

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042424AL\
 Data File : FE047763.D
 Signal(s) : FID1B.ch
 Acq On : 24 Apr 2024 18:09
 Operator : YP\AJ
 Sample : P2245-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 YARD-3MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :Ankita Jodhani 04/25/2024

Integration File: sample.E
 Quant Time: Apr 25 03:40:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.975	5612217	32.357 ug/mlm
Spiked Amount 50.000		Recovery =	64.71%
12) S 1-chlorooctadecane (S...	13.409	4629397	34.420 ug/ml
Spiked Amount 50.000		Recovery =	68.84%
Target Compounds			
1) T n-Nonane (C9)	3.354	4066417	25.992 ug/ml
2) T n-Decane (C10)	4.608	4617092	28.728 ug/ml
3) T A~Naphthalene (C11.7)	6.315	4962722	29.269 ug/ml
4) T n-Dodecane (C12)	6.774	5037088	31.034 ug/ml
5) T A~2-methylnaphthalene...	7.411	5127949	31.226 ug/ml
6) T n-Tetradecane (C14)	8.604	5453169	33.897 ug/ml
7) T n-Hexadecane (C16)	10.211	5922952	35.664 ug/ml
8) T n-Octadecane (C18)	11.655	6309518	37.624 ug/ml
10) T n-Eicosane (C20)	12.964	6446918	39.795 ug/ml
11) T n-Heneicosane (C21)	13.576	6277755	39.564 ug/ml
13) T n-Docosane (C22)	14.162	6252753	38.962 ug/ml
14) T n-Tetracosane (C24)	15.257	10490569	63.554 ug/ml
15) T n-Hexacosane (C26)	16.286	6140676	37.150 ug/ml
16) T n-Octacosane (C28)	17.234	6271618	37.845 ug/ml
17) T n-Tricontane (C30)	18.122	6213818	36.600 ug/ml
18) T n-Dotriacontane (C32)	18.952	6165182	36.972 ug/ml
19) T n-Tetratriacontane (C34)	19.736	6336844	39.510 ug/ml
20) T n-Hexatriacontane (C36)	20.474	6423306	40.272 ug/ml
21) T n-Octatriacontane (C38)	21.217	6522006	40.130 ug/ml
22) T n-Tetracontane (C40)	22.147	6501917	39.712 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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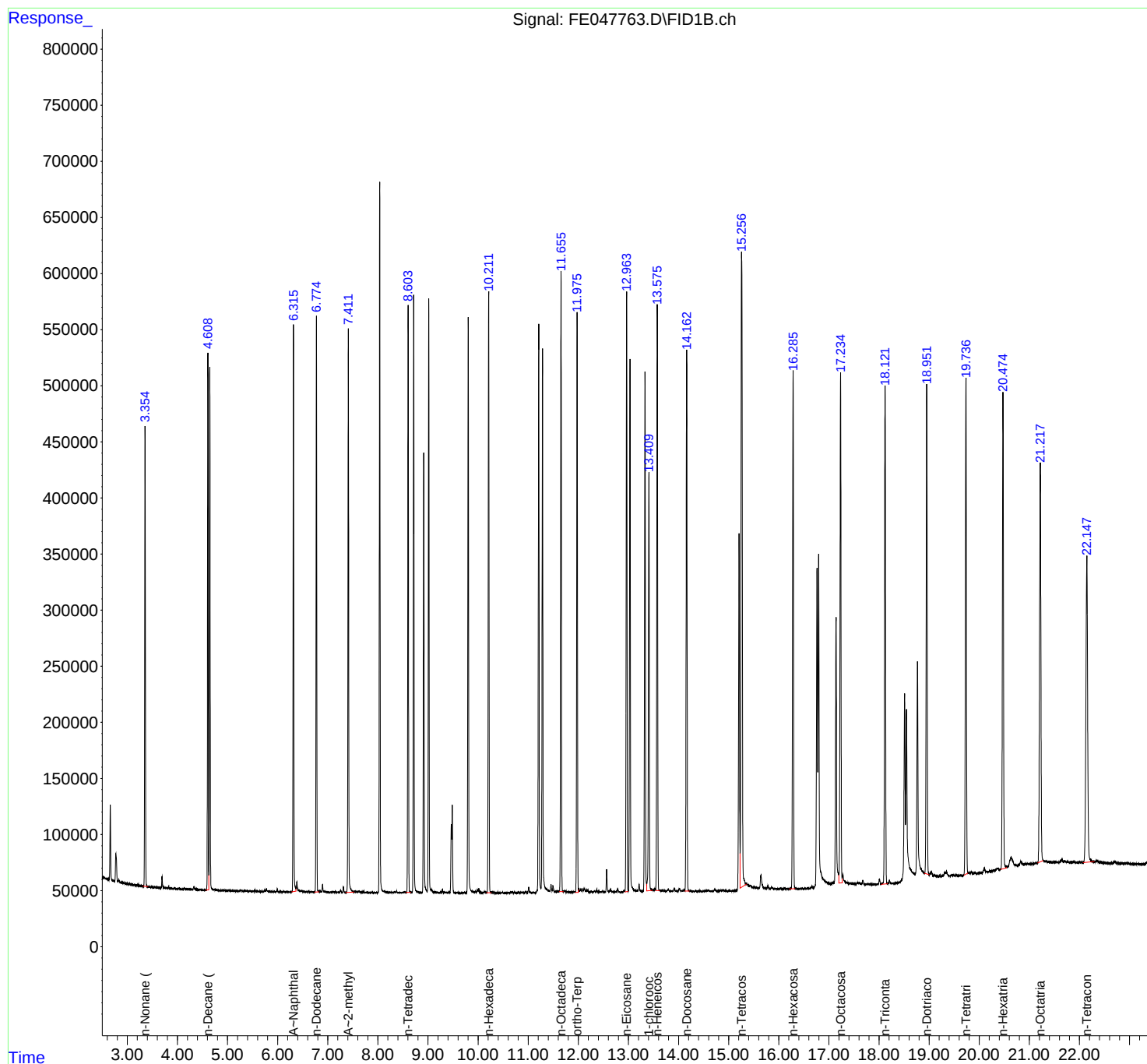
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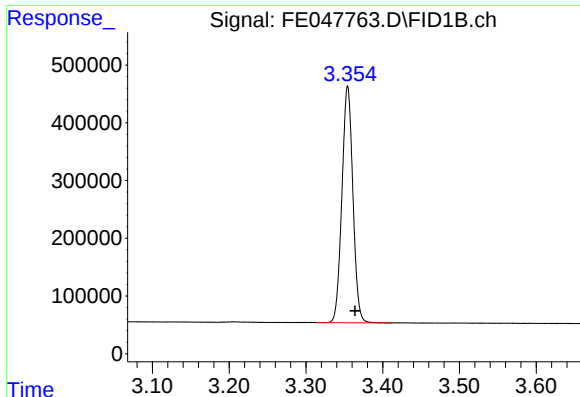
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#1 n-Nonane (C9)

R.T.: 3.354 min
Delta R.T.: -0.010 min
Response: 4066417
Conc: 25.99 ug/ml

Instrument :

FID_E

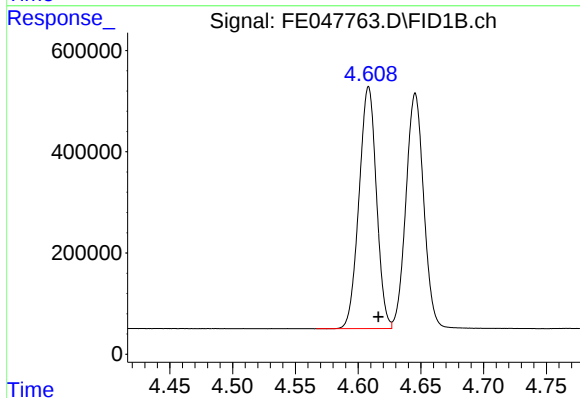
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YARD-3MSD

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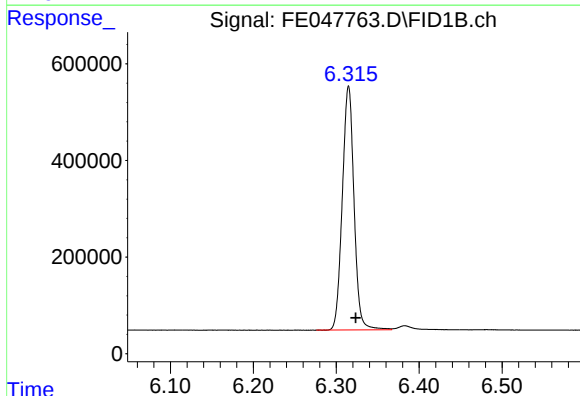
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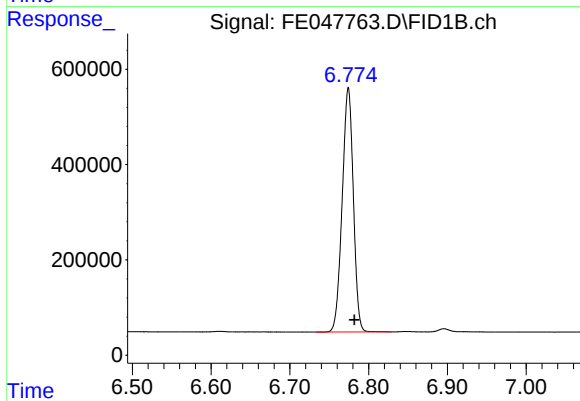
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: -0.008 min
Response: 4617092
Conc: 28.73 ug/ml



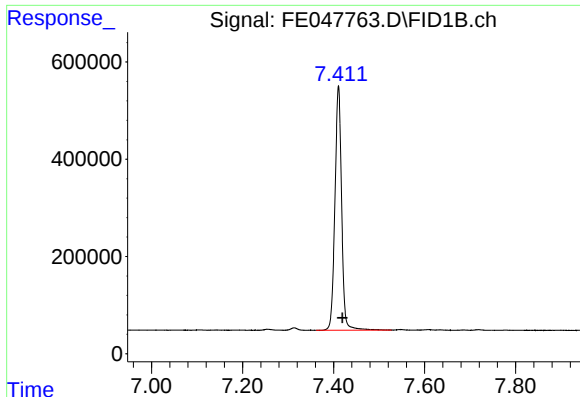
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min
Delta R.T.: -0.008 min
Response: 4962722
Conc: 29.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.774 min
Delta R.T.: -0.008 min
Response: 5037088
Conc: 31.03 ug/ml



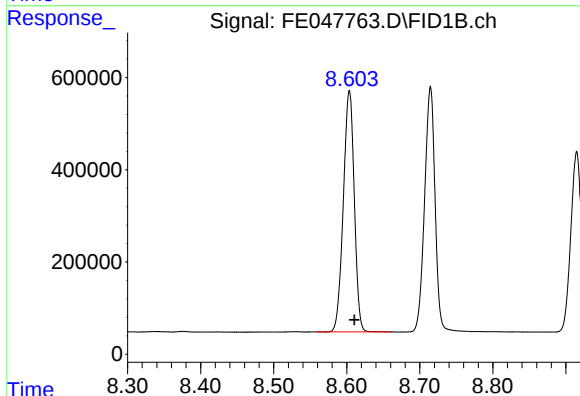
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.411 min
Delta R.T.: -0.009 min
Response: 5127949
Conc: 31.23 ug/ml

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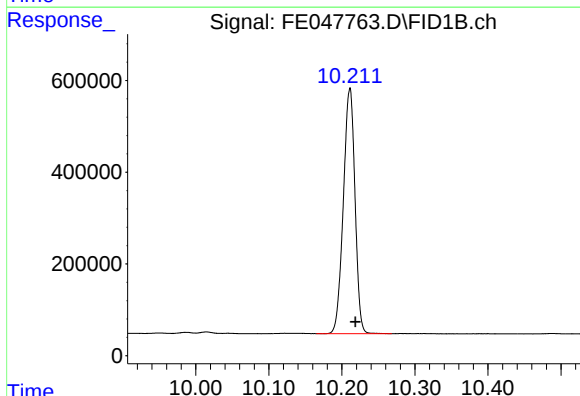
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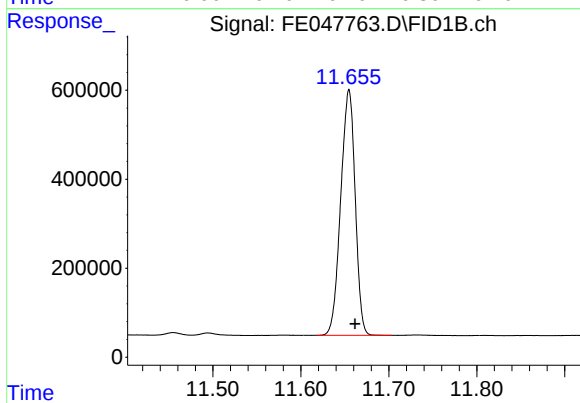
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: -0.007 min
Response: 5453169
Conc: 33.90 ug/ml



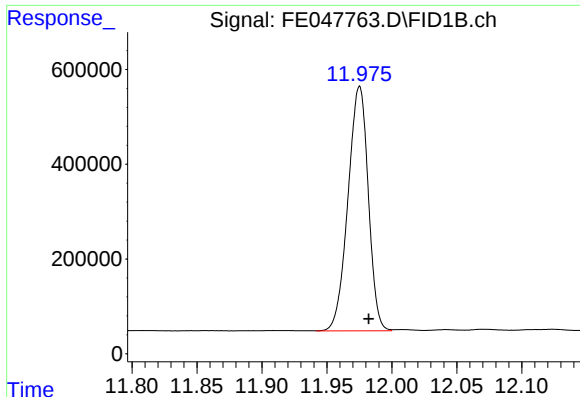
#7 n-Hexadecane (C16)

R.T.: 10.211 min
Delta R.T.: -0.008 min
Response: 5922952
Conc: 35.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.655 min
Delta R.T.: -0.007 min
Response: 6309518
Conc: 37.62 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min
Delta R.T.: -0.007 min
Response: 5612217
Conc: 32.36 ug/ml

Instrument :

FID_E

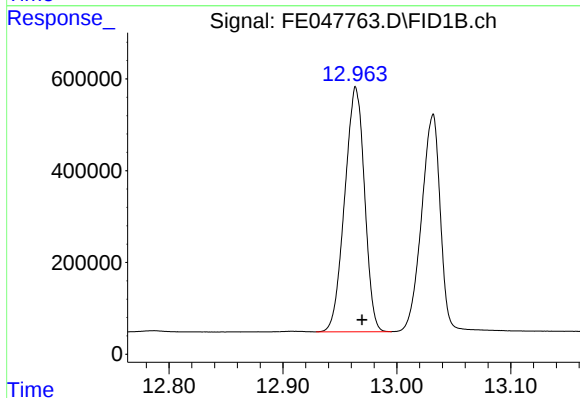
ClientSampleId :

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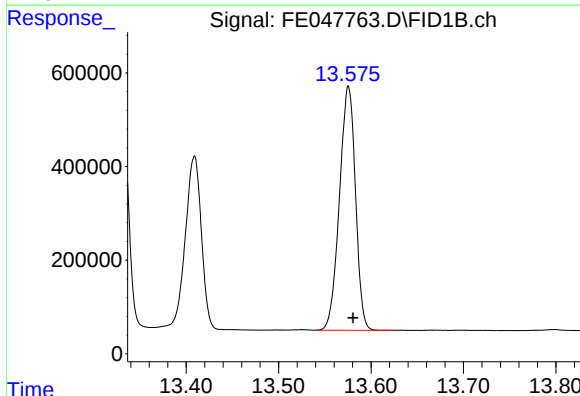
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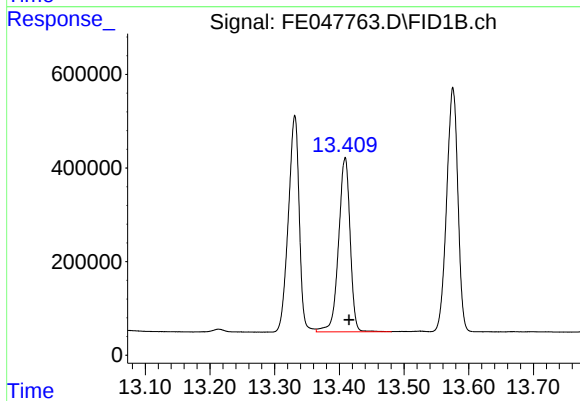
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: -0.006 min
Response: 6446918
Conc: 39.79 ug/ml



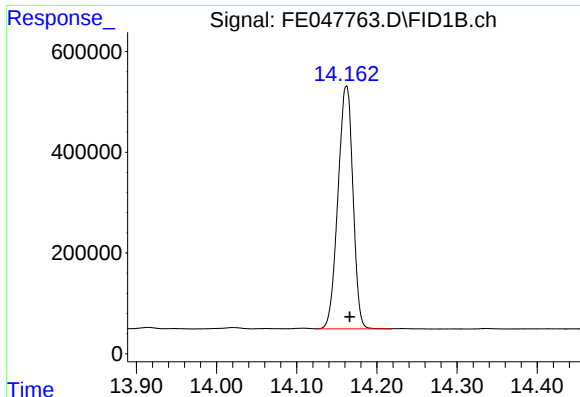
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: -0.005 min
Response: 6277755
Conc: 39.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.409 min
Delta R.T.: -0.006 min
Response: 4629397
Conc: 34.42 ug/ml



#13 n-Docosane (C22)

R.T.: 14.162 min
Delta R.T.: -0.004 min
Response: 6252753
Conc: 38.96 ug/ml

Instrument :

FID_E

ClientSampleId :

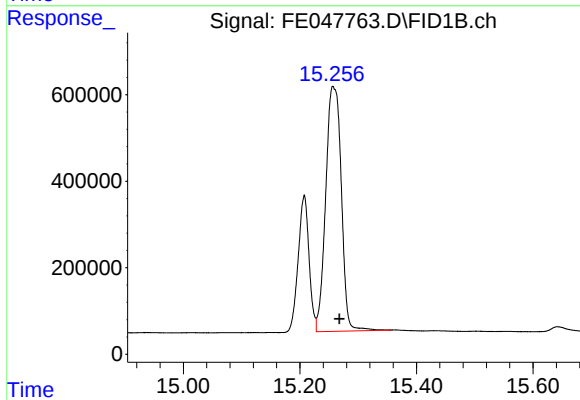
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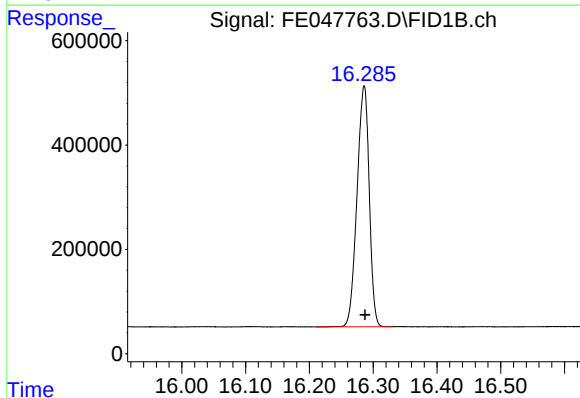
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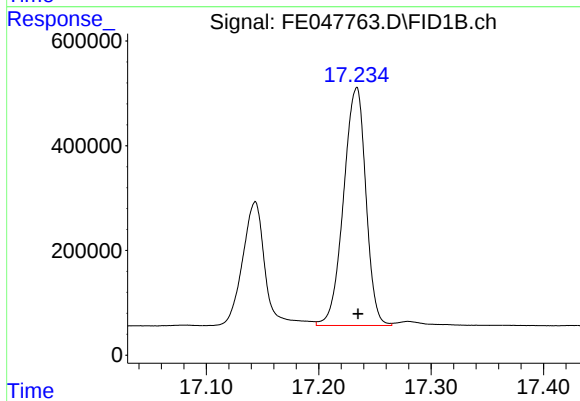
#14 n-Tetracosane (C24)

R.T.: 15.257 min
Delta R.T.: -0.011 min
Response: 10490569
Conc: 63.55 ug/ml



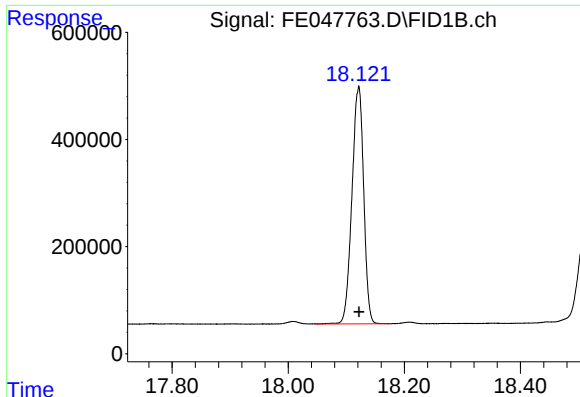
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: -0.001 min
Response: 6140676
Conc: 37.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.234 min
Delta R.T.: -0.001 min
Response: 6271618
Conc: 37.85 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.122 min
Delta R.T.: 0.000 min
Response: 6213818
Conc: 36.60 ug/ml

Instrument :

FID_E

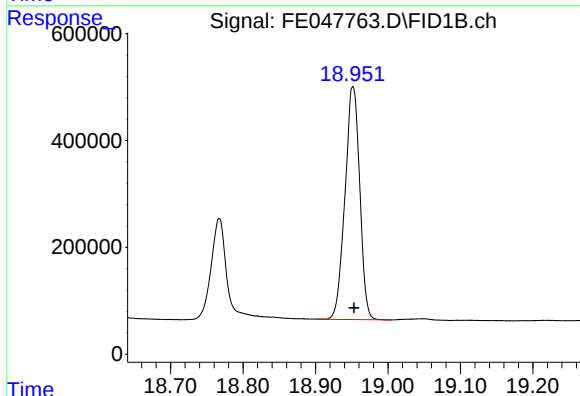
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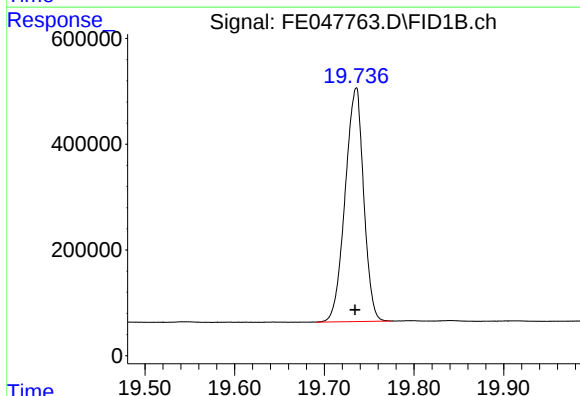
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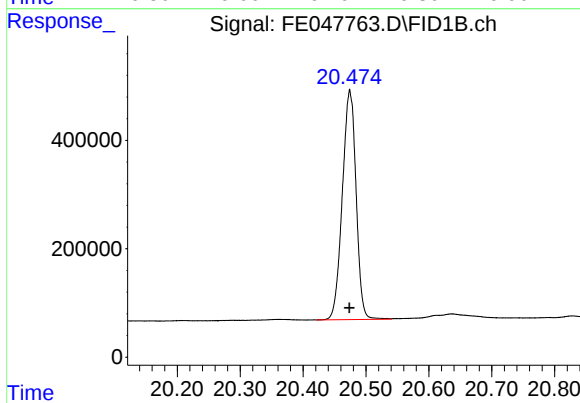
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: -0.002 min
Response: 6165182
Conc: 36.97 ug/ml



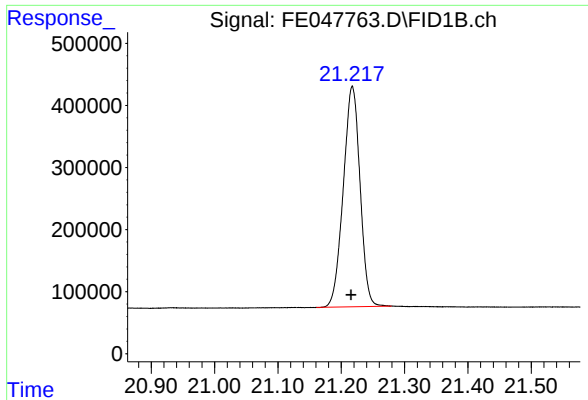
#19 n-Tetratriacontane (C34)

R.T.: 19.736 min
Delta R.T.: 0.001 min
Response: 6336844
Conc: 39.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.474 min
Delta R.T.: 0.000 min
Response: 6423306
Conc: 40.27 ug/ml



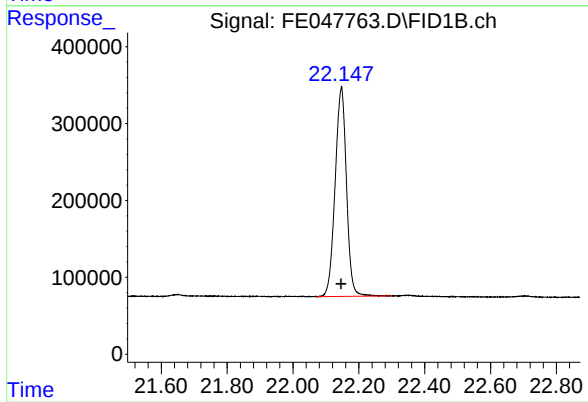
#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: 0.002 min
Response: 6522006
Conc: 40.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.147 min
Delta R.T.: 0.001 min
Response: 6501917
Conc: 39.71 ug/ml