

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101525AL\
 Data File : FE056333.D
 Signal(s) : FID1B.ch
 Acq On : 15 Oct 2025 17:20
 Operator : YP\AJ
 Sample : Q3337-03MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LAYDOWN-YARD-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2025
 Supervised By :mohammad ahmed 10/17/2025

Integration File: sample.E
 Quant Time: Oct 16 07:26:14 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)	12.064	5352808	28.525 ug/ml
Spiked Amount 50.000		Recovery =	57.05%
12) S 1-chlorooctadecane (S...	13.500	4176780	29.927 ug/ml
Spiked Amount 50.000		Recovery =	59.85%
Target Compounds			
1) T n-Nonane (C9)	3.400	2474115	18.060 ug/ml
2) T n-Decane (C10)	4.662	2905424	20.818 ug/ml
3) T A~Naphthalene (C11.7)	6.383	10870791	68.085 ug/ml
4) T n-Dodecane (C12)	6.837	3616096	25.194 ug/ml
5) T A~2-methylnaphthalene...	7.486	12296987	79.071 ug/ml
6) T n-Tetradecane (C14)	8.676	4536368	30.683 ug/ml
7) T n-Hexadecane (C16)	10.288	5301213	33.360 ug/ml
8) T n-Octadecane (C18)	11.738	5815419	34.333 ug/ml
10) T n-Eicosane (C20)	13.054	6218267	37.513 ug/ml
11) T n-Heneicosane (C21)	13.667	6178069	38.021 ug/ml
13) T n-Docosane (C22)	14.256	6177576	38.660 ug/ml
14) T n-Tetracosane (C24)	15.370	18511617	121.483 ug/ml
15) T n-Hexacosane (C26)	16.390	5243054	36.760 ug/mlm
16) T n-Octacosane (C28)	17.338	5411811	38.848 ug/mlm
17) T n-Tricontane (C30)	18.230	4923557	33.227 ug/mlm
18) T n-Dotriacontane (C32)	19.063	4912586	32.926 ug/ml
19) T n-Tetratriacontane (C34)	19.850	5017016	35.468 ug/ml
20) T n-Hexatriacontane (C36)	20.590	4768163	37.144 ug/ml
21) T n-Octatriacontane (C38)	21.365	4645915	35.372 ug/mlm
22) T n-Tetracontane (C40)	22.348	4085928	34.345 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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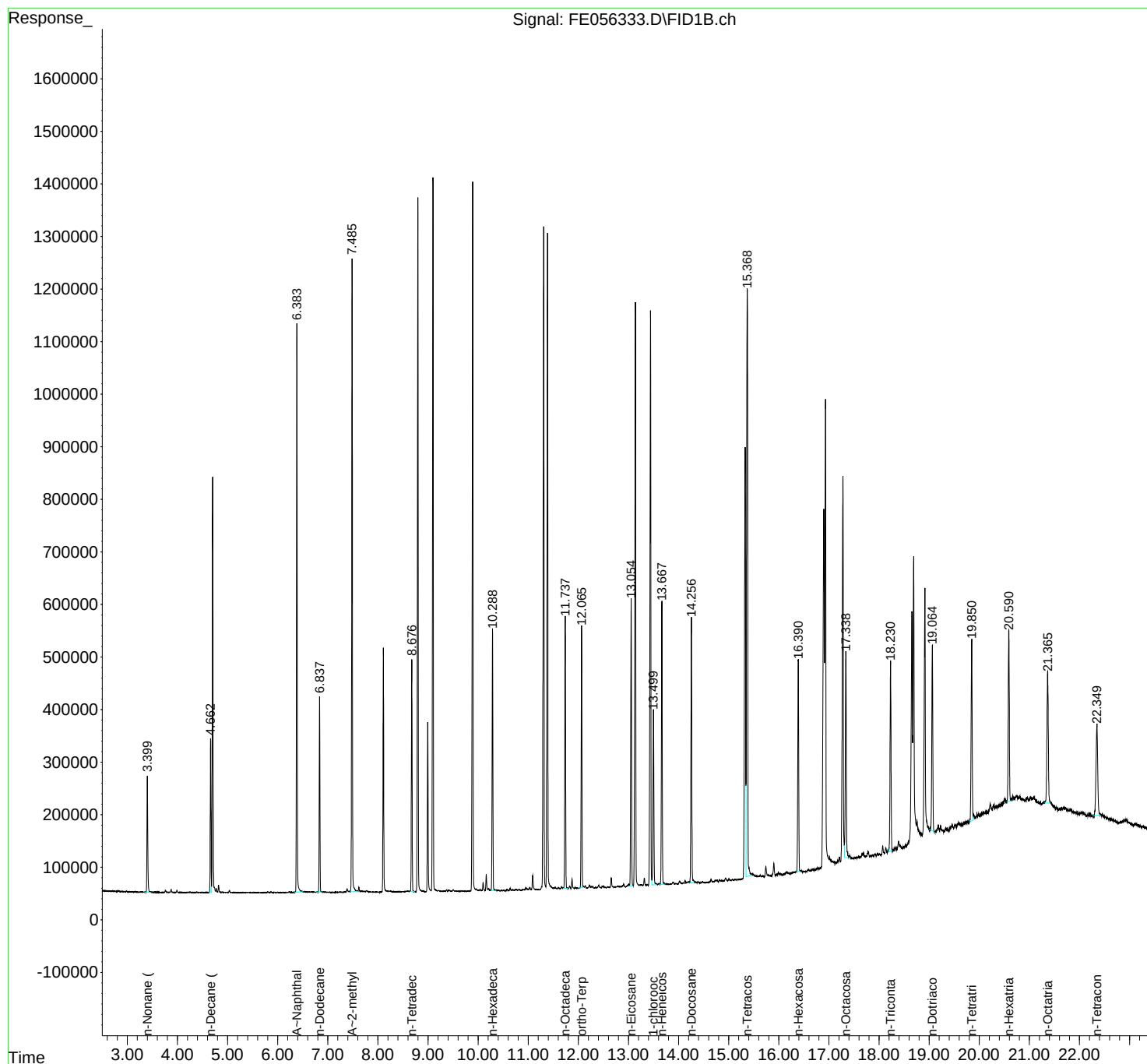
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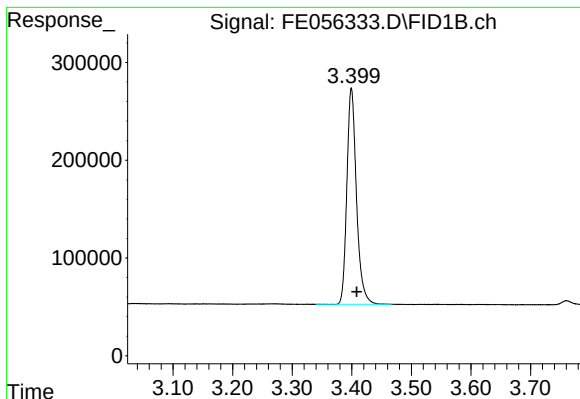
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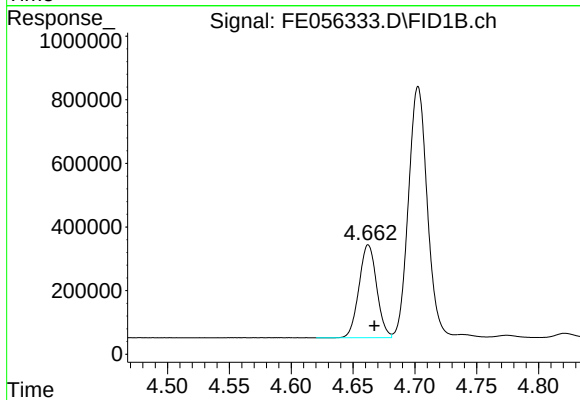
#1 n-Nonane (C9)

R.T.: 3.400 min
Delta R.T.: -0.008 min
Response: 2474115
Conc: 18.06 ug/ml

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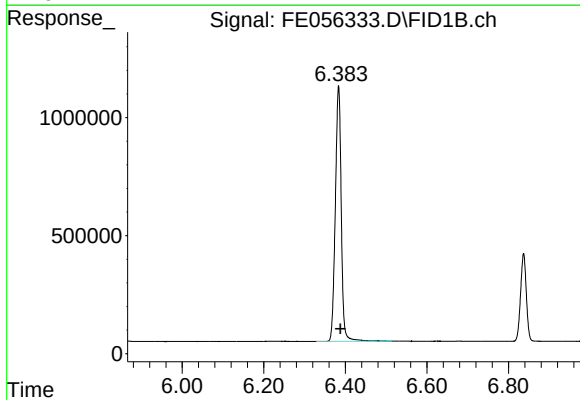
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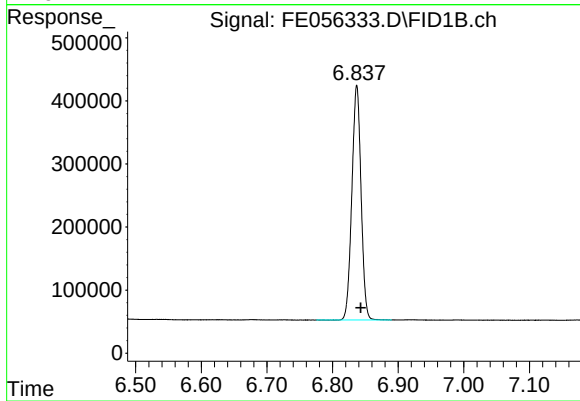
#2 n-Decane (C10)

R.T.: 4.662 min
Delta R.T.: -0.005 min
Response: 2905424
Conc: 20.82 ug/ml



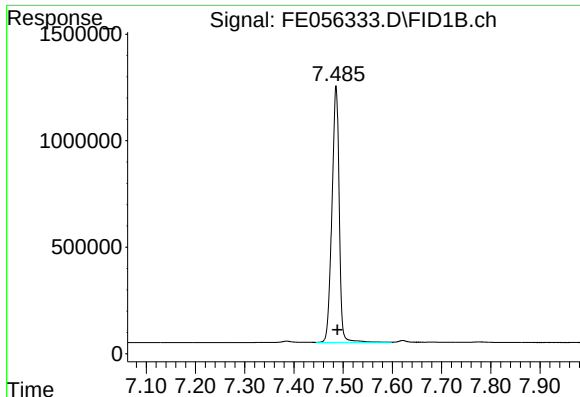
#3 A~Naphthalene (C11.7)

R.T.: 6.383 min
Delta R.T.: -0.005 min
Response: 10870791
Conc: 68.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.837 min
Delta R.T.: -0.006 min
Response: 3616096
Conc: 25.19 ug/ml



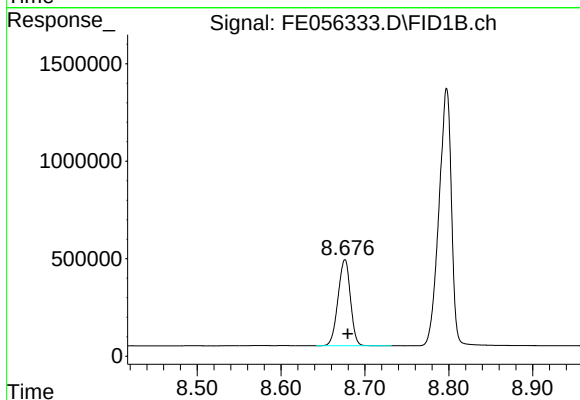
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.486 min
Delta R.T.: -0.003 min
Response: 12296987
Conc: 79.07 ug/ml

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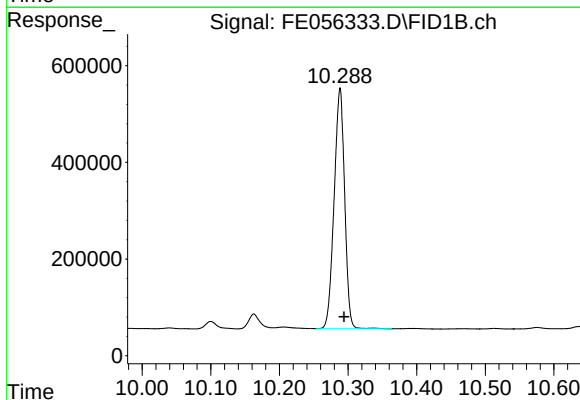
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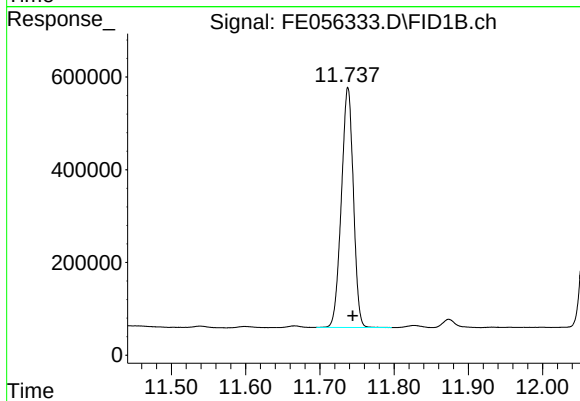
#6 n-Tetradecane (C14)

R.T.: 8.676 min
Delta R.T.: -0.003 min
Response: 4536368
Conc: 30.68 ug/ml



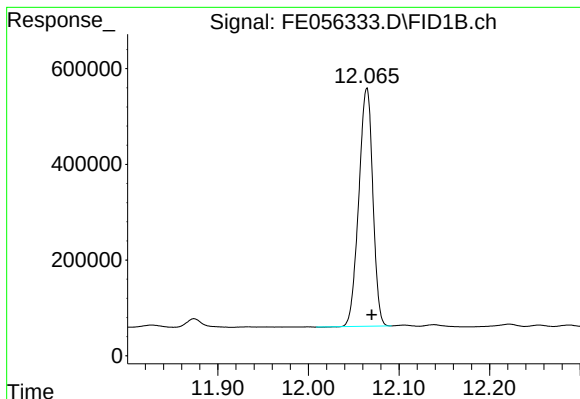
#7 n-Hexadecane (C16)

R.T.: 10.288 min
Delta R.T.: -0.006 min
Response: 5301213
Conc: 33.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.738 min
Delta R.T.: -0.006 min
Response: 5815419
Conc: 34.33 ug/ml



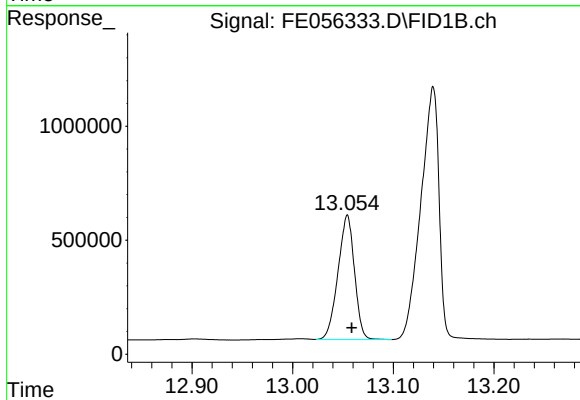
#9 ortho-Terphenyl (SURR)

R.T.: 12.064 min
Delta R.T.: -0.006 min
Response: 5352808
Conc: 28.53 ug/ml

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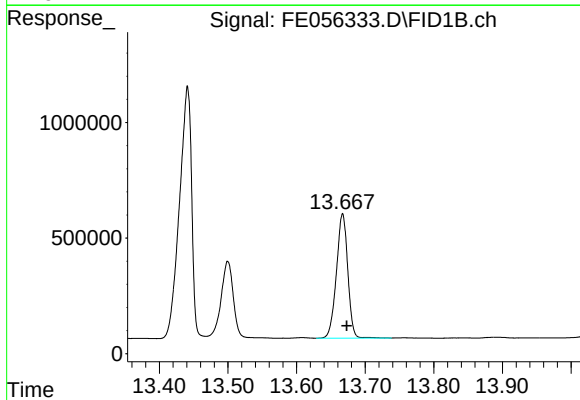
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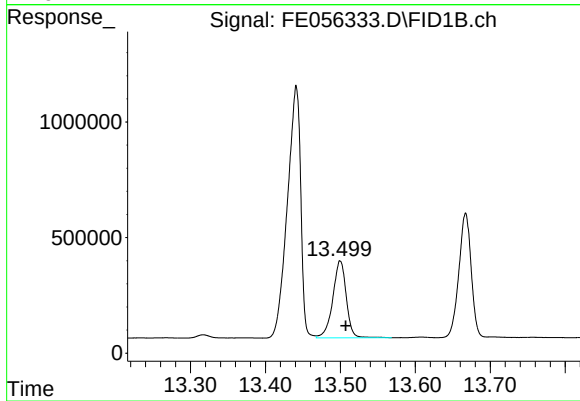
#10 n-Eicosane (C20)

R.T.: 13.054 min
Delta R.T.: -0.005 min
Response: 6218267
Conc: 37.51 ug/ml



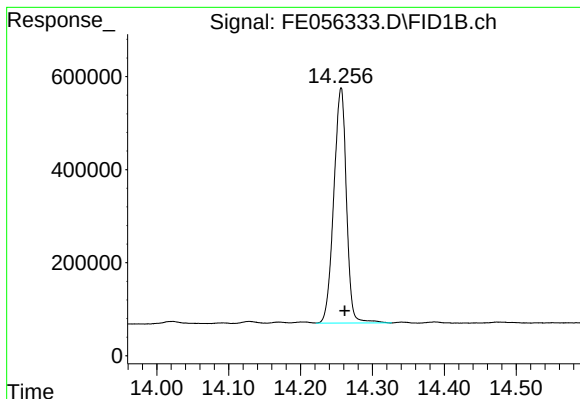
#11 n-Heneicosane (C21)

R.T.: 13.667 min
Delta R.T.: -0.006 min
Response: 6178069
Conc: 38.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.500 min
Delta R.T.: -0.008 min
Response: 4176780
Conc: 29.93 ug/ml



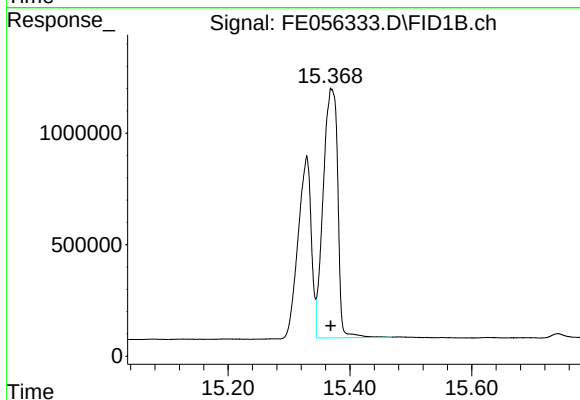
#13 n-Docosane (C22)

R.T.: 14.256 min
Delta R.T.: -0.005 min
Response: 6177576
Conc: 38.66 ug/ml

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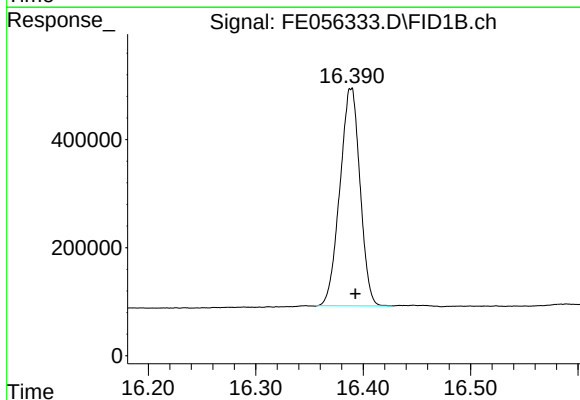
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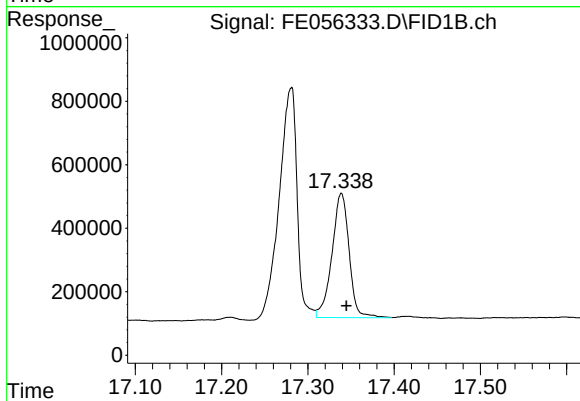
#14 n-Tetracosane (C24)

R.T.: 15.370 min
Delta R.T.: 0.002 min
Response: 18511617
Conc: 121.48 ug/ml



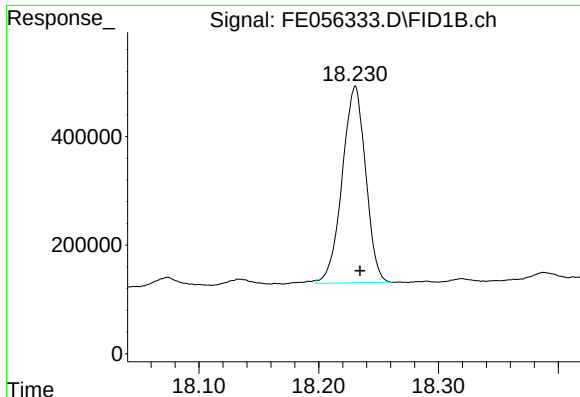
#15 n-Hexacosane (C26)

R.T.: 16.390 min
Delta R.T.: -0.003 min
Response: 5243054
Conc: 36.76 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.338 min
Delta R.T.: -0.006 min
Response: 5411811
Conc: 38.85 ug/ml m



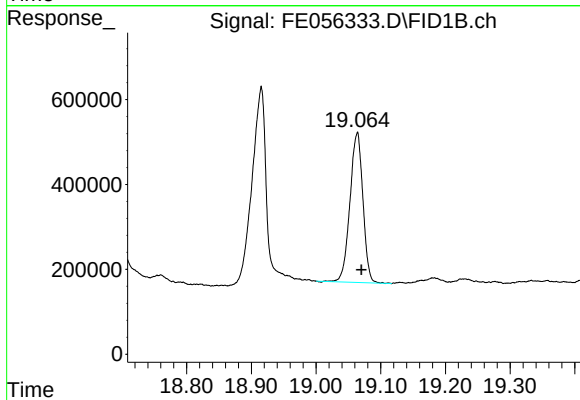
#17 n-Tricontane (C30)

R.T.: 18.230 min
Delta R.T.: -0.004 min
Response: 4923557
Conc: 33.23 ug/ml

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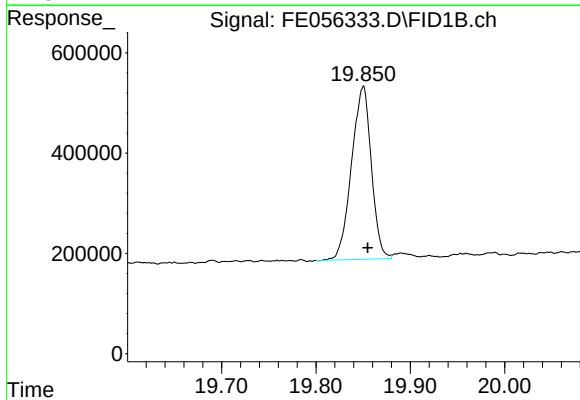
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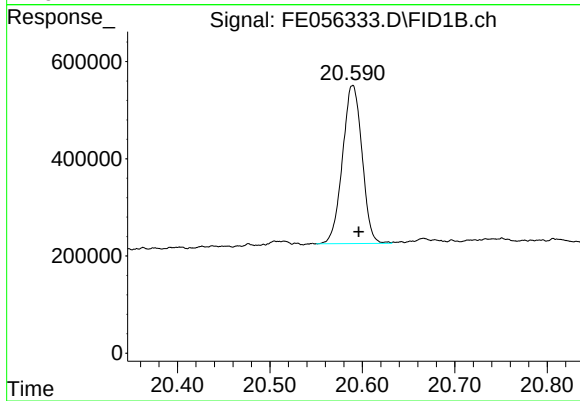
#18 n-Dotriacontane (C32)

R.T.: 19.063 min
Delta R.T.: -0.007 min
Response: 4912586
Conc: 32.93 ug/ml



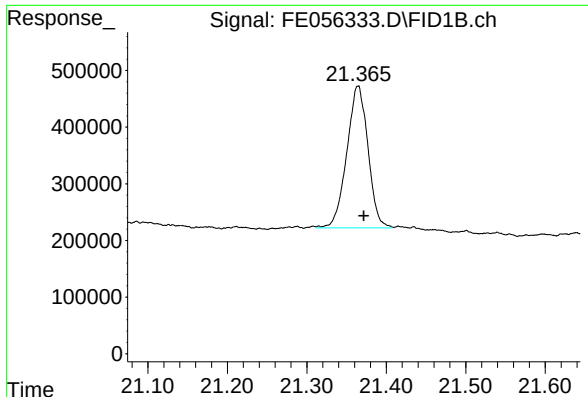
#19 n-Tetratriacontane (C34)

R.T.: 19.850 min
Delta R.T.: -0.005 min
Response: 5017016
Conc: 35.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.590 min
Delta R.T.: -0.006 min
Response: 4768163
Conc: 37.14 ug/ml



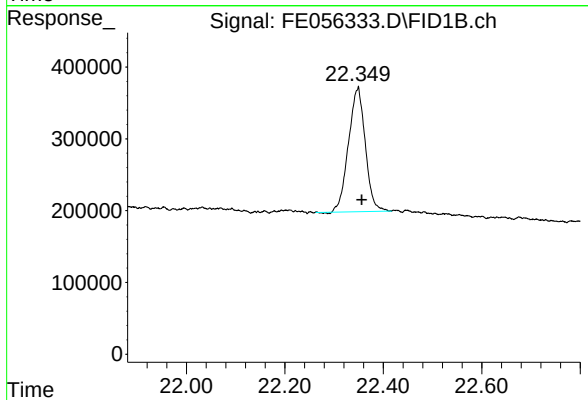
#21 n-Octatriacontane (C38)

R.T.: 21.365 min
Delta R.T.: -0.006 min
Response: 4645915
Conc: 35.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.348 min
Delta R.T.: -0.009 min
Response: 4085928
Conc: 34.34 ug/ml