

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101525AL\
 Data File : FE056328.D
 Signal(s) : FID1B.ch
 Acq On : 15 Oct 2025 14:48
 Operator : YP\AJ
 Sample : PB170109BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170109BSD

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 01:58:40 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)	12.064	6292615	33.533 ug/ml
Spiked Amount 50.000		Recovery =	67.07%
12) S 1-chlorooctadecane (S...	13.500	4746099	34.006 ug/ml
Spiked Amount 50.000		Recovery =	68.01%
Target Compounds			
1) T n-Nonane (C9)	3.410	4345143	31.718 ug/ml
2) T n-Decane (C10)	4.666	4896866	35.087 ug/ml
3) T A~Naphthalene (C11.7)	6.383	6709605	42.023 ug/ml
4) T n-Dodecane (C12)	6.838	5687903	39.629 ug/ml
5) T A~2-methylnaphthalene...	7.483	6580704	42.315 ug/ml
6) T n-Tetradecane (C14)	8.675	6267740	42.394 ug/ml
7) T n-Hexadecane (C16)	10.289	6869581	43.230 ug/ml
8) T n-Octadecane (C18)	11.739	7241078	42.750 ug/ml
10) T n-Eicosane (C20)	13.054	7536881	45.467 ug/ml
11) T n-Heneicosane (C21)	13.667	7210191	44.373 ug/ml
13) T n-Docosane (C22)	14.255	7028522	43.986 ug/ml
14) T n-Tetracosane (C24)	15.362	13673605	89.733 ug/ml
15) T n-Hexacosane (C26)	16.386	6264877	43.924 ug/ml
16) T n-Octacosane (C28)	17.338	6551026	47.026 ug/mlm
17) T n-Tricontane (C30)	18.228	6437997	43.447 ug/ml
18) T n-Dotriacontane (C32)	19.062	6716064	45.014 ug/ml
19) T n-Tetratriacontane (C34)	19.847	6864997	48.533 ug/ml
20) T n-Hexatriacontane (C36)	20.589	6659355	51.876 ug/ml
21) T n-Octatriacontane (C38)	21.362	6383141	48.599 ug/ml
22) T n-Tetracontane (C40)	22.340	5634973	47.366 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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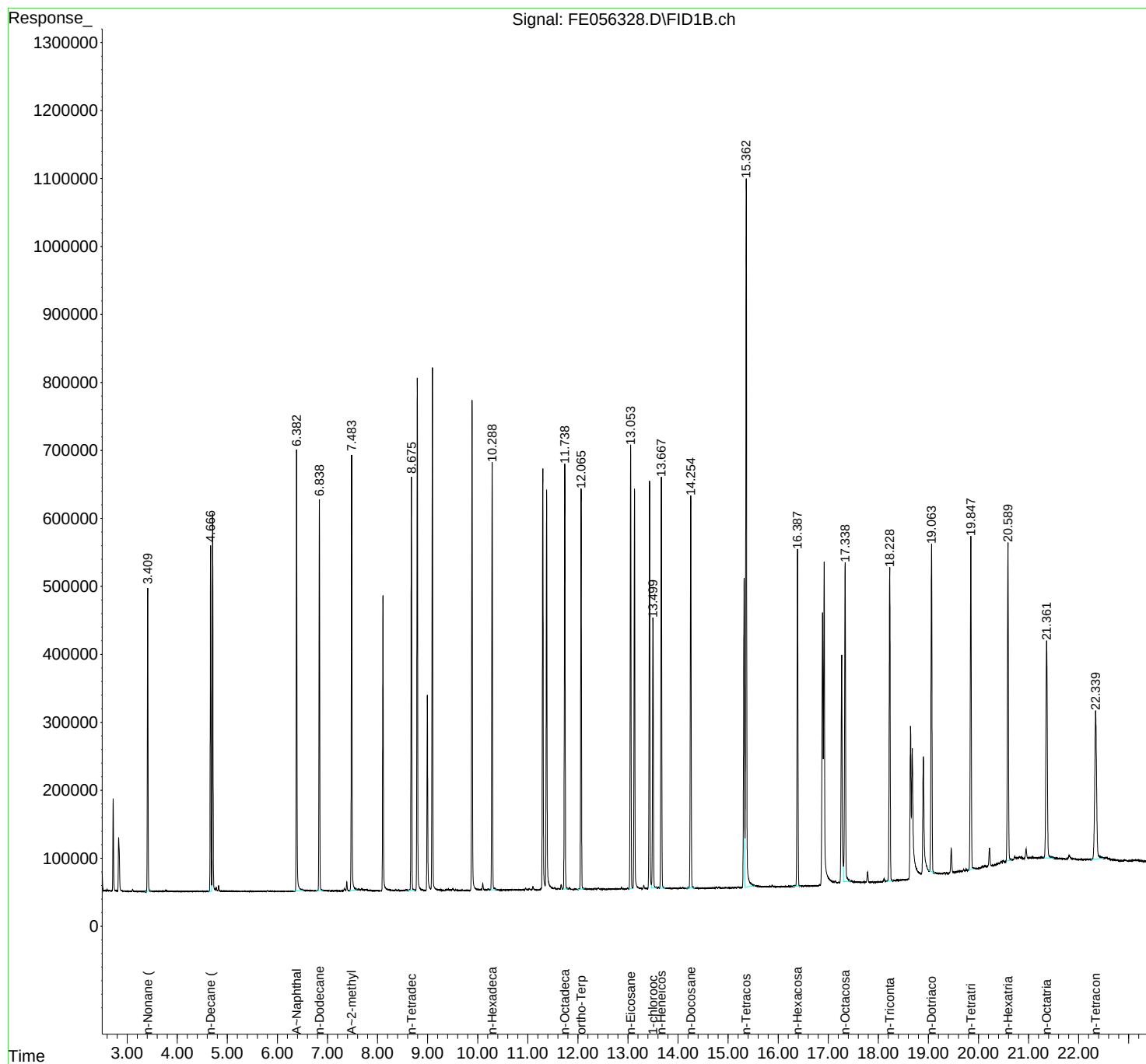
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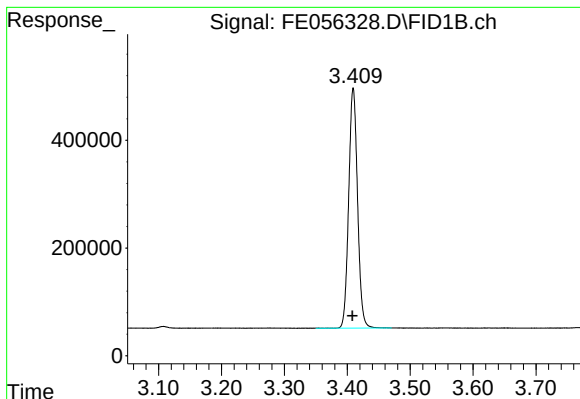
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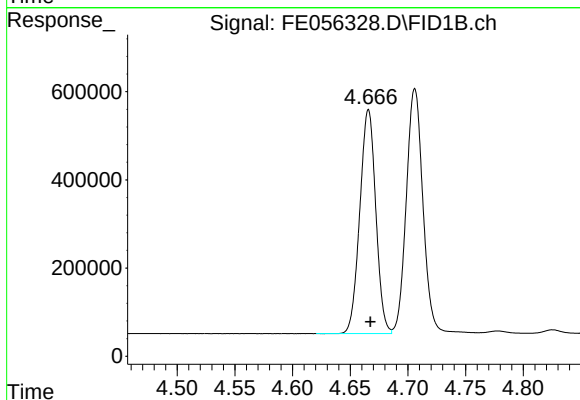
#1 n-Nonane (C9)

R.T.: 3.410 min
Delta R.T.: 0.002 min
Response: 4345143
Conc: 31.72 ug/ml

Instrument :
FID_E
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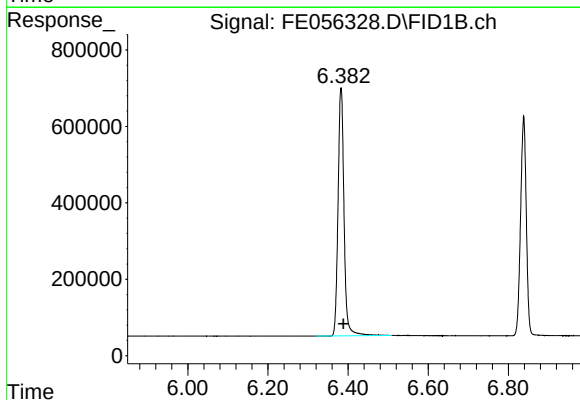
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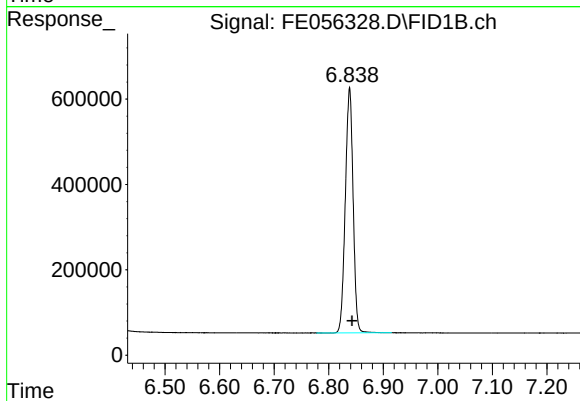
#2 n-Decane (C10)

R.T.: 4.666 min
Delta R.T.: -0.002 min
Response: 4896866
Conc: 35.09 ug/ml



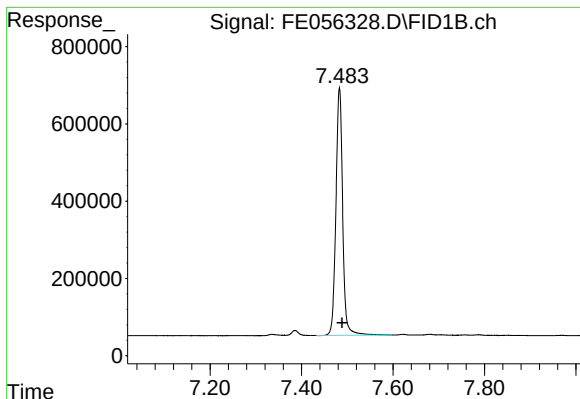
#3 A~Naphthalene (C11.7)

R.T.: 6.383 min
Delta R.T.: -0.006 min
Response: 6709605
Conc: 42.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.838 min
Delta R.T.: -0.005 min
Response: 5687903
Conc: 39.63 ug/ml



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

R.T.: 7.483 min
Delta R.T.: -0.006 min
Response: 6580704
Conc: 42.31 ug/ml

Instrument :

FID_E

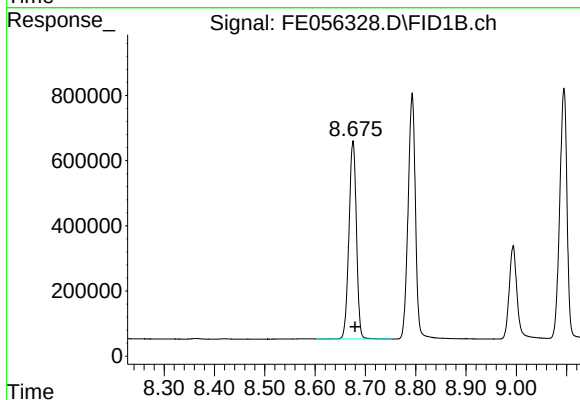
ClientSampleId :

PB170109BSD

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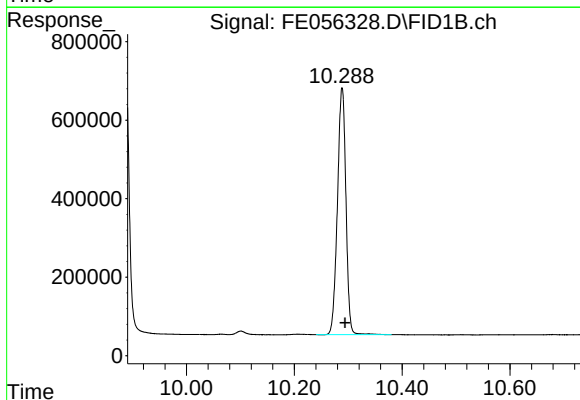
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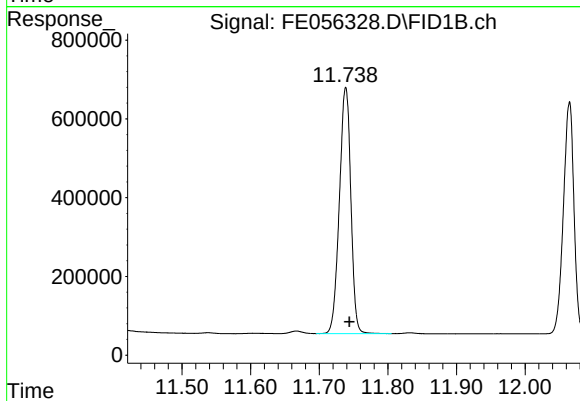
#6 n-Tetradecane (C14)

R.T.: 8.675 min
Delta R.T.: -0.004 min
Response: 6267740
Conc: 42.39 ug/ml



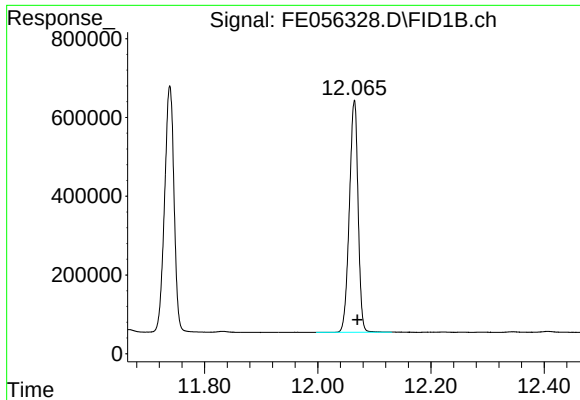
#7 n-Hexadecane (C16)

R.T.: 10.289 min
Delta R.T.: -0.006 min
Response: 6869581
Conc: 43.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.739 min
Delta R.T.: -0.005 min
Response: 7241078
Conc: 42.75 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.064 min
Delta R.T.: -0.005 min
Response: 6292615
Conc: 33.53 ug/ml

Instrument :

FID_E

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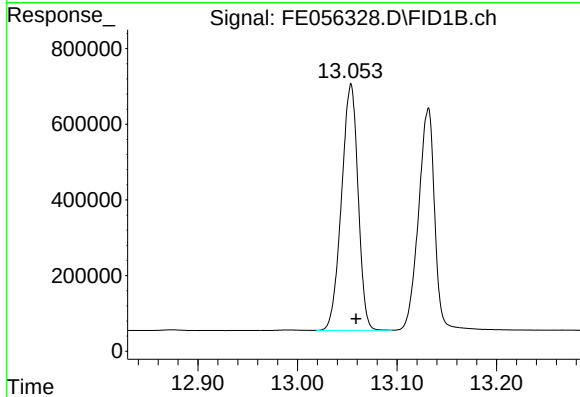
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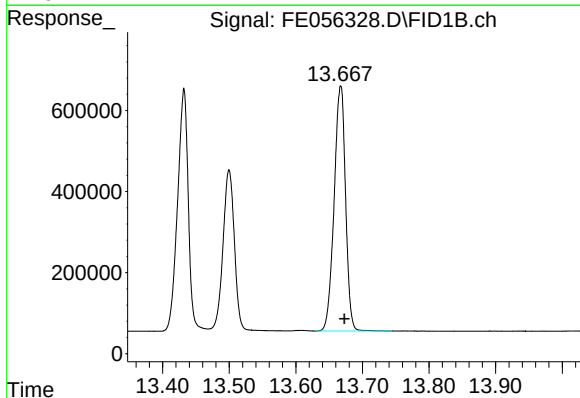
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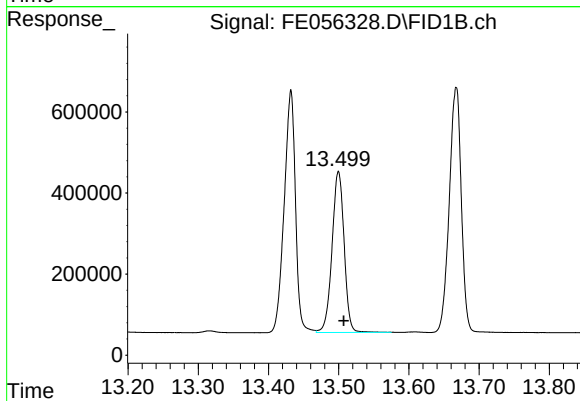
#10 n-Eicosane (C20)

R.T.: 13.054 min
Delta R.T.: -0.005 min
Response: 7536881
Conc: 45.47 ug/ml



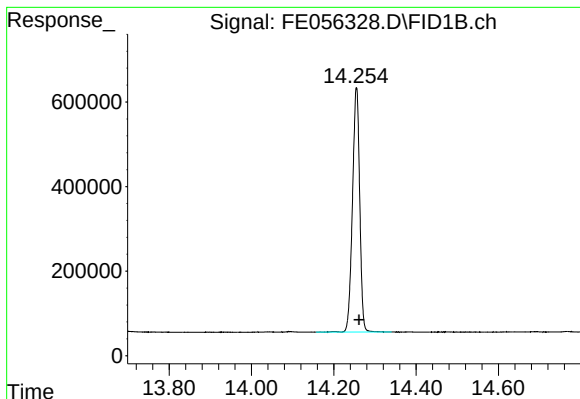
#11 n-Heneicosane (C21)

R.T.: 13.667 min
Delta R.T.: -0.006 min
Response: 7210191
Conc: 44.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.500 min
Delta R.T.: -0.008 min
Response: 4746099
Conc: 34.01 ug/ml



#13 n-Docosane (C22)

R.T.: 14.255 min
Delta R.T.: -0.007 min
Response: 7028522
Conc: 43.99 ug/ml

Instrument :

FID_E

ClientSampleId :

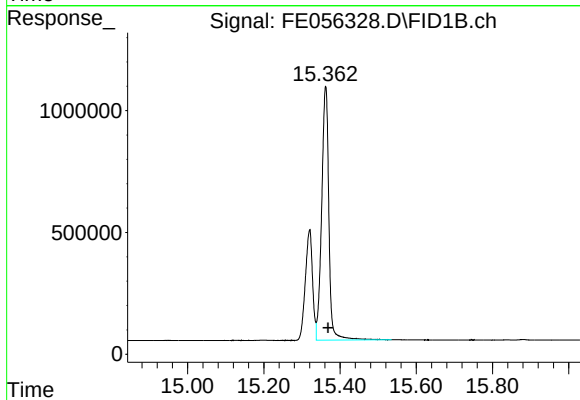
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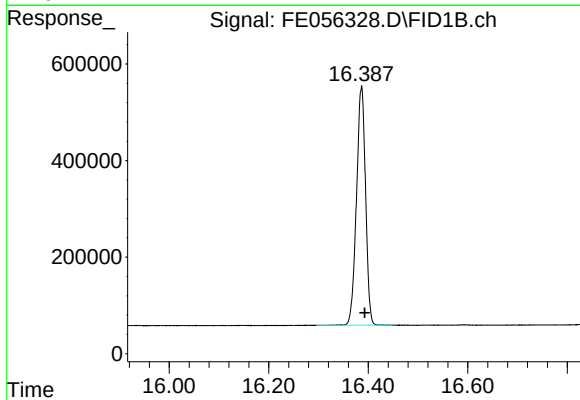
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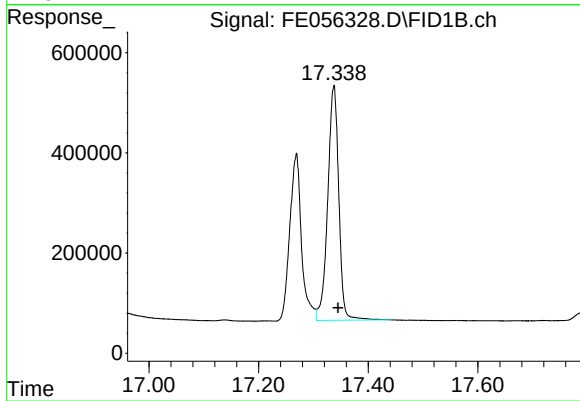
#14 n-Tetracosane (C24)

R.T.: 15.362 min
Delta R.T.: -0.007 min
Response: 13673605
Conc: 89.73 ug/ml



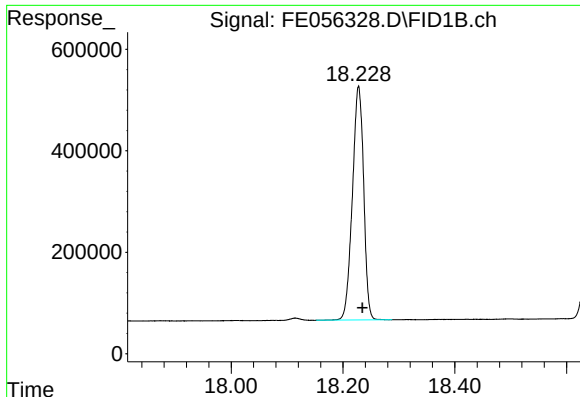
#15 n-Hexacosane (C26)

R.T.: 16.386 min
Delta R.T.: -0.006 min
Response: 6264877
Conc: 43.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.338 min
Delta R.T.: -0.007 min
Response: 6551026
Conc: 47.03 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.228 min
Delta R.T.: -0.007 min
Response: 6437997
Conc: 43.45 ug/ml

Instrument :

FID_E

ClientSampleId :

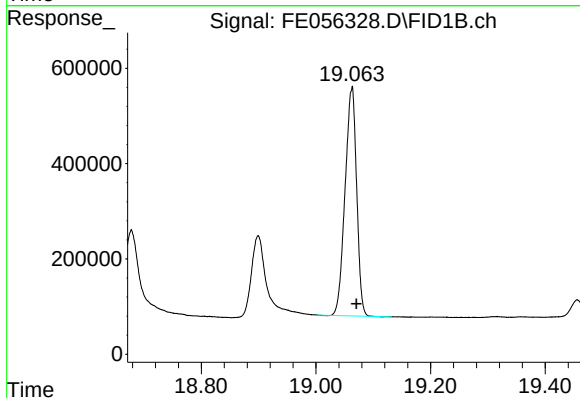
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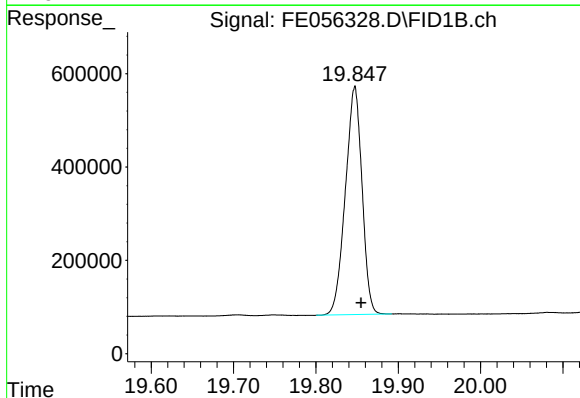
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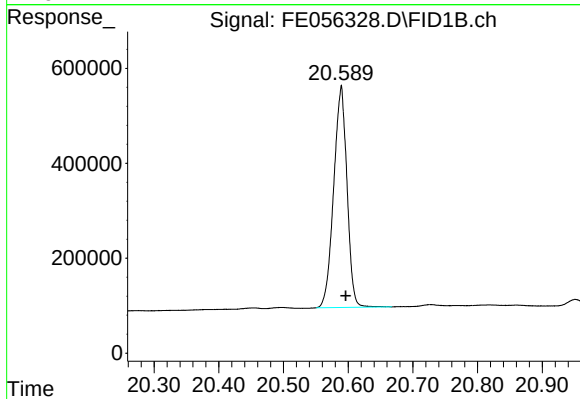
#18 n-Dotriacontane (C32)

R.T.: 19.062 min
Delta R.T.: -0.008 min
Response: 6716064
Conc: 45.01 ug/ml



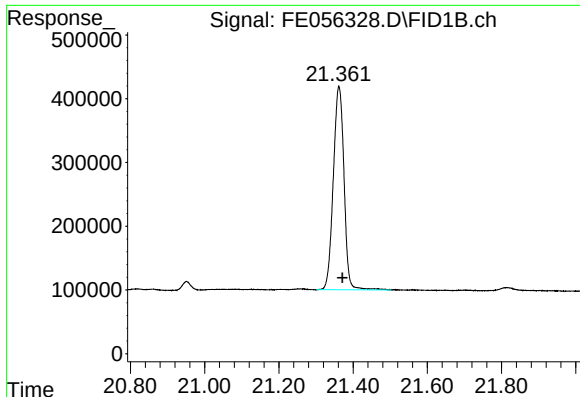
#19 n-Tetratriacontane (C34)

R.T.: 19.847 min
Delta R.T.: -0.008 min
Response: 6864997
Conc: 48.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.589 min
Delta R.T.: -0.007 min
Response: 6659355
Conc: 51.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.362 min
Delta R.T.: -0.010 min
Response: 6383141
Conc: 48.60 ug/ml

Instrument :

FID_E

ClientSampleId :

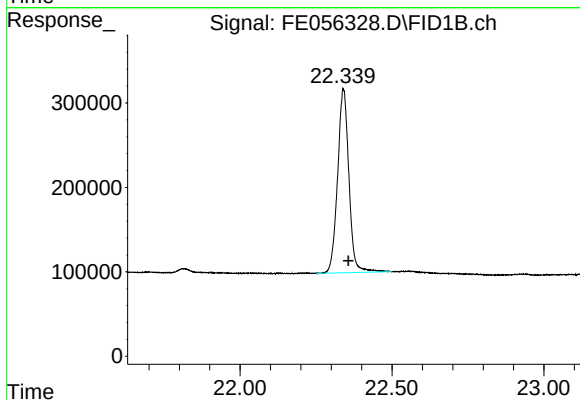
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#22 n-Tetracontane (C40)

R.T.: 22.340 min
Delta R.T.: -0.017 min
Response: 5634973
Conc: 47.37 ug/ml