

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102824AL\
 Data File : FE050857.D
 Signal(s) : FID1B.ch
 Acq On : 28 Oct 2024 13:23
 Operator : YP\AJ
 Sample : PB164436BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB164436BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :Ankita Jodhani 10/29/2024

Integration File: autoint1.e

Quant Time: Oct 29 06:04:22 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 2024

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)	11.861	6500039	41.229 ug/ml
Spiked Amount 50.000		Recovery =	82.46%
12) S 1-chlorooctadecane (S...	13.293	5543821	46.865 ug/ml
Spiked Amount 50.000		Recovery =	93.73%
Target Compounds			
1) T n-Nonane (C9)	3.258	7623119	53.953 ug/ml
2) T n-Decane (C10)	4.505	8067726	56.231 ug/ml
3) T A~Naphthalene (C11.7)	6.211	8759837	61.262 ug/ml
4) T n-Dodecane (C12)	6.667	8305826	57.706 ug/ml
5) T A~2-methylnaphthalene...	7.307	8088179	61.052 ug/ml
6) T n-Tetradecane (C14)	8.495	8371455	58.514 ug/ml
7) T n-Hexadecane (C16)	10.099	8270839	56.199 ug/ml
8) T n-Octadecane (C18)	11.542	8281220	55.441 ug/ml
10) T n-Eicosane (C20)	12.850	8307721	57.934 ug/ml
11) T n-Heneicosane (C21)	13.460	8031575	57.191 ug/ml
13) T n-Docosane (C22)	14.045	7929720	56.522 ug/ml
14) T n-Tetracosane (C24)	15.148	15701784	111.142 ug/mlm
15) T n-Hexacosane (C26)	16.169	7840761	55.720 ug/mlm
16) T n-Octacosane (C28)	17.116	9173479	62.690 ug/ml
17) T n-Tricontane (C30)	18.003	8162093	51.333 ug/ml
18) T n-Dotriacontane (C32)	18.835	8278001	51.063 ug/ml
19) T n-Tetratriacontane (C34)	19.619	8774475	59.734 ug/ml
20) T n-Hexatriacontane (C36)	20.357	8754950	69.038 ug/ml
21) T n-Octatriacontane (C38)	21.082	8729056	70.596 ug/ml
22) T n-Tetracontane (C40)	21.969	8014559	71.976 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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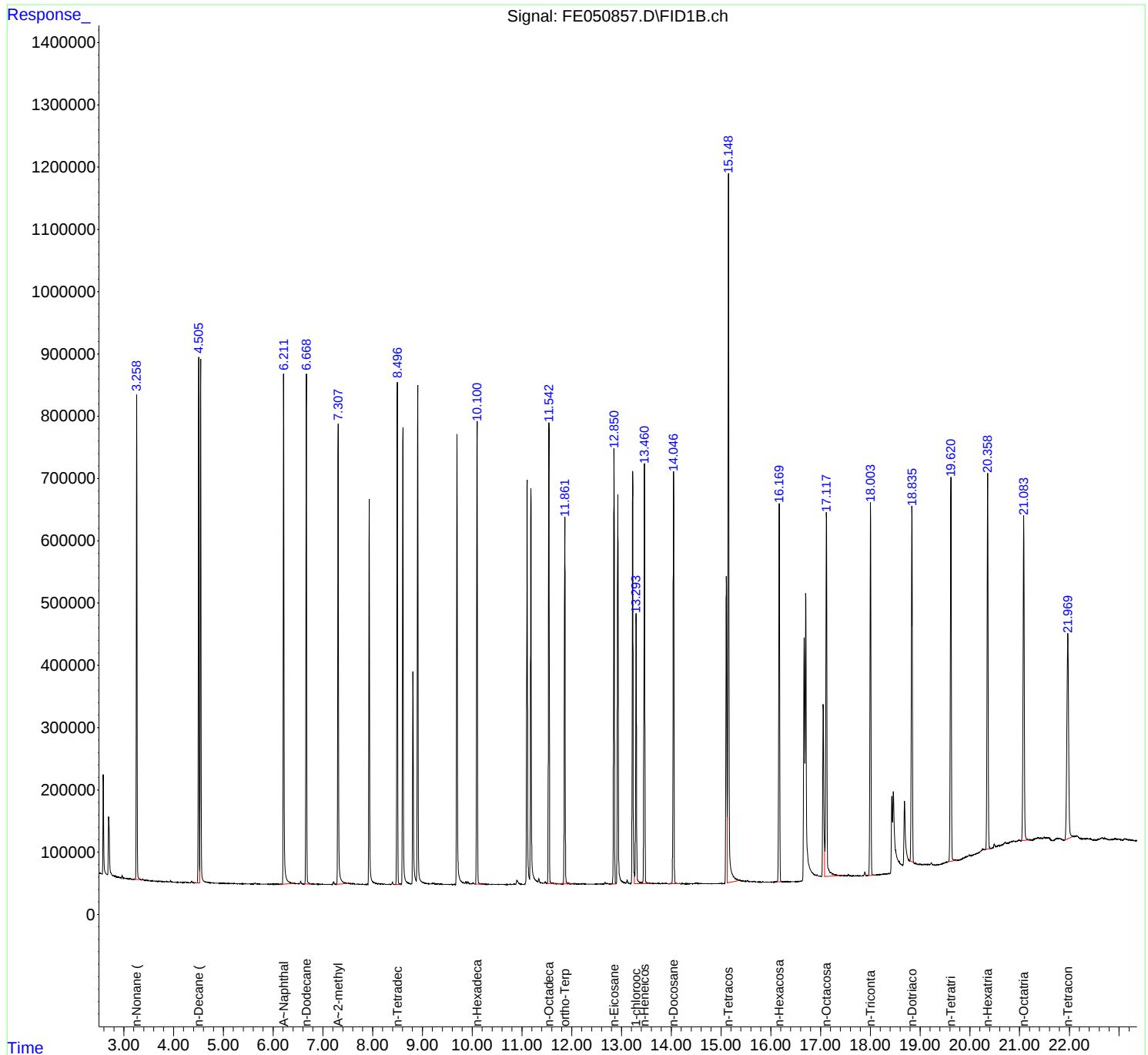
Instrument :
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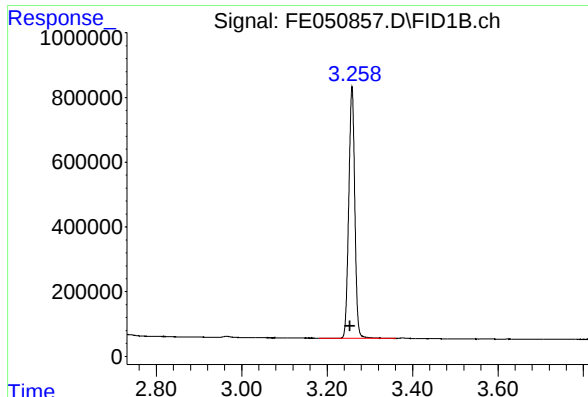
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.258 min
Delta R.T.: 0.004 min
Response: 7623119
Conc: 53.95 ug/ml

Instrument :

FID_E

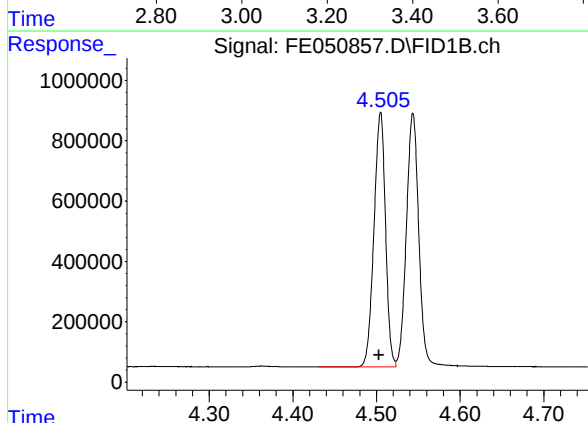
ClientSampleId :

PB164436BS

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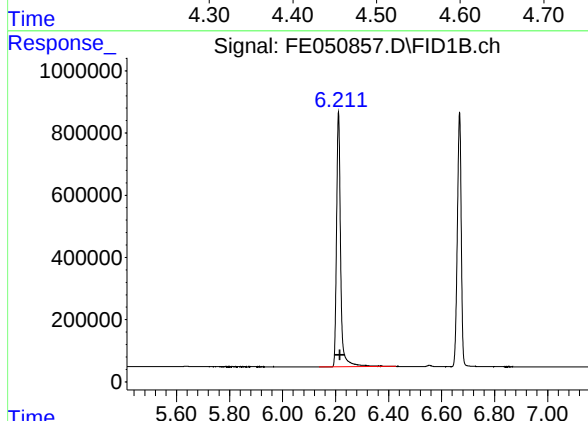
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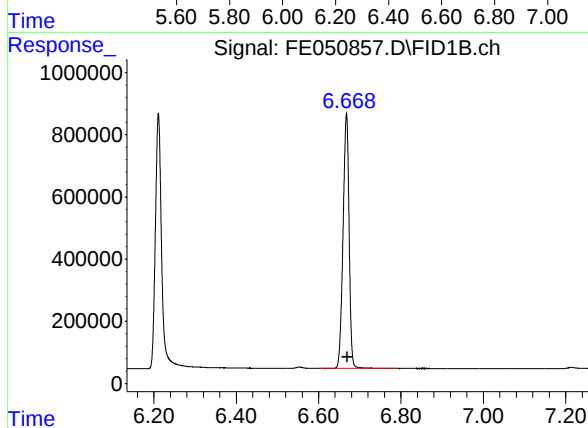
#2 n-Decane (C10)

R.T.: 4.505 min
Delta R.T.: 0.002 min
Response: 8067726
Conc: 56.23 ug/ml



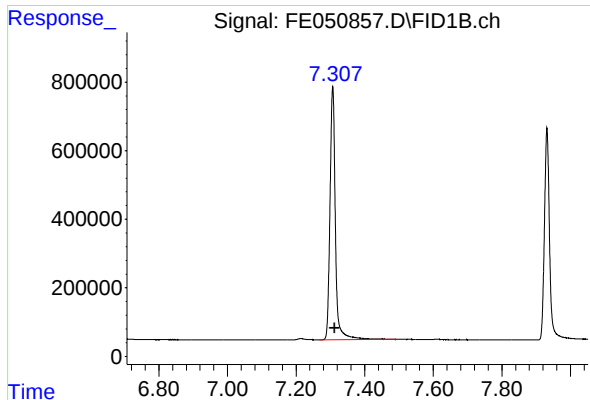
#3 A~Naphthalene (C11.7)

R.T.: 6.211 min
Delta R.T.: -0.006 min
Response: 8759837
Conc: 61.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.667 min
Delta R.T.: -0.003 min
Response: 8305826
Conc: 57.71 ug/ml



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

R.T.: 7.307 min
Delta R.T.: -0.006 min
Response: 8088179
Conc: 61.05 ug/ml

Instrument :

FID_E

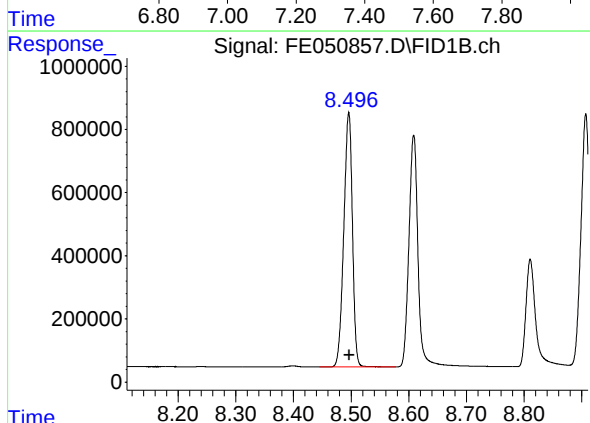
ClientSampleId :

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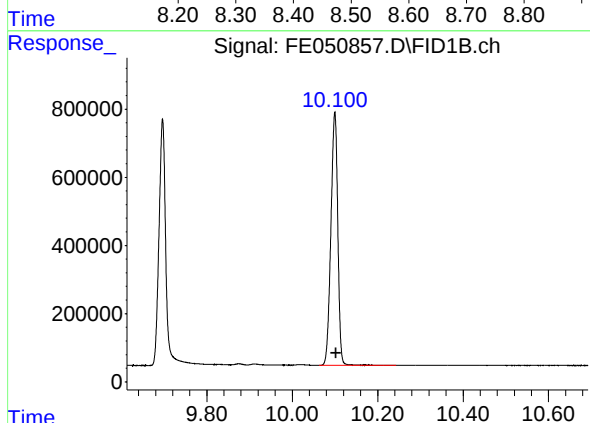
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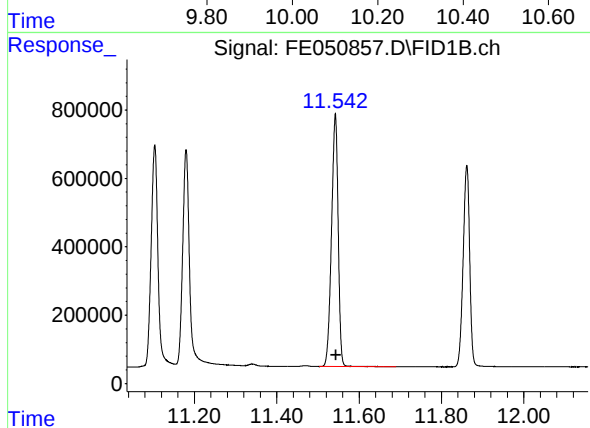
#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: -0.001 min
Response: 8371455
Conc: 58.51 ug/ml



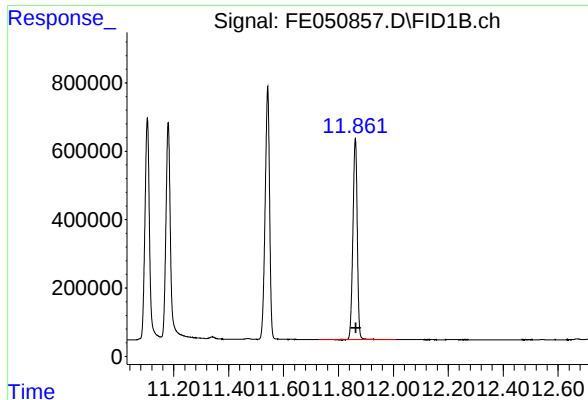
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: -0.003 min
Response: 8270839
Conc: 56.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.542 min
Delta R.T.: -0.002 min
Response: 8281220
Conc: 55.44 ug/ml



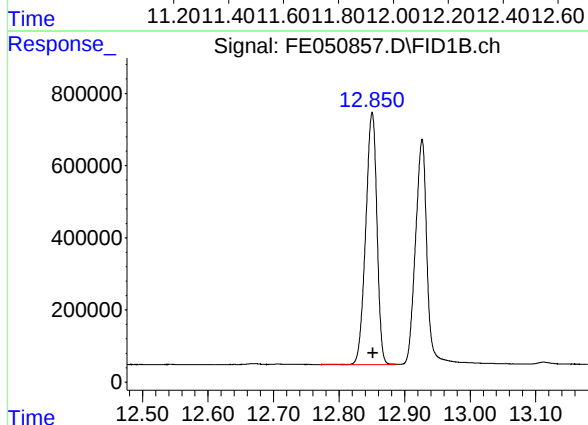
#9 ortho-Terphenyl (SURR)

R.T.: 11.861 min
Delta R.T.: -0.002 min
Response: 6500039
Conc: 41.23 ug/ml

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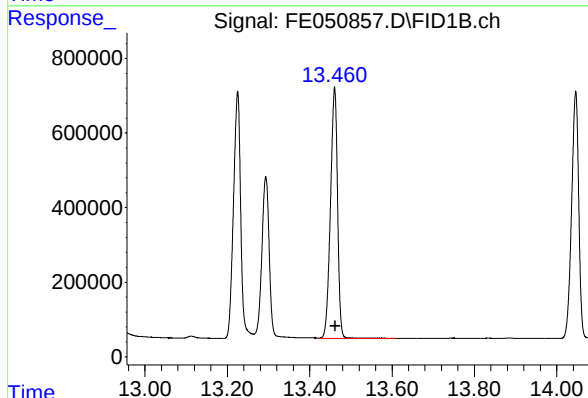
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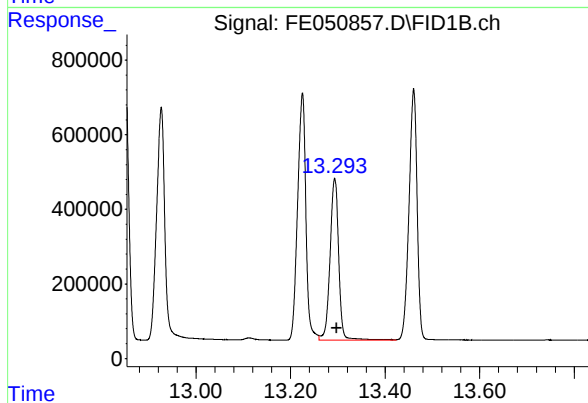
#10 n-Eicosane (C20)

R.T.: 12.850 min
Delta R.T.: -0.002 min
Response: 8307721
Conc: 57.93 ug/ml



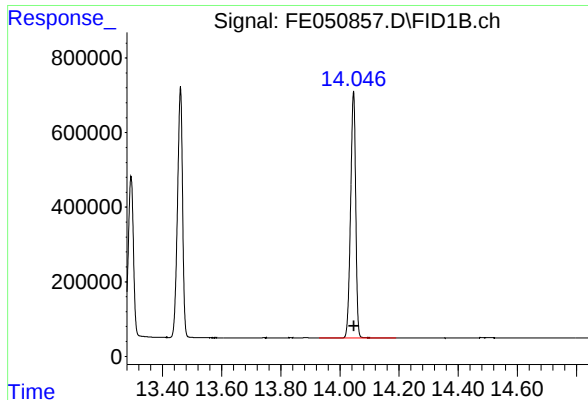
#11 n-Heneicosane (C21)

R.T.: 13.460 min
Delta R.T.: -0.003 min
Response: 8031575
Conc: 57.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.293 min
Delta R.T.: -0.005 min
Response: 5543821
Conc: 46.87 ug/ml



#13 n-Docosane (C22)

R.T.: 14.045 min
Delta R.T.: -0.003 min
Response: 7929720
Conc: 56.52 ug/ml

Instrument :

FID_E

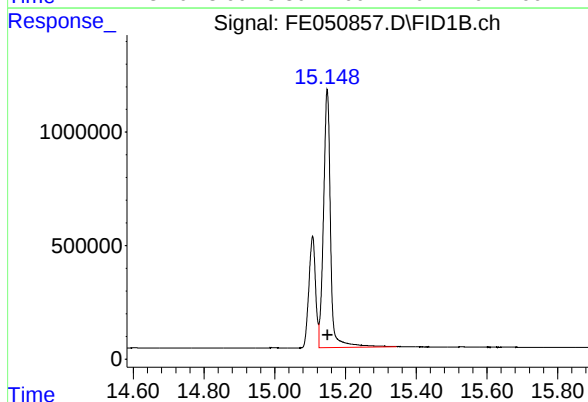
ClientSampleId :

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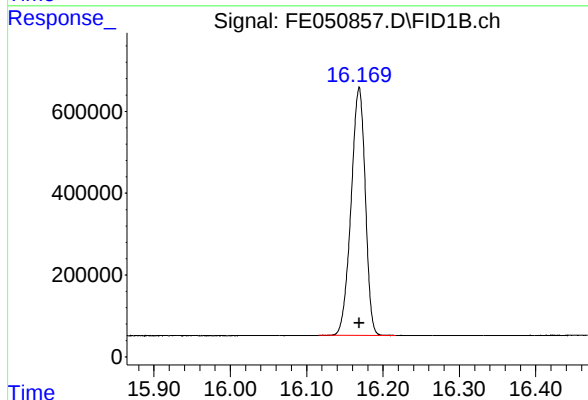
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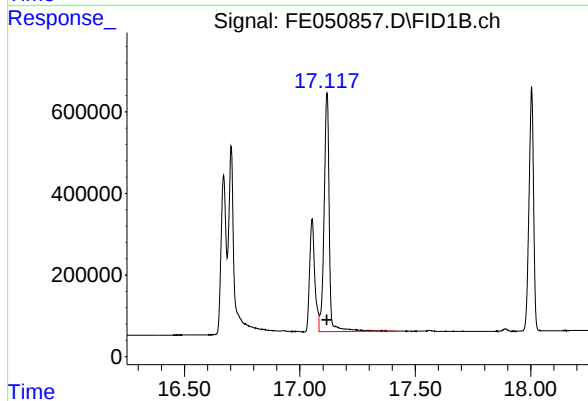
#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.002 min
Response: 15701784
Conc: 111.14 ug/ml m



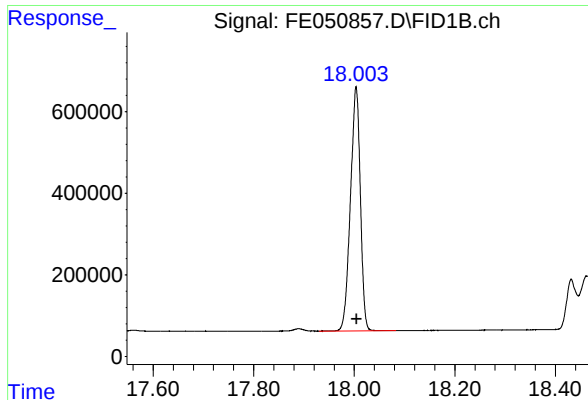
#15 n-Hexacosane (C26)

R.T.: 16.169 min
Delta R.T.: 0.000 min
Response: 7840761
Conc: 55.72 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.116 min
Delta R.T.: 0.000 min
Response: 9173479
Conc: 62.69 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.003 min
Delta R.T.: -0.001 min
Response: 8162093
Conc: 51.33 ug/ml

Instrument :

FID_E

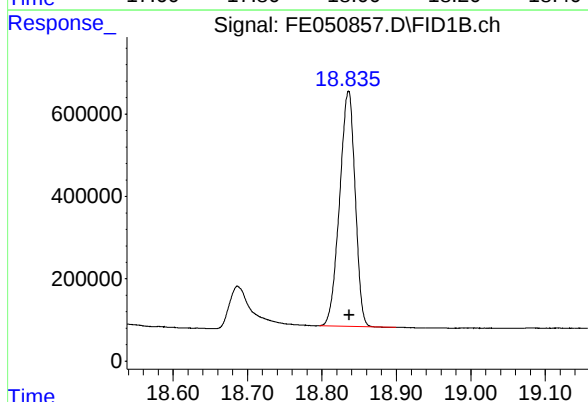
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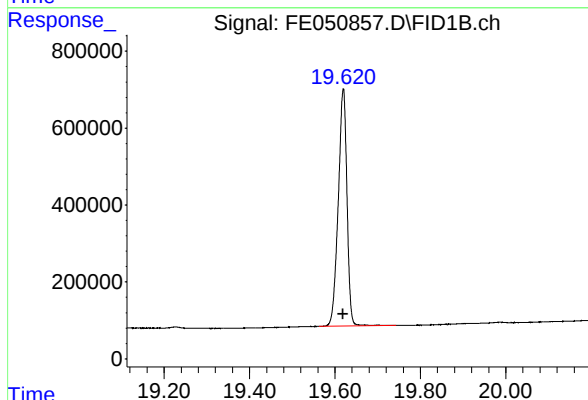
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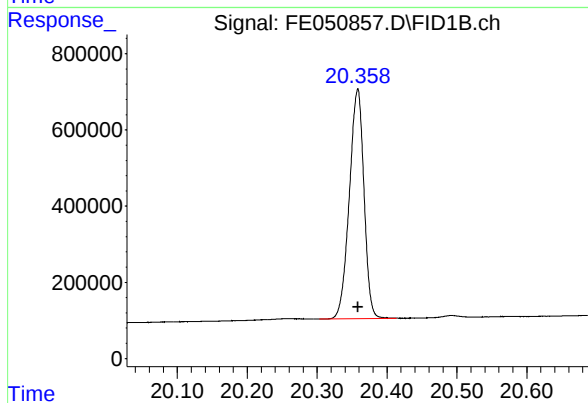
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.002 min
Response: 8278001
Conc: 51.06 ug/ml



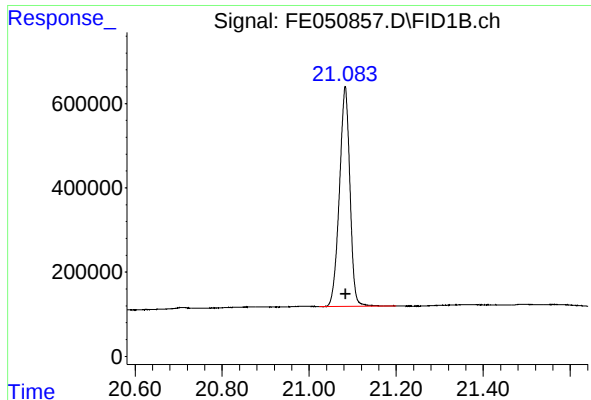
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: 0.000 min
Response: 8774475
Conc: 59.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.357 min
Delta R.T.: -0.001 min
Response: 8754950
Conc: 69.04 ug/ml



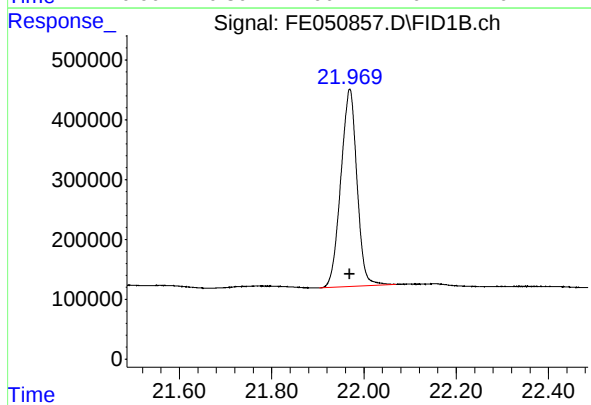
#21 n-Octatriacontane (C38)

R.T.: 21.082 min
Delta R.T.: -0.002 min
Response: 8729056
Conc: 70.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.969 min
Delta R.T.: 0.000 min
Response: 8014559
Conc: 71.98 ug/ml