

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071525AL\
 Data File : FE054859.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jul 2025 19:26
 Operator : YP\AJ
 Sample : Q2597-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

CHRT-26899MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/16/2025

Supervised By :mohammad ahmed 07/17/2025

Integration File: sample.E

Quant Time: Jul 16 04:08:20 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M

Quant Title : GC Extractables

QLast Update : Tue Jul 08 07:45:12 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)	12.090	6027831	37.119 ug/mlm
Spiked Amount 50.000		Recovery =	74.24%
12) S 1-chlorooctadecane (S...	13.528	4144379	32.815 ug/mlm
Spiked Amount 50.000		Recovery =	65.63%
Target Compounds			
1) T n-Nonane (C9)	3.427	3858326	28.685 ug/ml
2) T n-Decane (C10)	4.685	4513767	33.080 ug/ml
3) T A~Naphthalene (C11.7)	6.401	6007811	39.678 ug/ml
4) T n-Dodecane (C12)	6.858	5171544	37.692 ug/ml
5) T A~2-methylnaphthalene...	7.503	5998535	40.805 ug/ml
6) T n-Tetradecane (C14)	8.697	6047984	43.628 ug/ml
7) T n-Hexadecane (C16)	10.313	6826093	47.899 ug/ml
8) T n-Octadecane (C18)	11.766	7627217	52.043 ug/ml
10) T n-Eicosane (C20)	13.082	7063631	49.123 ug/ml
11) T n-Heneicosane (C21)	13.694	6645180	46.524 ug/ml
13) T n-Docosane (C22)	14.282	7121310	49.873 ug/mlm
14) T n-Tetracosane (C24)	15.388	13761168	94.667 ug/ml
15) T n-Hexacosane (C26)	16.410	6228350	43.039 ug/ml
16) T n-Octacosane (C28)	17.358	6001894	41.183 ug/ml
17) T n-Tricontane (C30)	18.250	6198212	39.333 ug/ml
18) T n-Dotriacontane (C32)	19.082	6283290	38.837 ug/ml
19) T n-Tetratriacontane (C34)	19.866	6781185	44.499 ug/ml
20) T n-Hexatriacontane (C36)	20.607	6633589	49.337 ug/ml
21) T n-Octatriacontane (C38)	21.389	7122498	60.729 ug/ml
22) T n-Tetracontane (C40)	22.382	7230023	66.707 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 19 Sample Multiplier: 1

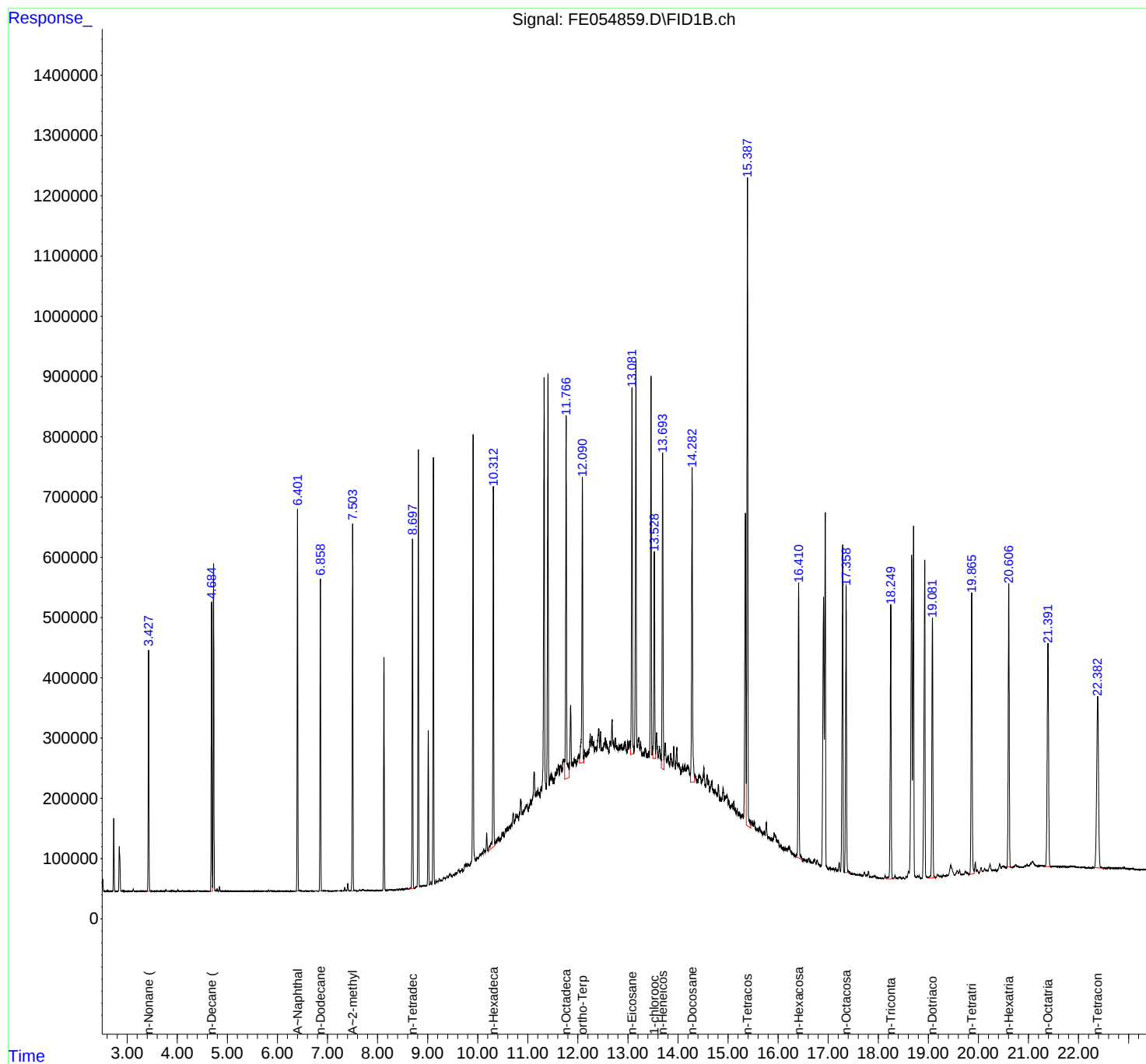
Instrument :
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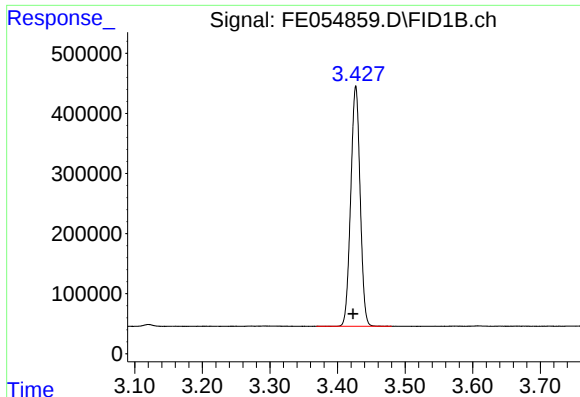
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.427 min
Delta R.T.: 0.004 min
Response: 3858326
Conc: 28.68 ug/ml

Instrument :

FID_E

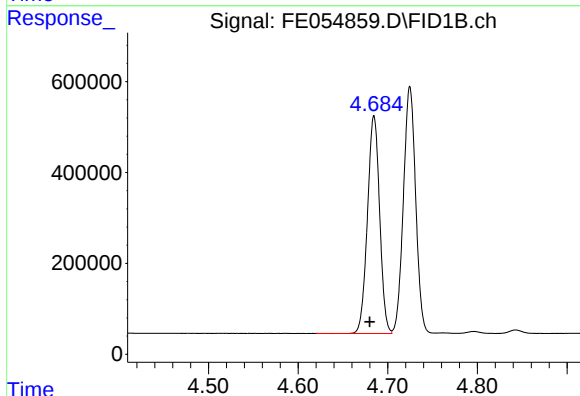
ClientSampleId :

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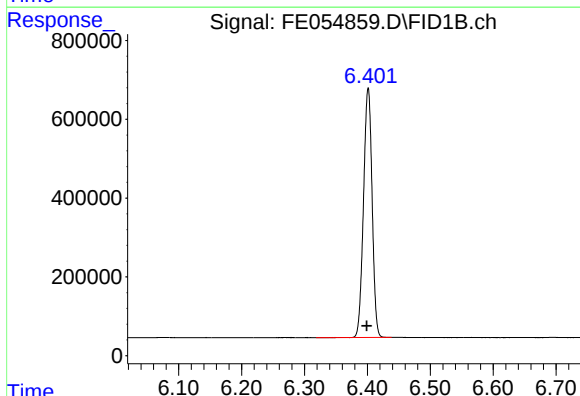
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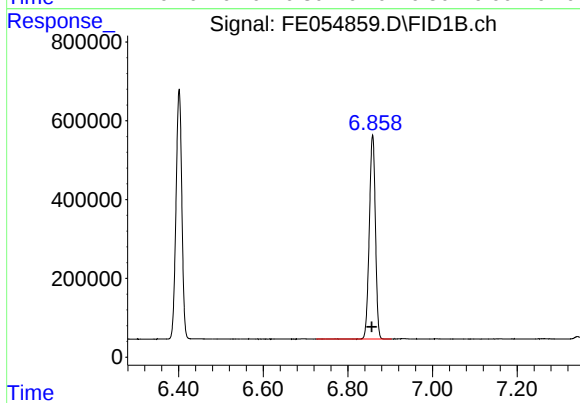
#2 n-Decane (C10)

R.T.: 4.685 min
Delta R.T.: 0.005 min
Response: 4513767
Conc: 33.08 ug/ml



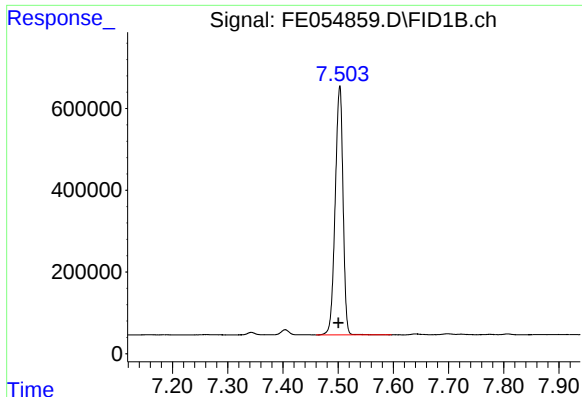
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min
Delta R.T.: 0.002 min
Response: 6007811
Conc: 39.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.858 min
Delta R.T.: 0.002 min
Response: 5171544
Conc: 37.69 ug/ml



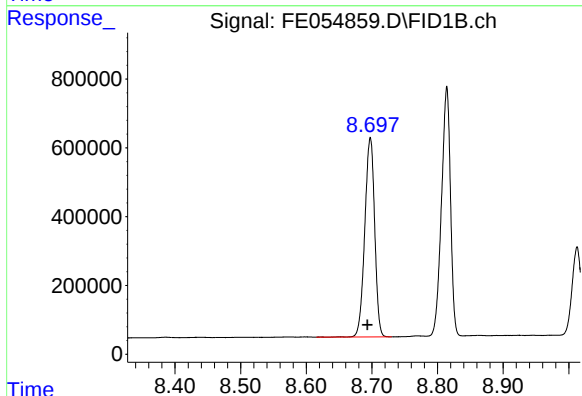
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.503 min
Delta R.T.: 0.002 min
Response: 5998535
Conc: 40.81 ug/ml

Instrument :
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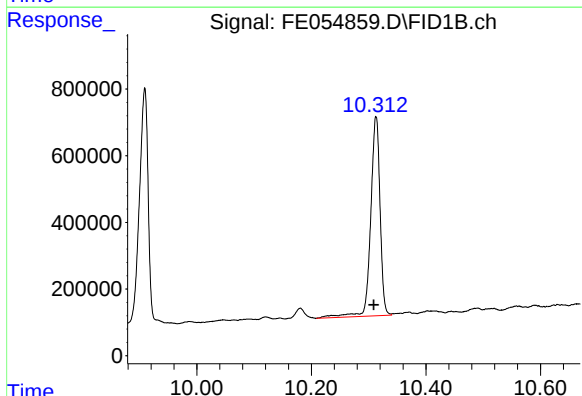
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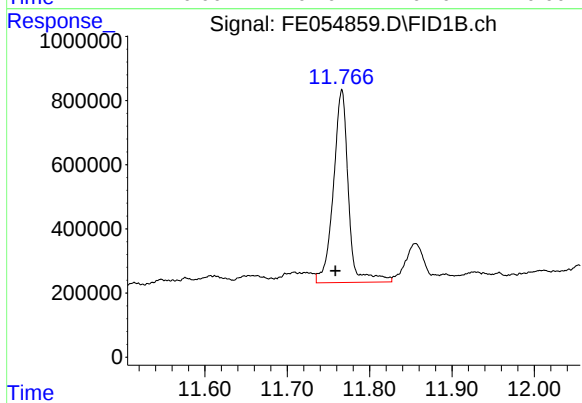
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.004 min
Response: 6047984
Conc: 43.63 ug/ml



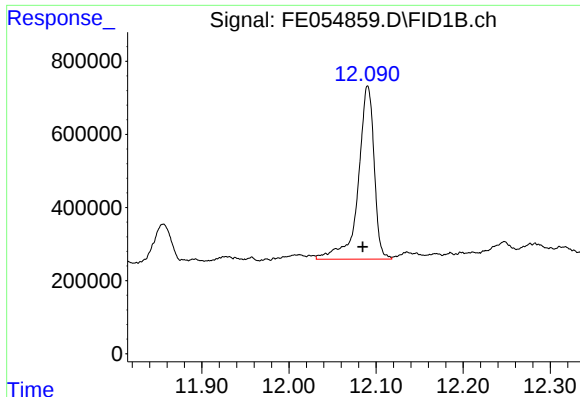
#7 n-Hexadecane (C16)

R.T.: 10.313 min
Delta R.T.: 0.004 min
Response: 6826093
Conc: 47.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.766 min
Delta R.T.: 0.008 min
Response: 7627217
Conc: 52.04 ug/ml



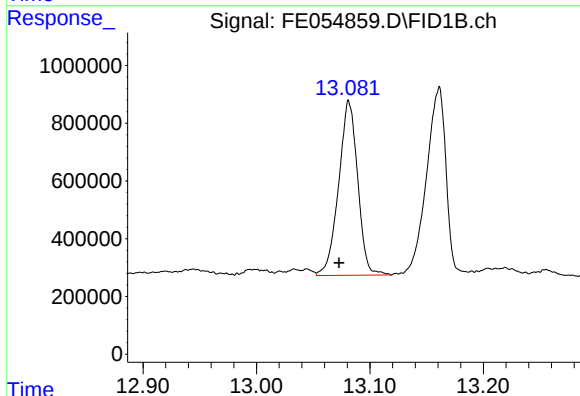
#9 ortho-Terphenyl (SURR)

R.T.: 12.090 min
Delta R.T.: 0.005 min
Response: 6027831
Conc: 37.12 ug/ml

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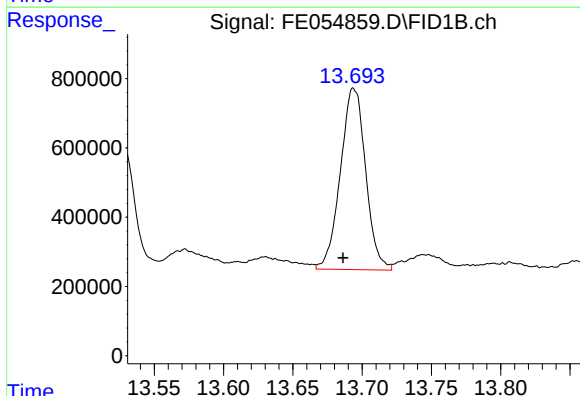
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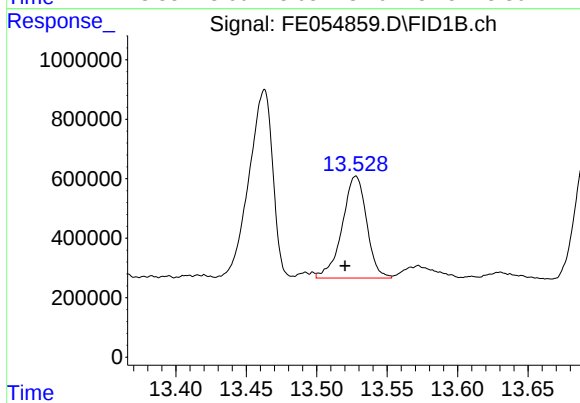
#10 n-Eicosane (C20)

R.T.: 13.082 min
Delta R.T.: 0.009 min
Response: 7063631
Conc: 49.12 ug/ml



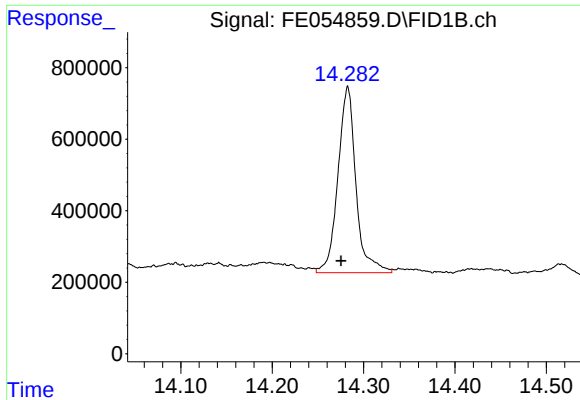
#11 n-Heneicosane (C21)

R.T.: 13.694 min
Delta R.T.: 0.008 min
Response: 6645180
Conc: 46.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.528 min
Delta R.T.: 0.008 min
Response: 4144379
Conc: 32.82 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.282 min
Delta R.T.: 0.007 min
Response: 7121310
Conc: 49.87 ug/ml

Instrument :

FID_E

ClientSampleId :

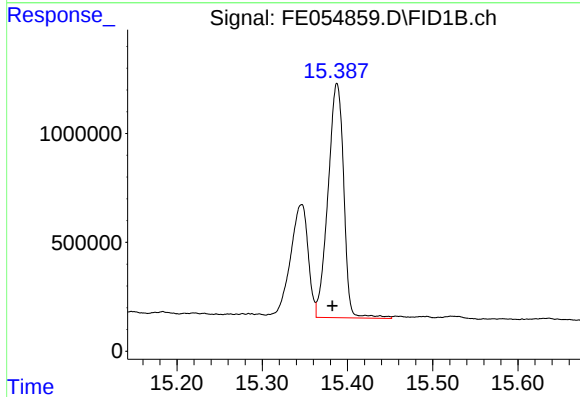
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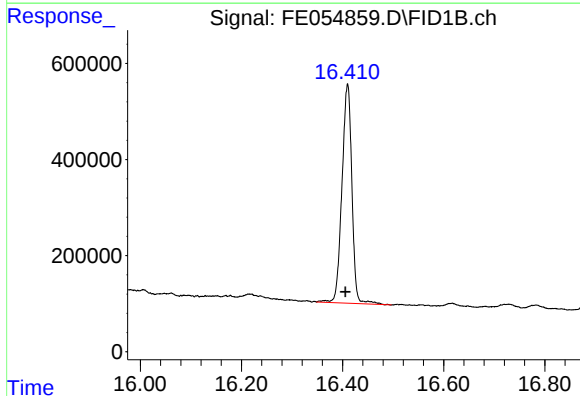
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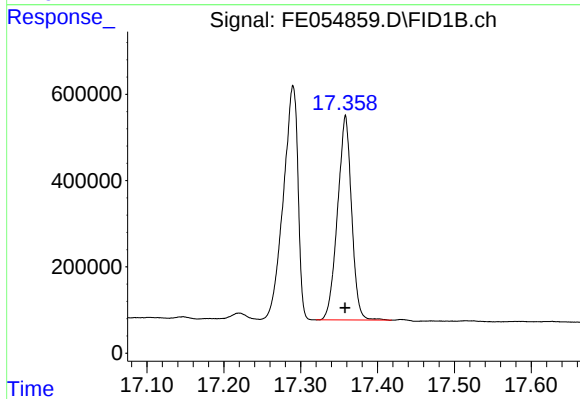
#14 n-Tetracosane (C24)

R.T.: 15.388 min
Delta R.T.: 0.005 min
Response: 13761168
Conc: 94.67 ug/ml



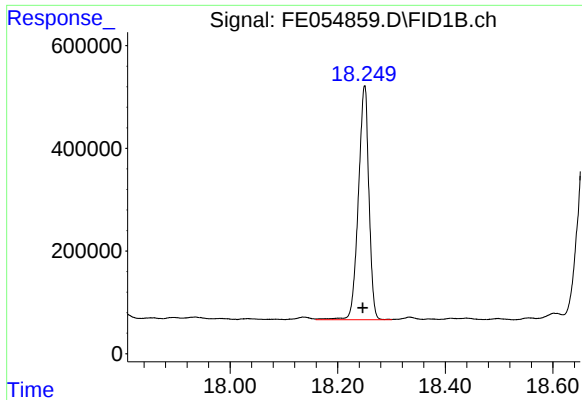
#15 n-Hexacosane (C26)

R.T.: 16.410 min
Delta R.T.: 0.005 min
Response: 6228350
Conc: 43.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.358 min
Delta R.T.: 0.000 min
Response: 6001894
Conc: 41.18 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.250 min
Delta R.T.: 0.003 min
Response: 6198212
Conc: 39.33 ug/ml

Instrument :

FID_E

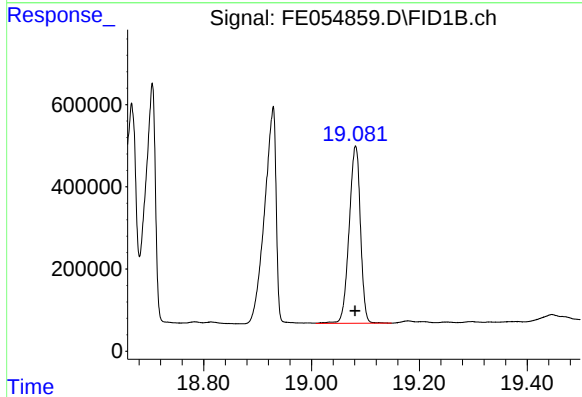
ClientSampleId :

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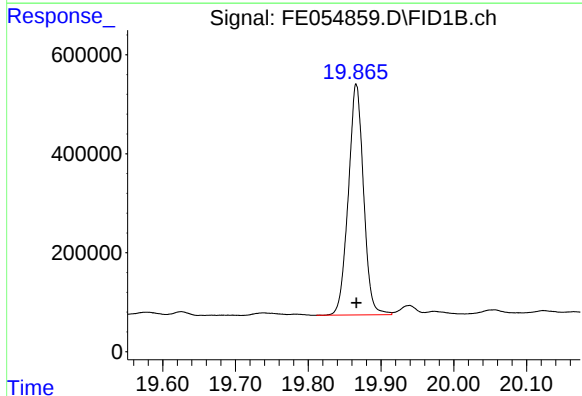
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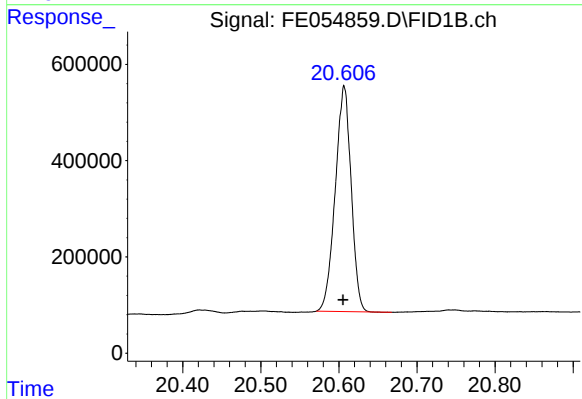
#18 n-Dotriacontane (C32)

R.T.: 19.082 min
Delta R.T.: 0.000 min
Response: 6283290
Conc: 38.84 ug/ml



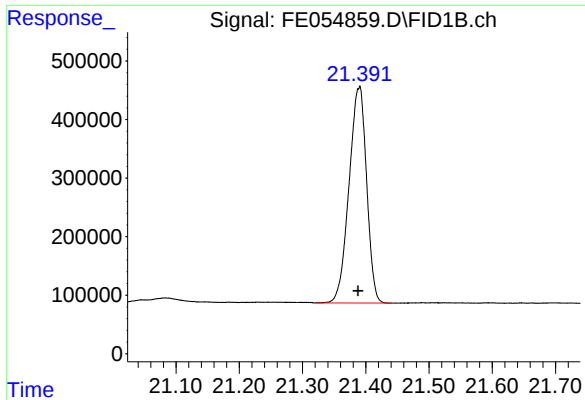
#19 n-Tetratriacontane (C34)

R.T.: 19.866 min
Delta R.T.: 0.000 min
Response: 6781185
Conc: 44.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.607 min
Delta R.T.: 0.001 min
Response: 6633589
Conc: 49.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.389 min
Delta R.T.: 0.002 min
Response: 7122498
Conc: 60.73 ug/ml

Instrument :

FID_E

ClientSampleId :

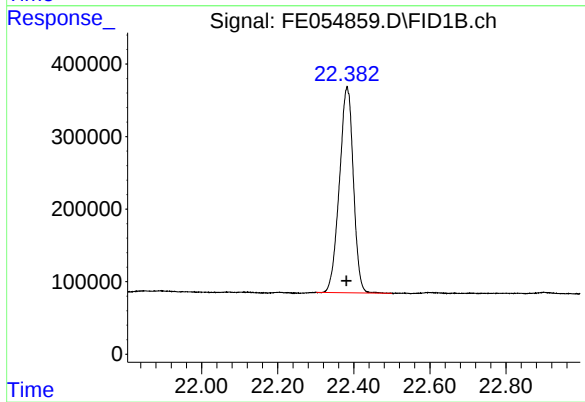
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#22 n-Tetracontane (C40)

R.T.: 22.382 min
Delta R.T.: 0.002 min
Response: 7230023
Conc: 66.71 ug/ml