

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102224AL\
 Data File : FE050766.D
 Signal(s) : FID1B.ch
 Acq On : 22 Oct 2024 16:06
 Operator : YP\AJ
 Sample : P4467-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-1MS

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 01:33:04 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	5030620	31.909 ug/ml
Spiked Amount 50.000		Recovery =	63.82%
12) S 1-chlorooctadecane (S...	13.296	4427966	37.432 ug/ml
Spiked Amount 50.000		Recovery =	74.86%
Target Compounds			
1) T n-Nonane (C9)	3.252	5187641	36.716 ug/ml
2) T n-Decane (C10)	4.503	5999696	41.817 ug/ml
3) T A~Naphthalene (C11.7)	6.212	6825673	47.735 ug/ml
4) T n-Dodecane (C12)	6.669	6711550	46.629 ug/ml
5) T A~2-methylnaphthalene...	7.309	6615107	49.933 ug/ml
6) T n-Tetradecane (C14)	8.498	7205765	50.366 ug/ml
7) T n-Hexadecane (C16)	10.103	7435788	50.525 ug/ml
8) T n-Octadecane (C18)	11.544	7528989	50.405 ug/ml
10) T n-Eicosane (C20)	12.853	7561053	52.727 ug/mlm
11) T n-Heneicosane (C21)	13.463	7275963	51.811 ug/ml
13) T n-Docosane (C22)	14.049	7223906	51.491 ug/mlm
14) T n-Tetracosane (C24)	15.151	14540174	102.920 ug/ml
15) T n-Hexacosane (C26)	16.171	7148772	50.803 ug/ml
16) T n-Octacosane (C28)	17.119	7801478	53.314 ug/mlm
17) T n-Tricontane (C30)	18.006	7469853	46.979 ug/ml
18) T n-Dotriacontane (C32)	18.838	7574763	46.725 ug/ml
19) T n-Tetratriacontane (C34)	19.621	7898092	53.768 ug/ml
20) T n-Hexatriacontane (C36)	20.362	8029420	63.316 ug/ml
21) T n-Octatriacontane (C38)	21.088	8130506	65.756 ug/ml
22) T n-Tetracontane (C40)	21.976	7339148	65.910 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 16 Sample Multiplier: 1

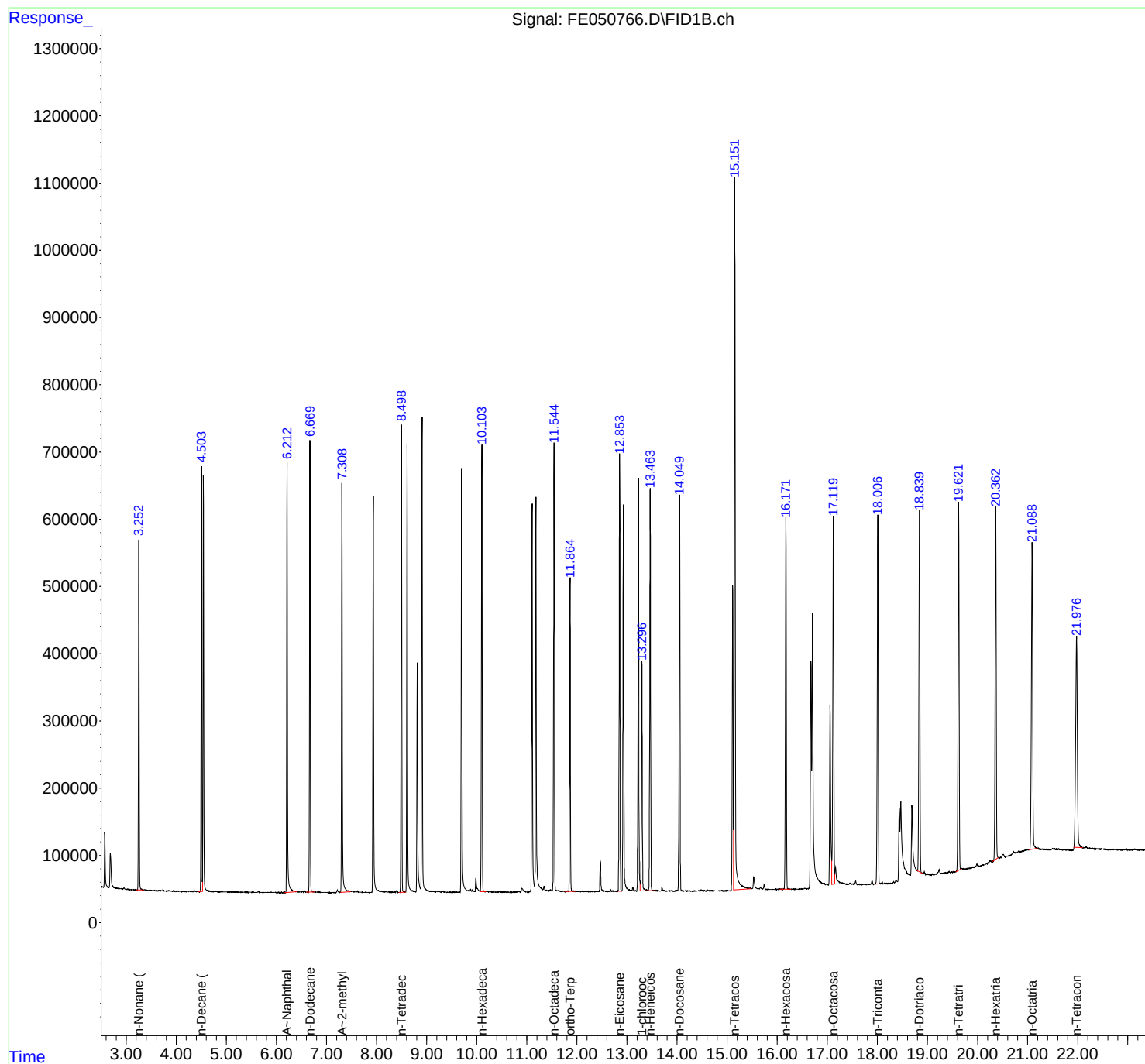
Instrument :
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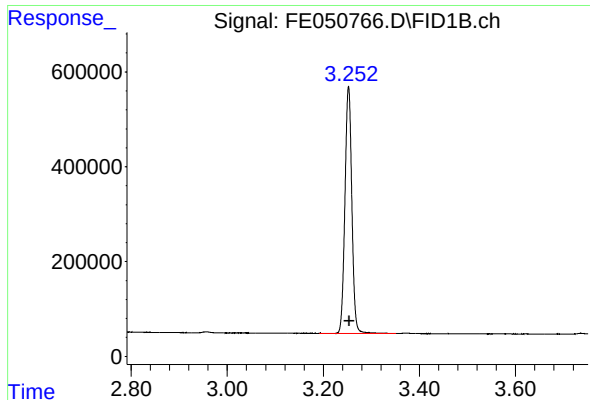
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.252 min
Delta R.T.: -0.002 min
Response: 5187641
Conc: 36.72 ug/ml

Instrument :

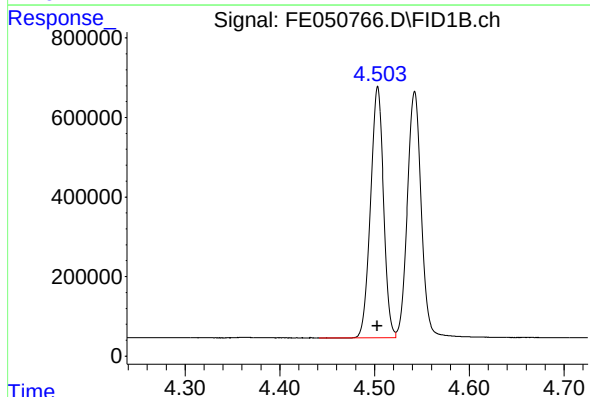
FID_E

ClientSampleId :

TP-1MS

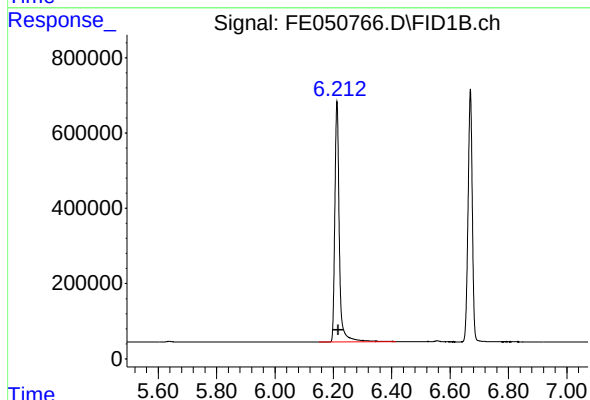
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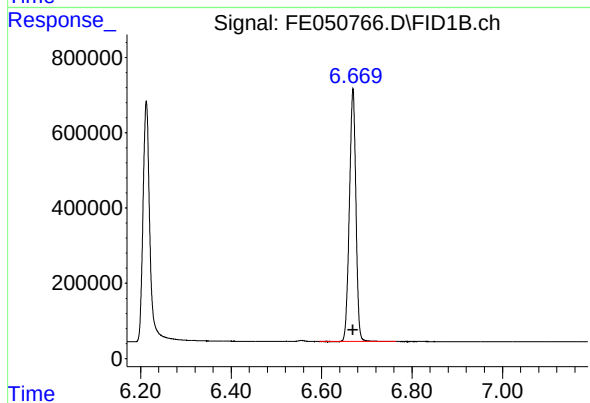
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: 0.000 min
Response: 5999696
Conc: 41.82 ug/ml



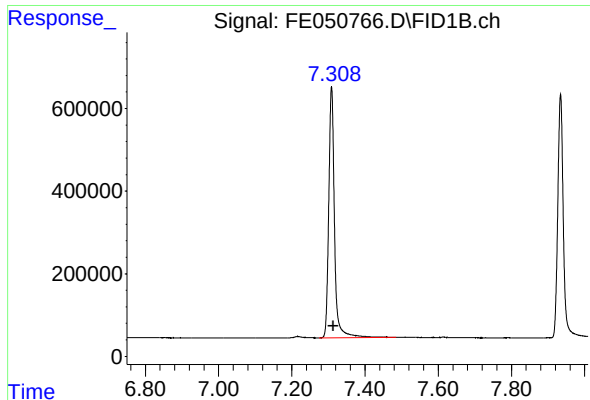
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.004 min
Response: 6825673
Conc: 47.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 6711550
Conc: 46.63 ug/ml



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

R.T.: 7.309 min
Delta R.T.: -0.004 min
Response: 6615107
Conc: 49.93 ug/ml

Instrument :

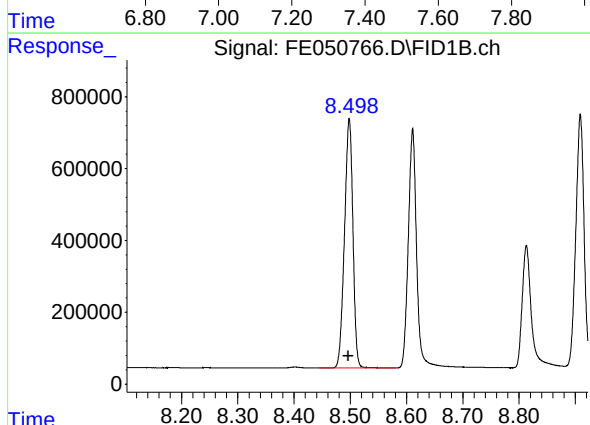
FID_E

ClientSampleId :

TP-1MS

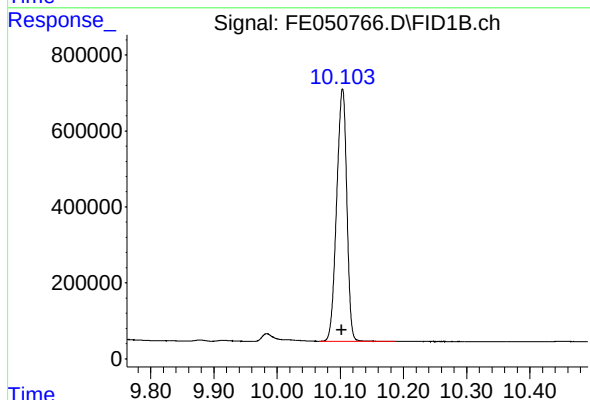
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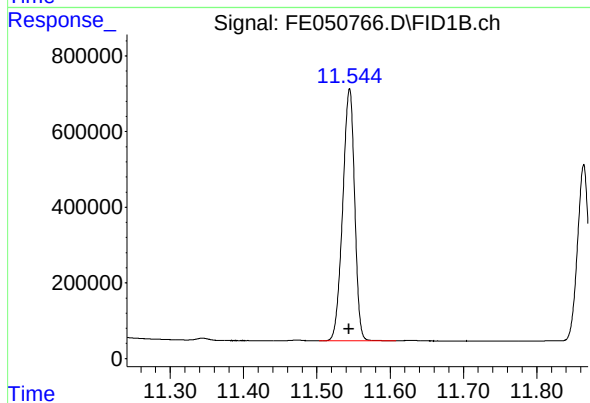
#6 n-Tetradecane (C14)

R.T.: 8.498 min
Delta R.T.: 0.002 min
Response: 7205765
Conc: 50.37 ug/ml



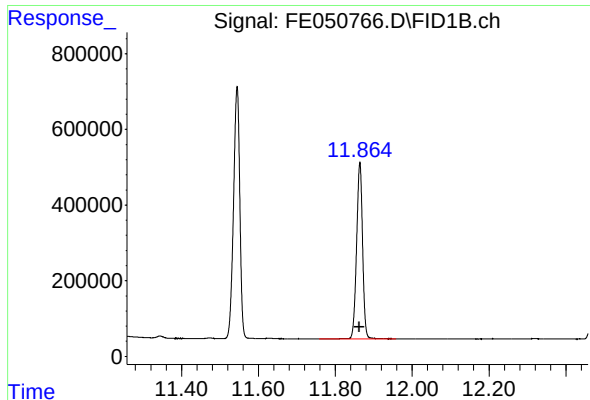
#7 n-Hexadecane (C16)

R.T.: 10.103 min
Delta R.T.: 0.000 min
Response: 7435788
Conc: 50.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.544 min
Delta R.T.: 0.000 min
Response: 7528989
Conc: 50.41 ug/ml



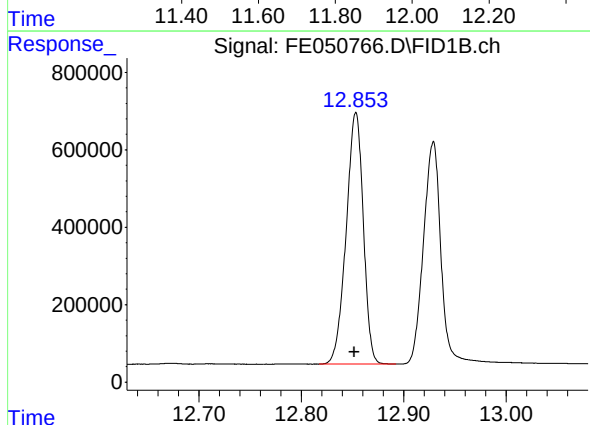
#9 ortho-Terphenyl (SURR)

R.T.: 11.864 min
Delta R.T.: 0.000 min
Response: 5030620
Conc: 31.91 ug/ml

Instrument :
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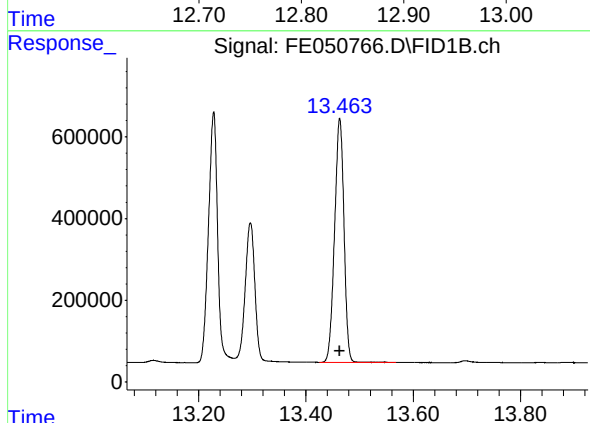
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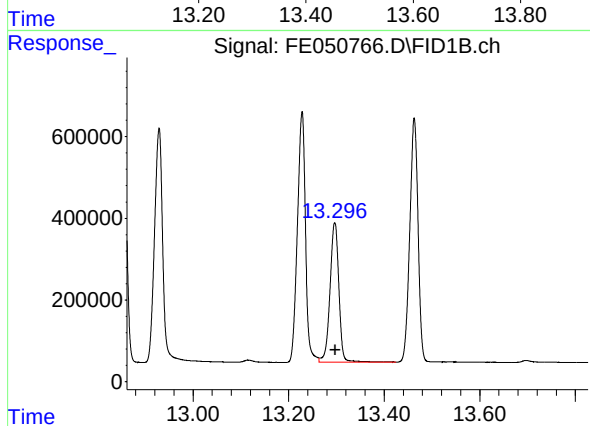
#10 n-Eicosane (C20)

R.T.: 12.853 min
Delta R.T.: 0.002 min
Response: 7561053
Conc: 52.73 ug/ml m



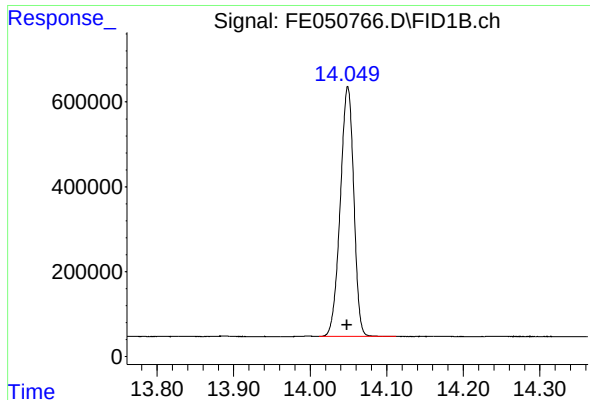
#11 n-Heneicosane (C21)

R.T.: 13.463 min
Delta R.T.: 0.000 min
Response: 7275963
Conc: 51.81 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.296 min
Delta R.T.: -0.002 min
Response: 4427966
Conc: 37.43 ug/ml



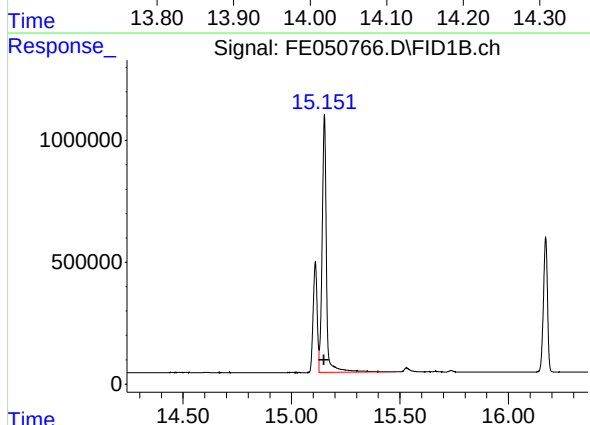
#13 n-Docosane (C22)

R.T.: 14.049 min
Delta R.T.: 0.000 min
Response: 7223906
Conc: 51.49 ug/ml

Instrument :
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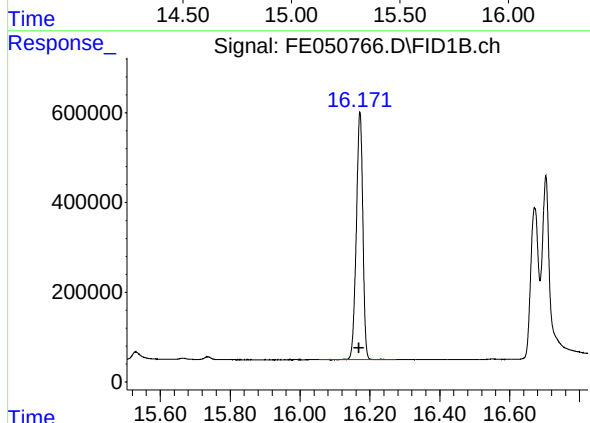
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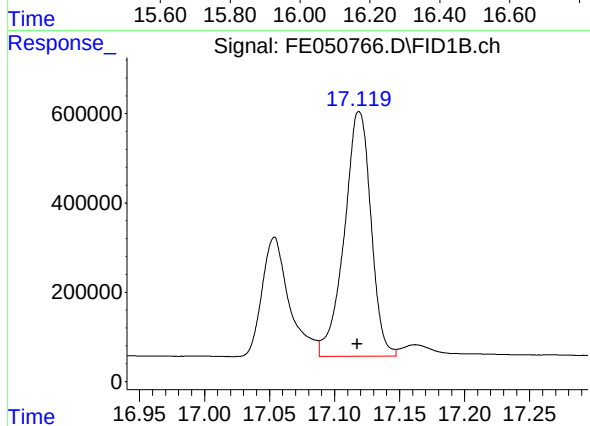
#14 n-Tetracosane (C24)

R.T.: 15.151 min
Delta R.T.: 0.000 min
Response: 14540174
Conc: 102.92 ug/ml



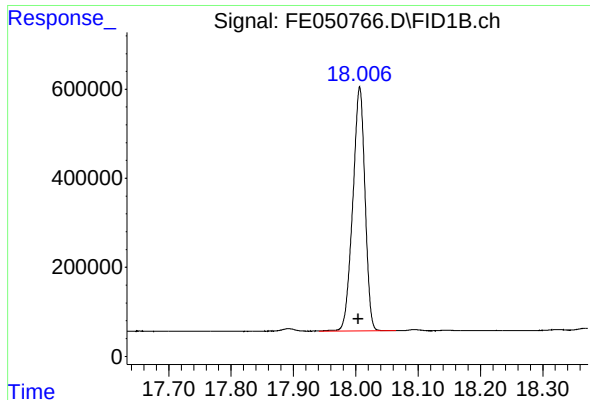
#15 n-Hexacosane (C26)

R.T.: 16.171 min
Delta R.T.: 0.002 min
Response: 7148772
Conc: 50.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.119 min
Delta R.T.: 0.001 min
Response: 7801478
Conc: 53.31 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.006 min
Delta R.T.: 0.002 min
Response: 7469853
Conc: 46.98 ug/ml

Instrument :

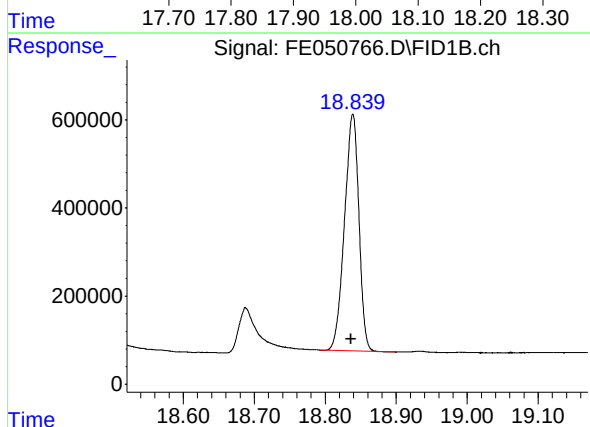
FID_E

ClientSampleId :

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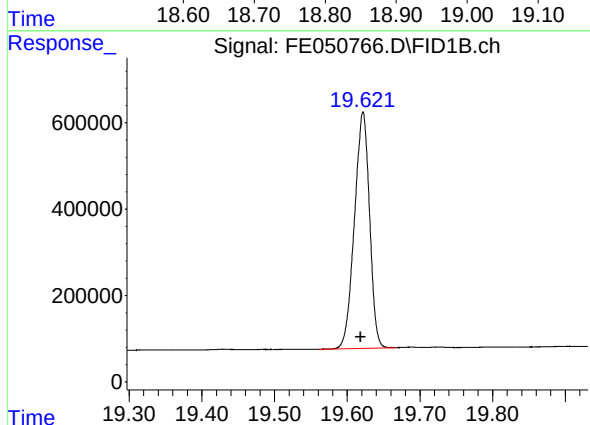
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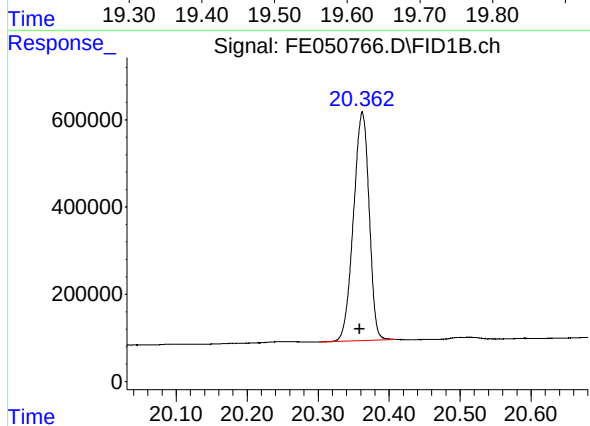
#18 n-Dotriacontane (C32)

R.T.: 18.838 min
Delta R.T.: 0.002 min
Response: 7574763
Conc: 46.72 ug/ml



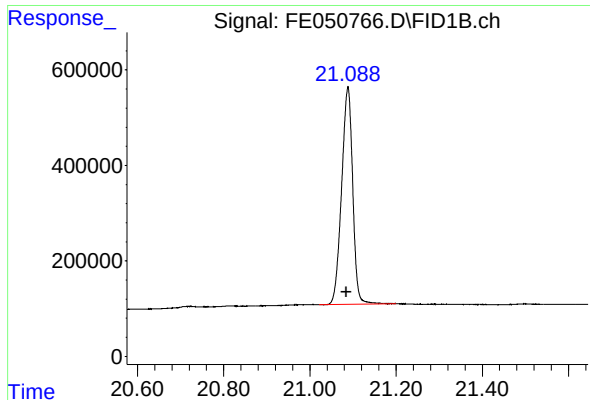
#19 n-Tetratriacontane (C34)

R.T.: 19.621 min
Delta R.T.: 0.002 min
Response: 7898092
Conc: 53.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.362 min
Delta R.T.: 0.003 min
Response: 8029420
Conc: 63.32 ug/ml



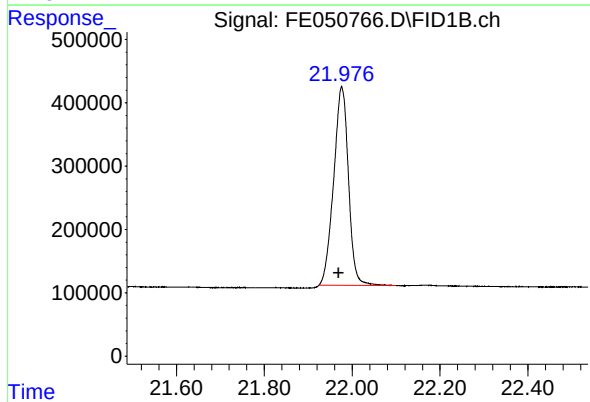
#21 n-Octatriacontane (C38)

R.T.: 21.088 min
Delta R.T.: 0.003 min
Response: 8130506
Conc: 65.76 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.976 min
Delta R.T.: 0.007 min
Response: 7339148
Conc: 65.91 ug/ml