

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102224AL\
 Data File : FE050762.D
 Signal(s) : FID1B.ch
 Acq On : 22 Oct 2024 14:05
 Operator : YP\AJ
 Sample : PB164308BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB164308BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e

Quant Time: Oct 23 01:32:16 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)	11.864	6404316	40.622 ug/ml
Spiked Amount 50.000		Recovery =	81.24%
12) S 1-chlorooctadecane (S...	13.297	5420583	45.823 ug/ml
Spiked Amount 50.000		Recovery =	91.65%
Target Compounds			
1) T n-Nonane (C9)	3.260	6981730	49.414 ug/ml
2) T n-Decane (C10)	4.507	7292149	50.825 ug/ml
3) T A~Naphthalene (C11.7)	6.214	7869144	55.033 ug/ml
4) T n-Dodecane (C12)	6.670	7460386	51.832 ug/ml
5) T A~2-methylnaphthalene...	7.309	7277840	54.935 ug/ml
6) T n-Tetradecane (C14)	8.498	7528544	52.622 ug/ml
7) T n-Hexadecane (C16)	10.103	7437218	50.535 ug/ml
8) T n-Octadecane (C18)	11.544	7481301	50.086 ug/ml
10) T n-Eicosane (C20)	12.853	7445823	51.923 ug/ml
11) T n-Heneicosane (C21)	13.463	7229608	51.481 ug/ml
13) T n-Docosane (C22)	14.049	7141940	50.906 ug/ml
14) T n-Tetracosane (C24)	15.152	14457143	102.332 ug/ml
15) T n-Hexacosane (C26)	16.172	7080126	50.315 ug/ml
16) T n-Octacosane (C28)	17.120	8355665	57.101 ug/ml
17) T n-Tricontane (C30)	18.007	7387098	46.459 ug/ml
18) T n-Dotriacontane (C32)	18.839	7501649	46.274 ug/ml
19) T n-Tetratriacontane (C34)	19.622	7911216	53.858 ug/ml
20) T n-Hexatriacontane (C36)	20.362	8067494	63.617 ug/ml
21) T n-Octatriacontane (C38)	21.089	8332357	67.388 ug/ml
22) T n-Tetracontane (C40)	21.978	8041850	72.221 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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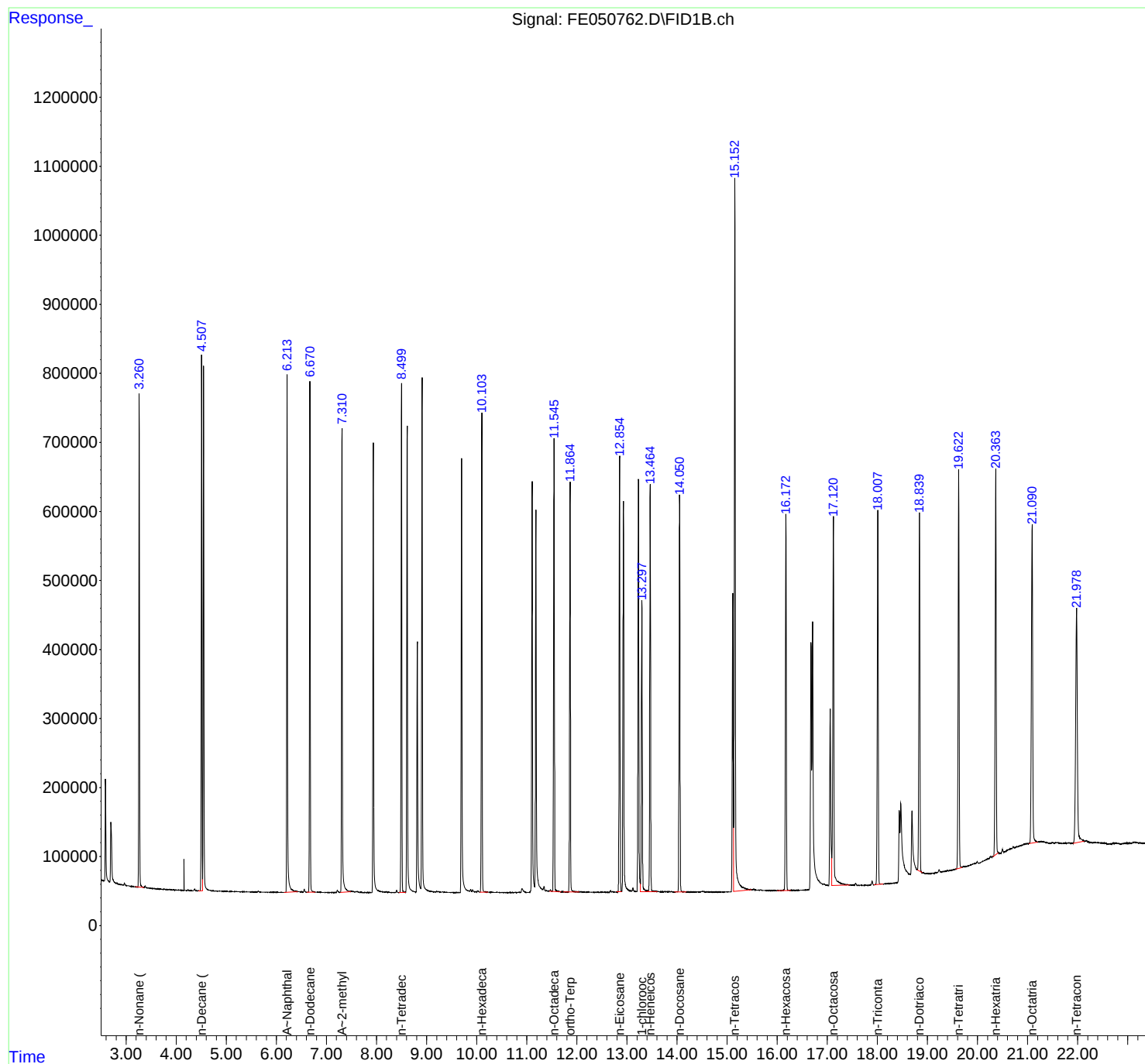
Response via : Initial Calibration

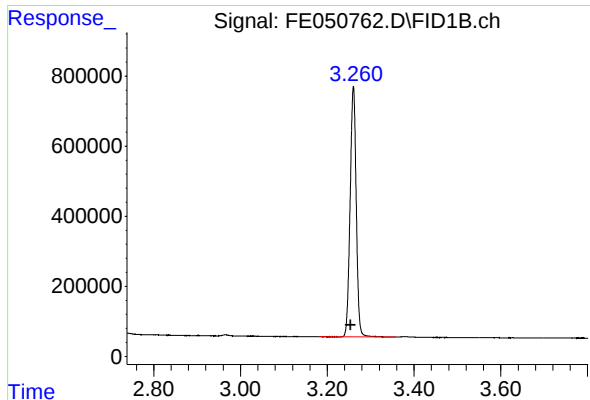
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.260 min
Delta R.T.: 0.006 min
Response: 6981730
Conc: 49.41 ug/ml

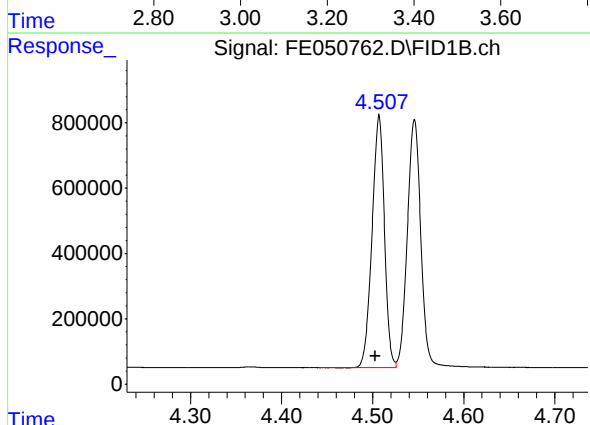
Instrument :

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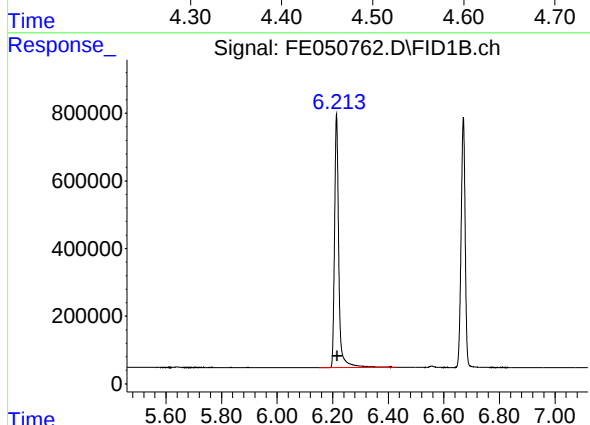
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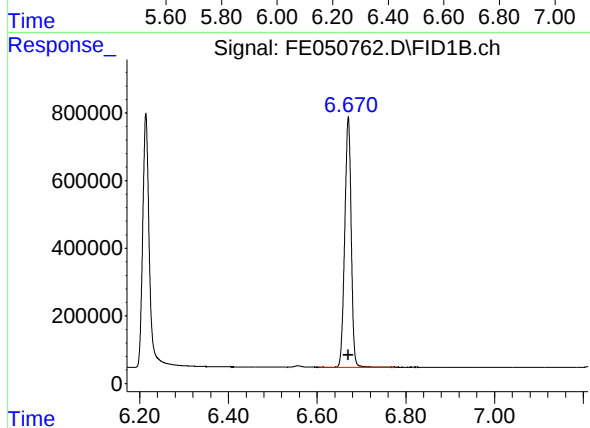
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: 0.004 min
Response: 7292149
Conc: 50.83 ug/ml



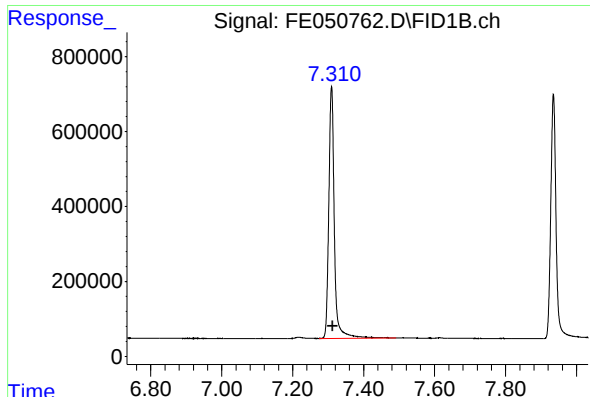
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: -0.003 min
Response: 7869144
Conc: 55.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 7460386
Conc: 51.83 ug/ml



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

R.T.: 7.309 min
Delta R.T.: -0.003 min
Response: 7277840
Conc: 54.94 ug/ml

Instrument :

FID_E

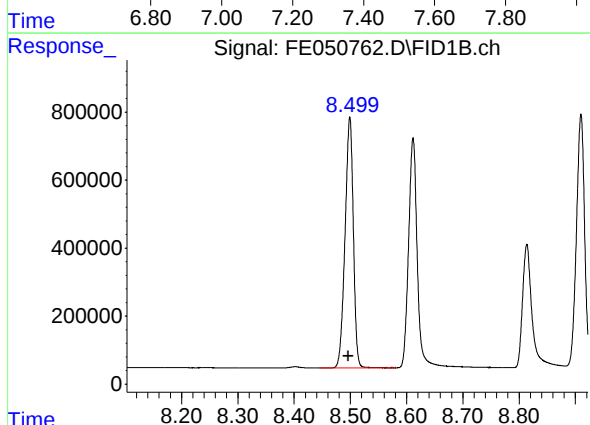
ClientSampleId :

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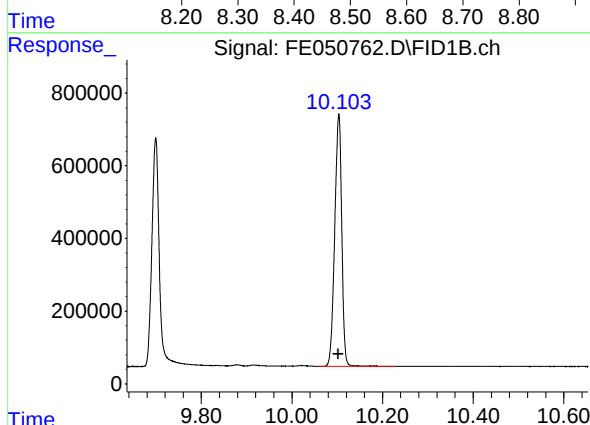
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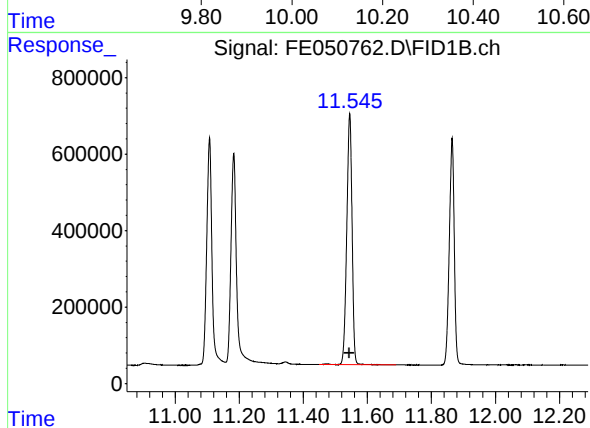
#6 n-Tetradecane (C14)

R.T.: 8.498 min
Delta R.T.: 0.002 min
Response: 7528544
Conc: 52.62 ug/ml



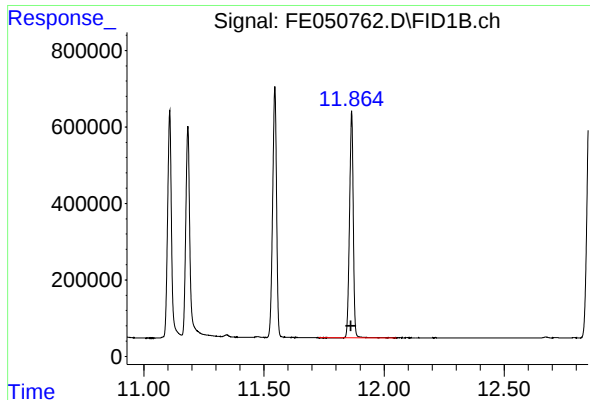
#7 n-Hexadecane (C16)

R.T.: 10.103 min
Delta R.T.: 0.000 min
Response: 7437218
Conc: 50.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.544 min
Delta R.T.: 0.000 min
Response: 7481301
Conc: 50.09 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.864 min
Delta R.T.: 0.000 min
Response: 6404316
Conc: 40.62 ug/ml

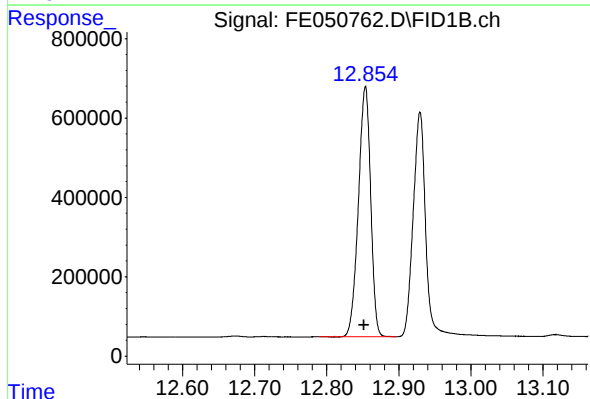
Instrument :

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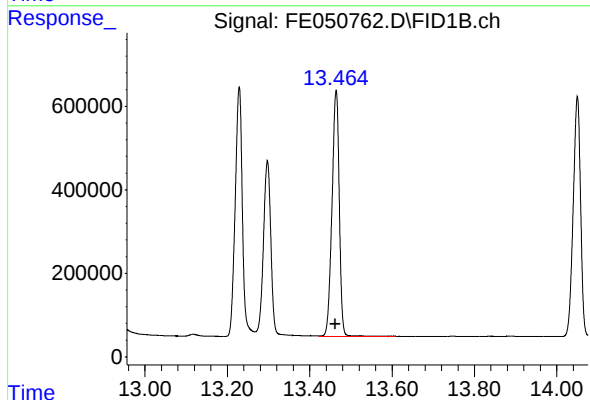
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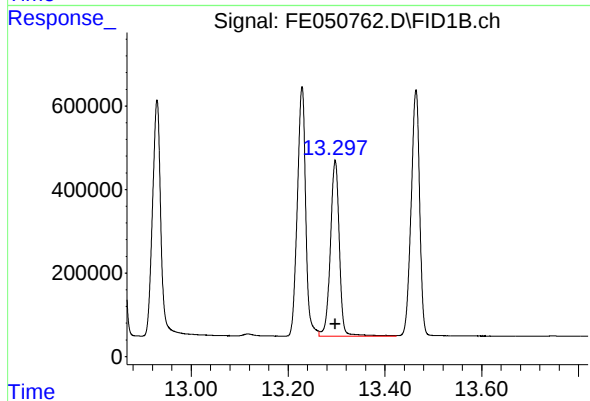
#10 n-Eicosane (C20)

R.T.: 12.853 min
Delta R.T.: 0.002 min
Response: 7445823
Conc: 51.92 ug/ml



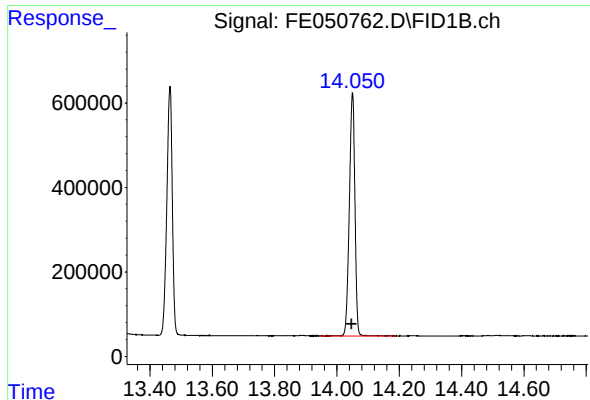
#11 n-Heneicosane (C21)

R.T.: 13.463 min
Delta R.T.: 0.000 min
Response: 7229608
Conc: 51.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.297 min
Delta R.T.: 0.000 min
Response: 5420583
Conc: 45.82 ug/ml



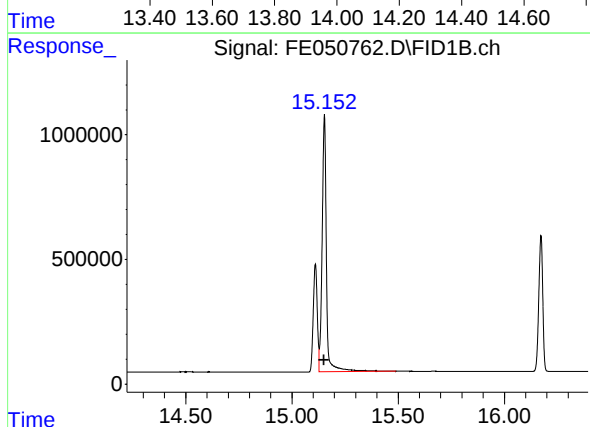
#13 n-Docosane (C22)

R.T.: 14.049 min
Delta R.T.: 0.001 min
Response: 7141940
Conc: 50.91 ug/ml

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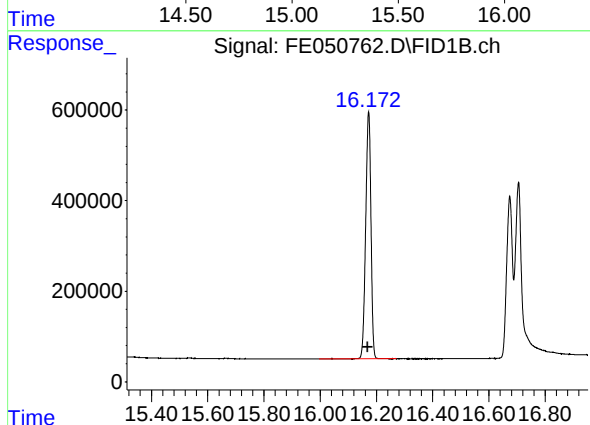
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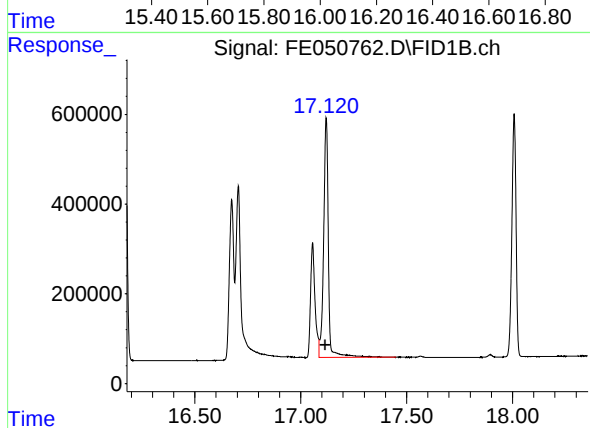
#14 n-Tetracosane (C24)

R.T.: 15.152 min
Delta R.T.: 0.002 min
Response: 14457143
Conc: 102.33 ug/ml



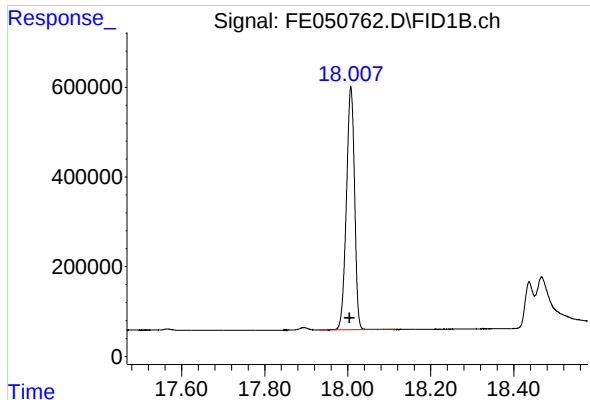
#15 n-Hexacosane (C26)

R.T.: 16.172 min
Delta R.T.: 0.002 min
Response: 7080126
Conc: 50.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.120 min
Delta R.T.: 0.002 min
Response: 8355665
Conc: 57.10 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.007 min
Delta R.T.: 0.003 min
Response: 7387098
Conc: 46.46 ug/ml

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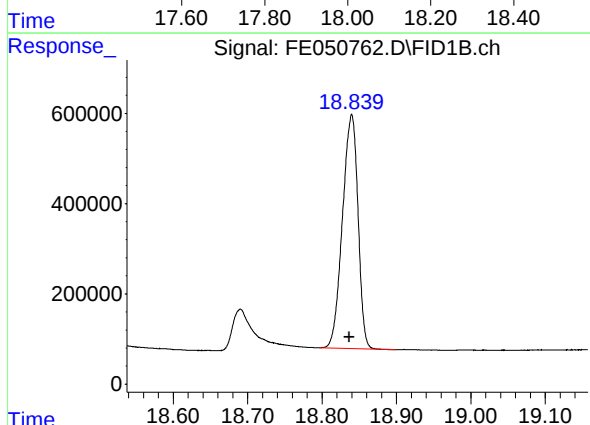
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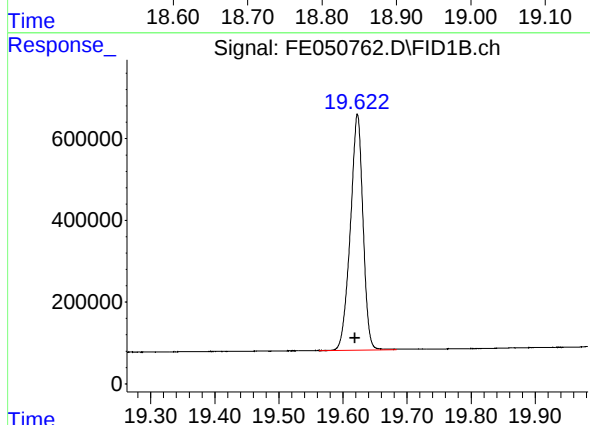
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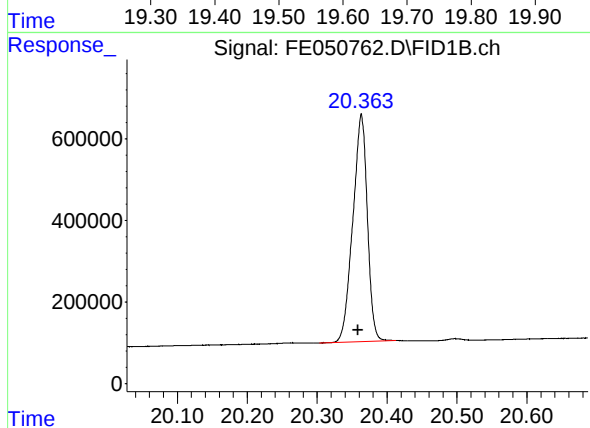
#18 n-Dotriacontane (C32)

R.T.: 18.839 min
Delta R.T.: 0.002 min
Response: 7501649
Conc: 46.27 ug/ml



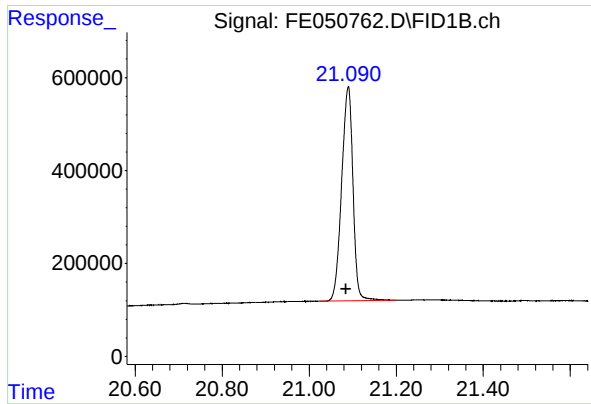
#19 n-Tetratriacontane (C34)

R.T.: 19.622 min
Delta R.T.: 0.003 min
Response: 7911216
Conc: 53.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.362 min
Delta R.T.: 0.004 min
Response: 8067494
Conc: 63.62 ug/ml



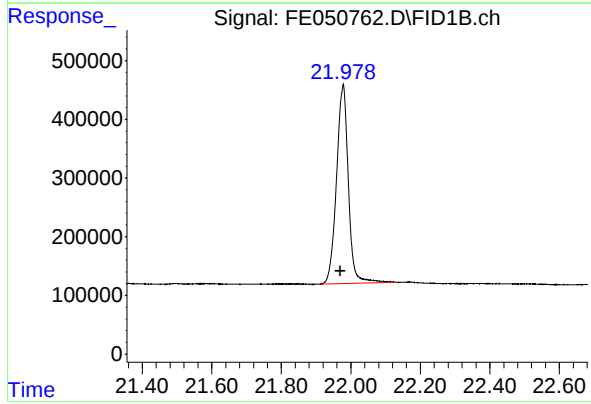
#21 n-Octatriacontane (C38)

R.T.: 21.089 min
Delta R.T.: 0.004 min
Response: 8332357
Conc: 67.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.978 min
Delta R.T.: 0.009 min
Response: 8041850
Conc: 72.22 ug/ml m