

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072925AL\
 Data File : FE055072.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jul 2025 17:27
 Operator : YP\AJ
 Sample : Q2709-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 7211935-295MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2025
 Supervised By :mohammad ahmed 07/31/2025

Integration File: sample.E
 Quant Time: Jul 30 00:25:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 26 03:55:28 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)	12.092	5733564	38.735 ug/mlm
Spiked Amount 50.000		Recovery =	77.47%
12) S 1-chlorooctadecane (S...	13.527	4617008	41.229 ug/ml
Spiked Amount 50.000		Recovery =	82.46%
Target Compounds			
1) T n-Nonane (C9)	3.425	3561253	29.333 ug/ml
2) T n-Decane (C10)	4.684	4083718	32.994 ug/ml
3) T A~Naphthalene (C11.7)	6.403	5326562	37.424 ug/ml
4) T n-Dodecane (C12)	6.860	4809094	37.943 ug/ml
5) T A~2-methylnaphthalene...	7.505	5398837	39.071 ug/ml
6) T n-Tetradecane (C14)	8.699	5633903	42.906 ug/ml
7) T n-Hexadecane (C16)	10.314	6301063	46.840 ug/ml
8) T n-Octadecane (C18)	11.765	6318906	46.427 ug/mlm
10) T n-Eicosane (C20)	13.081	6755423	51.911 ug/ml
11) T n-Heneicosane (C21)	13.694	6278314	49.371 ug/mlm
13) T n-Docosane (C22)	14.282	6362172	50.418 ug/ml
14) T n-Tetracosane (C24)	15.390	12896915	102.908 ug/ml
15) T n-Hexacosane (C26)	16.413	6087027	49.270 ug/ml
16) T n-Octacosane (C28)	17.363	6037117	48.700 ug/ml
17) T n-Tricontane (C30)	18.255	6191272	47.245 ug/ml
18) T n-Dotriacontane (C32)	19.087	6182310	47.417 ug/ml
19) T n-Tetratriacontane (C34)	19.873	6421589	51.798 ug/ml
20) T n-Hexatriacontane (C36)	20.613	6269500	54.576 ug/ml
21) T n-Octatriacontane (C38)	21.396	6493816	57.779 ug/ml
22) T n-Tetracontane (C40)	22.389	6390553	57.956 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : Q2709-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

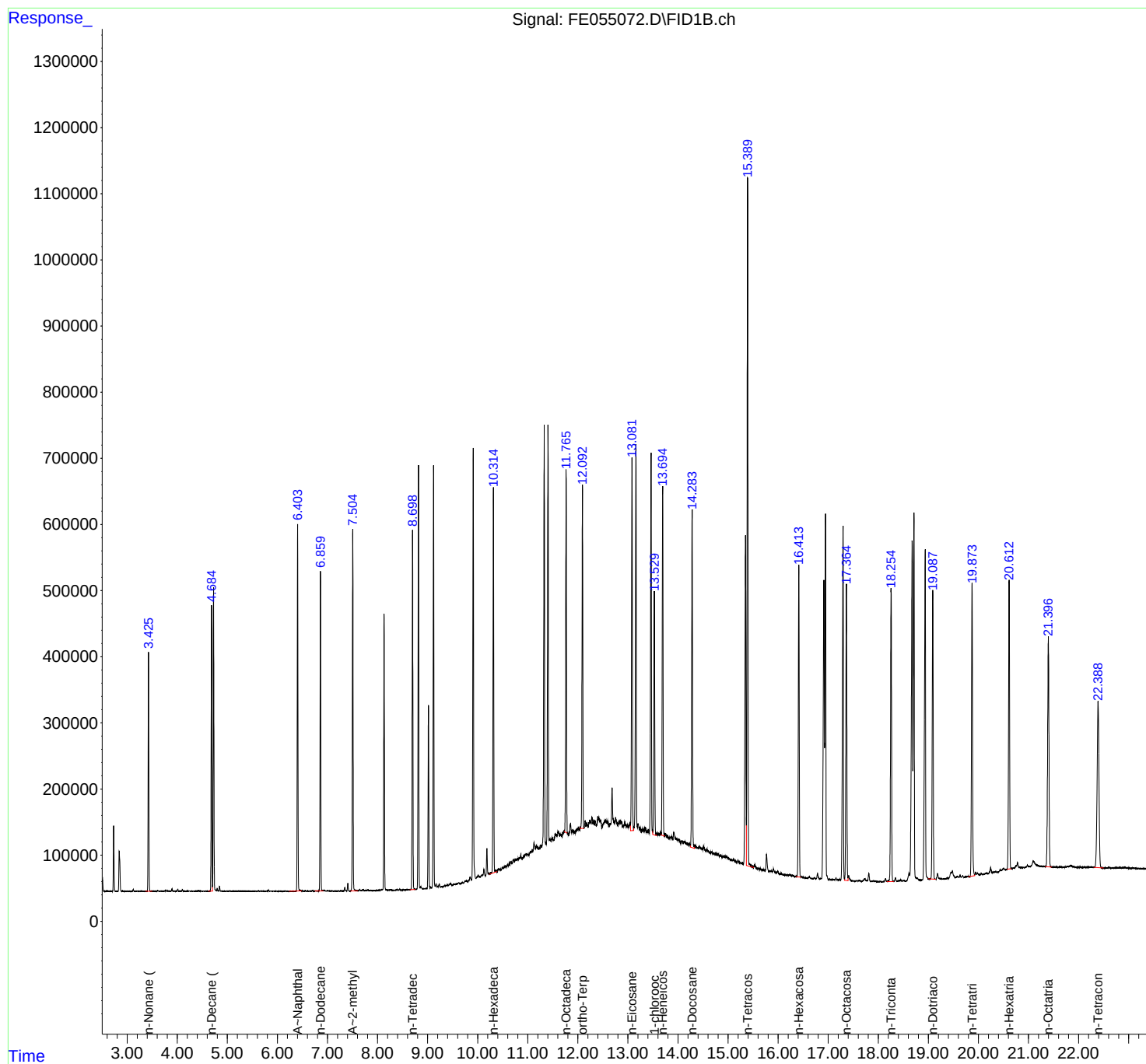
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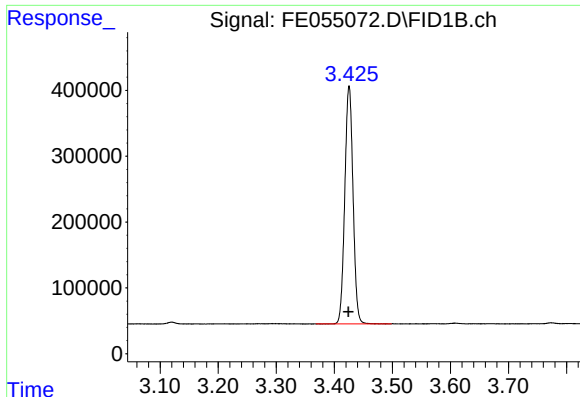
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#1 n-Nonane (C9)

R.T.: 3.425 min
Delta R.T.: 0.001 min
Response: 3561253
Conc: 29.33 ug/ml

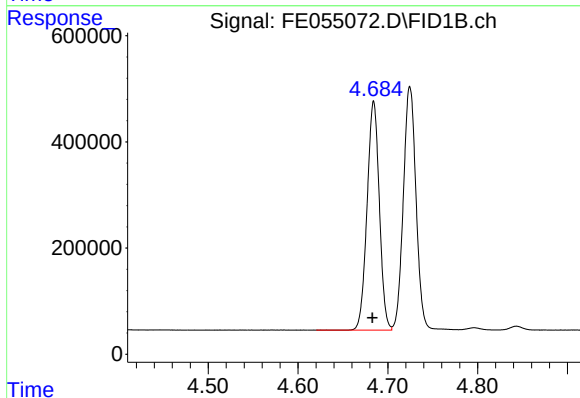
Instrument :

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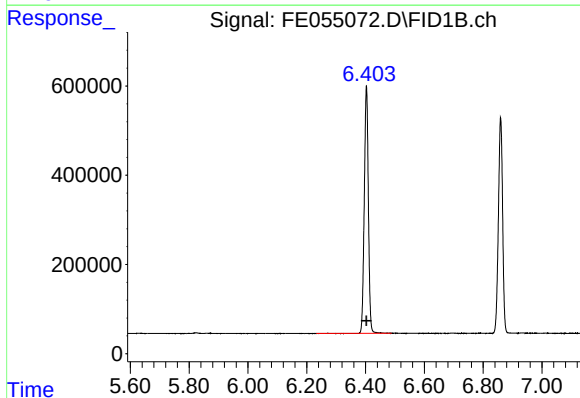
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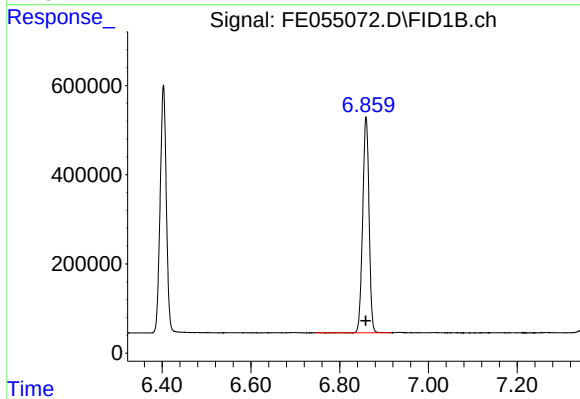
#2 n-Decane (C10)

R.T.: 4.684 min
Delta R.T.: 0.001 min
Response: 4083718
Conc: 32.99 ug/ml



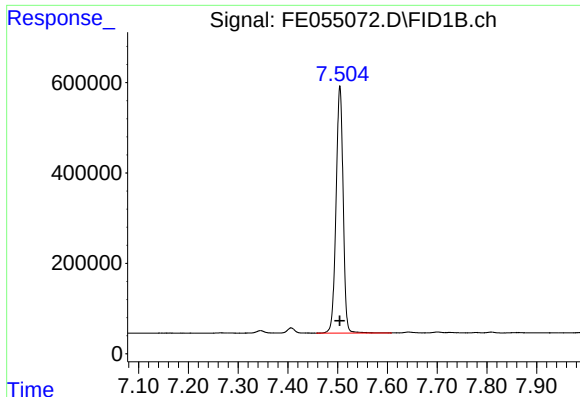
#3 A~Naphthalene (C11.7)

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 5326562
Conc: 37.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 4809094
Conc: 37.94 ug/ml



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

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 5398837
Conc: 39.07 ug/ml

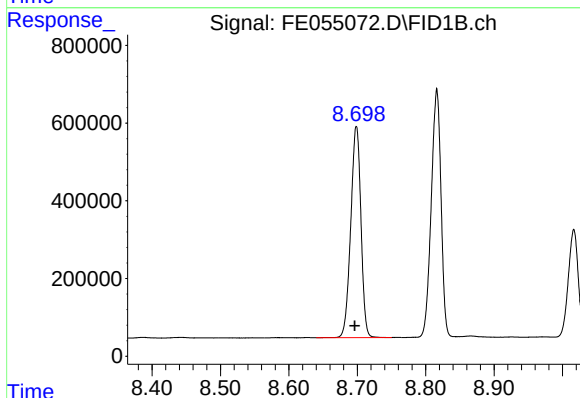
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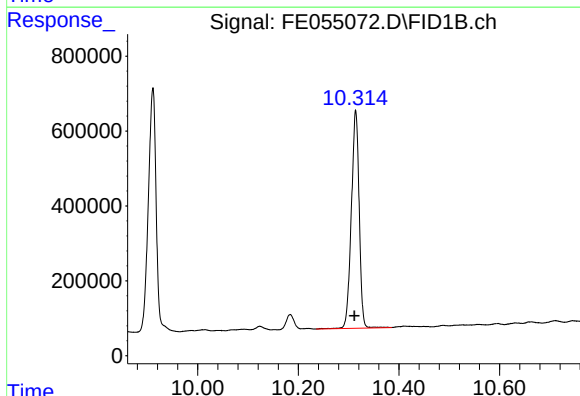
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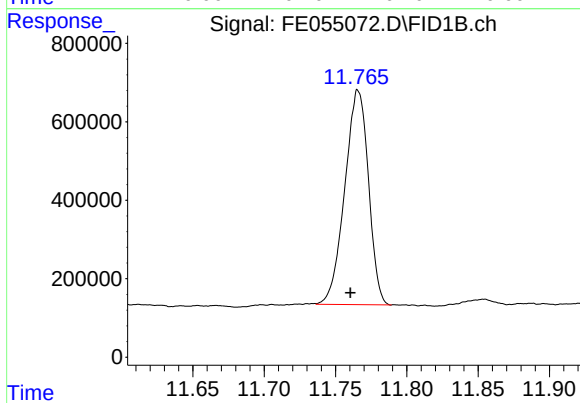
#6 n-Tetradecane (C14)

R.T.: 8.699 min
Delta R.T.: 0.002 min
Response: 5633903
Conc: 42.91 ug/ml



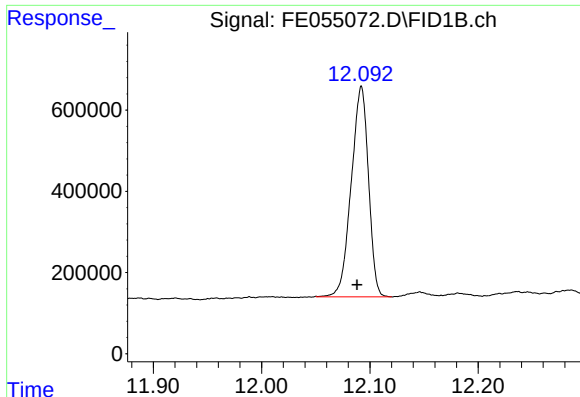
#7 n-Hexadecane (C16)

R.T.: 10.314 min
Delta R.T.: 0.003 min
Response: 6301063
Conc: 46.84 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.765 min
Delta R.T.: 0.004 min
Response: 6318906
Conc: 46.43 ug/ml m



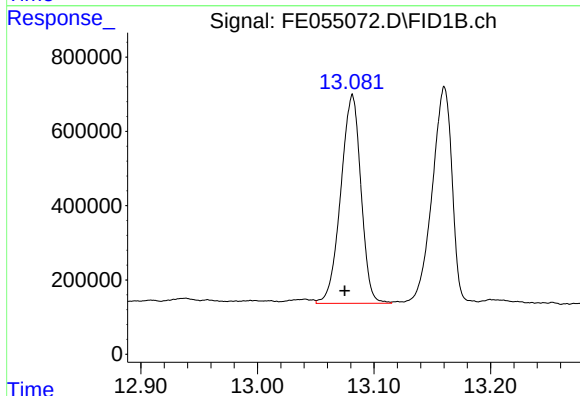
#9 ortho-Terphenyl (SURR)

R.T.: 12.092 min
Delta R.T.: 0.004 min
Response: 5733564
Conc: 38.73 ug/ml

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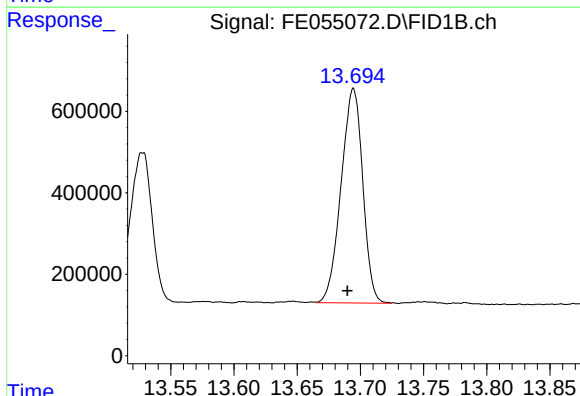
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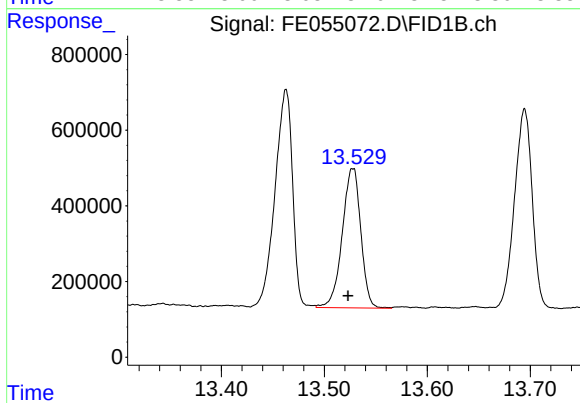
#10 n-Eicosane (C20)

R.T.: 13.081 min
Delta R.T.: 0.006 min
Response: 6755423
Conc: 51.91 ug/ml



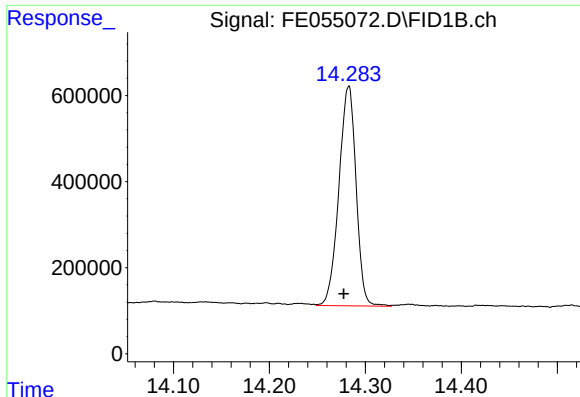
#11 n-Heneicosane (C21)

R.T.: 13.694 min
Delta R.T.: 0.004 min
Response: 6278314
Conc: 49.37 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.527 min
Delta R.T.: 0.005 min
Response: 4617008
Conc: 41.23 ug/ml



#13 n-Docosane (C22)

R.T.: 14.282 min
Delta R.T.: 0.005 min
Response: 6362172
Conc: 50.42 ug/ml

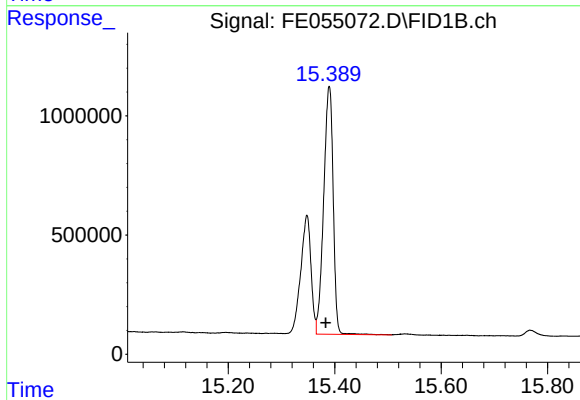
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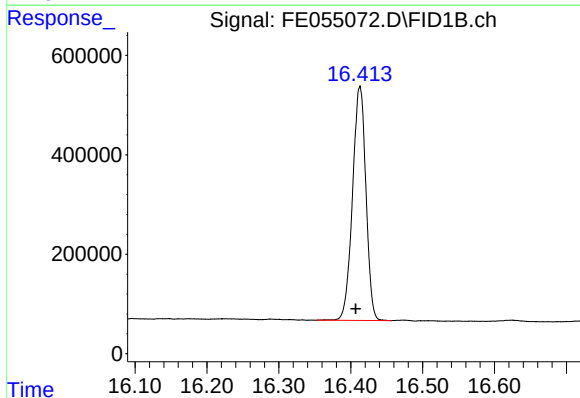
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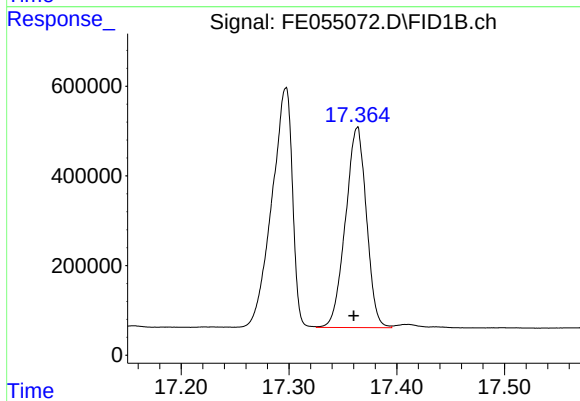
#14 n-Tetracosane (C24)

R.T.: 15.390 min
Delta R.T.: 0.006 min
Response: 12896915
Conc: 102.91 ug/ml



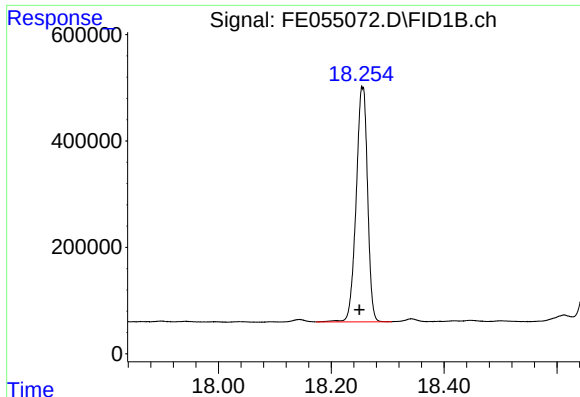
#15 n-Hexacosane (C26)

R.T.: 16.413 min
Delta R.T.: 0.006 min
Response: 6087027
Conc: 49.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.363 min
Delta R.T.: 0.003 min
Response: 6037117
Conc: 48.70 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.255 min
Delta R.T.: 0.006 min
Response: 6191272
Conc: 47.25 ug/ml

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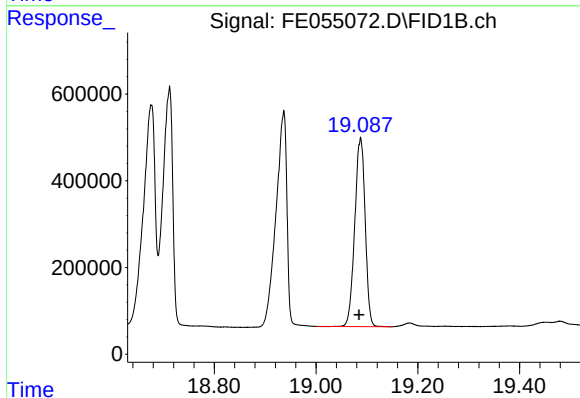
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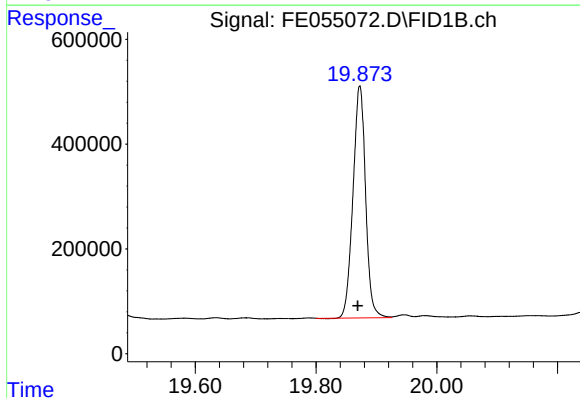
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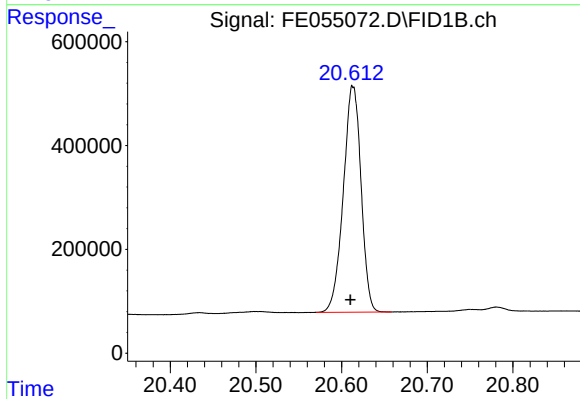
#18 n-Dotriacontane (C32)

R.T.: 19.087 min
Delta R.T.: 0.003 min
Response: 6182310
Conc: 47.42 ug/ml



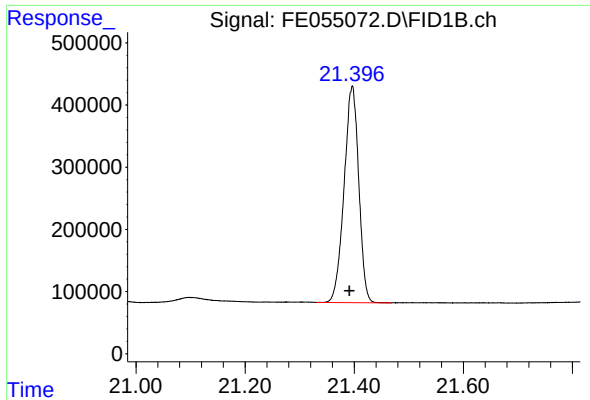
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: 0.003 min
Response: 6421589
Conc: 51.80 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.613 min
Delta R.T.: 0.003 min
Response: 6269500
Conc: 54.58 ug/ml



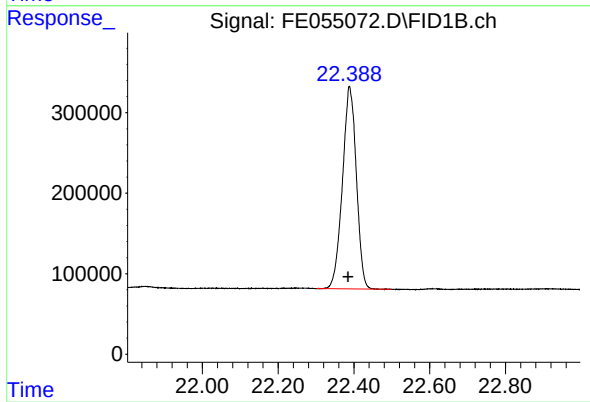
#21 n-Octatriacontane (C38)

R.T.: 21.396 min
Delta R.T.: 0.005 min
Response: 6493816
Conc: 57.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.389 min
Delta R.T.: 0.004 min
Response: 6390553
Conc: 57.96 ug/ml