

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102324AL\
 Data File : FE050793.D
 Signal(s) : FID1B.ch
 Acq On : 23 Oct 2024 15:49
 Operator : YP\AJ
 Sample : P4487-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

BP-B5MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :Ankita Jodhani 10/24/2024

Integration File: autoint1.e

Quant Time: Oct 24 02:30:43 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)	11.860	4117985	26.120 ug/ml
Spiked Amount 50.000		Recovery =	52.24%
12) S 1-chlorooctadecane (S...	13.294	3617496	30.581 ug/ml
Spiked Amount 50.000		Recovery =	61.16%
Target Compounds			
1) T n-Nonane (C9)	3.251	4680309	33.125 ug/ml
2) T n-Decane (C10)	4.500	5186910	36.152 ug/ml
3) T A~Naphthalene (C11.7)	6.210	5729119	40.066 ug/ml
4) T n-Dodecane (C12)	6.666	5619954	39.045 ug/ml
5) T A~2-methylnaphthalene...	7.305	5550553	41.897 ug/ml
6) T n-Tetradecane (C14)	8.495	6218245	43.464 ug/ml
7) T n-Hexadecane (C16)	10.099	6628963	45.043 ug/ml
8) T n-Octadecane (C18)	11.541	6768697	45.315 ug/ml
10) T n-Eicosane (C20)	12.850	6797577	47.403 ug/ml
11) T n-Heneicosane (C21)	13.460	6574781	46.818 ug/ml
13) T n-Docosane (C22)	14.046	6526981	46.523 ug/ml
14) T n-Tetracosane (C24)	15.148	13202788	93.453 ug/ml
15) T n-Hexacosane (C26)	16.169	6440614	45.770 ug/mlm
16) T n-Octacosane (C28)	17.116	7645498	52.248 ug/ml
17) T n-Tricontane (C30)	18.004	6760425	42.518 ug/ml
18) T n-Dotriacontane (C32)	18.835	6854237	42.280 ug/ml
19) T n-Tetratriacontane (C34)	19.618	7138400	48.596 ug/ml
20) T n-Hexatriacontane (C36)	20.359	7208465	56.843 ug/ml
21) T n-Octatriacontane (C38)	21.084	7268066	58.781 ug/ml
22) T n-Tetracontane (C40)	21.972	6733694	60.473 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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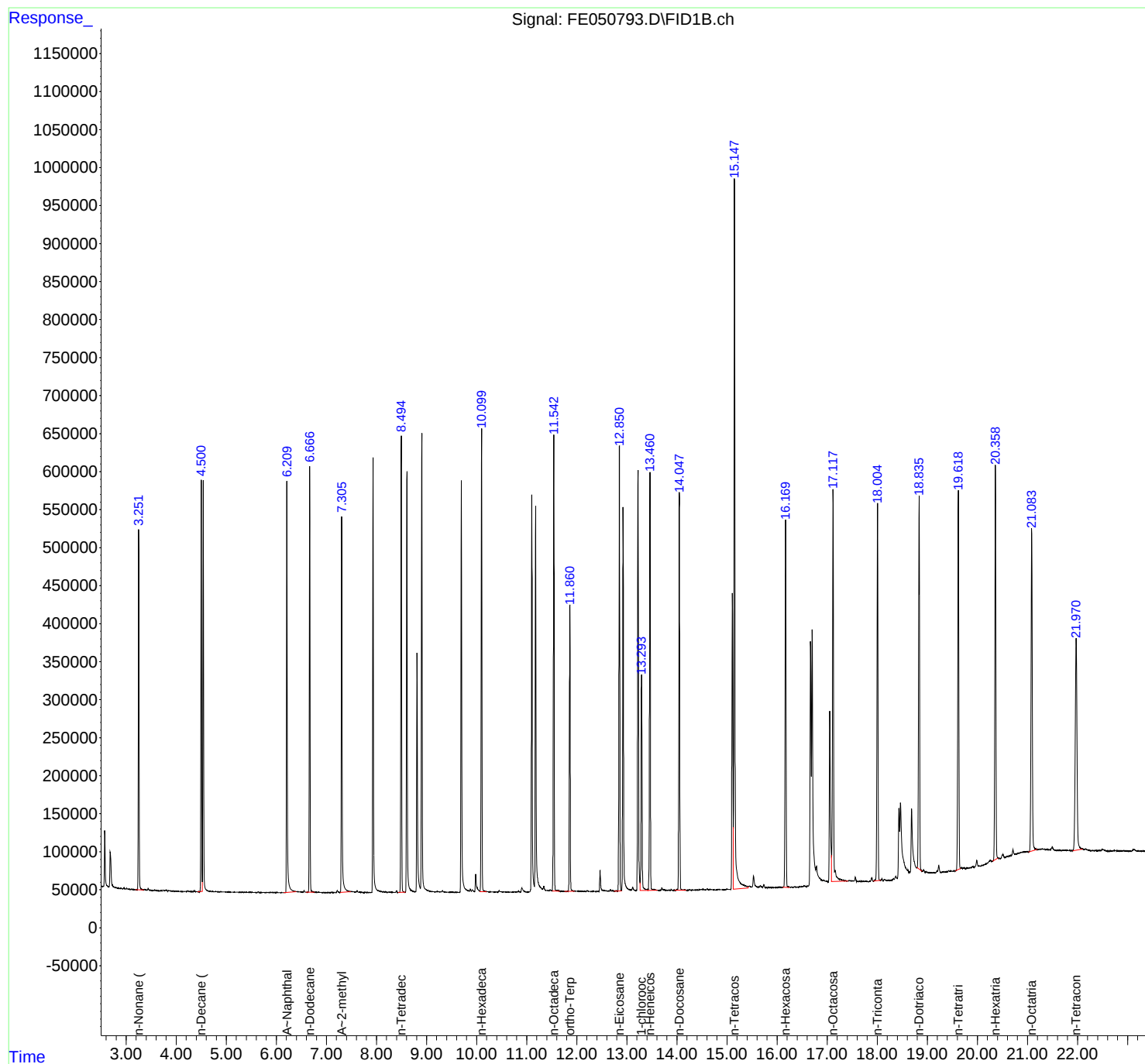
Instrument :
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ClientSampleId :
BP-B5MS

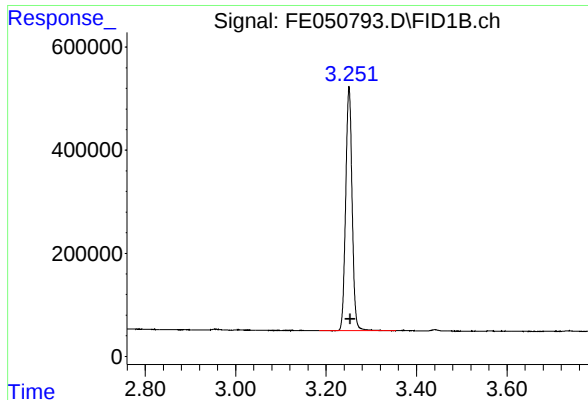
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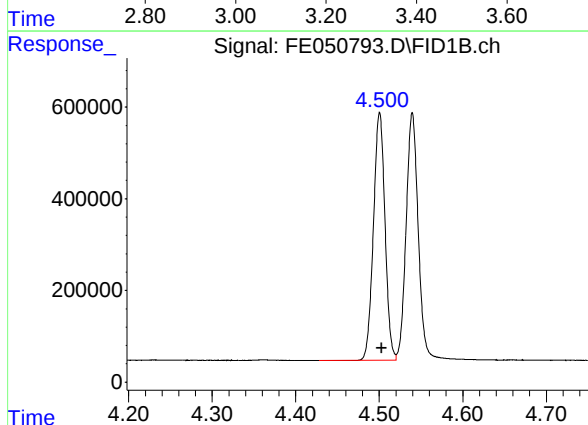
#1 n-Nonane (C9)

R.T.: 3.251 min
Delta R.T.: -0.003 min
Response: 4680309
Conc: 33.13 ug/ml

Instrument :
FID_E
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BP-B5MS

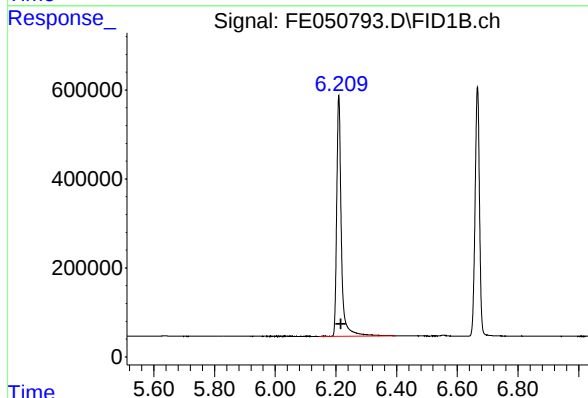
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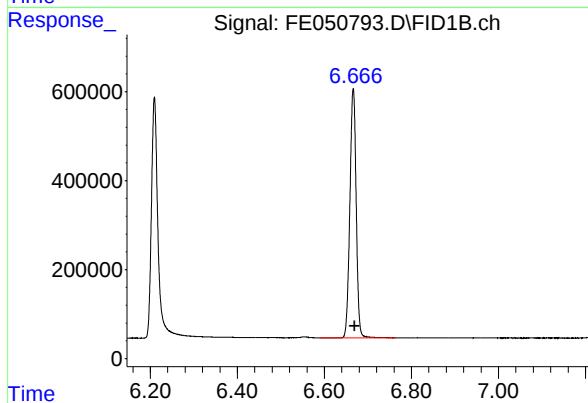
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: -0.002 min
Response: 5186910
Conc: 36.15 ug/ml



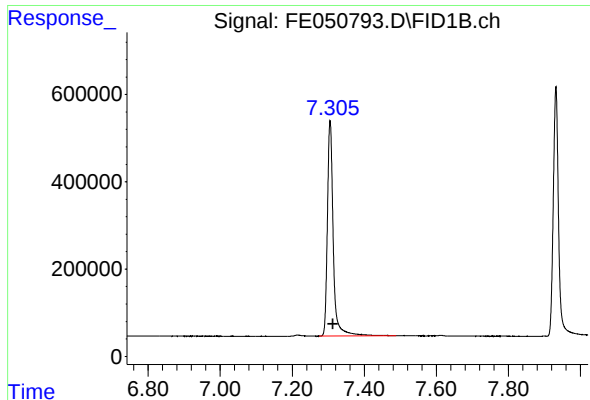
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.007 min
Response: 5729119
Conc: 40.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.666 min
Delta R.T.: -0.003 min
Response: 5619954
Conc: 39.05 ug/ml



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

R.T.: 7.305 min
Delta R.T.: -0.008 min
Response: 5550553
Conc: 41.90 ug/ml

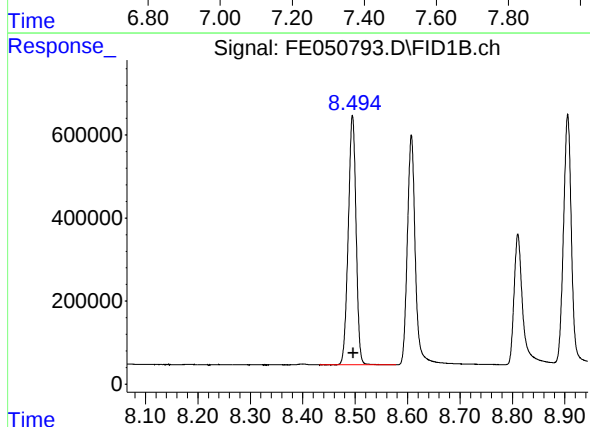
Instrument :

FID_E

ClientSampleId :
BP-B5MS

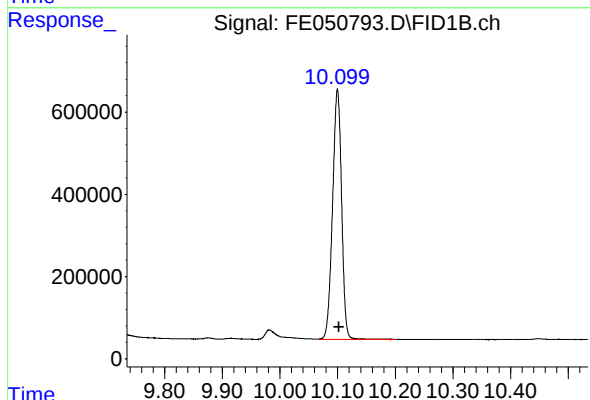
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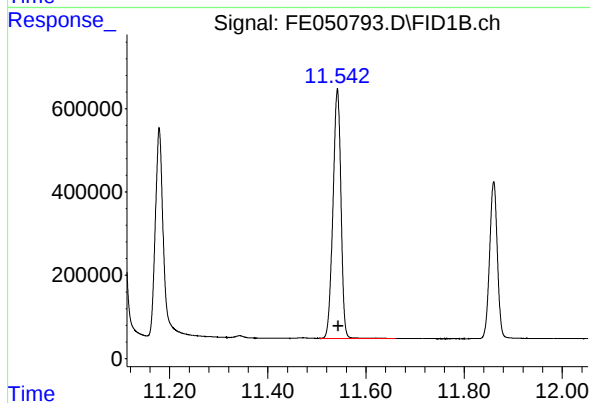
#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: -0.002 min
Response: 6218245
Conc: 43.46 ug/ml



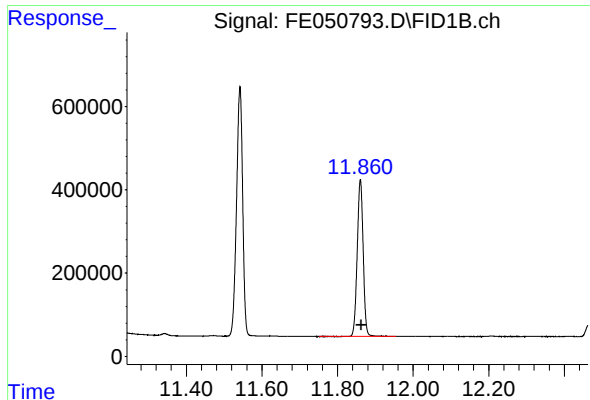
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: -0.003 min
Response: 6628963
Conc: 45.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.541 min
Delta R.T.: -0.002 min
Response: 6768697
Conc: 45.32 ug/ml



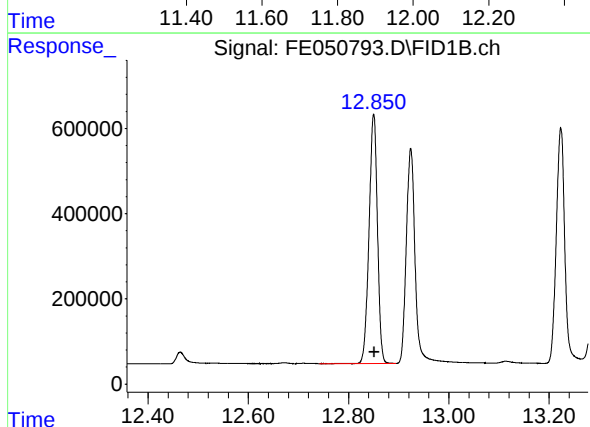
#9 ortho-Terphenyl (SURR)

R.T.: 11.860 min
Delta R.T.: -0.003 min
Response: 4117985
Conc: 26.12 ug/ml

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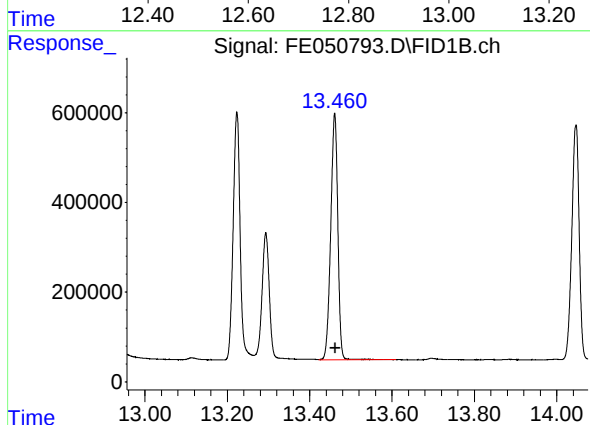
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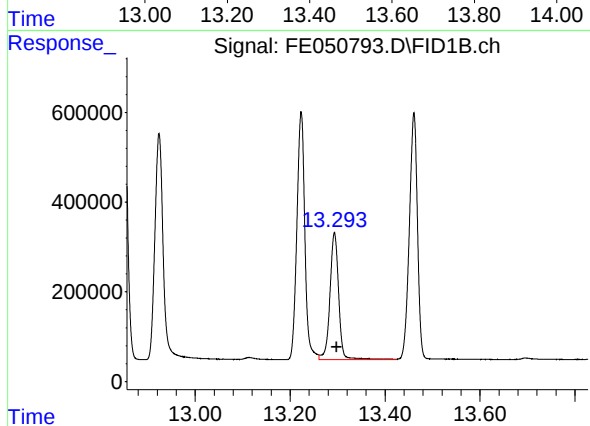
#10 n-Eicosane (C20)

R.T.: 12.850 min
Delta R.T.: -0.002 min
Response: 6797577
Conc: 47.40 ug/ml



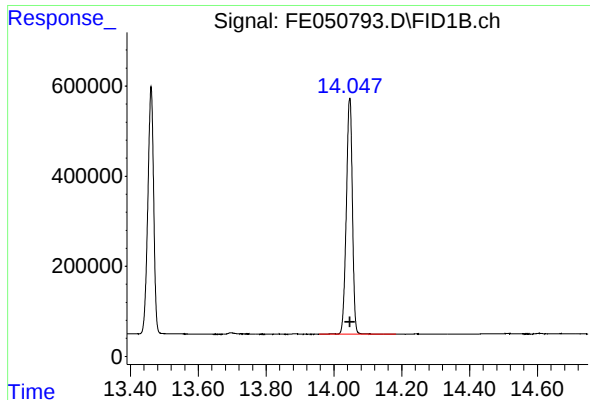
#11 n-Heneicosane (C21)

R.T.: 13.460 min
Delta R.T.: -0.002 min
Response: 6574781
Conc: 46.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.294 min
Delta R.T.: -0.004 min
Response: 3617496
Conc: 30.58 ug/ml



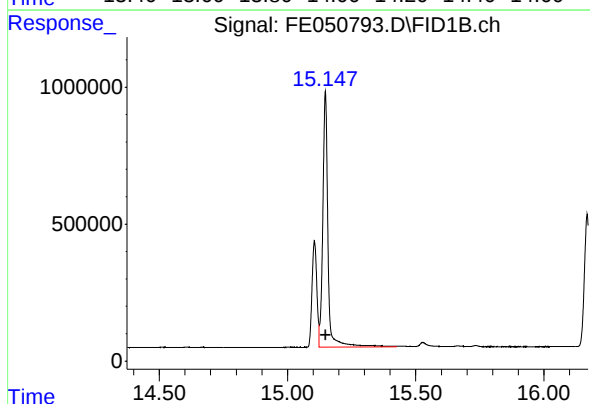
#13 n-Docosane (C22)

R.T.: 14.046 min
Delta R.T.: -0.002 min
Response: 6526981
Conc: 46.52 ug/ml

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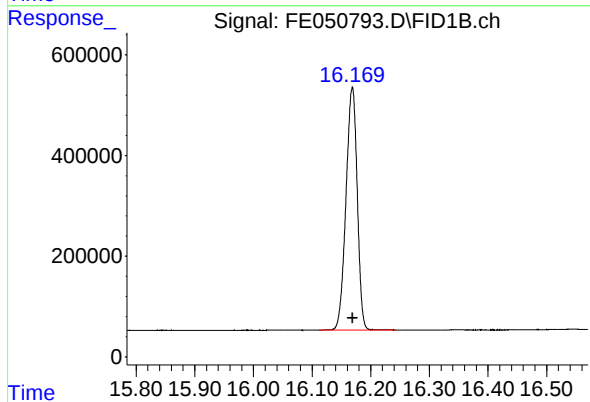
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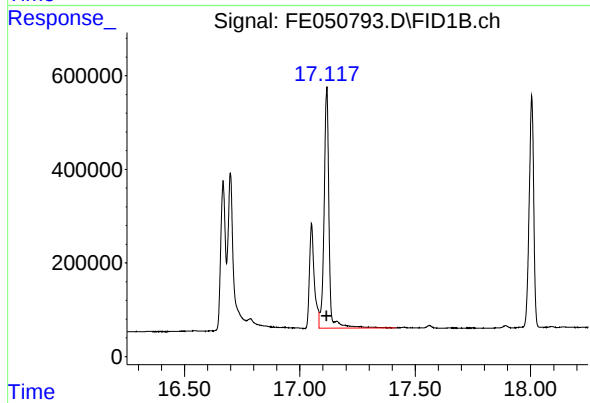
#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.002 min
Response: 13202788
Conc: 93.45 ug/ml



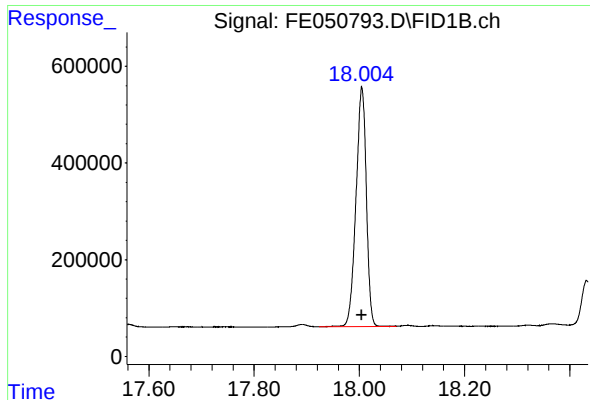
#15 n-Hexacosane (C26)

R.T.: 16.169 min
Delta R.T.: 0.000 min
Response: 6440614
Conc: 45.77 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.116 min
Delta R.T.: -0.002 min
Response: 7645498
Conc: 52.25 ug/ml



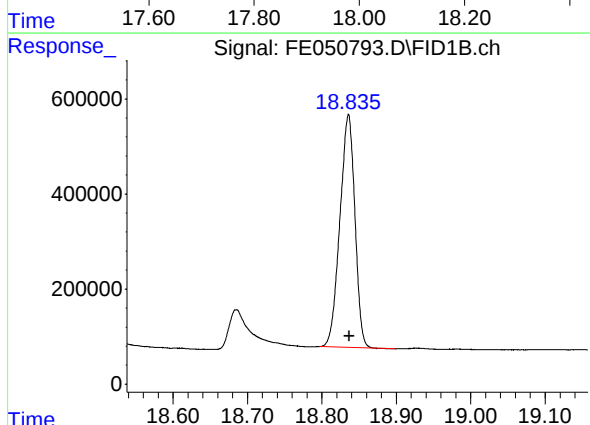
#17 n-Tricontane (C30)

R.T.: 18.004 min
Delta R.T.: 0.000 min
Response: 6760425
Conc: 42.52 ug/ml

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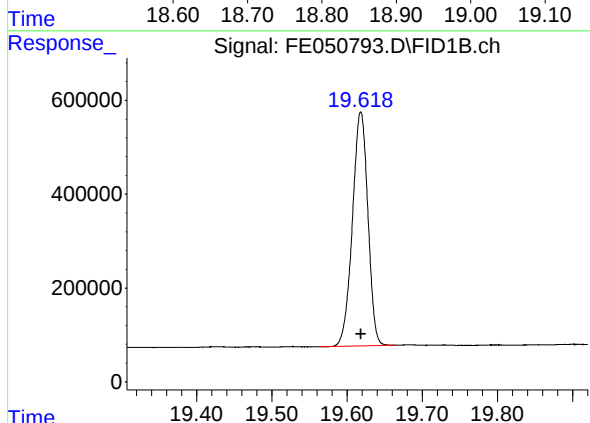
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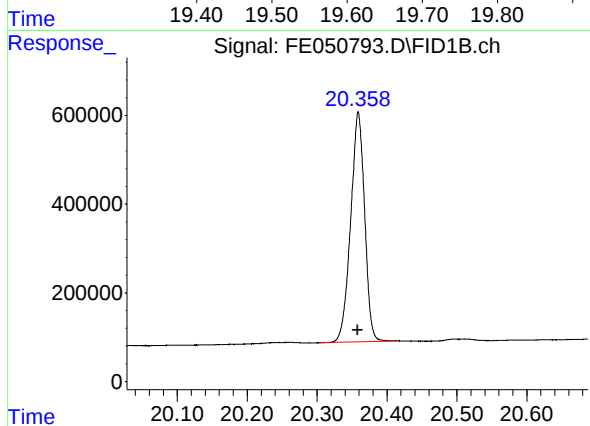
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.001 min
Response: 6854237
Conc: 42.28 ug/ml



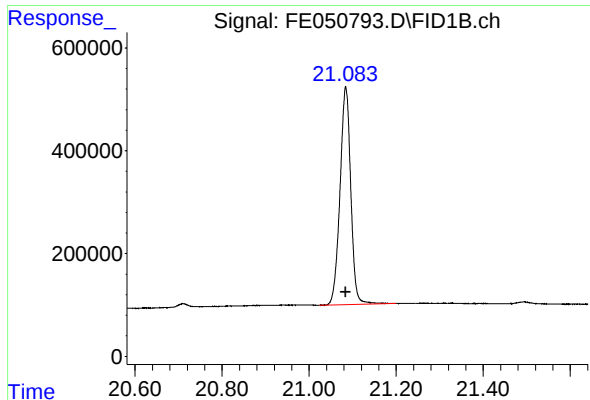
#19 n-Tetratriacontane (C34)

R.T.: 19.618 min
Delta R.T.: 0.000 min
Response: 7138400
Conc: 48.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.359 min
Delta R.T.: 0.000 min
Response: 7208465
Conc: 56.84 ug/ml



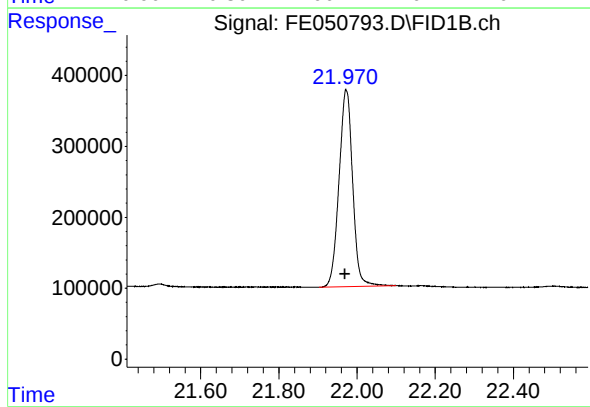
#21 n-Octatriacontane (C38)

R.T.: 21.084 min
Delta R.T.: 0.000 min
Response: 7268066
Conc: 58.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: 0.003 min
Response: 6733694
Conc: 60.47 ug/ml