

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100825AL\
 Data File : FE056247.D
 Signal(s) : FID1B.ch
 Acq On : 08 Oct 2025 14:42
 Operator : YP\AJ
 Sample : PB170021BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170021BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/09/2025
 Supervised By :mohammad ahmed 10/10/2025

Integration File: sample.E
 Quant Time: Oct 09 01:19:08 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)	12.068	6888769	36.710 ug/ml
Spiked Amount 50.000		Recovery =	73.42%
12) S 1-chlorooctadecane (S...	13.503	5351270	38.342 ug/ml
Spiked Amount 50.000		Recovery =	76.68%
Target Compounds			
1) T n-Nonane (C9)	3.415	5168684	37.730 ug/ml
2) T n-Decane (C10)	4.670	5801945	41.572 ug/ml
3) T A~Naphthalene (C11.7)	6.386	7867435	49.275 ug/ml
4) T n-Dodecane (C12)	6.842	6652760	46.351 ug/ml
5) T A~2-methylnaphthalene...	7.486	7628588	49.053 ug/ml
6) T n-Tetradecane (C14)	8.680	7282056	49.255 ug/ml
7) T n-Hexadecane (C16)	10.293	7875690	49.561 ug/ml
8) T n-Octadecane (C18)	11.742	8197617	48.397 ug/ml
10) T n-Eicosane (C20)	13.058	8407805	50.721 ug/ml
11) T n-Heneicosane (C21)	13.671	7968578	49.040 ug/ml
13) T n-Docosane (C22)	14.259	7691369	48.134 ug/ml
14) T n-Tetracosane (C24)	15.366	14790737	97.064 ug/ml
15) T n-Hexacosane (C26)	16.389	6634053	46.512 ug/ml
16) T n-Octacosane (C28)	17.339	6659591	47.806 ug/mlm
17) T n-Tricontane (C30)	18.231	6814460	45.987 ug/ml
18) T n-Dotriacontane (C32)	19.064	7139257	47.851 ug/ml
19) T n-Tetratriacontane (C34)	19.850	7387149	52.224 ug/ml
20) T n-Hexatriacontane (C36)	20.590	7444564	57.993 ug/ml
21) T n-Octatriacontane (C38)	21.365	7612218	57.957 ug/ml
22) T n-Tetracontane (C40)	22.346	7188559	60.425 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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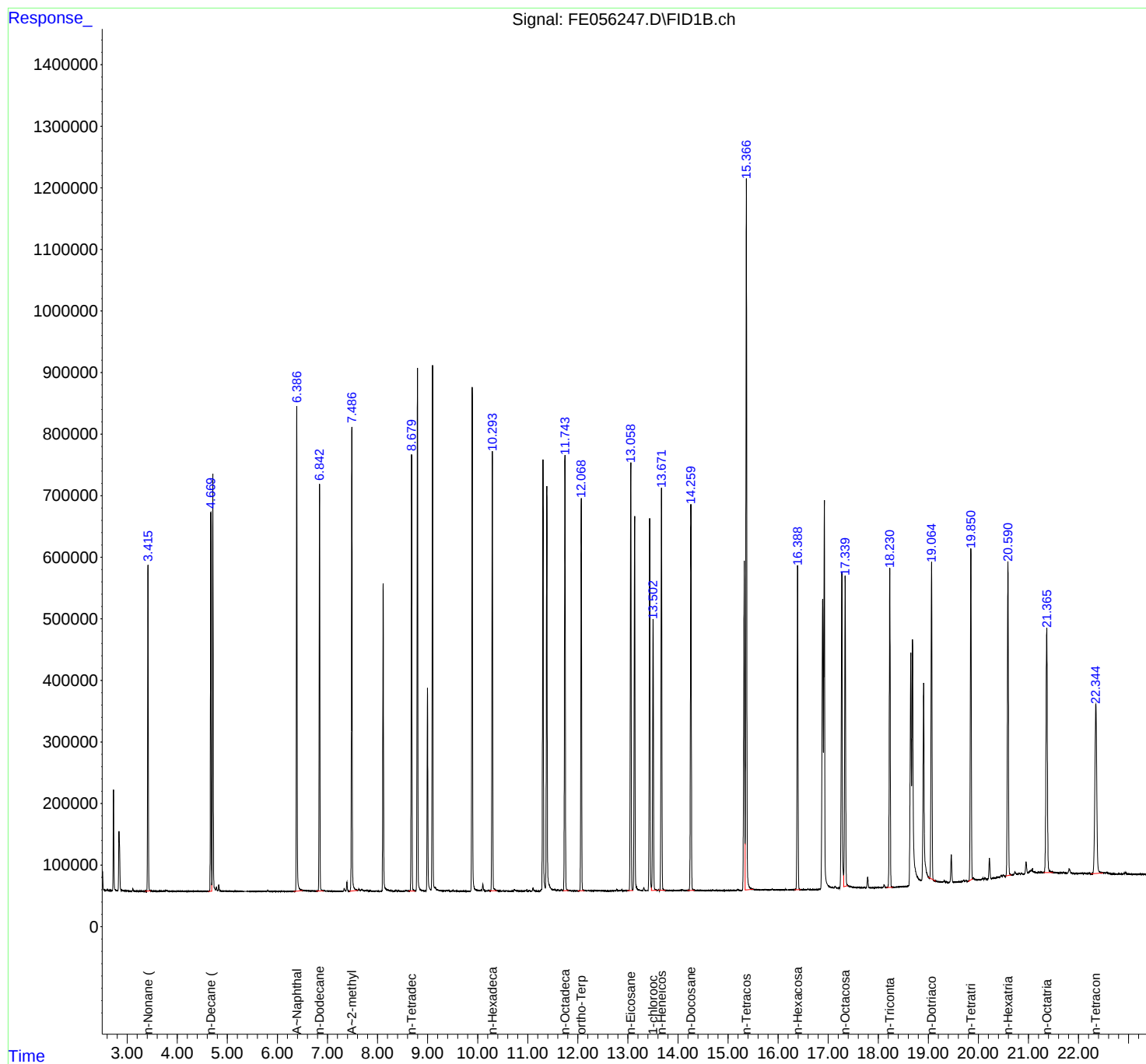
Instrument :
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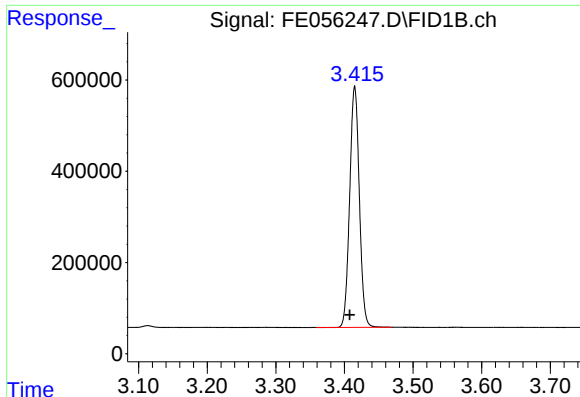
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#1 n-Nonane (C9)

R.T.: 3.415 min
Delta R.T.: 0.007 min
Response: 5168684
Conc: 37.73 ug/ml

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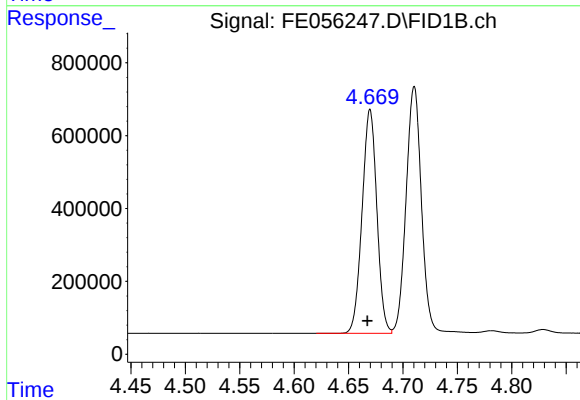
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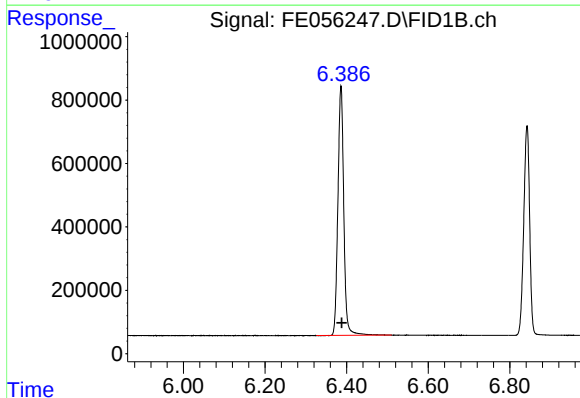
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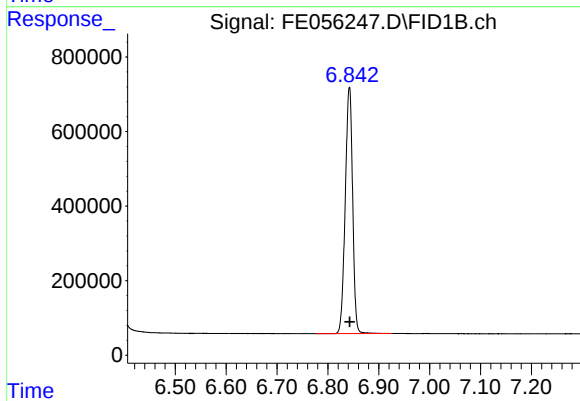
#2 n-Decane (C10)

R.T.: 4.670 min
Delta R.T.: 0.002 min
Response: 5801945
Conc: 41.57 ug/ml



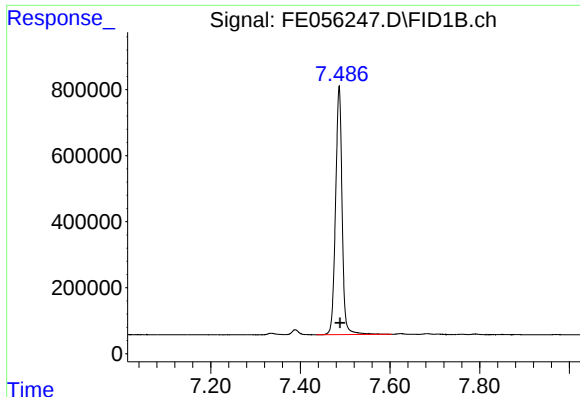
#3 A~Naphthalene (C11.7)

R.T.: 6.386 min
Delta R.T.: -0.002 min
Response: 7867435
Conc: 49.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 6652760
Conc: 46.35 ug/ml



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

R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 7628588
Conc: 49.05 ug/ml

Instrument :

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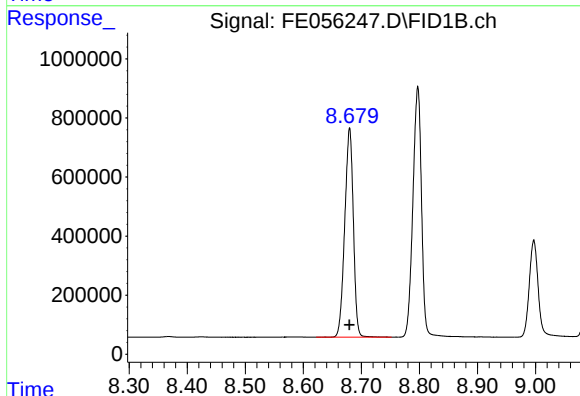
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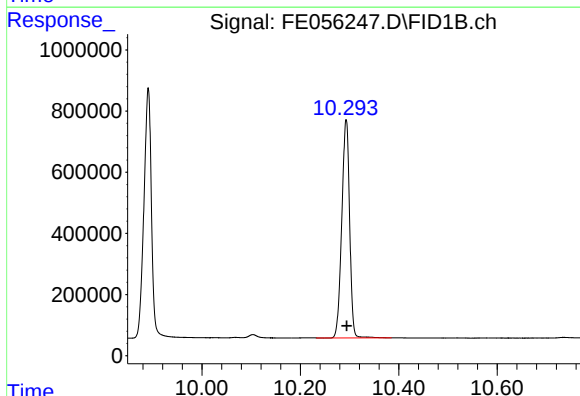
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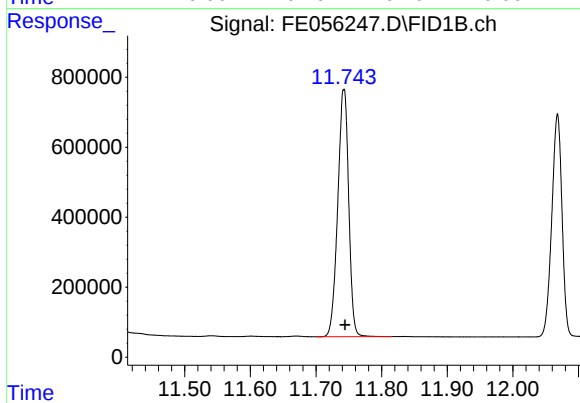
#6 n-Tetradecane (C14)

R.T.: 8.680 min
Delta R.T.: 0.000 min
Response: 7282056
Conc: 49.25 ug/ml



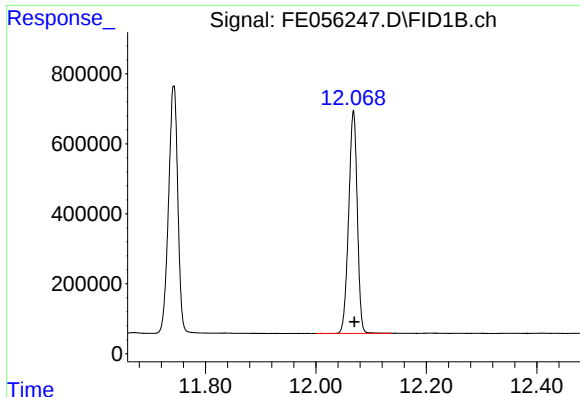
#7 n-Hexadecane (C16)

R.T.: 10.293 min
Delta R.T.: -0.001 min
Response: 7875690
Conc: 49.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.742 min
Delta R.T.: -0.002 min
Response: 8197617
Conc: 48.40 ug/ml



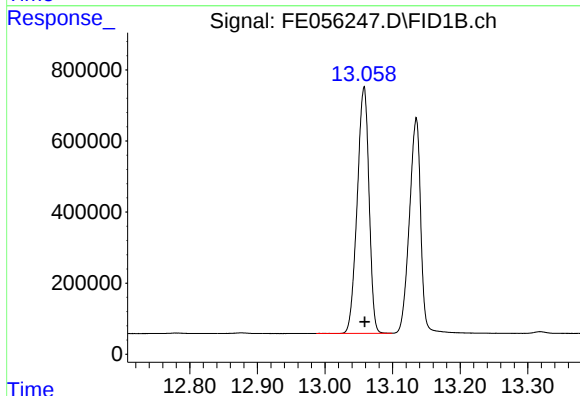
#9 ortho-Terphenyl (SURR)

R.T.: 12.068 min
Delta R.T.: -0.002 min
Response: 6888769
Conc: 36.71 ug/ml

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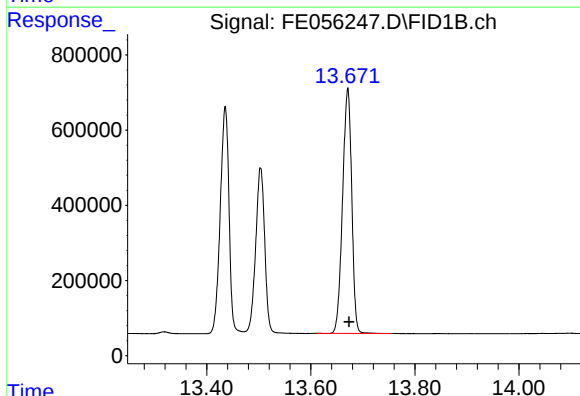
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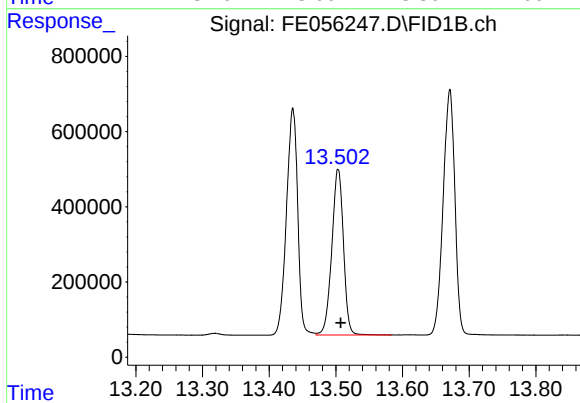
#10 n-Eicosane (C20)

R.T.: 13.058 min
Delta R.T.: -0.001 min
Response: 8407805
Conc: 50.72 ug/ml



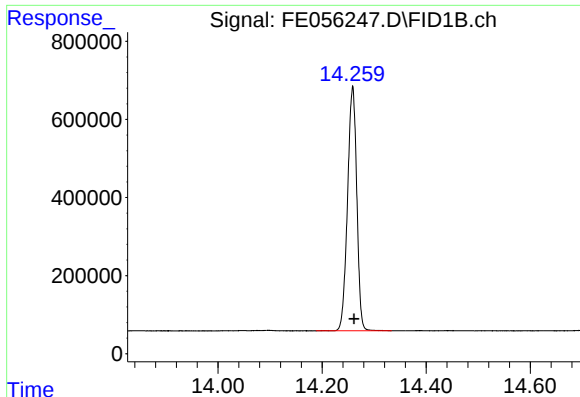
#11 n-Heneicosane (C21)

R.T.: 13.671 min
Delta R.T.: -0.002 min
Response: 7968578
Conc: 49.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.503 min
Delta R.T.: -0.004 min
Response: 5351270
Conc: 38.34 ug/ml



#13 n-Docosane (C22)

R.T.: 14.259 min
Delta R.T.: -0.003 min
Response: 7691369
Conc: 48.13 ug/ml

Instrument :

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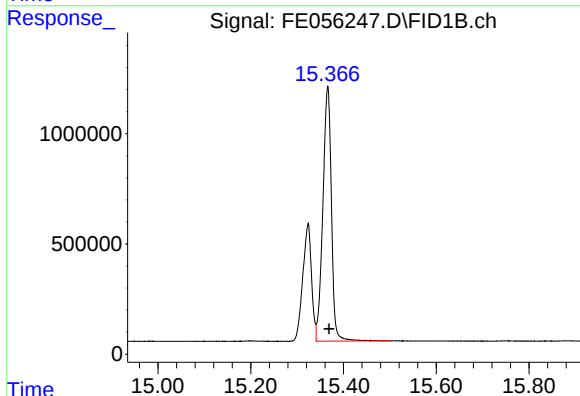
ClientSampleId :

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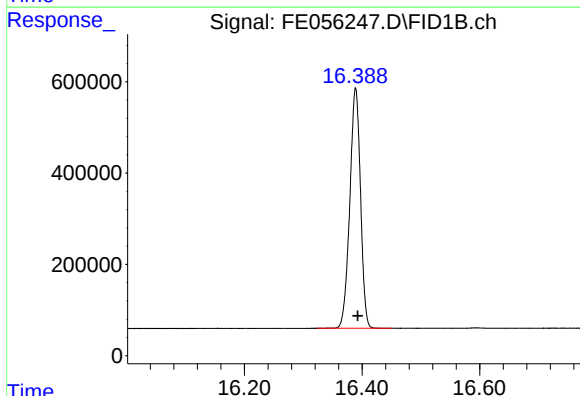
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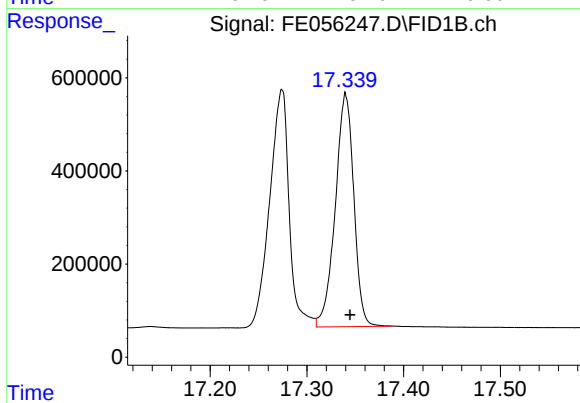
#14 n-Tetracosane (C24)

R.T.: 15.366 min
Delta R.T.: -0.003 min
Response: 14790737
Conc: 97.06 ug/ml



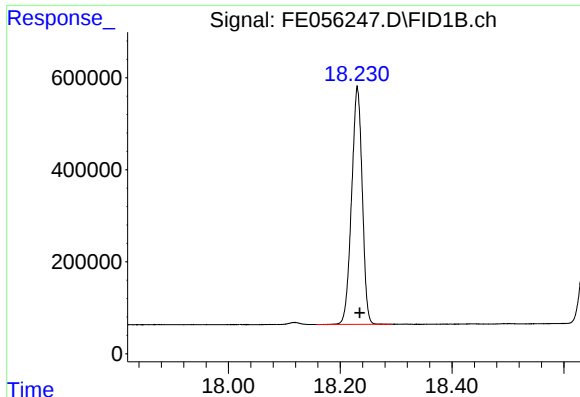
#15 n-Hexacosane (C26)

R.T.: 16.389 min
Delta R.T.: -0.004 min
Response: 6634053
Conc: 46.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.339 min
Delta R.T.: -0.005 min
Response: 6659591
Conc: 47.81 ug/ml m



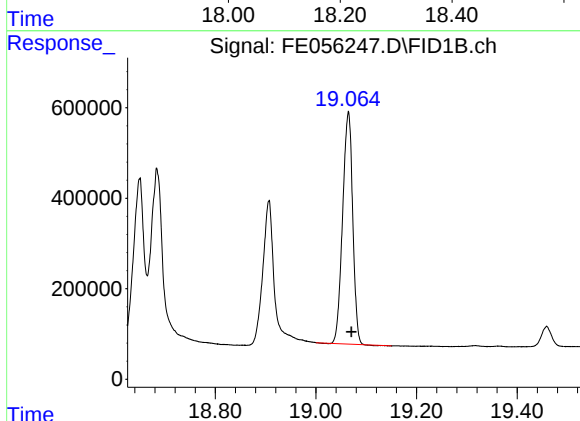
#17 n-Tricontane (C30)

R.T.: 18.231 min
Delta R.T.: -0.004 min
Response: 6814460
Conc: 45.99 ug/ml

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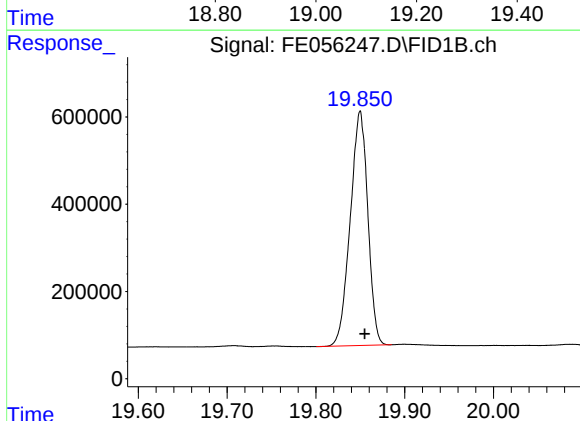
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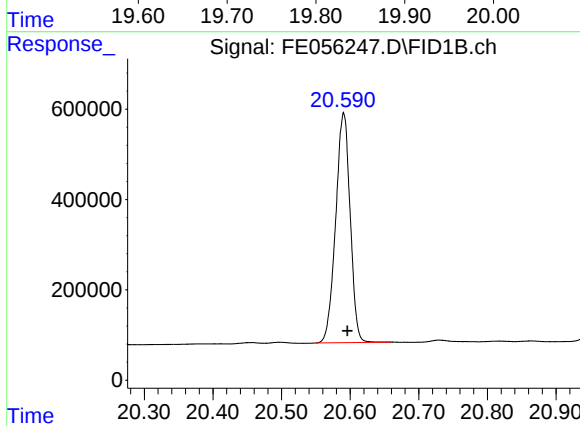
#18 n-Dotriacontane (C32)

R.T.: 19.064 min
Delta R.T.: -0.006 min
Response: 7139257
Conc: 47.85 ug/ml



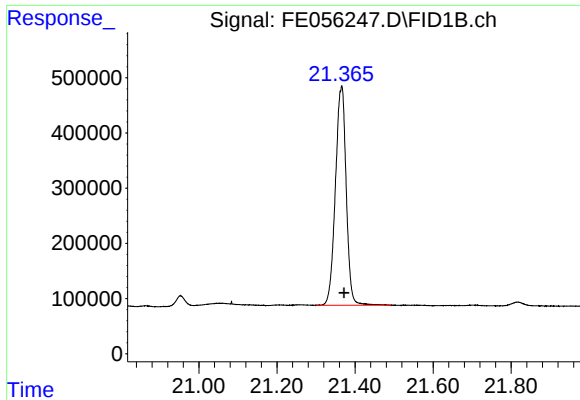
#19 n-Tetratriacontane (C34)

R.T.: 19.850 min
Delta R.T.: -0.005 min
Response: 7387149
Conc: 52.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.590 min
Delta R.T.: -0.006 min
Response: 7444564
Conc: 57.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.365 min
Delta R.T.: -0.006 min
Response: 7612218
Conc: 57.96 ug/ml

Instrument :

FID_E

ClientSampleId :

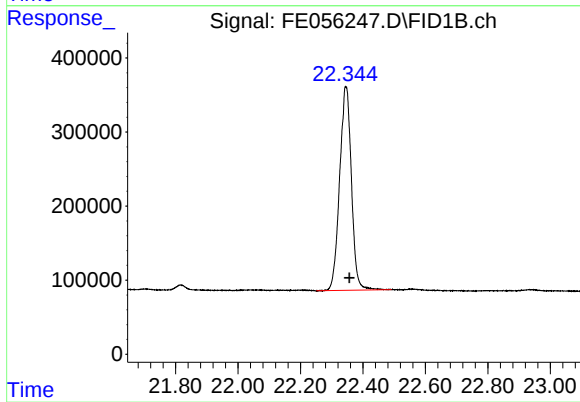
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#22 n-Tetracontane (C40)

R.T.: 22.346 min
Delta R.T.: -0.011 min
Response: 7188559
Conc: 60.42 ug/ml