

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100325AL\
 Data File : FE056166.D
 Signal(s) : FID1B.ch
 Acq On : 03 Oct 2025 15:15
 Operator : YP\AJ
 Sample : PB169970BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB169970BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2025
 Supervised By :mohammad ahmed 10/06/2025

Integration File: autoint1.e
 Quant Time: Oct 03 23:13:08 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)	12.072	8478477	45.182 ug/ml
Spiked Amount 50.000		Recovery =	90.36%
12) S 1-chlorooctadecane (S...	13.507	6724146	48.179 ug/ml
Spiked Amount 50.000		Recovery =	96.36%
Target Compounds			
1) T n-Nonane (C9)	3.417	5295726	38.657 ug/ml
2) T n-Decane (C10)	4.673	5784914	41.450 ug/ml
3) T A~Naphthalene (C11.7)	6.390	7647933	47.900 ug/ml
4) T n-Dodecane (C12)	6.845	6564780	45.739 ug/ml
5) T A~2-methylnaphthalene...	7.490	7553612	48.570 ug/ml
6) T n-Tetradecane (C14)	8.683	7318146	49.499 ug/ml
7) T n-Hexadecane (C16)	10.296	8237662	51.839 ug/ml
8) T n-Octadecane (C18)	11.746	8854025	52.272 ug/ml
10) T n-Eicosane (C20)	13.060	9458021	57.057 ug/ml
11) T n-Heneicosane (C21)	13.674	9061061	55.763 ug/ml
13) T n-Docosane (C22)	14.262	8874445	55.538 ug/ml
14) T n-Tetracosane (C24)	15.371	16839671	110.510 ug/ml
15) T n-Hexacosane (C26)	16.393	7857831	55.092 ug/ml
16) T n-Octacosane (C28)	17.343	7699407	55.270 ug/mlm
17) T n-Tricontane (C30)	18.235	7643909	51.585 ug/ml
18) T n-Dotriacontane (C32)	19.067	7700306	51.611 ug/ml
19) T n-Tetratriacontane (C34)	19.852	8050837	56.916 ug/ml
20) T n-Hexatriacontane (C36)	20.594	8325719	64.857 ug/ml
21) T n-Octatriacontane (C38)	21.369	8648301	65.845 ug/ml
22) T n-Tetracontane (C40)	22.352	8235299	69.223 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

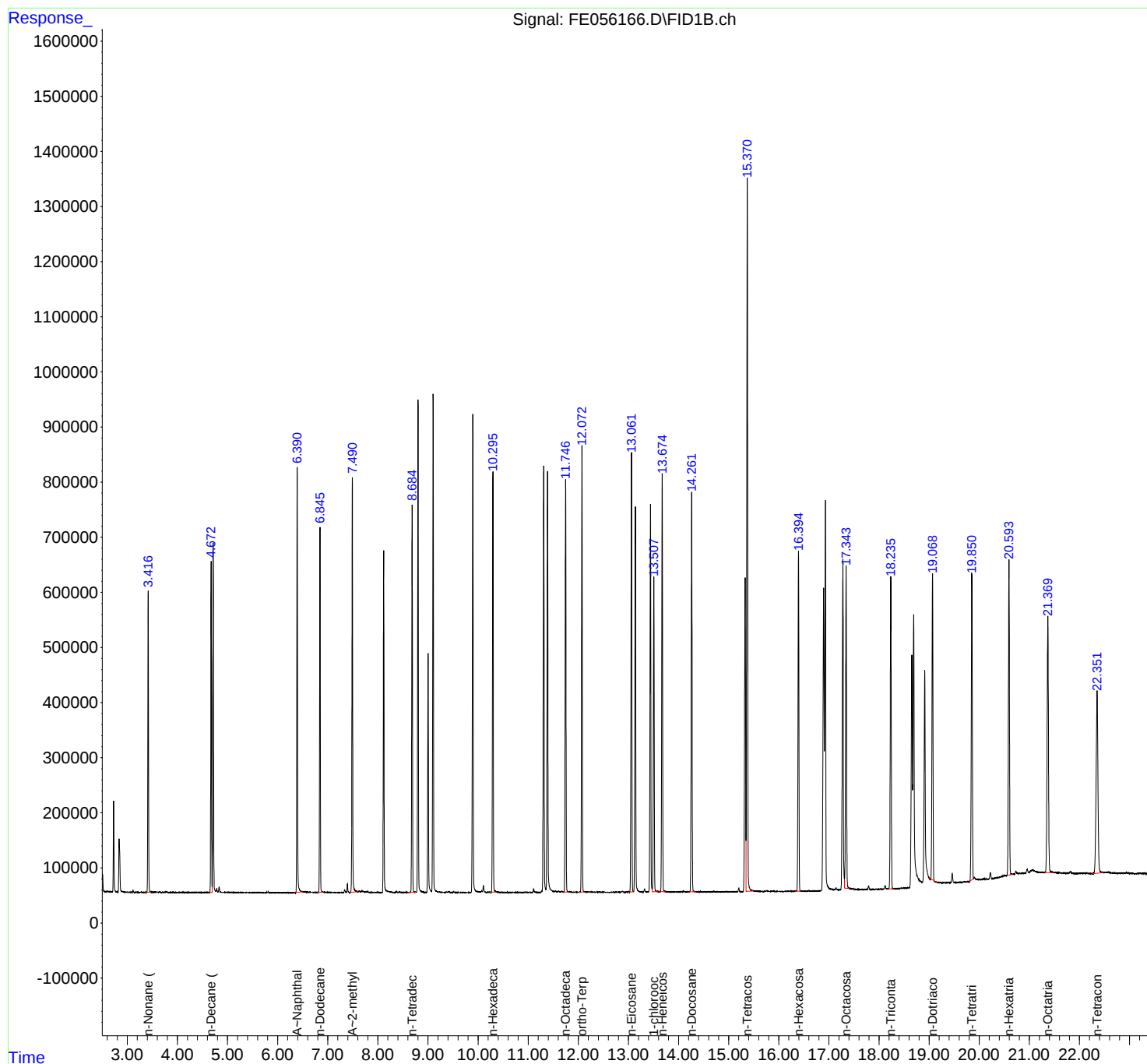
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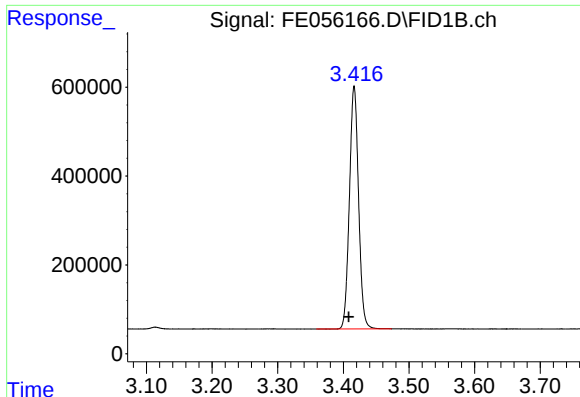
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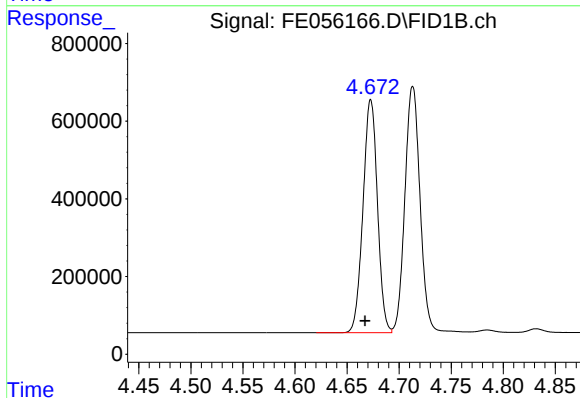
#1 n-Nonane (C9)

R.T.: 3.417 min
Delta R.T.: 0.009 min
Response: 5295726
Conc: 38.66 ug/ml

Instrument :
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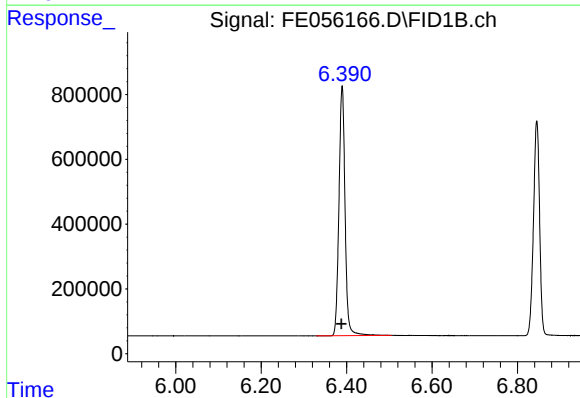
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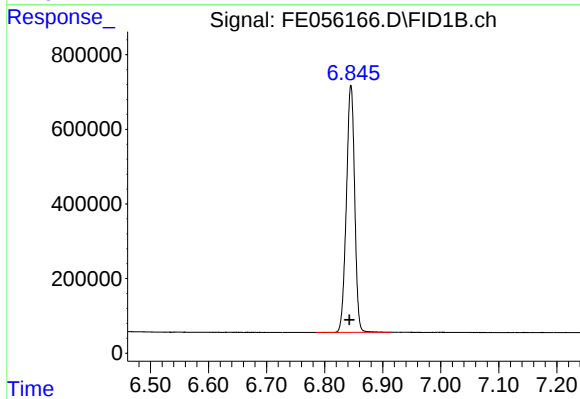
#2 n-Decane (C10)

R.T.: 4.673 min
Delta R.T.: 0.005 min
Response: 5784914
Conc: 41.45 ug/ml



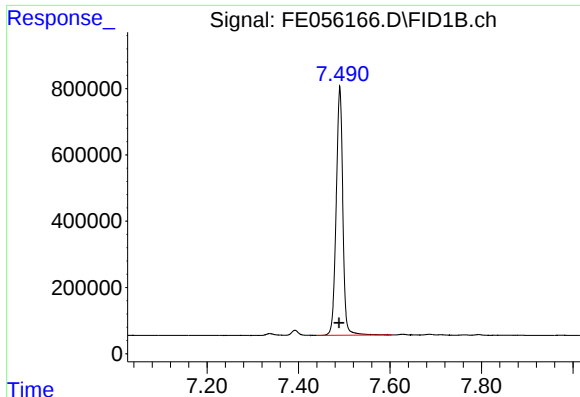
#3 A~Naphthalene (C11.7)

R.T.: 6.390 min
Delta R.T.: 0.001 min
Response: 7647933
Conc: 47.90 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.845 min
Delta R.T.: 0.002 min
Response: 6564780
Conc: 45.74 ug/ml



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

R.T.: 7.490 min
Delta R.T.: 0.001 min
Response: 7553612
Conc: 48.57 ug/ml

Instrument :

FID_E

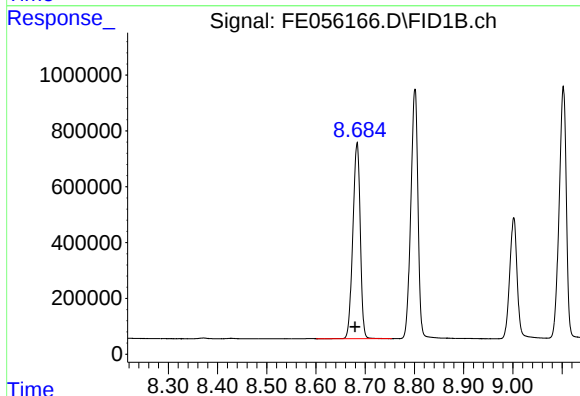
ClientSampleId :

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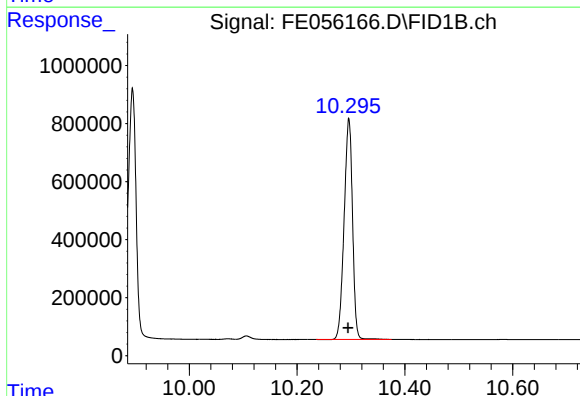
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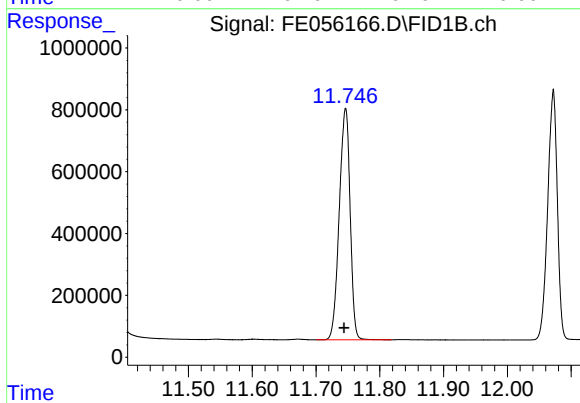
#6 n-Tetradecane (C14)

R.T.: 8.683 min
Delta R.T.: 0.004 min
Response: 7318146
Conc: 49.50 ug/ml



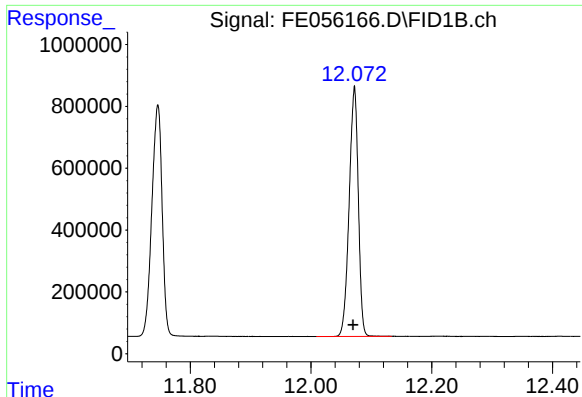
#7 n-Hexadecane (C16)

R.T.: 10.296 min
Delta R.T.: 0.002 min
Response: 8237662
Conc: 51.84 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.746 min
Delta R.T.: 0.002 min
Response: 8854025
Conc: 52.27 ug/ml



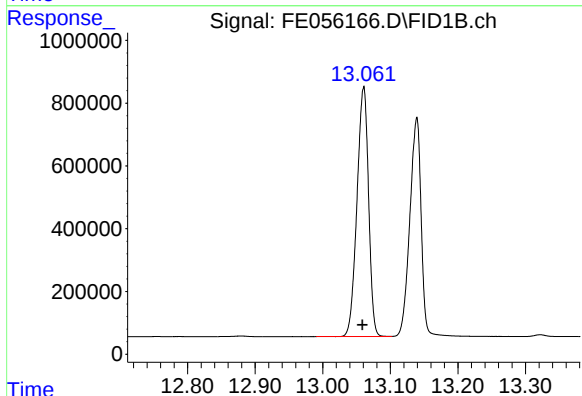
#9 ortho-Terphenyl (SURR)

R.T.: 12.072 min
Delta R.T.: 0.002 min
Response: 8478477
Conc: 45.18 ug/ml

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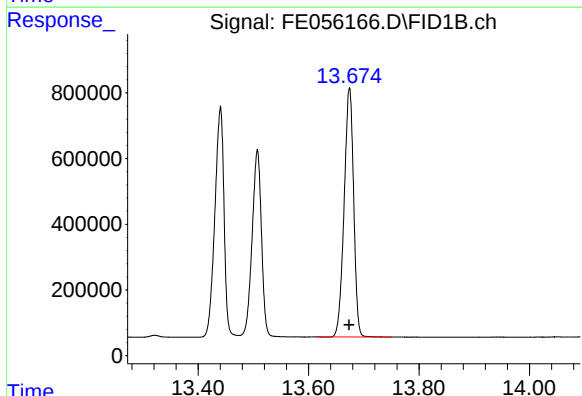
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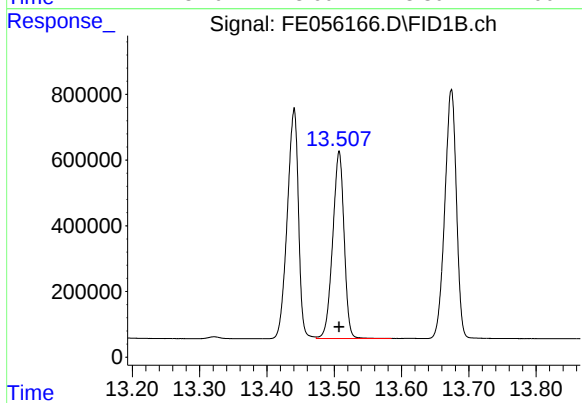
#10 n-Eicosane (C20)

R.T.: 13.060 min
Delta R.T.: 0.002 min
Response: 9458021
Conc: 57.06 ug/ml



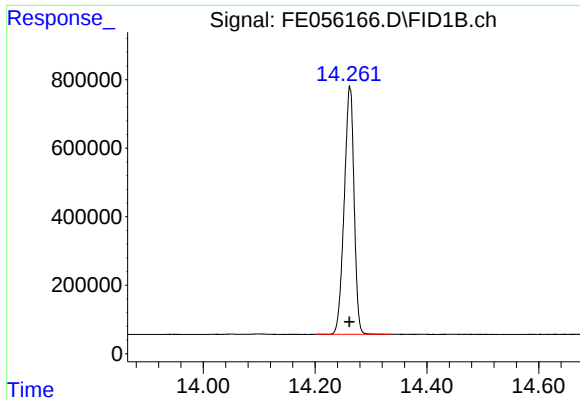
#11 n-Heneicosane (C21)

R.T.: 13.674 min
Delta R.T.: 0.000 min
Response: 9061061
Conc: 55.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.507 min
Delta R.T.: 0.000 min
Response: 6724146
Conc: 48.18 ug/ml



#13 n-Docosane (C22)

R.T.: 14.262 min
Delta R.T.: 0.000 min
Response: 8874445
Conc: 55.54 ug/ml

Instrument :

FID_E

ClientSampleId :

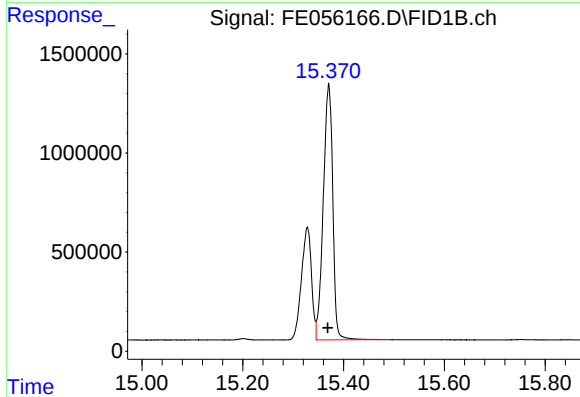
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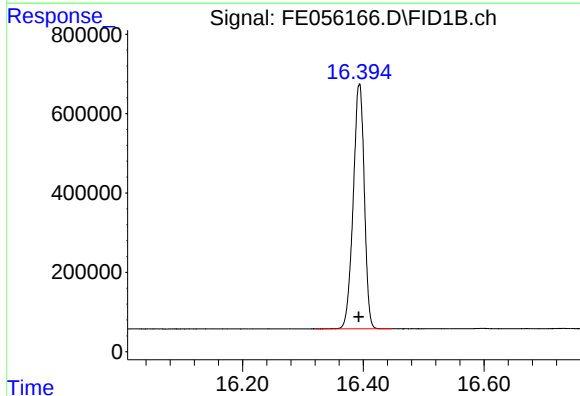
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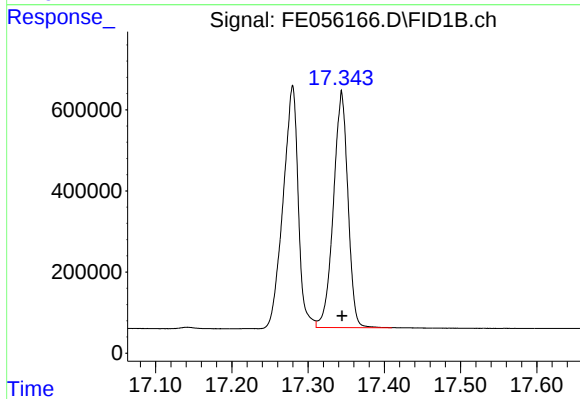
#14 n-Tetracosane (C24)

R.T.: 15.371 min
Delta R.T.: 0.002 min
Response: 16839671
Conc: 110.51 ug/ml



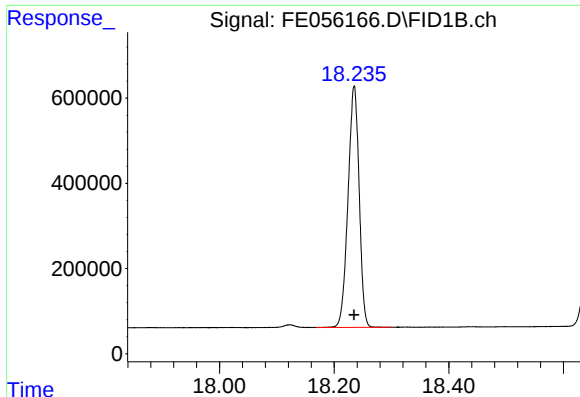
#15 n-Hexacosane (C26)

R.T.: 16.393 min
Delta R.T.: 0.000 min
Response: 7857831
Conc: 55.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.343 min
Delta R.T.: -0.001 min
Response: 7699407
Conc: 55.27 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.235 min
Delta R.T.: 0.000 min
Response: 7643909
Conc: 51.58 ug/ml

Instrument :

FID_E

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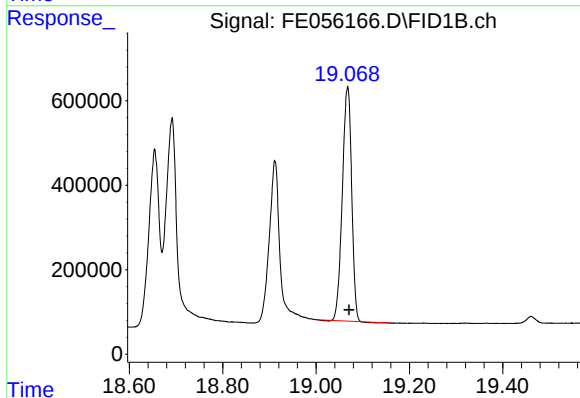
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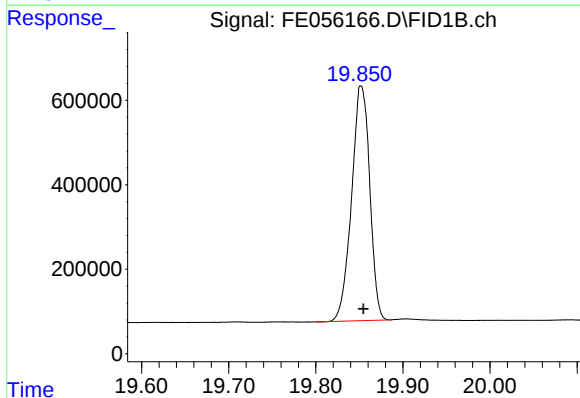
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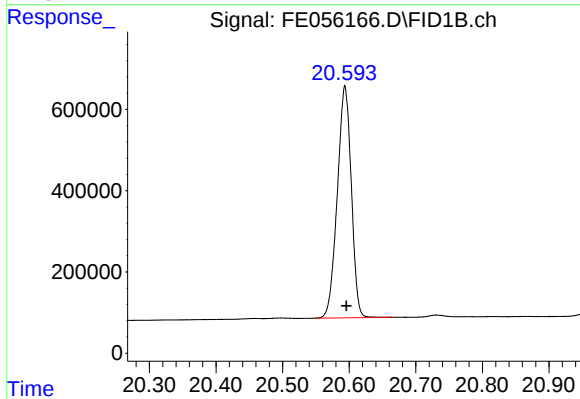
#18 n-Dotriacontane (C32)

R.T.: 19.067 min
Delta R.T.: -0.003 min
Response: 7700306
Conc: 51.61 ug/ml



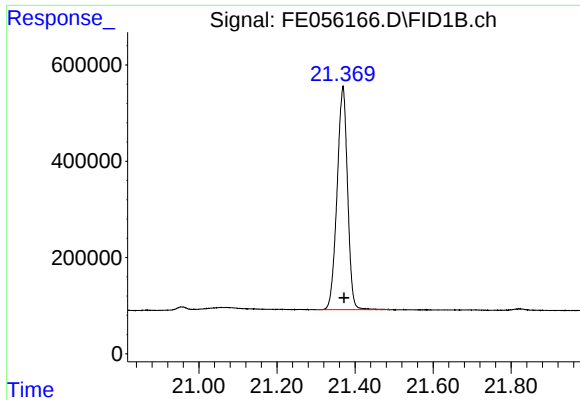
#19 n-Tetratriacontane (C34)

R.T.: 19.852 min
Delta R.T.: -0.002 min
Response: 8050837
Conc: 56.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.594 min
Delta R.T.: -0.002 min
Response: 8325719
Conc: 64.86 ug/ml



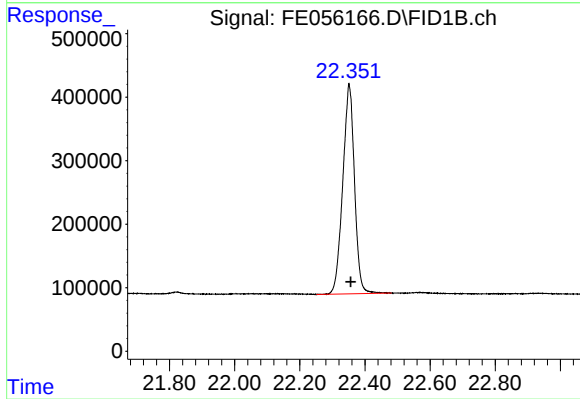
#21 n-Octatriacontane (C38)

R.T.: 21.369 min
Delta R.T.: -0.003 min
Response: 8648301
Conc: 65.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.352 min
Delta R.T.: -0.005 min
Response: 8235299
Conc: 69.22 ug/ml