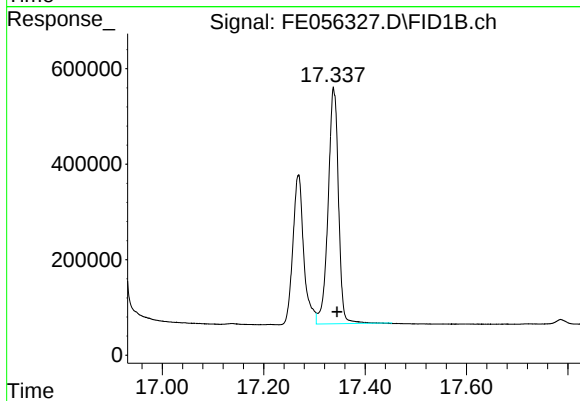
#14 n-Tetracosane (C24)

R.T.: 15.363 min
Delta R.T.: -0.006 min
Response: 14462309
Conc: 94.91 ug/ml



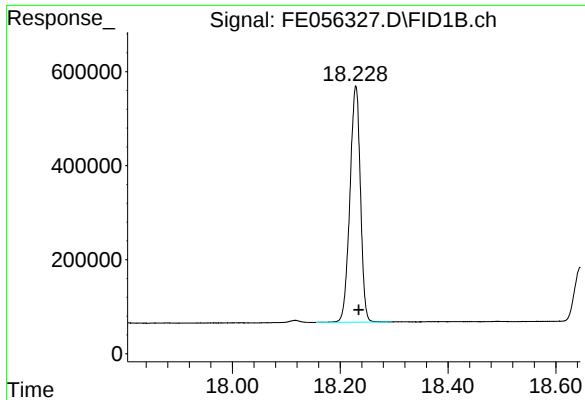
#15 n-Hexacosane (C26)

R.T.: 16.387 min
Delta R.T.: -0.006 min
Response: 6777378
Conc: 47.52 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.337 min
Delta R.T.: -0.008 min
Response: 7001039
Conc: 50.26 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.229 min
Delta R.T.: -0.006 min
Response: 6778848
Conc: 45.75 ug/ml

Instrument :

FID_E

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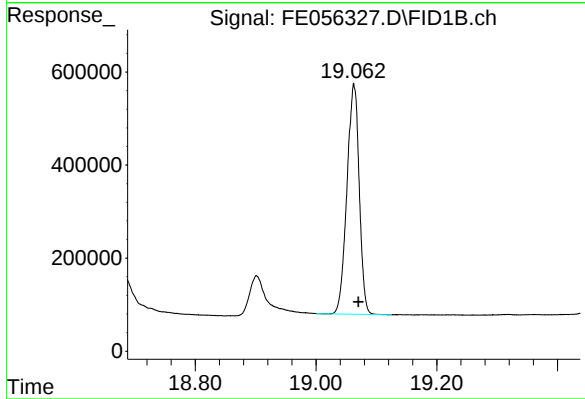
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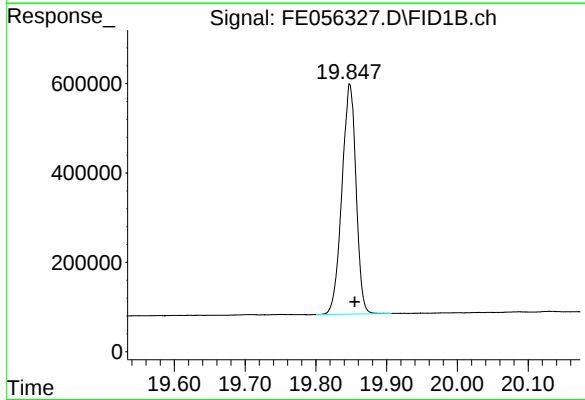
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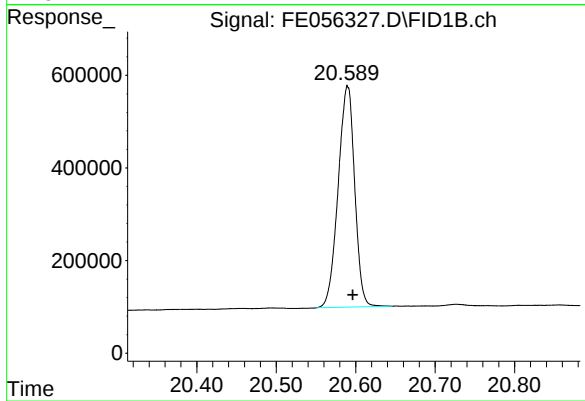
#18 n-Dotriacontane (C32)

R.T.: 19.063 min
Delta R.T.: -0.007 min
Response: 6991745
Conc: 46.86 ug/ml



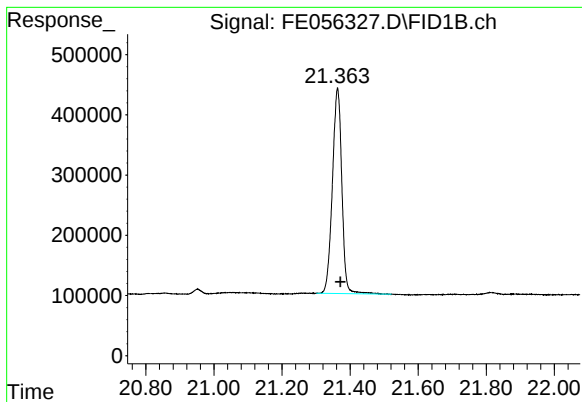
#19 n-Tetratriacontane (C34)

R.T.: 19.848 min
Delta R.T.: -0.007 min
Response: 7145288
Conc: 50.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.590 min
Delta R.T.: -0.006 min
Response: 6920275
Conc: 53.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.363 min
Delta R.T.: -0.009 min
Response: 6571453
Conc: 50.03 ug/ml

Instrument :

FID_E

ClientSampleId :

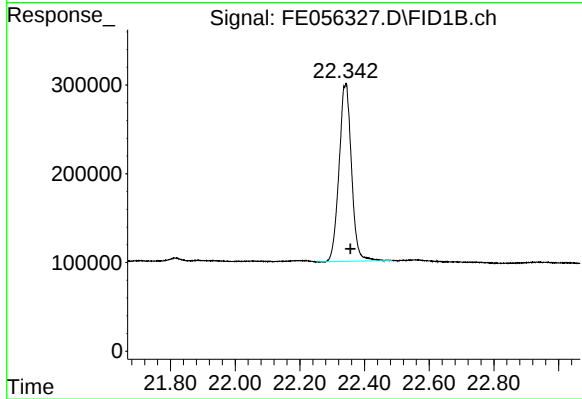
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#22 n-Tetracontane (C40)

R.T.: 22.341 min
Delta R.T.: -0.015 min
Response: 5322176
Conc: 44.74 ug/ml