

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101825AL\
 Data File : FE056364.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2025 16:08
 Operator : YP\AJ
 Sample : PB170145BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170145BSD

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 12:06:25 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)	12.057	6527887	31.954 ug/ml
Spiked Amount 50.000		Recovery =	63.91%
12) S 1-chlorooctadecane (S...	13.494	5207000	34.126 ug/ml
Spiked Amount 50.000		Recovery =	68.25%
Target Compounds			
1) T n-Nonane (C9)	3.414	6398441	39.254 ug/ml
2) T n-Decane (C10)	4.662	6960244	42.324 ug/ml
3) T A~Naphthalene (C11.7)	6.373	8150546	46.106 ug/ml
4) T n-Dodecane (C12)	6.830	7416278	44.202 ug/ml
5) T A~2-methylnaphthalene...	7.473	7633116	45.810 ug/ml
6) T n-Tetradecane (C14)	8.668	7642179	46.000 ug/ml
7) T n-Hexadecane (C16)	10.282	7753172	44.314 ug/ml
8) T n-Octadecane (C18)	11.731	7764412	42.565 ug/ml
10) T n-Eicosane (C20)	13.047	8012247	45.000 ug/ml
11) T n-Heneicosane (C21)	13.661	7667343	43.701 ug/ml
13) T n-Docosane (C22)	14.249	7562114	42.721 ug/ml
14) T n-Tetracosane (C24)	15.314	7639016	41.987 ug/mlm
15) T n-Hexacosane (C26)	16.381	7424038	41.358 ug/ml
16) T n-Octacosane (C28)	17.333	7638145	42.936 ug/ml
17) T n-Tricontane (C30)	18.223	7189614	39.599 ug/ml
18) T n-Dotriacontane (C32)	19.056	6963116	39.496 ug/ml
19) T n-Tetratriacontane (C34)	19.841	6789159	43.858 ug/ml
20) T n-Hexatriacontane (C36)	20.582	6410822	51.314 ug/ml
21) T n-Octatriacontane (C38)	21.355	6116196	58.539 ug/ml
22) T n-Tetracontane (C40)	22.332	5485686	60.453 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

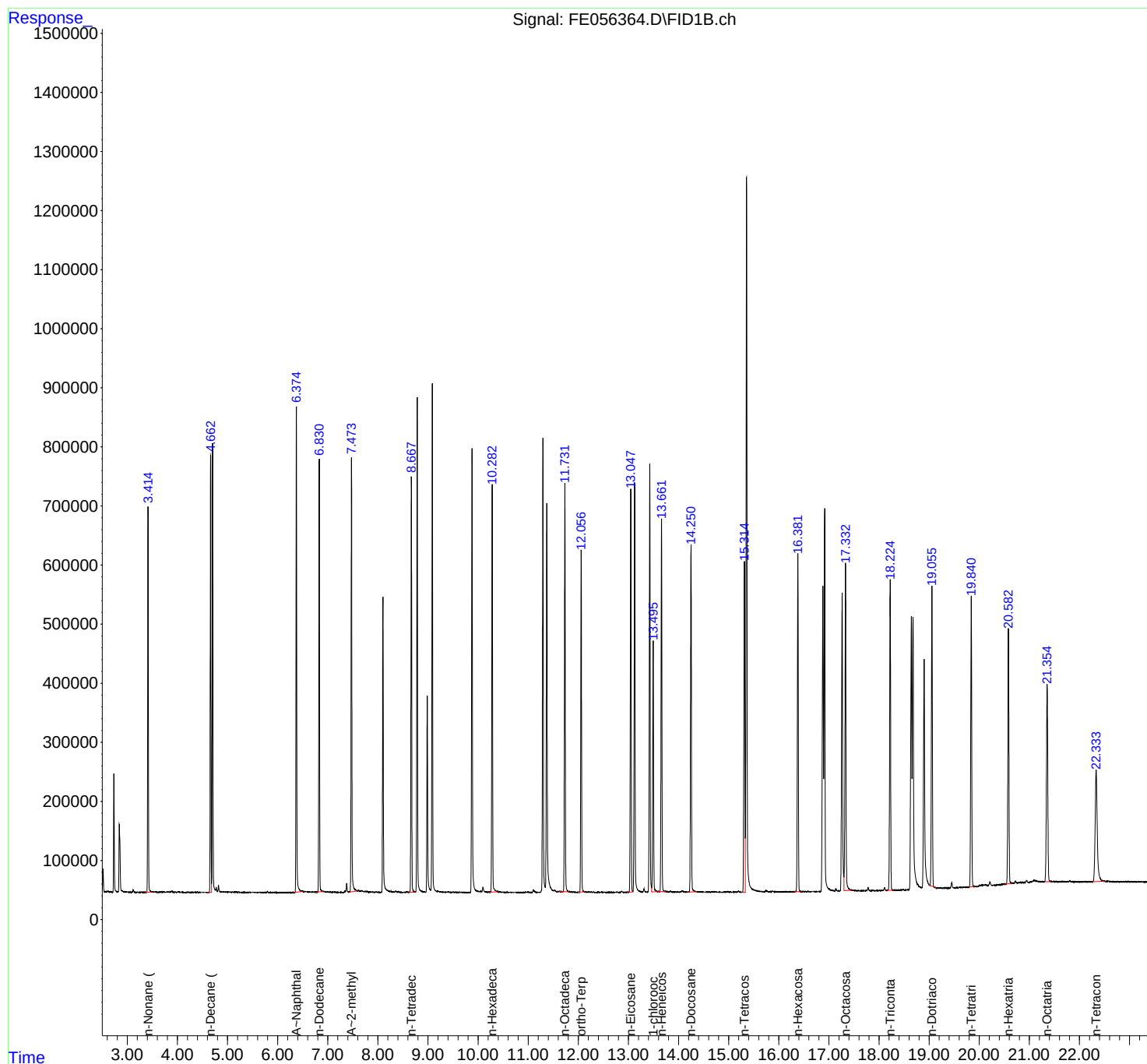
Instrument :
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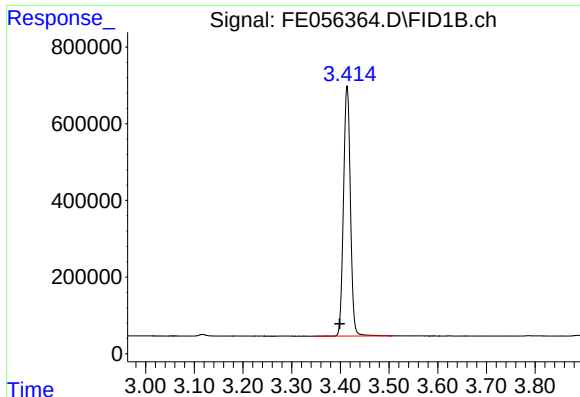
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#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: 0.015 min
Response: 6398441
Conc: 39.25 ug/ml

Instrument :

FID_E

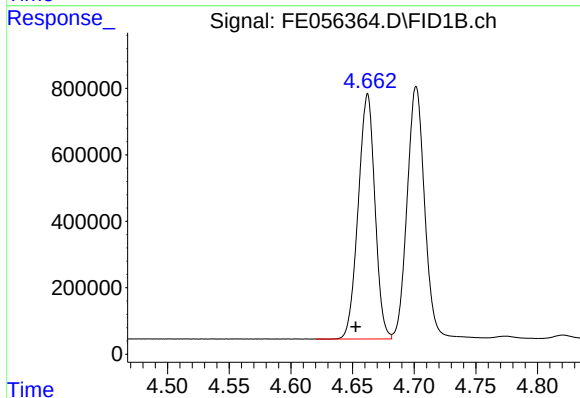
ClientSampleId :

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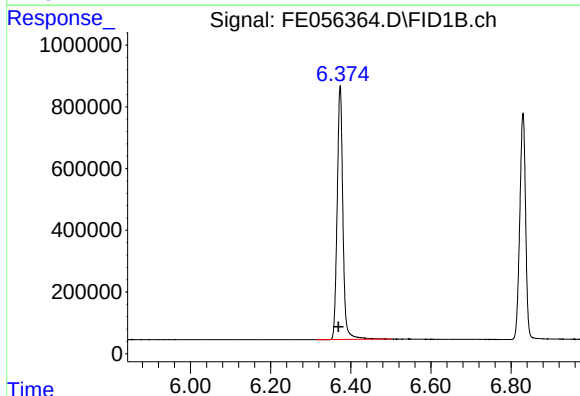
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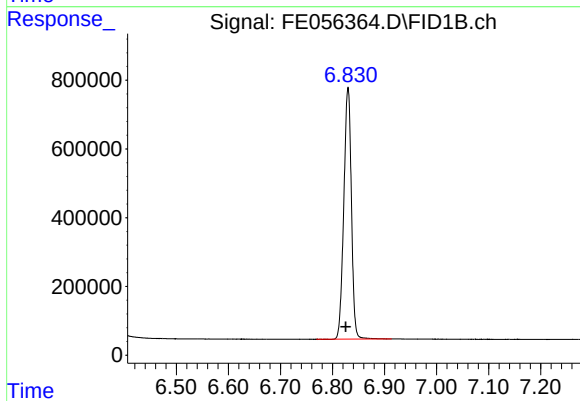
#2 n-Decane (C10)

R.T.: 4.662 min
Delta R.T.: 0.010 min
Response: 6960244
Conc: 42.32 ug/ml



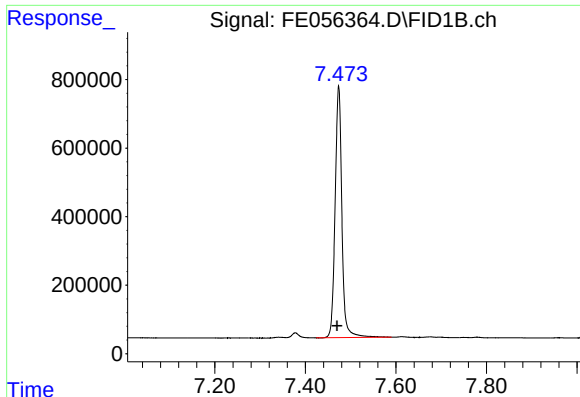
#3 A~Naphthalene (C11.7)

R.T.: 6.373 min
Delta R.T.: 0.004 min
Response: 8150546
Conc: 46.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.830 min
Delta R.T.: 0.004 min
Response: 7416278
Conc: 44.20 ug/ml



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

R.T.: 7.473 min
Delta R.T.: 0.004 min
Response: 7633116
Conc: 45.81 ug/ml

Instrument :

FID_E

ClientSampleId :

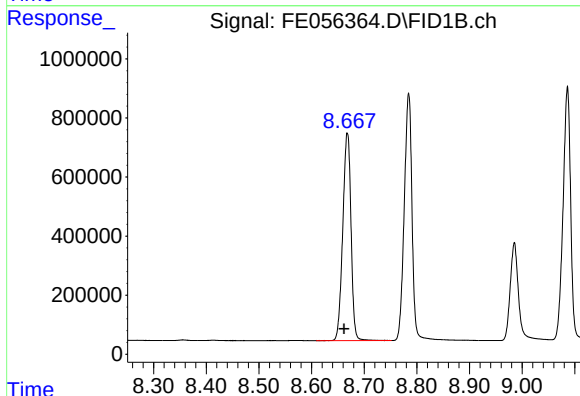
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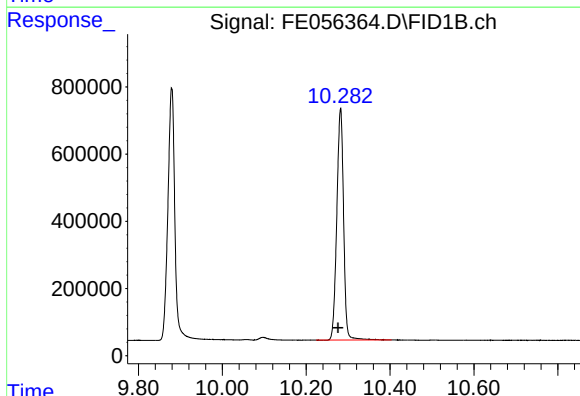
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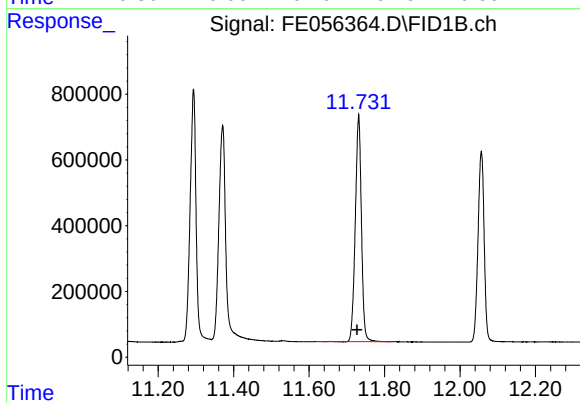
#6 n-Tetradecane (C14)

R.T.: 8.668 min
Delta R.T.: 0.006 min
Response: 7642179
Conc: 46.00 ug/ml



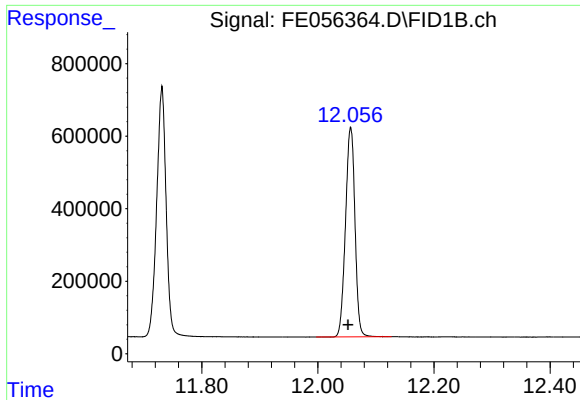
#7 n-Hexadecane (C16)

R.T.: 10.282 min
Delta R.T.: 0.005 min
Response: 7753172
Conc: 44.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.731 min
Delta R.T.: 0.005 min
Response: 7764412
Conc: 42.56 ug/ml



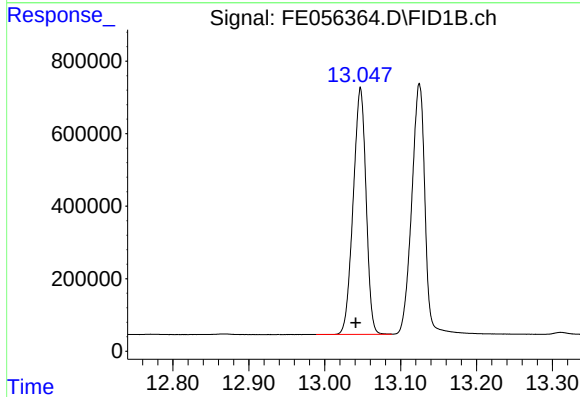
#9 ortho-Terphenyl (SURR)

R.T.: 12.057 min
Delta R.T.: 0.004 min
Response: 6527887
Conc: 31.95 ug/ml

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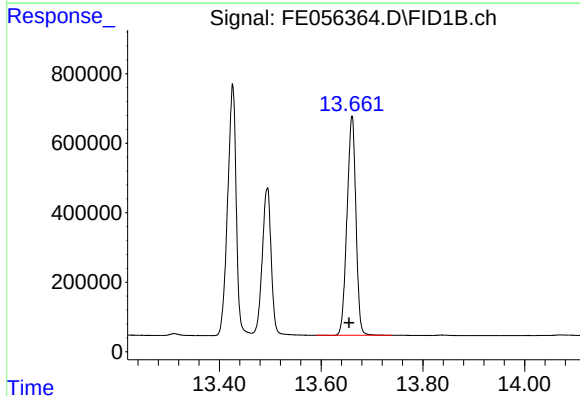
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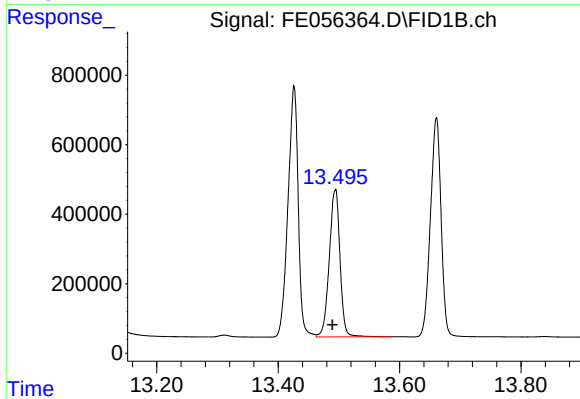
#10 n-Eicosane (C20)

R.T.: 13.047 min
Delta R.T.: 0.006 min
Response: 8012247
Conc: 45.00 ug/ml



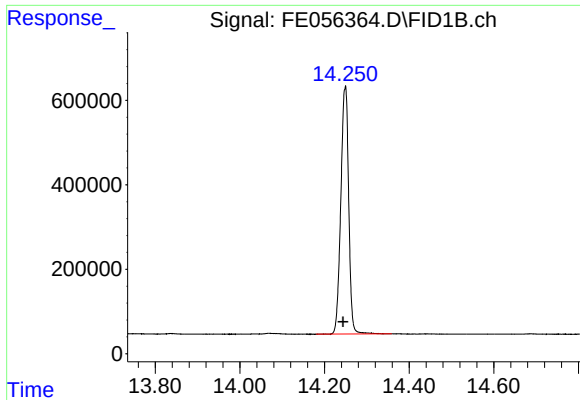
#11 n-Heneicosane (C21)

R.T.: 13.661 min
Delta R.T.: 0.005 min
Response: 7667343
Conc: 43.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.494 min
Delta R.T.: 0.005 min
Response: 5207000
Conc: 34.13 ug/ml



#13 n-Docosane (C22)

R.T.: 14.249 min
Delta R.T.: 0.005 min
Response: 7562114
Conc: 42.72 ug/ml

Instrument :

FID_E

ClientSampleId :

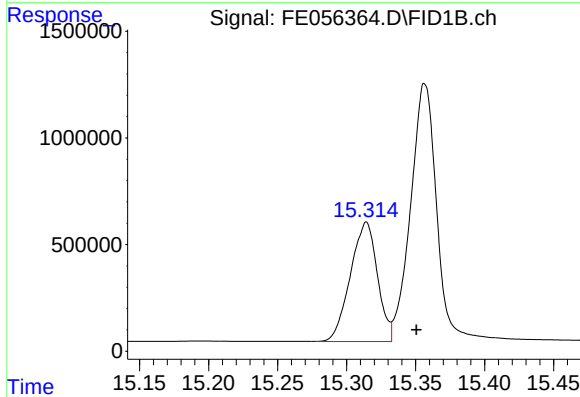
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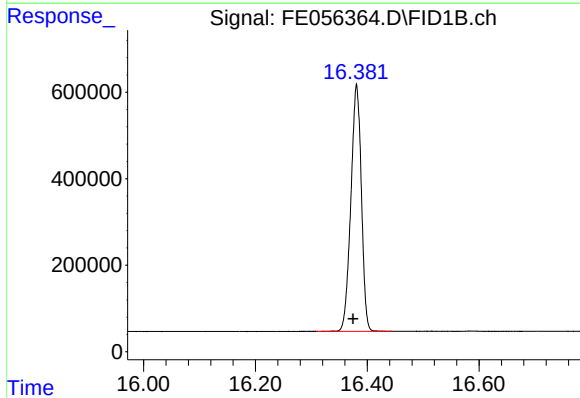
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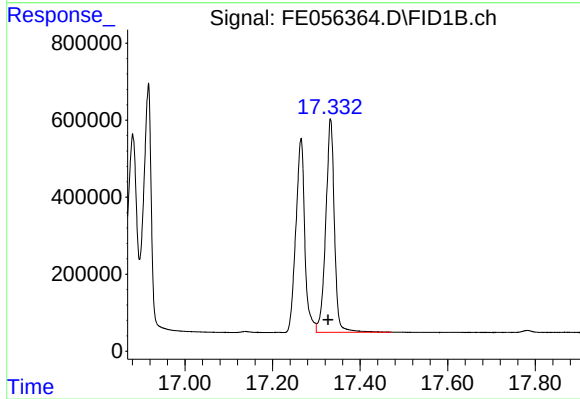
#14 n-Tetracosane (C24)

R.T.: 15.314 min
Delta R.T.: -0.036 min
Response: 7639016
Conc: 41.99 ug/ml m



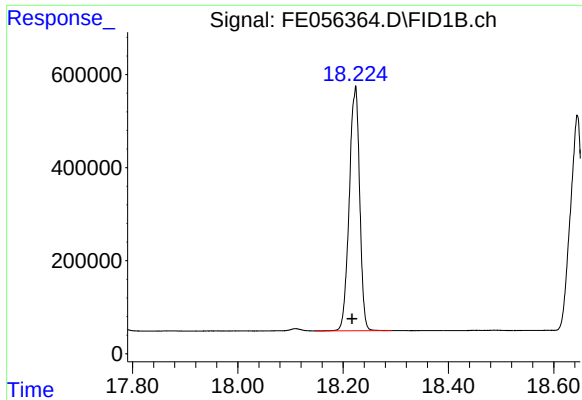
#15 n-Hexacosane (C26)

R.T.: 16.381 min
Delta R.T.: 0.006 min
Response: 7424038
Conc: 41.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.333 min
Delta R.T.: 0.006 min
Response: 7638145
Conc: 42.94 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.223 min
Delta R.T.: 0.006 min
Response: 7189614
Conc: 39.60 ug/ml

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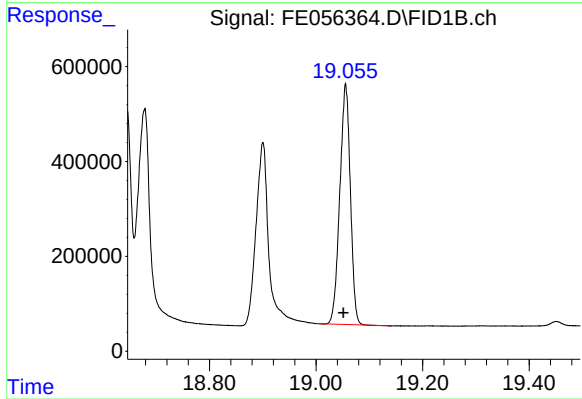
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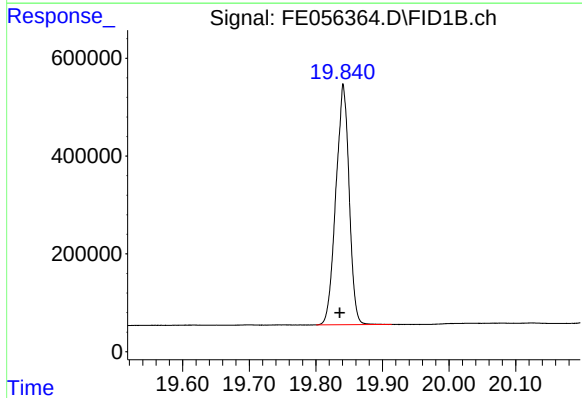
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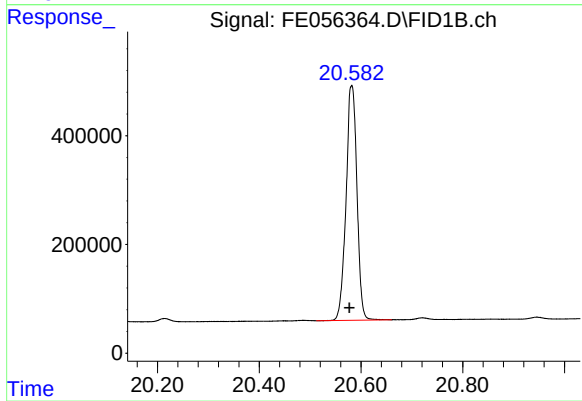
#18 n-Dotriacontane (C32)

R.T.: 19.056 min
Delta R.T.: 0.004 min
Response: 6963116
Conc: 39.50 ug/ml



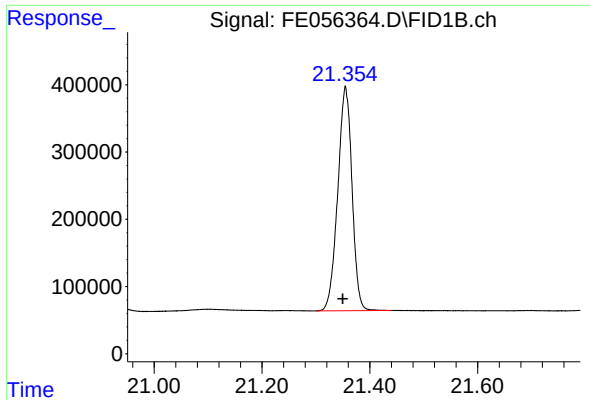
#19 n-Tetratriacontane (C34)

R.T.: 19.841 min
Delta R.T.: 0.005 min
Response: 6789159
Conc: 43.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.582 min
Delta R.T.: 0.004 min
Response: 6410822
Conc: 51.31 ug/ml



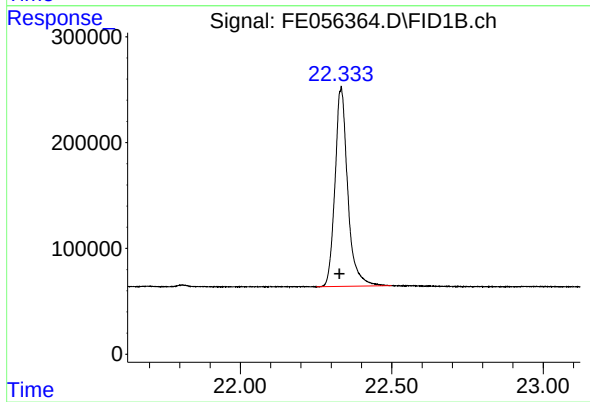
#21 n-Octatriacontane (C38)

R.T.: 21.355 min
Delta R.T.: 0.005 min
Response: 6116196
Conc: 58.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.332 min
Delta R.T.: 0.005 min
Response: 5485686
Conc: 60.45 ug/ml