

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102925AL\
 Data File : FE056565.D
 Signal(s) : FID1B.ch
 Acq On : 29 Oct 2025 14:08
 Operator : YP\AJ
 Sample : PB170307BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170307BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2025
 Supervised By :Sohil Jodhani 10/30/2025

Integration File: sample.E
 Quant Time: Oct 30 01:27:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 14:34:40 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)	11.983	7176556	35.129 ug/ml
Spiked Amount 50.000		Recovery =	70.26%
12) S 1-chlorooctadecane (S...	13.421	5645516	37.000 ug/ml
Spiked Amount 50.000		Recovery =	74.00%
Target Compounds			
1) T n-Nonane (C9)	3.347	5572076	34.185 ug/ml
2) T n-Decane (C10)	4.595	5953046	36.199 ug/mlm
3) T A~Naphthalene (C11.7)	6.304	6935381	39.232 ug/ml
4) T n-Dodecane (C12)	6.764	6327532	37.713 ug/ml
5) T A~2-methylnaphthalene...	7.403	6537736	39.236 ug/ml
6) T n-Tetradecane (C14)	8.600	6644794	39.997 ug/ml
7) T n-Hexadecane (C16)	10.212	6828793	39.031 ug/ml
8) T n-Octadecane (C18)	11.661	6793147	37.240 ug/ml
10) T n-Eicosane (C20)	12.975	6882686	38.656 ug/ml
11) T n-Heneicosane (C21)	13.589	6564461	37.415 ug/ml
13) T n-Docosane (C22)	14.177	6456192	36.473 ug/ml
14) T n-Tetracosane (C24)	15.279	13186554	72.478 ug/ml
15) T n-Hexacosane (C26)	16.308	6210596	34.598 ug/ml
16) T n-Octacosane (C28)	17.259	6102794	34.305 ug/mlm
17) T n-Tricontane (C30)	18.150	6192941	34.109 ug/ml
18) T n-Dotriacontane (C32)	18.984	6198901	35.161 ug/ml
19) T n-Tetratriacontane (C34)	19.769	6228570	40.236 ug/mlm
20) T n-Hexatriacontane (C36)	20.511	6171813	49.401 ug/ml
21) T n-Octatriacontane (C38)	21.266	6263428	59.948 ug/ml
22) T n-Tetracontane (C40)	22.215	6470130	71.302 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB170307BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

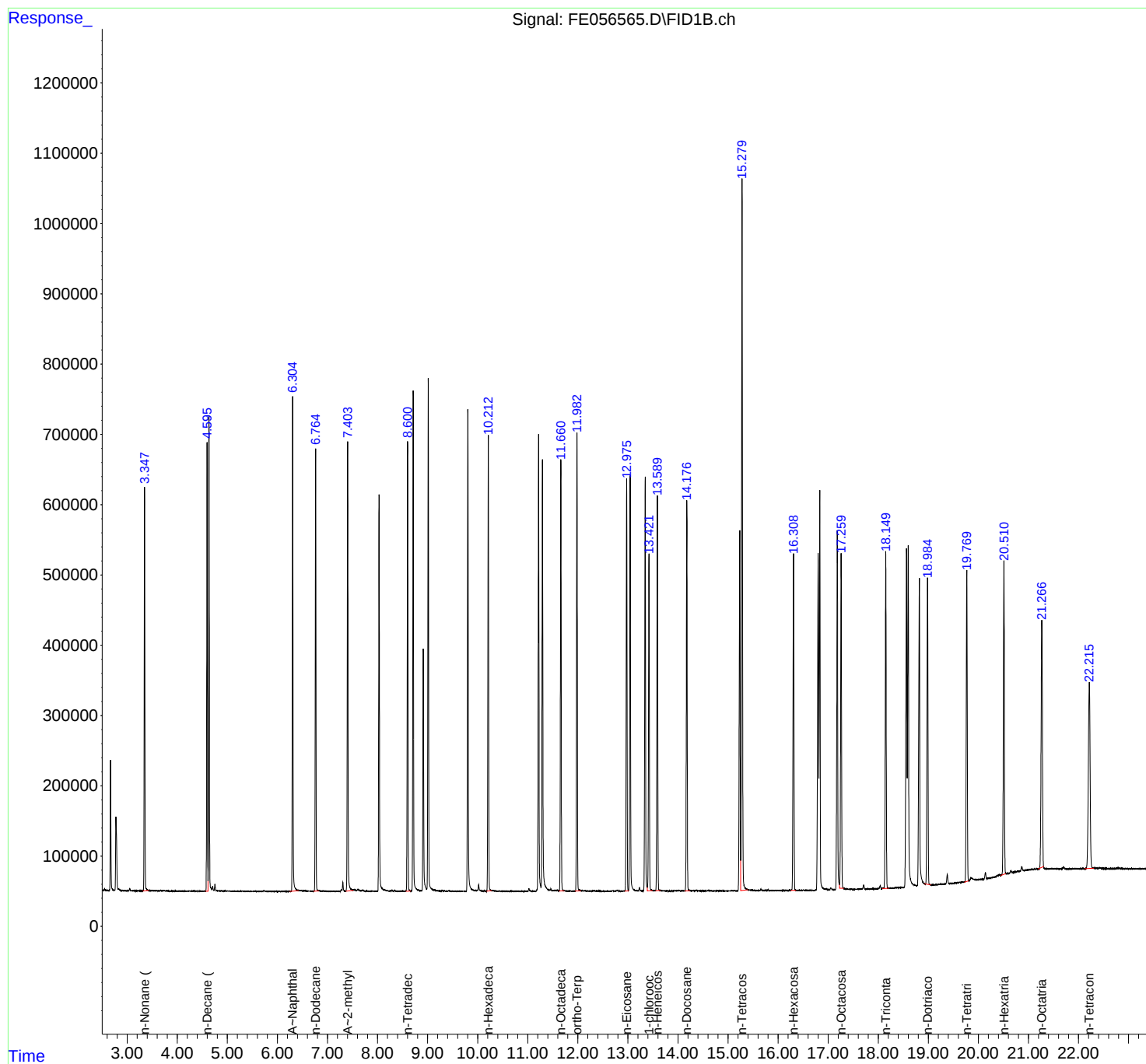
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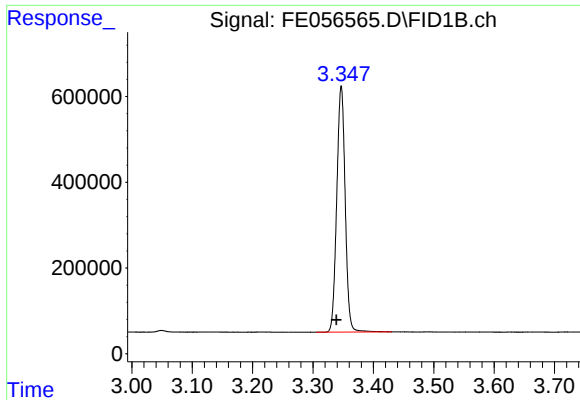
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#1 n-Nonane (C9)

R.T.: 3.347 min
Delta R.T.: 0.008 min
Response: 5572076
Conc: 34.18 ug/ml

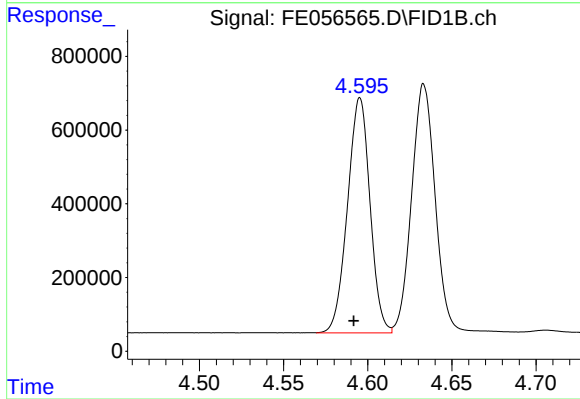
Instrument :

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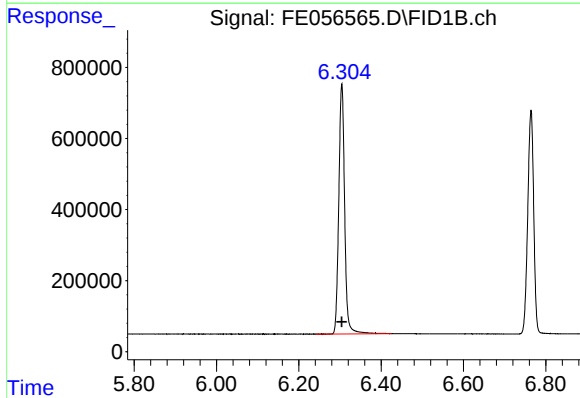
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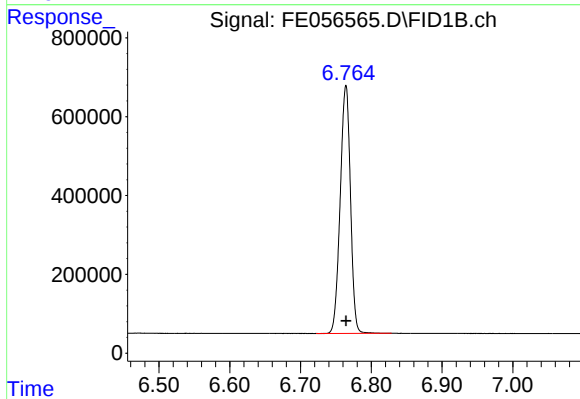
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: 0.003 min
Response: 5953046
Conc: 36.20 ug/ml m



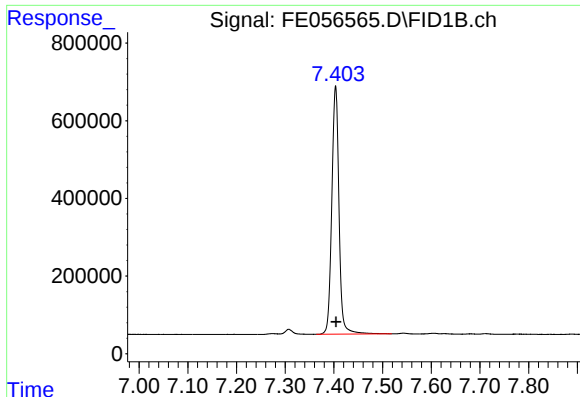
#3 A~Naphthalene (C11.7)

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 6935381
Conc: 39.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 6327532
Conc: 37.71 ug/ml



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

R.T.: 7.403 min
Delta R.T.: -0.001 min
Response: 6537736
Conc: 39.24 ug/ml

Instrument :

FID_E

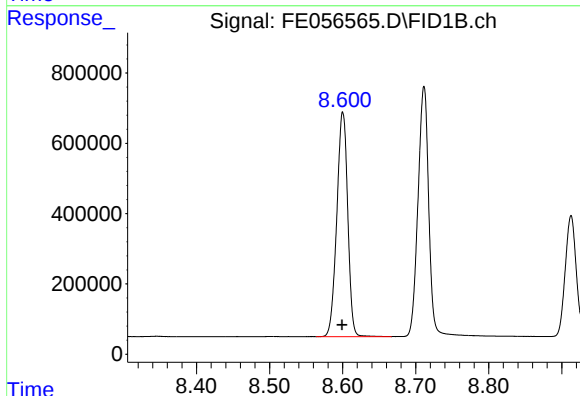
ClientSampleId :

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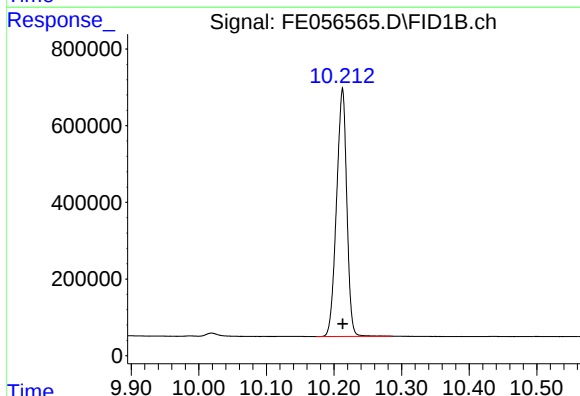
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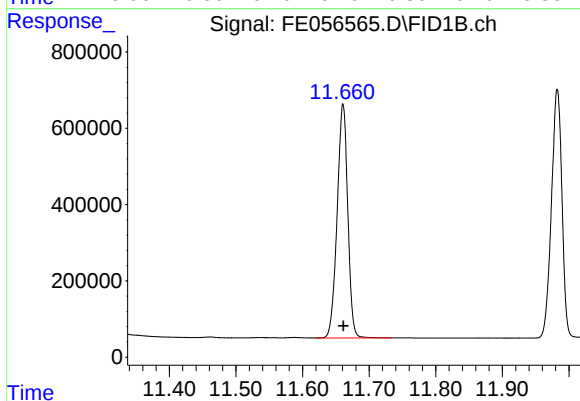
#6 n-Tetradecane (C14)

R.T.: 8.600 min
Delta R.T.: 0.000 min
Response: 6644794
Conc: 40.00 ug/ml



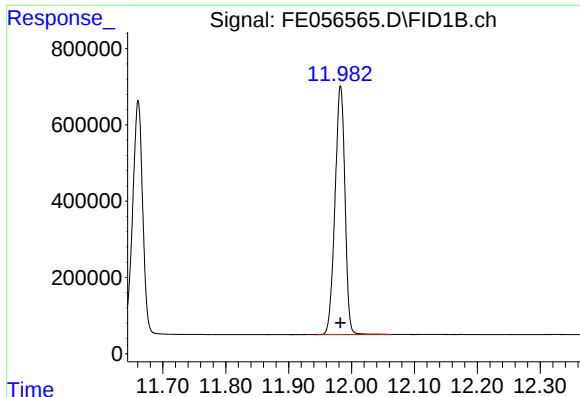
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: 0.000 min
Response: 6828793
Conc: 39.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.661 min
Delta R.T.: 0.000 min
Response: 6793147
Conc: 37.24 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.983 min
Delta R.T.: 0.000 min
Response: 7176556
Conc: 35.13 ug/ml

Instrument :

FID_E

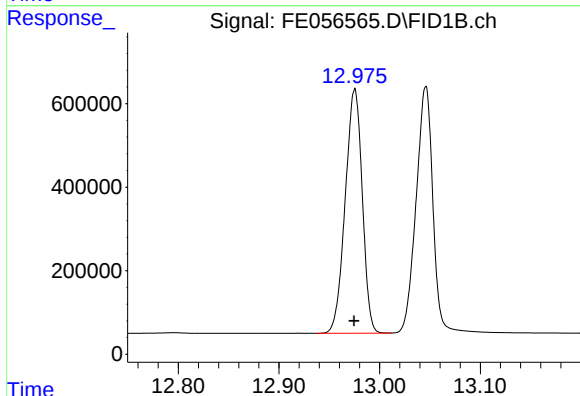
ClientSampleId :

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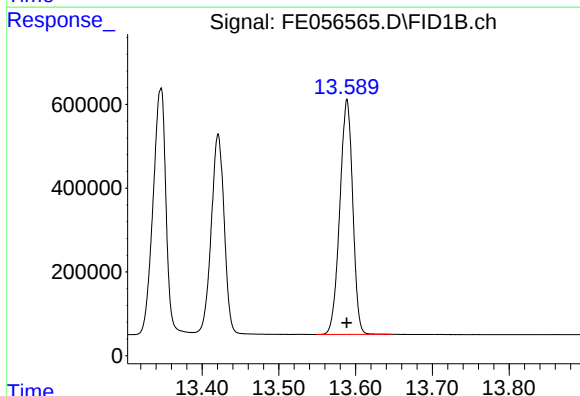
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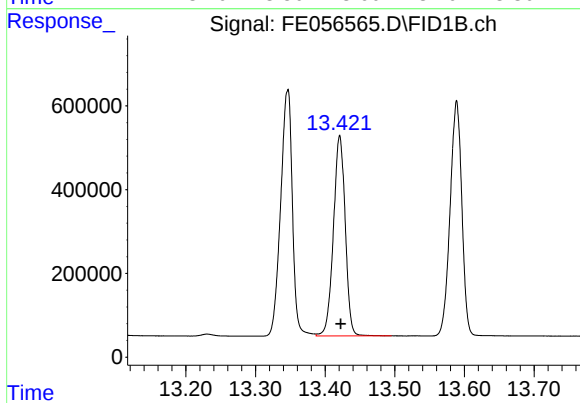
#10 n-Eicosane (C20)

R.T.: 12.975 min
Delta R.T.: 0.000 min
Response: 6882686
Conc: 38.66 ug/ml



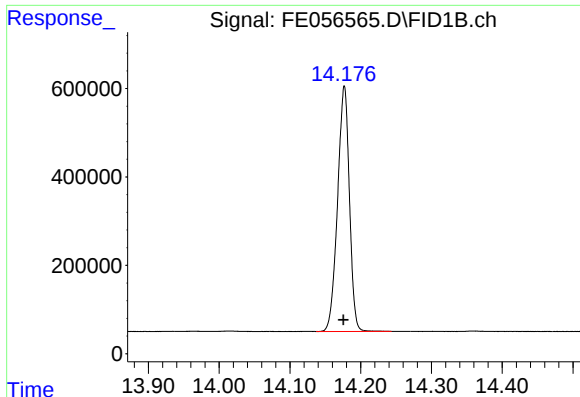
#11 n-Heneicosane (C21)

R.T.: 13.589 min
Delta R.T.: 0.000 min
Response: 6564461
Conc: 37.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.421 min
Delta R.T.: -0.001 min
Response: 5645516
Conc: 37.00 ug/ml



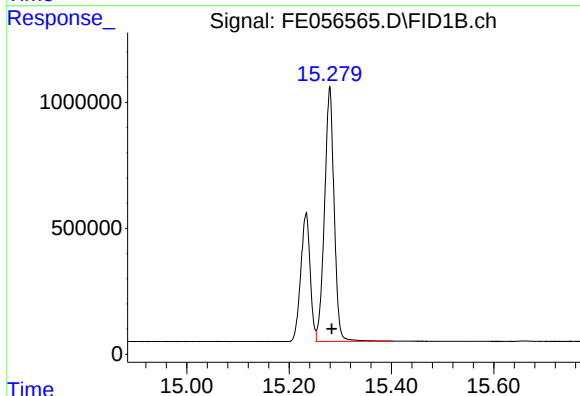
#13 n-Docosane (C22)

R.T.: 14.177 min
Delta R.T.: 0.000 min
Response: 6456192
Conc: 36.47 ug/ml

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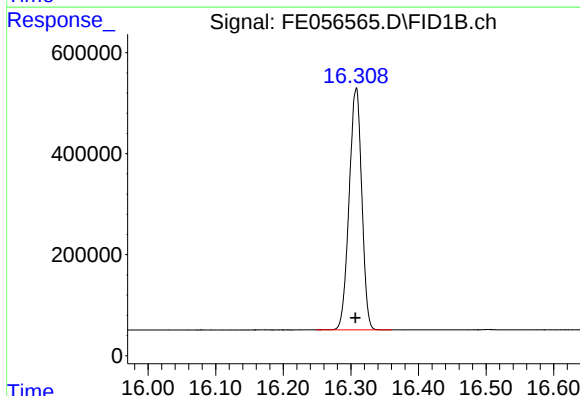
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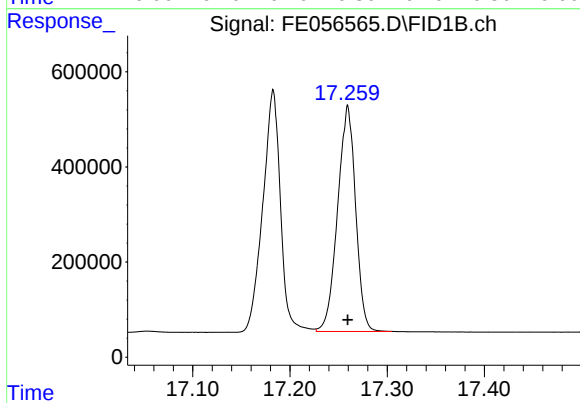
#14 n-Tetracosane (C24)

R.T.: 15.279 min
Delta R.T.: -0.004 min
Response: 13186554
Conc: 72.48 ug/ml



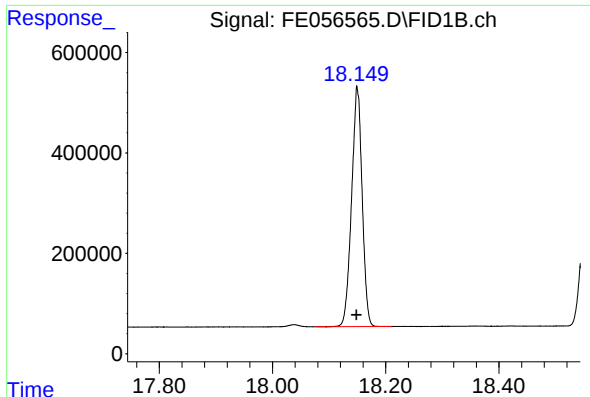
#15 n-Hexacosane (C26)

R.T.: 16.308 min
Delta R.T.: 0.001 min
Response: 6210596
Conc: 34.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.259 min
Delta R.T.: 0.000 min
Response: 6102794
Conc: 34.31 ug/ml m



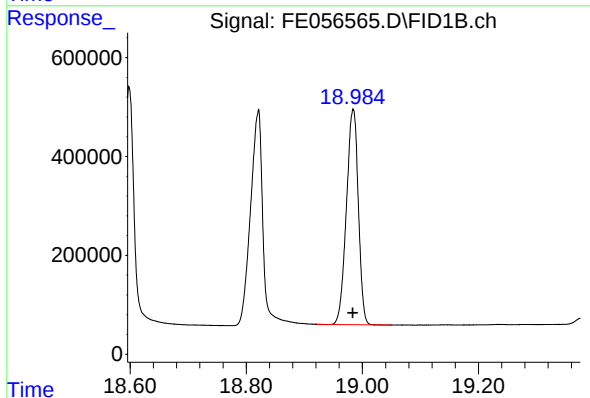
#17 n-Tricontane (C30)

R.T.: 18.150 min
Delta R.T.: 0.002 min
Response: 6192941
Conc: 34.11 ug/ml

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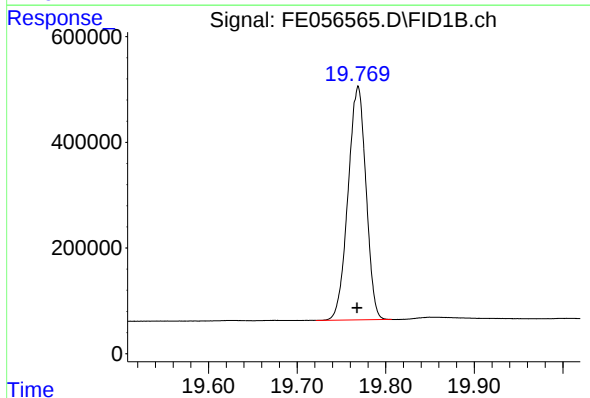
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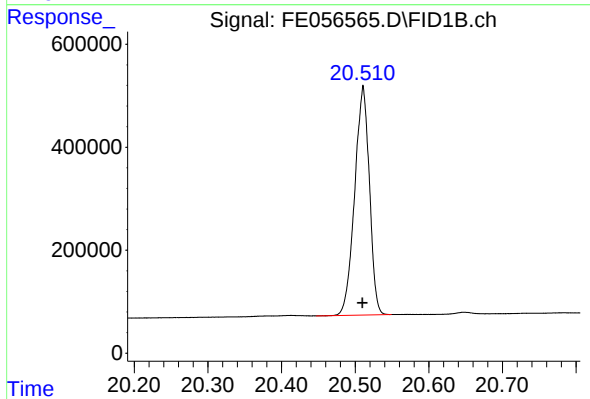
#18 n-Dotriacontane (C32)

R.T.: 18.984 min
Delta R.T.: 0.000 min
Response: 6198901
Conc: 35.16 ug/ml



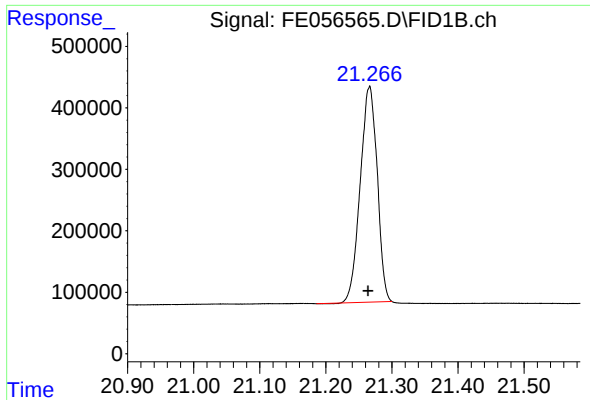
#19 n-Tetratriacontane (C34)

R.T.: 19.769 min
Delta R.T.: 0.001 min
Response: 6228570
Conc: 40.24 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.511 min
Delta R.T.: 0.000 min
Response: 6171813
Conc: 49.40 ug/ml



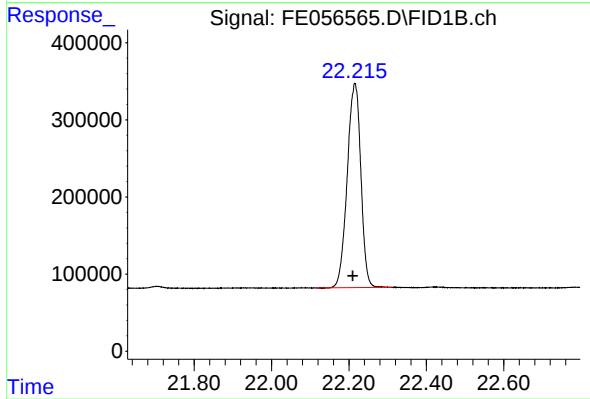
#21 n-Octatriacontane (C38)

R.T.: 21.266 min
Delta R.T.: 0.002 min
Response: 6263428
Conc: 59.95 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.215 min
Delta R.T.: 0.005 min
Response: 6470130
Conc: 71.30 ug/ml