

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101525AL\
 Data File : FE056332.D
 Signal(s) : FID1B.ch
 Acq On : 15 Oct 2025 16:50
 Operator : YP\AJ
 Sample : Q3337-03MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LAYDOWN-YARD-2MS

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 07:23:04 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	5505541	29.339 ug/ml
Spiked Amount 50.000		Recovery =	58.68%
12) S 1-chlorooctadecane (S...	13.499	4275208	30.632 ug/ml
Spiked Amount 50.000		Recovery =	61.26%
Target Compounds			
1) T n-Nonane (C9)	3.399	2602046	18.994 ug/ml
2) T n-Decane (C10)	4.662	3065399	21.964 ug/ml
3) T A~Naphthalene (C11.7)	6.383	11405377	71.434 ug/ml
4) T n-Dodecane (C12)	6.837	3830599	26.689 ug/ml
5) T A~2-methylnaphthalene...	7.486	12817734	82.419 ug/ml
6) T n-Tetradecane (C14)	8.676	4799128	32.461 ug/ml
7) T n-Hexadecane (C16)	10.288	5558487	34.979 ug/ml
8) T n-Octadecane (C18)	11.738	6049063	35.712 ug/ml
10) T n-Eicosane (C20)	13.053	6393486	38.570 ug/ml
11) T n-Heneicosane (C21)	13.667	6330009	38.956 ug/ml
13) T n-Docosane (C22)	14.255	6314308	39.516 ug/ml
14) T n-Tetracosane (C24)	15.370	18602902	122.082 ug/ml
15) T n-Hexacosane (C26)	16.388	5442034	38.155 ug/ml
16) T n-Octacosane (C28)	17.338	5494015	39.439 ug/mlm
17) T n-Tricontane (C30)	18.229	4975914	33.580 ug/mlm
18) T n-Dotriacontane (C32)	19.063	5039794	33.779 ug/ml
19) T n-Tetratriacontane (C34)	19.848	5138663	36.328 ug/ml
20) T n-Hexatriacontane (C36)	20.590	4809351	37.464 ug/ml
21) T n-Octatriacontane (C38)	21.363	4417176	33.631 ug/mlm
22) T n-Tetracontane (C40)	22.344	3718009	31.252 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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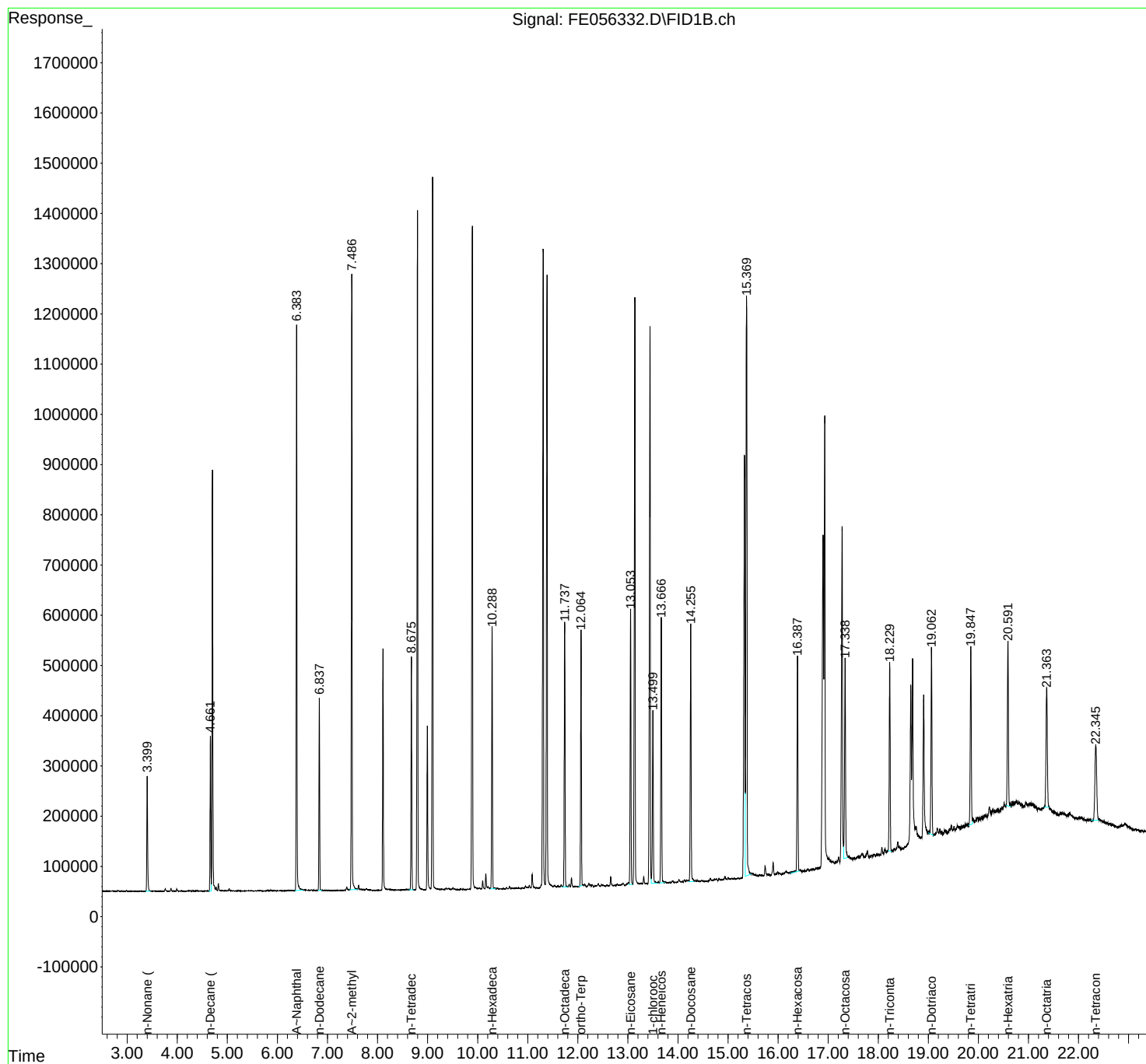
Instrument :
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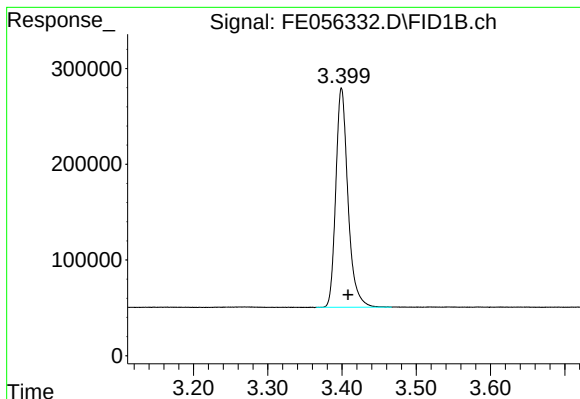
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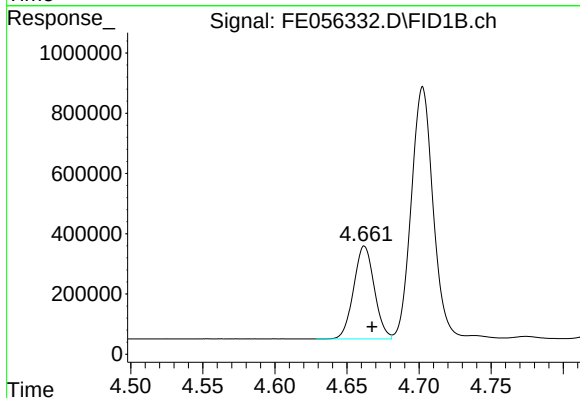
#1 n-Nonane (C9)

R.T.: 3.399 min
Delta R.T.: -0.009 min
Response: 2602046
Conc: 18.99 ug/ml

Instrument :
FID_E
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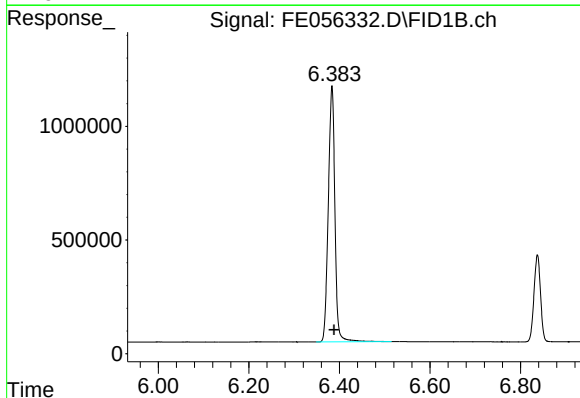
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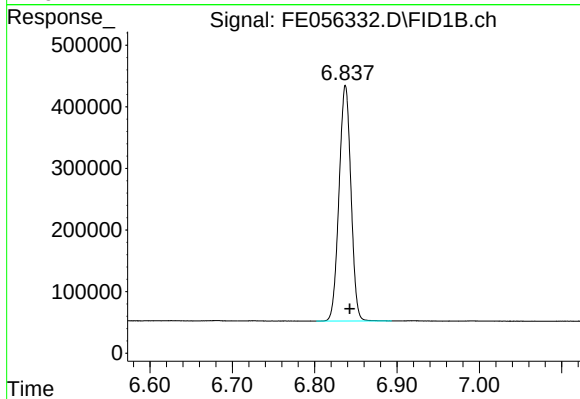
#2 n-Decane (C10)

R.T.: 4.662 min
Delta R.T.: -0.005 min
Response: 3065399
Conc: 21.96 ug/ml



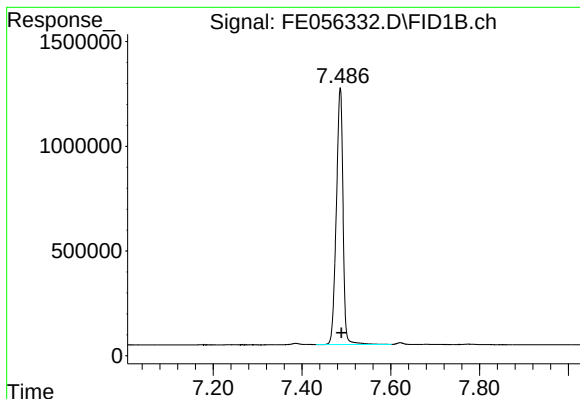
#3 A~Naphthalene (C11.7)

R.T.: 6.383 min
Delta R.T.: -0.005 min
Response: 11405377
Conc: 71.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.837 min
Delta R.T.: -0.005 min
Response: 3830599
Conc: 26.69 ug/ml



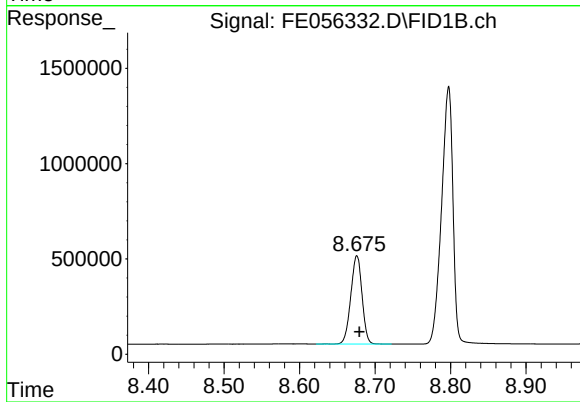
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.486 min
Delta R.T.: -0.003 min
Response: 12817734
Conc: 82.42 ug/ml

Instrument :
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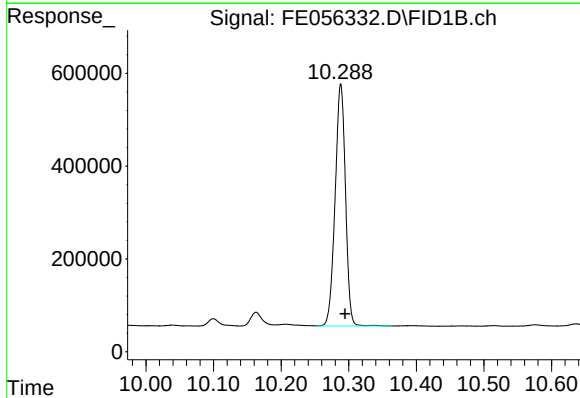
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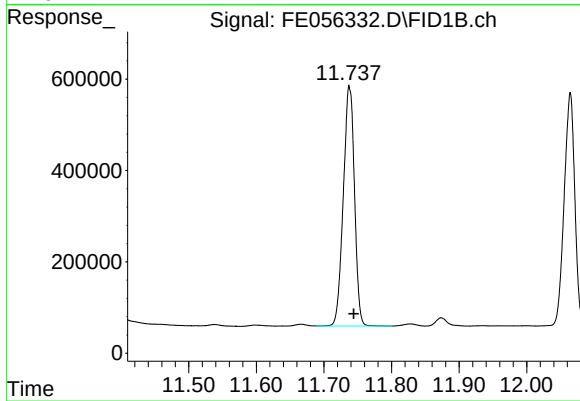
#6 n-Tetradecane (C14)

R.T.: 8.676 min
Delta R.T.: -0.003 min
Response: 4799128
Conc: 32.46 ug/ml



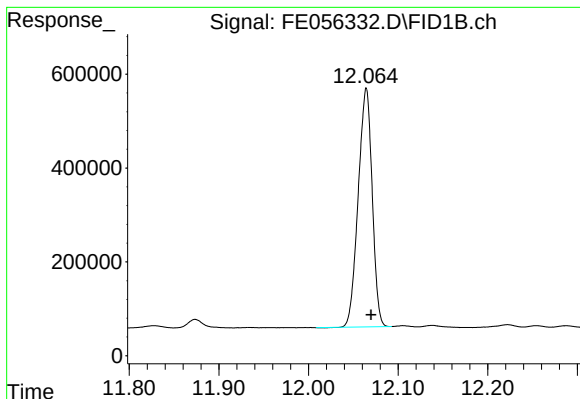
#7 n-Hexadecane (C16)

R.T.: 10.288 min
Delta R.T.: -0.006 min
Response: 5558487
Conc: 34.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.738 min
Delta R.T.: -0.006 min
Response: 6049063
Conc: 35.71 ug/ml



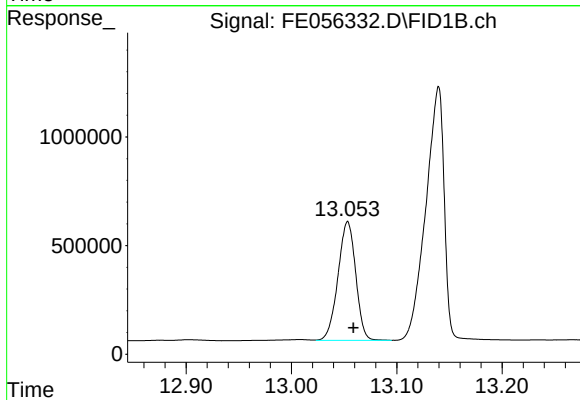
#9 ortho-Terphenyl (SURR)

R.T.: 12.064 min
Delta R.T.: -0.006 min
Response: 5505541
Conc: 29.34 ug/ml

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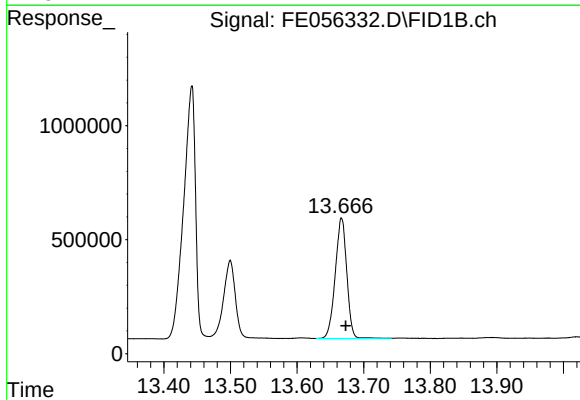
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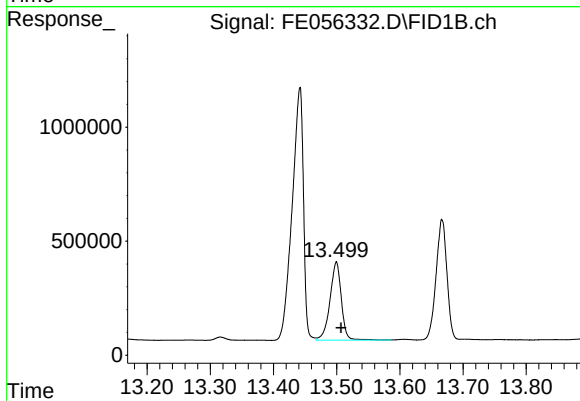
#10 n-Eicosane (C20)

R.T.: 13.053 min
Delta R.T.: -0.005 min
Response: 6393486
Conc: 38.57 ug/ml



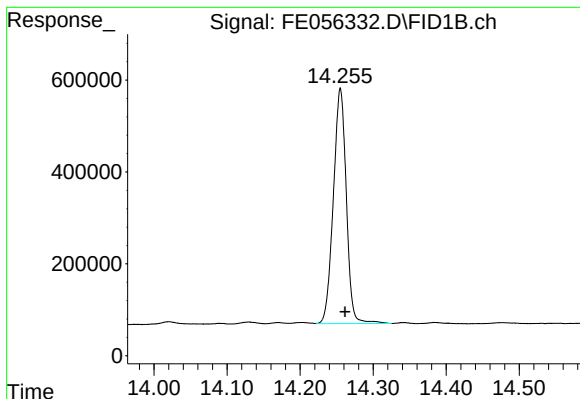
#11 n-Heneicosane (C21)

R.T.: 13.667 min
Delta R.T.: -0.006 min
Response: 6330009
Conc: 38.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.499 min
Delta R.T.: -0.008 min
Response: 4275208
Conc: 30.63 ug/ml



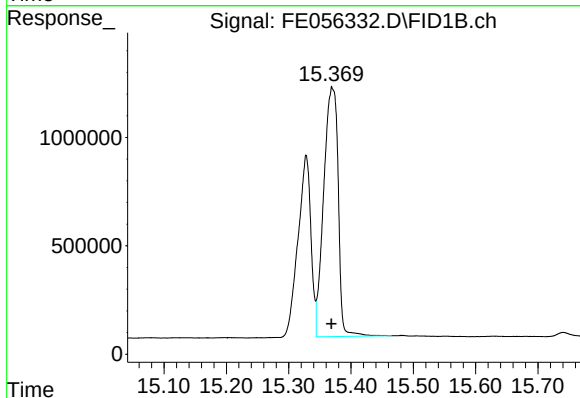
#13 n-Docosane (C22)

R.T.: 14.255 min
Delta R.T.: -0.006 min
Response: 6314308
Conc: 39.52 ug/ml

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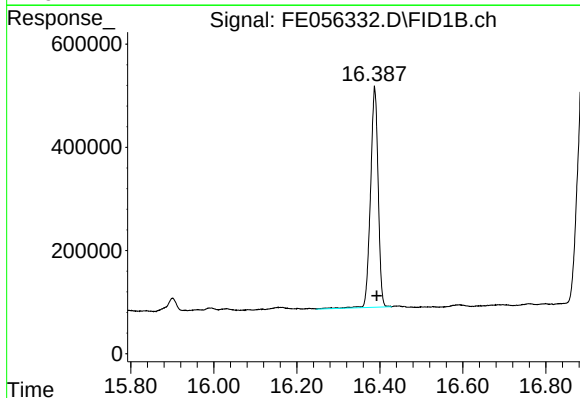
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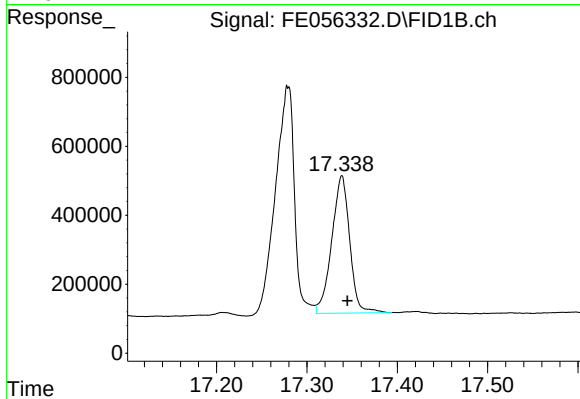
#14 n-Tetracosane (C24)

R.T.: 15.370 min
Delta R.T.: 0.001 min
Response: 18602902
Conc: 122.08 ug/ml



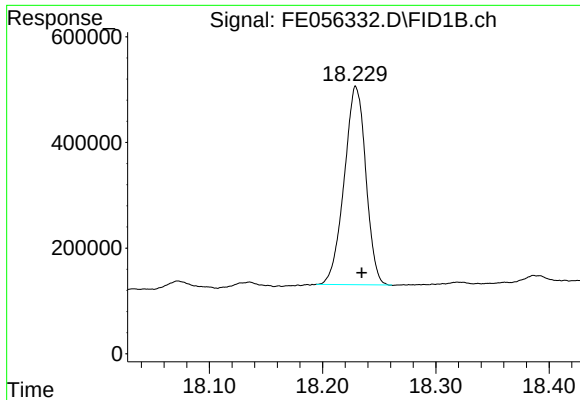
#15 n-Hexacosane (C26)

R.T.: 16.388 min
Delta R.T.: -0.005 min
Response: 5442034
Conc: 38.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.338 min
Delta R.T.: -0.006 min
Response: 5494015
Conc: 39.44 ug/ml m



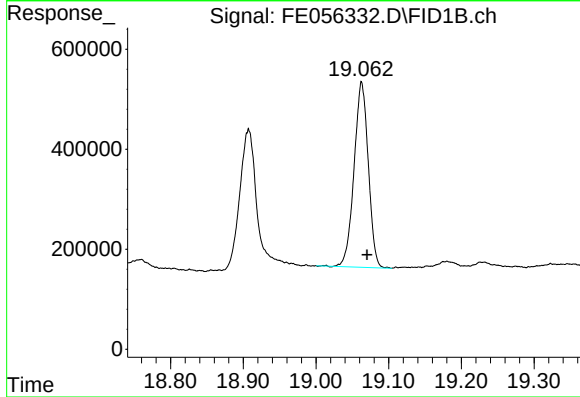
#17 n-Tricontane (C30)

R.T.: 18.229 min
Delta R.T.: -0.006 min
Response: 4975914
Conc: 33.58 ug/ml

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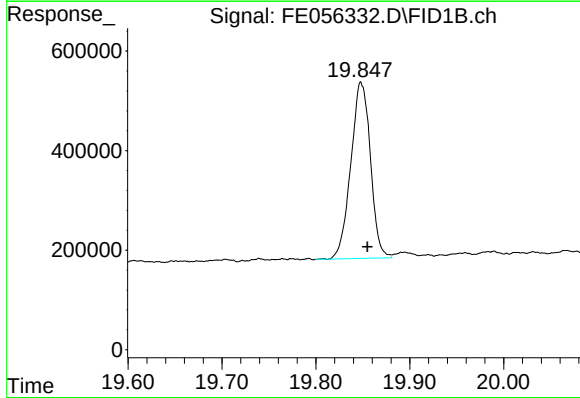
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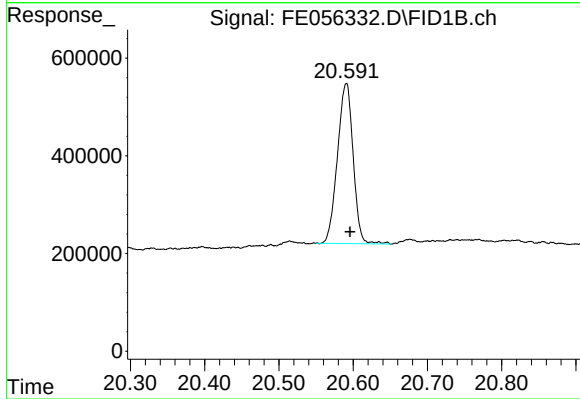
#18 n-Dotriacontane (C32)

R.T.: 19.063 min
Delta R.T.: -0.007 min
Response: 5039794
Conc: 33.78 ug/ml



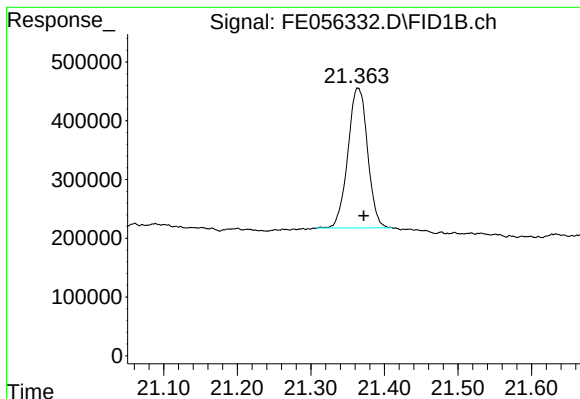
#19 n-Tetratriacontane (C34)

R.T.: 19.848 min
Delta R.T.: -0.006 min
Response: 5138663
Conc: 36.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.590 min
Delta R.T.: -0.006 min
Response: 4809351
Conc: 37.46 ug/ml



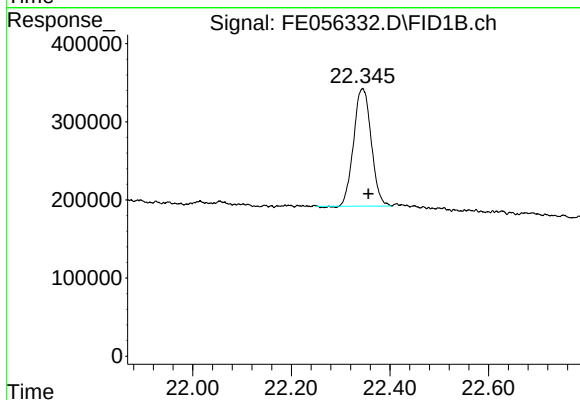
#21 n-Octatriacontane (C38)

R.T.: 21.363 min
Delta R.T.: -0.009 min
Response: 4417176
Conc: 33.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.344 min
Delta R.T.: -0.012 min
Response: 3718009
Conc: 31.25 ug/ml