

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031925AL\
 Data File : FE052865.D
 Signal(s) : FID1B.ch
 Acq On : 19 Mar 2025 16:02
 Operator : YP\AJ
 Sample : Q1598-03MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 72-11944MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/20/2025
 Supervised By :mohammad ahmed 03/24/2025

Integration File: autoint1.e
 Quant Time: Mar 20 01:42:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.922	8326888	49.392 ug/mlm
Spiked Amount 50.000		Recovery =	98.78%
12) S 1-chlorooctadecane (S...	13.368	4417707	36.382 ug/mlm
Spiked Amount 50.000		Recovery =	72.76%
Target Compounds			
1) T n-Nonane (C9)	3.249	5065315	32.669 ug/ml
2) T n-Decane (C10)	4.511	5769736	36.727 ug/ml
3) T A~Naphthalene (C11.7)	6.223	7001899	41.287 ug/ml
4) T n-Dodecane (C12)	6.690	6918255	44.433 ug/ml
5) T A~2-methylnaphthalene...	7.325	6869982	42.392 ug/ml
6) T n-Tetradecane (C14)	8.531	7554029	49.924 ug/mlm
7) T n-Hexadecane (C16)	10.151	7330591	47.948 ug/mlm
8) T n-Octadecane (C18)	11.610	8316707	54.664 ug/mlm
10) T n-Eicosane (C20)	12.927	7121011	49.051 ug/mlm
11) T n-Heneicosane (C21)	13.539	6280218	44.125 ug/mlm
13) T n-Docosane (C22)	14.126	7546028	53.026 ug/mlm
14) T n-Tetracosane (C24)	15.222	14385973	100.525 ug/mlm
15) T n-Hexacosane (C26)	16.245	6718789	47.251 ug/mlm
16) T n-Octacosane (C28)	17.192	6782226	47.697 ug/mlm
17) T n-Tricontane (C30)	18.083	6873111	46.534 ug/ml
18) T n-Dotriacontane (C32)	18.914	6856057	47.225 ug/ml
19) T n-Tetratriacontane (C34)	19.700	6928720	51.408 ug/ml
20) T n-Hexatriacontane (C36)	20.442	6769120	56.968 ug/ml
21) T n-Octatriacontane (C38)	21.184	6868024	61.910 ug/ml
22) T n-Tetracontane (C40)	22.105	6967108	64.441 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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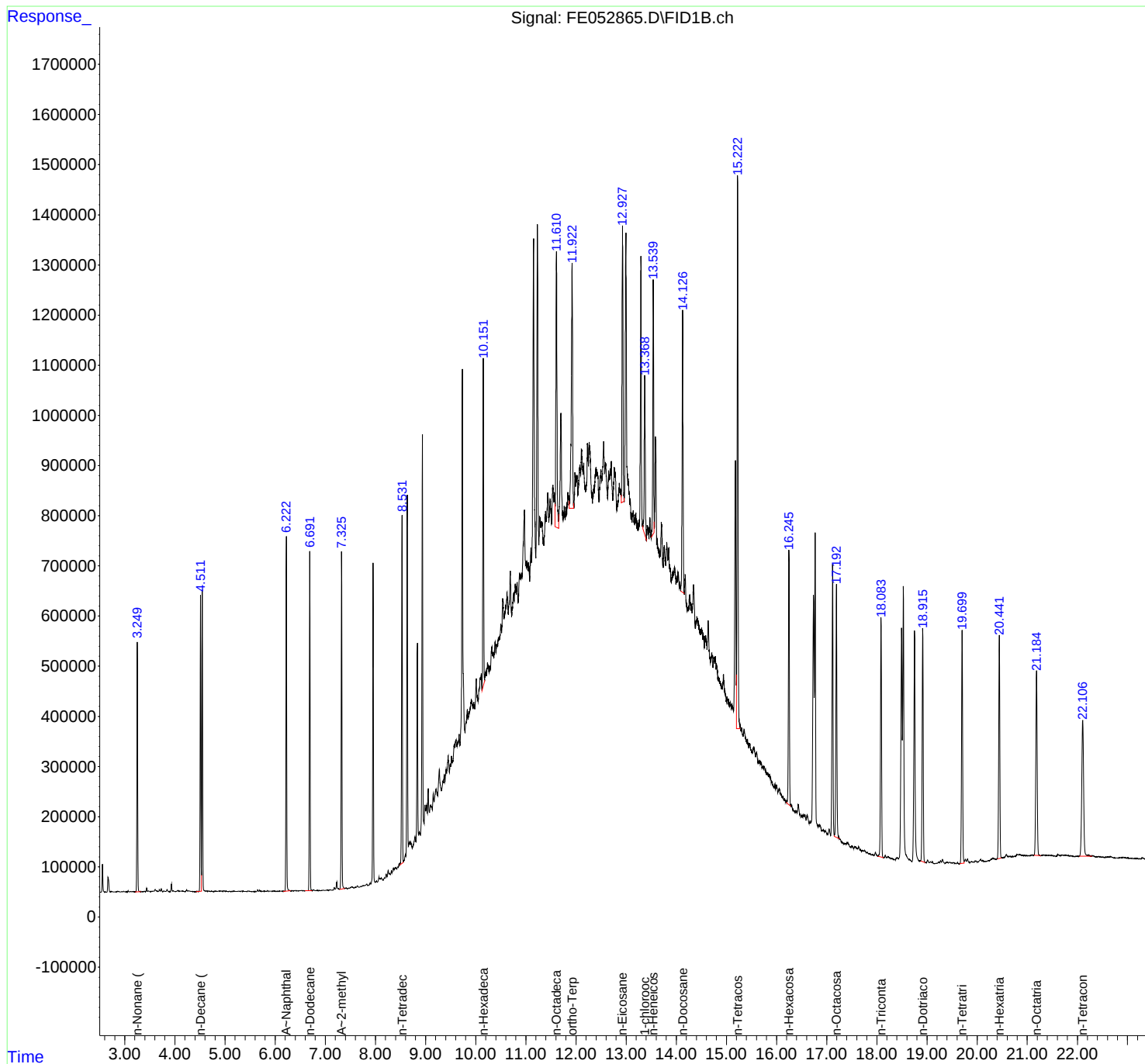
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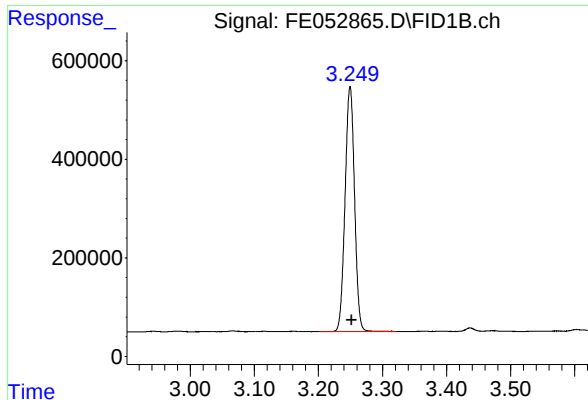
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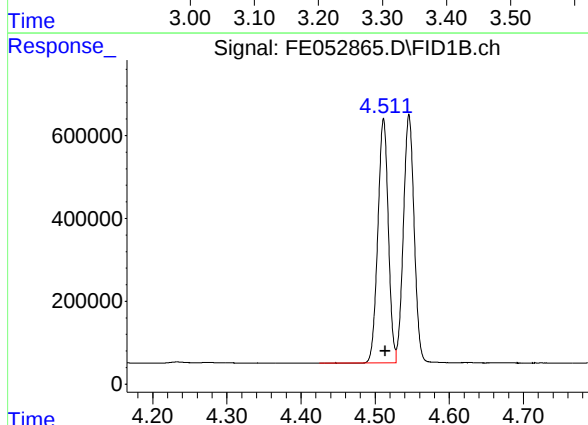
#1 n-Nonane (C9)

R.T.: 3.249 min
Delta R.T.: -0.003 min
Response: 5065315
Conc: 32.67 ug/ml

Instrument :
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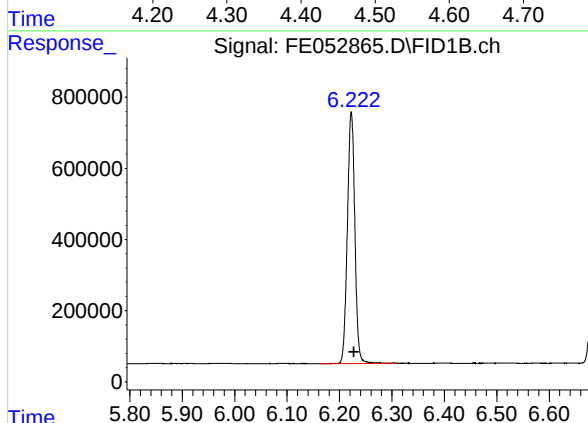
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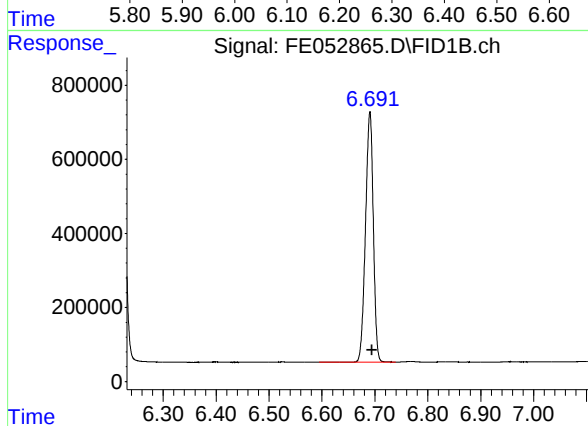
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: -0.003 min
Response: 5769736
Conc: 36.73 ug/ml



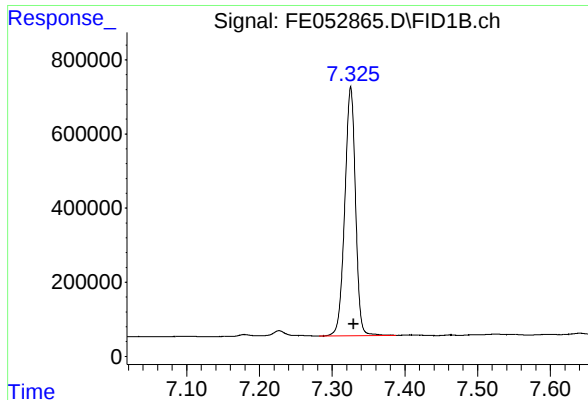
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min
Delta R.T.: -0.005 min
Response: 7001899
Conc: 41.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.690 min
Delta R.T.: -0.004 min
Response: 6918255
Conc: 44.43 ug/ml



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

R.T.: 7.325 min
Delta R.T.: -0.004 min
Response: 6869982
Conc: 42.39 ug/ml

Instrument :

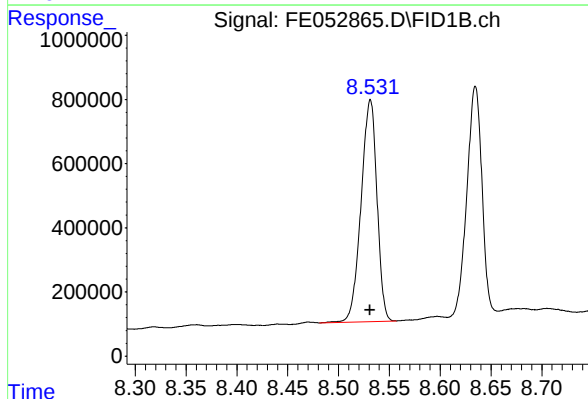
FID_E

ClientSampleId :

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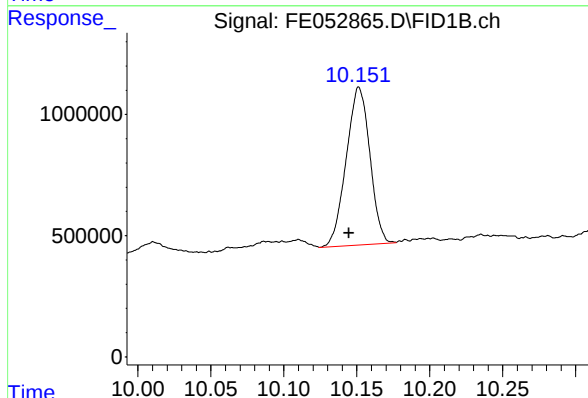
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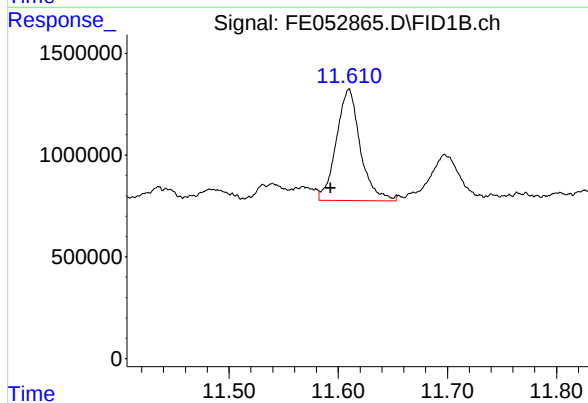
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 7554029
Conc: 49.92 ug/ml m



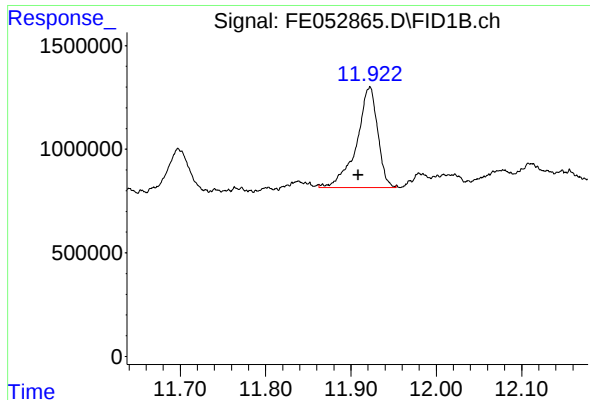
#7 n-Hexadecane (C16)

R.T.: 10.151 min
Delta R.T.: 0.006 min
Response: 7330591
Conc: 47.95 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.610 min
Delta R.T.: 0.017 min
Response: 8316707
Conc: 54.66 ug/ml m



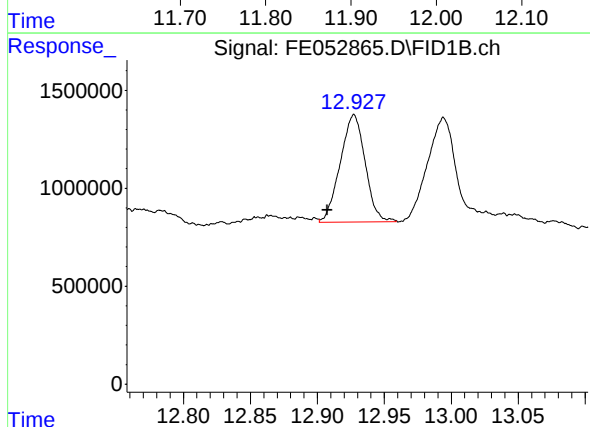
#9 ortho-Terphenyl (SURR)

R.T.: 11.922 min
Delta R.T.: 0.013 min
Response: 8326888
Conc: 49.39 ug/ml

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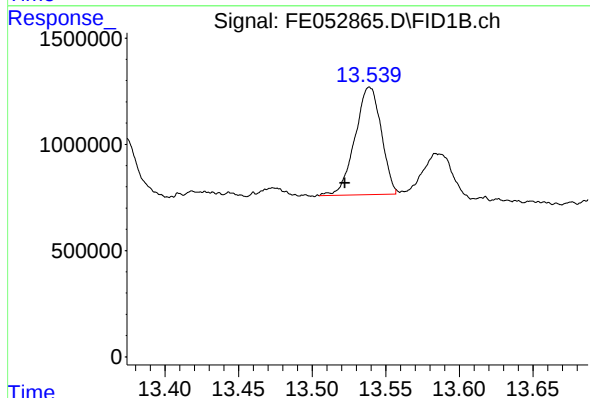
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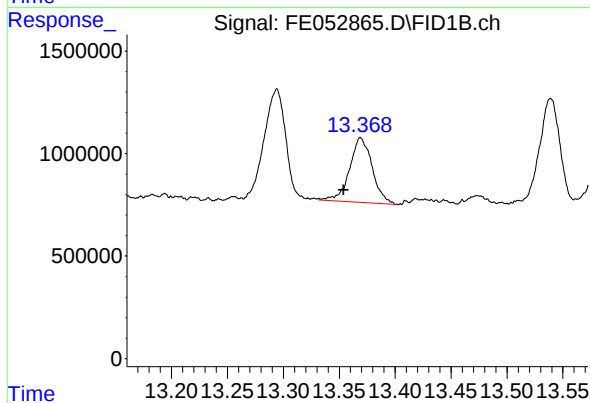
#10 n-Eicosane (C20)

R.T.: 12.927 min
Delta R.T.: 0.019 min
Response: 7121011
Conc: 49.05 ug/ml



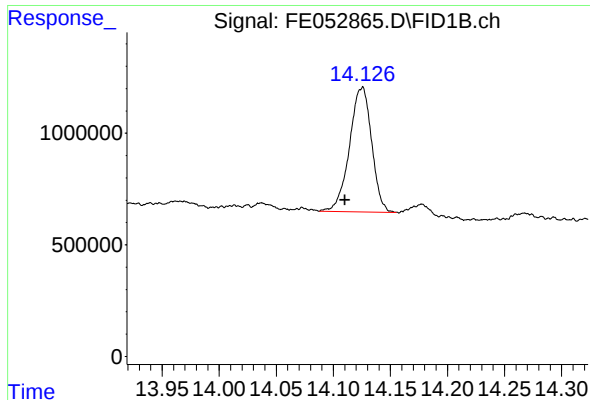
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: 0.016 min
Response: 6280218
Conc: 44.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.368 min
Delta R.T.: 0.014 min
Response: 4417707
Conc: 36.38 ug/ml



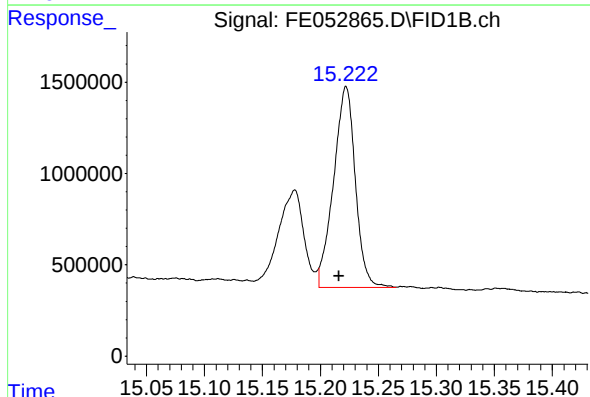
#13 n-Docosane (C22)

R.T.: 14.126 min
Delta R.T.: 0.016 min
Response: 7546028
Conc: 53.03 ug/ml

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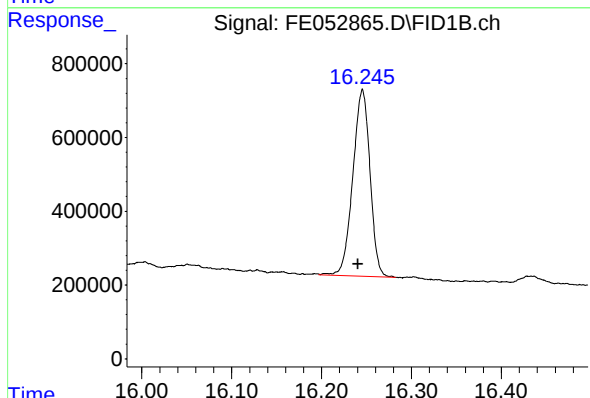
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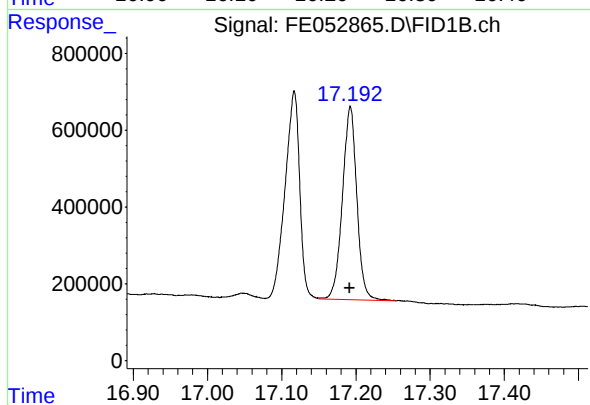
#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: 0.006 min
Response: 14385973
Conc: 100.52 ug/ml m



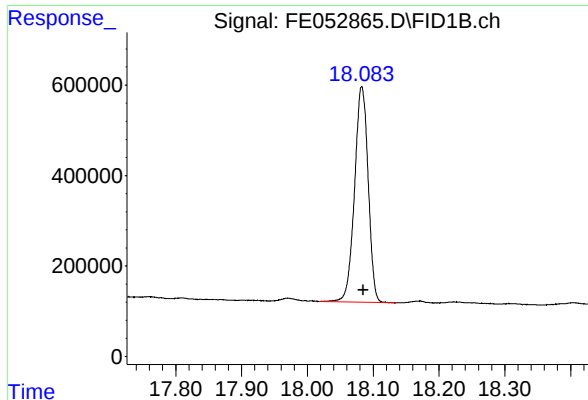
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: 0.005 min
Response: 6718789
Conc: 47.25 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.192 min
Delta R.T.: 0.000 min
Response: 6782226
Conc: 47.70 ug/ml m



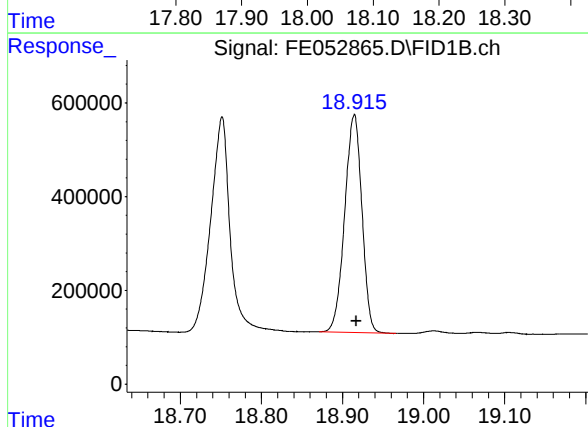
#17 n-Tricontane (C30)

R.T.: 18.083 min
Delta R.T.: -0.002 min
Response: 6873111
Conc: 46.53 ug/ml

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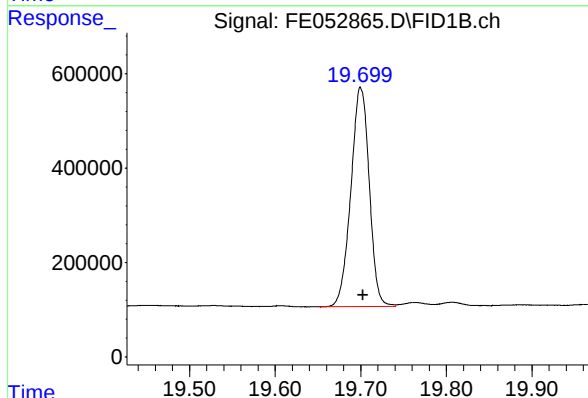
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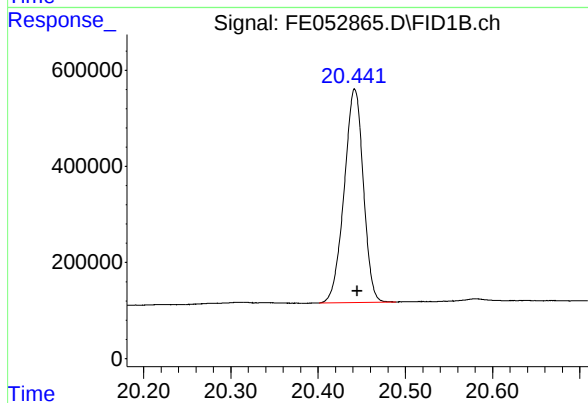
#18 n-Dotriacontane (C32)

R.T.: 18.914 min
Delta R.T.: -0.003 min
Response: 6856057
Conc: 47.22 ug/ml



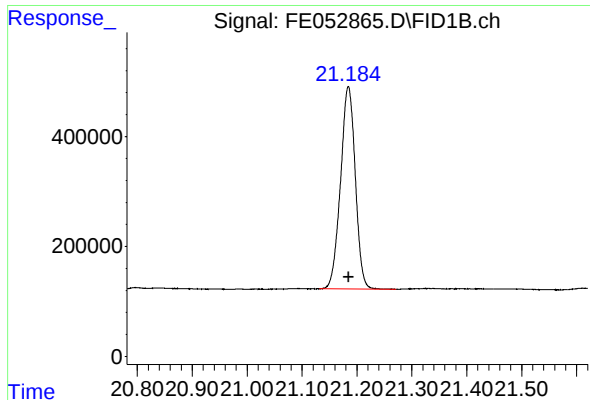
#19 n-Tetatriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.003 min
Response: 6928720
Conc: 51.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.442 min
Delta R.T.: -0.003 min
Response: 6769120
Conc: 56.97 ug/ml



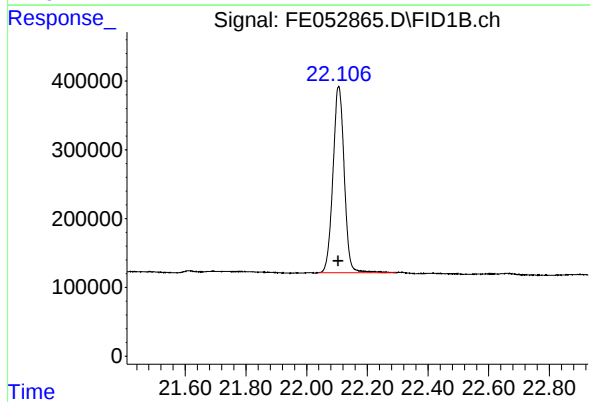
#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: 0.000 min
Response: 6868024
Conc: 61.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.105 min
Delta R.T.: 0.001 min
Response: 6967108
Conc: 64.44 ug/ml