

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061125AL\
 Data File : FE054288.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jun 2025 15:47
 Operator : YP\AJ
 Sample : PB168374BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168374BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/11/2025

Supervised By :mohammad ahmed 06/12/2025

Integration File: autoint1.e

Quant Time: Jun 11 02:36:51 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M

Quant Title : GC Extractables

QLast Update : Tue Jun 10 07:24:04 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)	11.835	6967771	42.169 ug/ml
Spiked Amount 50.000		Recovery =	84.34%
12) S 1-chlorooctadecane (S...	13.279	5620230	46.087 ug/mlm
Spiked Amount 50.000		Recovery =	92.17%
Target Compounds			
1) T n-Nonane (C9)	3.190	5010886	40.352 ug/ml
2) T n-Decane (C10)	4.448	5183264	41.715 ug/ml
3) T A~Naphthalene (C11.7)	6.158	6478803	47.941 ug/ml
4) T n-Dodecane (C12)	6.626	5646031	44.341 ug/ml
5) T A~2-methylnaphthalene...	7.260	6198483	46.797 ug/ml
6) T n-Tetradecane (C14)	8.462	6207404	47.947 ug/ml
7) T n-Hexadecane (C16)	10.073	6805878	51.234 ug/ml
8) T n-Octadecane (C18)	11.521	6992393	51.783 ug/ml
10) T n-Eicosane (C20)	12.834	7255538	54.236 ug/ml
11) T n-Heneicosane (C21)	13.447	6957032	52.321 ug/ml
13) T n-Docosane (C22)	14.035	6875206	52.434 ug/ml
14) T n-Tetracosane (C24)	15.137	14407411	111.691 ug/ml
15) T n-Hexacosane (C26)	16.165	6645119	52.937 ug/ml
16) T n-Octacosane (C28)	17.115	6873090	56.047 ug/mlm
17) T n-Tricontane (C30)	18.006	6624790	53.451 ug/ml
18) T n-Dotriacontane (C32)	18.839	6467135	51.472 ug/ml
19) T n-Tetratriacontane (C34)	19.624	6965830	55.992 ug/ml
20) T n-Hexatriacontane (C36)	20.365	7239594	56.238 ug/ml
21) T n-Octatriacontane (C38)	21.094	7622951	57.731 ug/ml
22) T n-Tetracontane (C40)	21.985	7618624	56.557 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061125AL\
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Operator : YP\AJ
Sample : PB168374BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

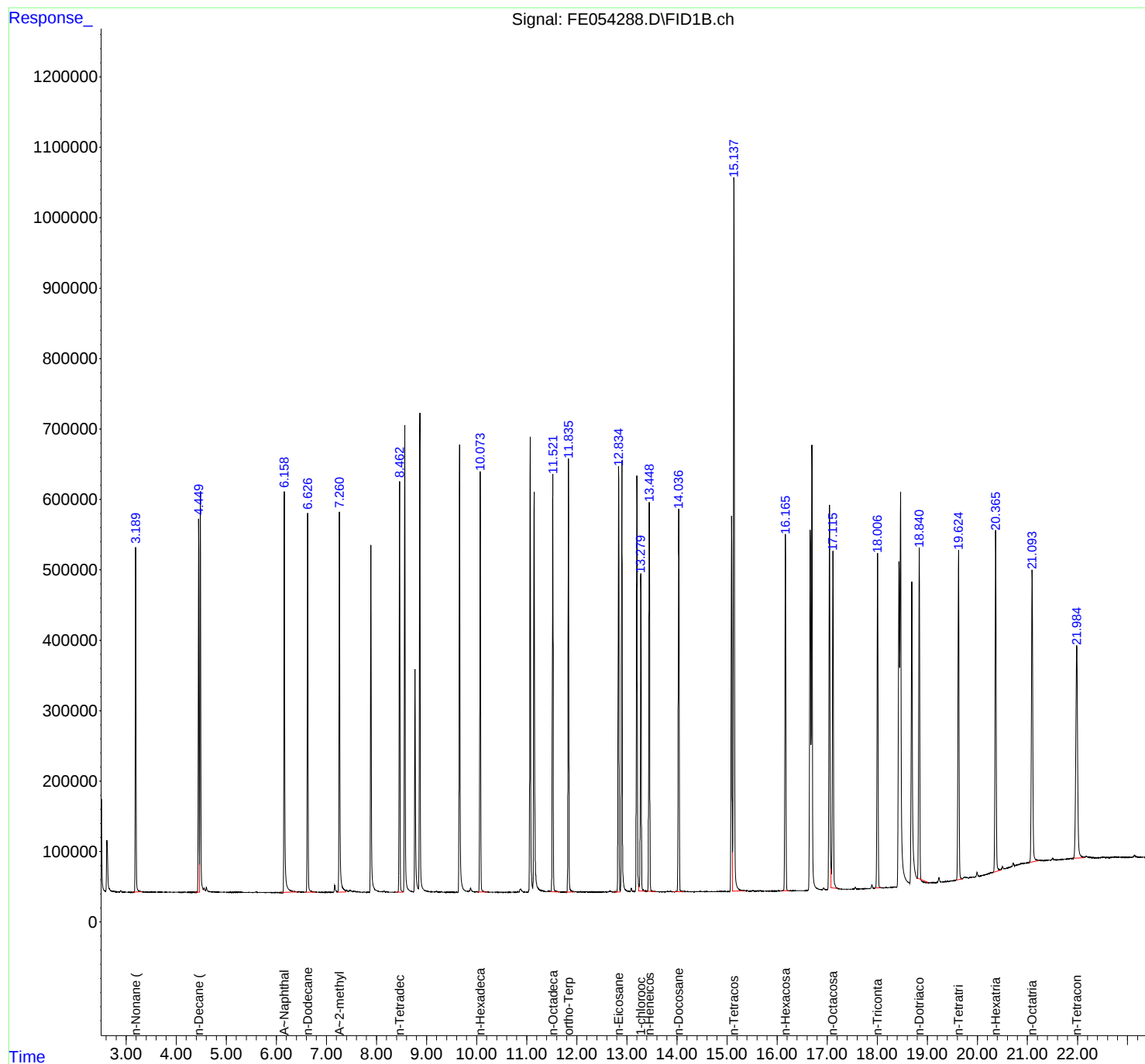
Instrument :
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ClientSampleId :
PB168374BS

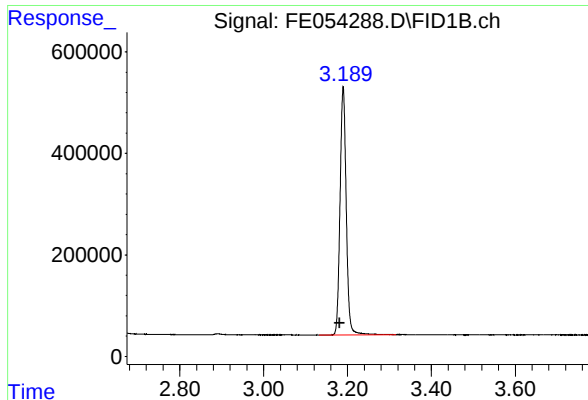
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Quant Title : GC Extractables
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





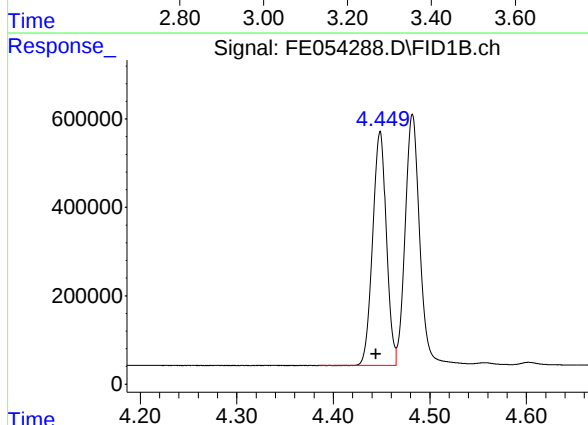
#1 n-Nonane (C9)

R.T.: 3.190 min
Delta R.T.: 0.009 min
Response: 5010886
Conc: 40.35 ug/ml

Instrument :
FID_E
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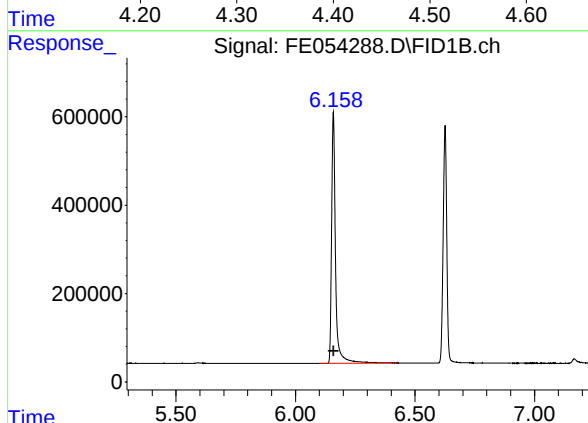
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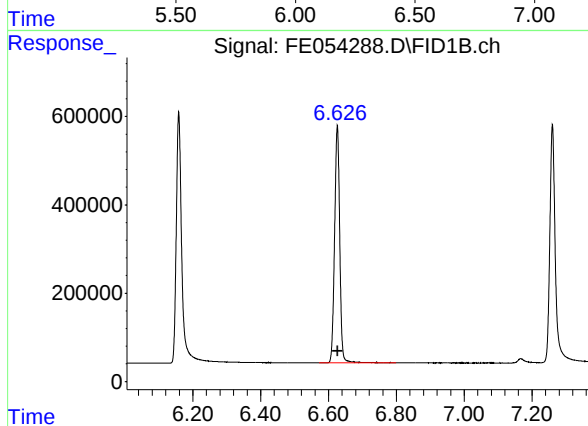
#2 n-Decane (C10)

R.T.: 4.448 min
Delta R.T.: 0.004 min
Response: 5183264
Conc: 41.72 ug/ml



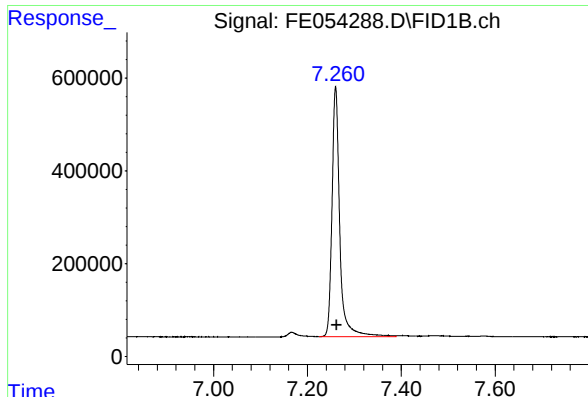
#3 A~Naphthalene (C11.7)

R.T.: 6.158 min
Delta R.T.: -0.002 min
Response: 6478803
Conc: 47.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 5646031
Conc: 44.34 ug/ml



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

R.T.: 7.260 min
Delta R.T.: -0.002 min
Response: 6198483
Conc: 46.80 ug/ml

Instrument :

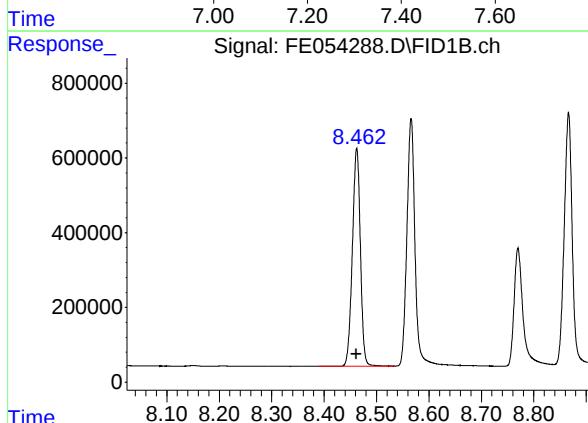
FID_E

ClientSampleId :

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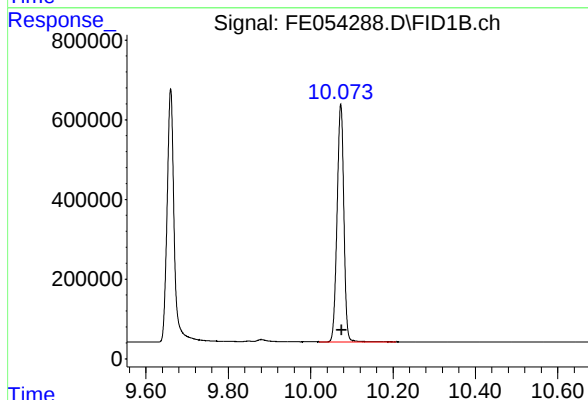
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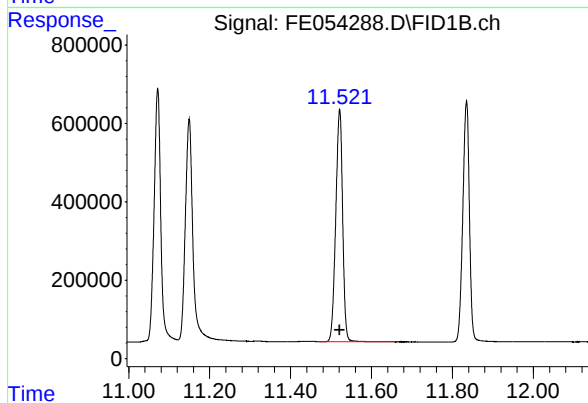
#6 n-Tetradecane (C14)

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 6207404
Conc: 47.95 ug/ml



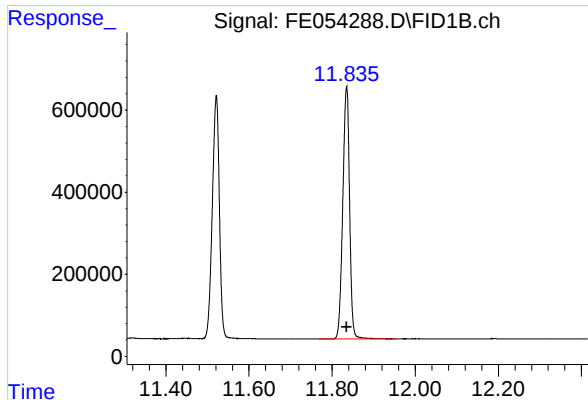
#7 n-Hexadecane (C16)

R.T.: 10.073 min
Delta R.T.: -0.001 min
Response: 6805878
Conc: 51.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: 0.000 min
Response: 6992393
Conc: 51.78 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.835 min
Delta R.T.: 0.000 min
Response: 6967771
Conc: 42.17 ug/ml

Instrument :

FID_E

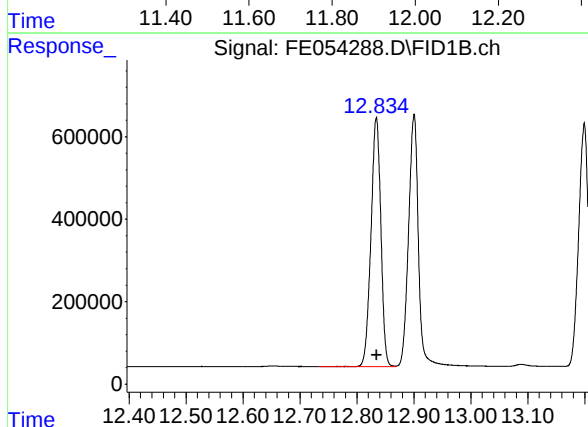
ClientSampleId :

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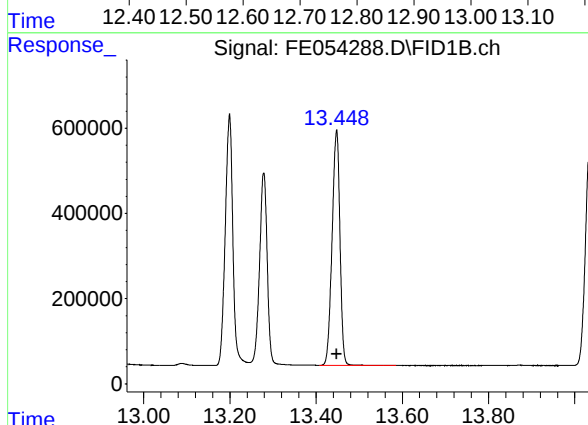
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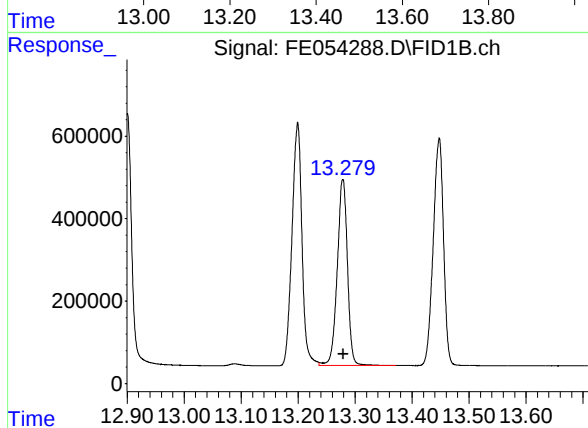
#10 n-Eicosane (C20)

R.T.: 12.834 min
Delta R.T.: 0.000 min
Response: 7255538
Conc: 54.24 ug/ml



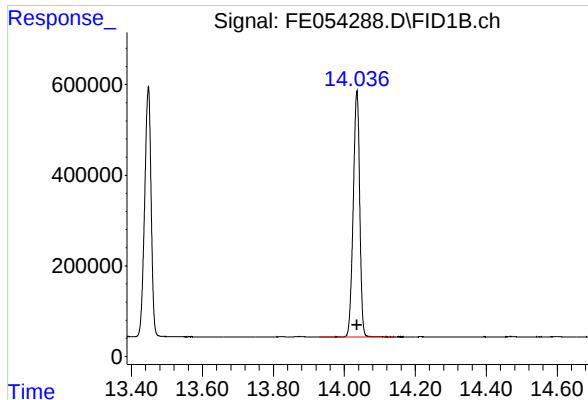
#11 n-Heneicosane (C21)

R.T.: 13.447 min
Delta R.T.: 0.000 min
Response: 6957032
Conc: 52.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.279 min
Delta R.T.: 0.000 min
Response: 5620230
Conc: 46.09 ug/ml m



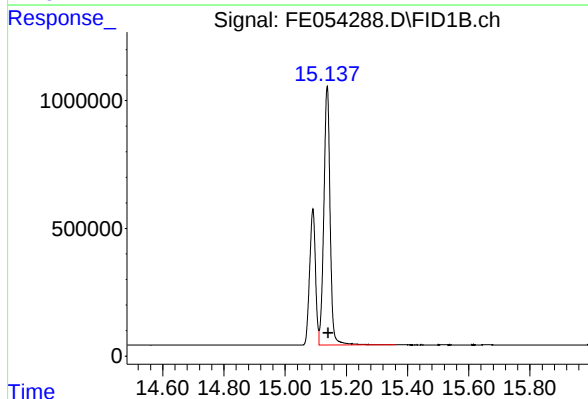
#13 n-Docosane (C22)

R.T.: 14.035 min
Delta R.T.: 0.000 min
Response: 6875206
Conc: 52.43 ug/ml

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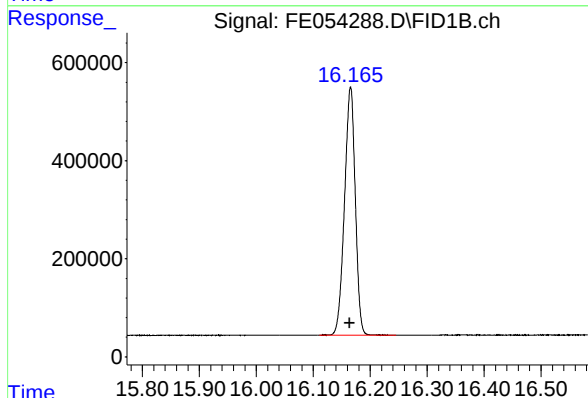
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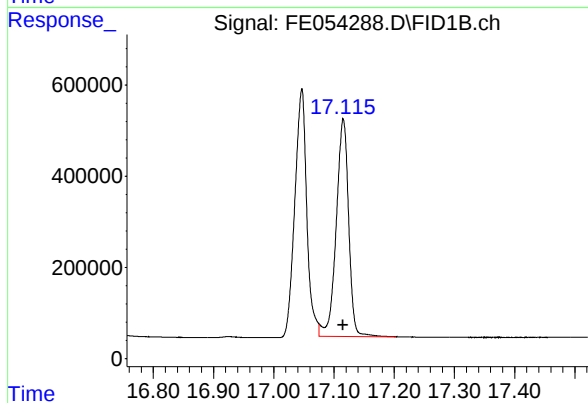
#14 n-Tetracosane (C24)

R.T.: 15.137 min
Delta R.T.: -0.004 min
Response: 14407411
Conc: 111.69 ug/ml



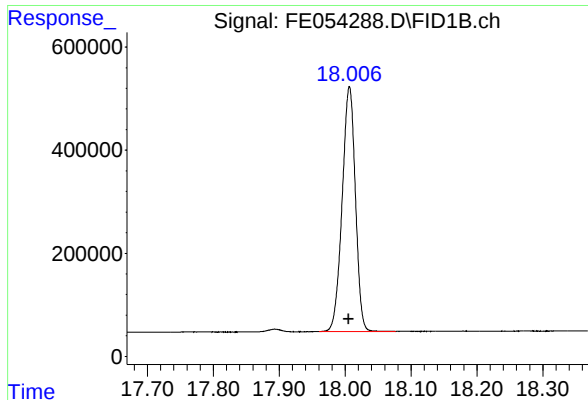
#15 n-Hexacosane (C26)

R.T.: 16.165 min
Delta R.T.: 0.001 min
Response: 6645119
Conc: 52.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.115 min
Delta R.T.: 0.000 min
Response: 6873090
Conc: 56.05 ug/ml m



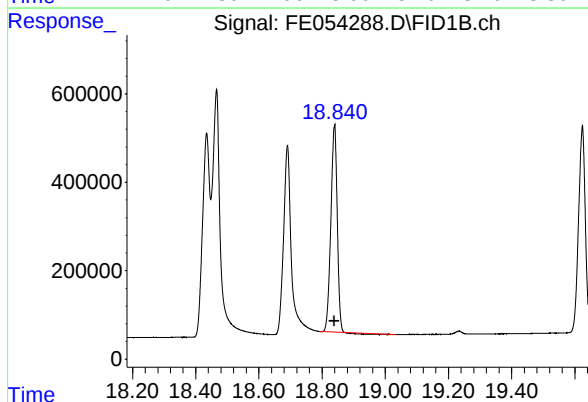
#17 n-Tricontane (C30)

R.T.: 18.006 min
Delta R.T.: 0.001 min
Response: 6624790
Conc: 53.45 ug/ml

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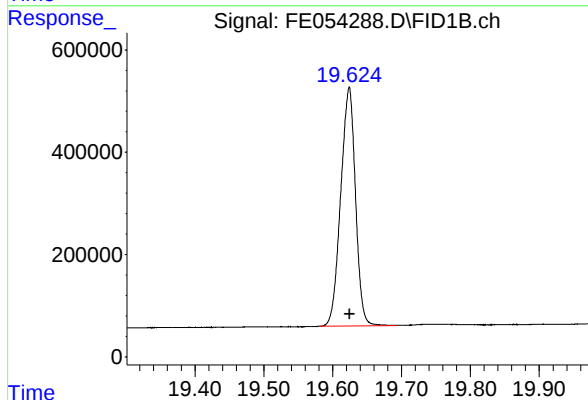
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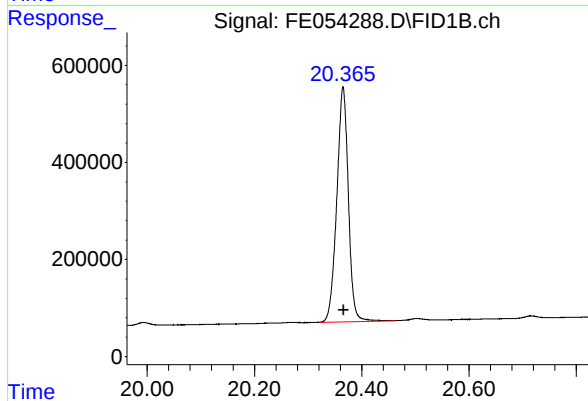
#18 n-Dotriacontane (C32)

R.T.: 18.839 min
Delta R.T.: 0.000 min
Response: 6467135
Conc: 51.47 ug/ml



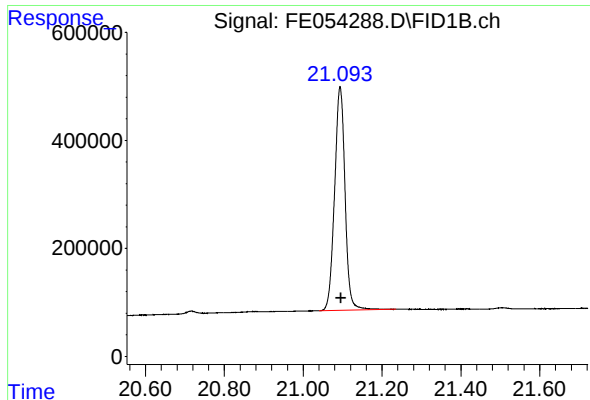
#19 n-Tetratriacontane (C34)

R.T.: 19.624 min
Delta R.T.: -0.001 min
Response: 6965830
Conc: 55.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.365 min
Delta R.T.: 0.000 min
Response: 7239594
Conc: 56.24 ug/ml



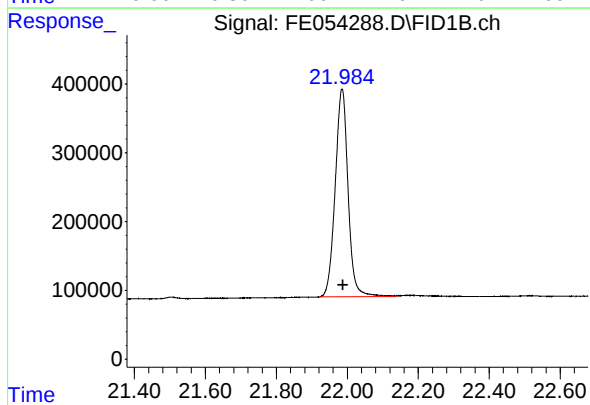
#21 n-Octatriacontane (C38)

R.T.: 21.094 min
Delta R.T.: -0.002 min
Response: 7622951
Conc: 57.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.985 min
Delta R.T.: -0.003 min
Response: 7618624
Conc: 56.56 ug/ml