

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042424AL\
 Data File : FE047758.D
 Signal(s) : FID1B.ch
 Acq On : 24 Apr 2024 15:32
 Operator : YP\AJ
 Sample : PB160477BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB160477BS

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 03:39:17 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)	11.977	6928718	39.947 ug/ml
Spiked Amount 50.000		Recovery =	79.89%
12) S 1-chlorooctadecane (S...	13.410	5741859	42.692 ug/ml
Spiked Amount 50.000		Recovery =	85.38%
Target Compounds			
1) T n-Nonane (C9)	3.359	4970734	31.772 ug/mlm
2) T n-Decane (C10)	4.610	5320839	33.107 ug/ml
3) T A~Naphthalene (C11.7)	6.316	5837846	34.430 ug/ml
4) T n-Dodecane (C12)	6.774	5877588	36.213 ug/ml
5) T A~2-methylnaphthalene...	7.412	6044300	36.806 ug/ml
6) T n-Tetradecane (C14)	8.604	6412881	39.863 ug/ml
7) T n-Hexadecane (C16)	10.211	6554647	39.468 ug/ml
8) T n-Octadecane (C18)	11.655	6727291	40.115 ug/ml
10) T n-Eicosane (C20)	12.965	6768070	41.777 ug/ml
11) T n-Heneicosane (C21)	13.577	6587120	41.513 ug/ml
13) T n-Docosane (C22)	14.163	6536240	40.729 ug/ml
14) T n-Tetracosane (C24)	15.258	11148208	67.539 ug/ml
15) T n-Hexacosane (C26)	16.286	6414235	38.804 ug/ml
16) T n-Octacosane (C28)	17.235	6547131	39.508 ug/ml
17) T n-Tricontane (C30)	18.122	6491572	38.236 ug/ml
18) T n-Dotriacontane (C32)	18.953	6481768	38.871 ug/ml
19) T n-Tetratriacontane (C34)	19.737	6679370	41.645 ug/ml
20) T n-Hexatriacontane (C36)	20.477	6709052	42.063 ug/ml
21) T n-Octatriacontane (C38)	21.221	6827992	42.012 ug/ml
22) T n-Tetracontane (C40)	22.151	6762691	41.305 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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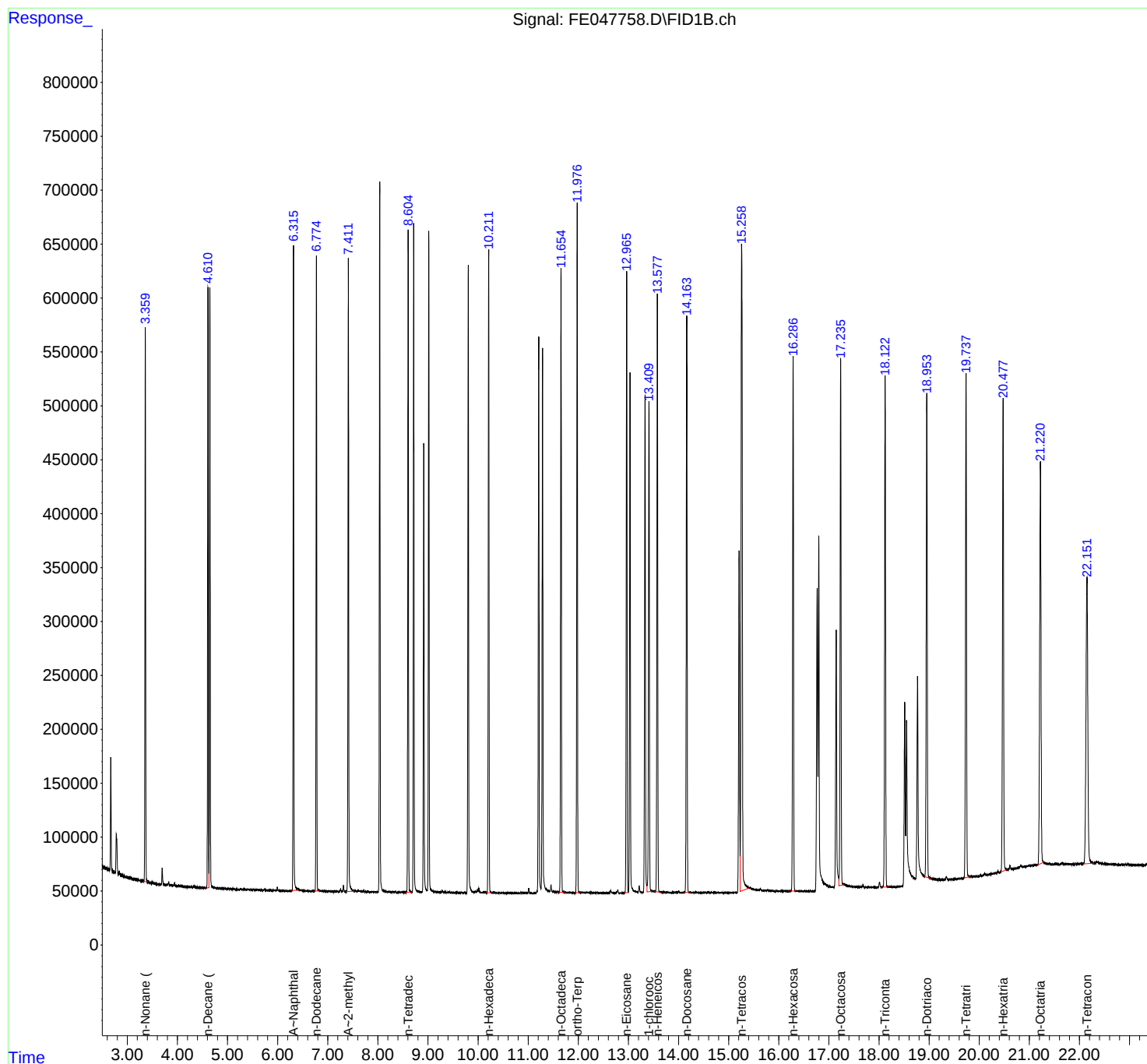
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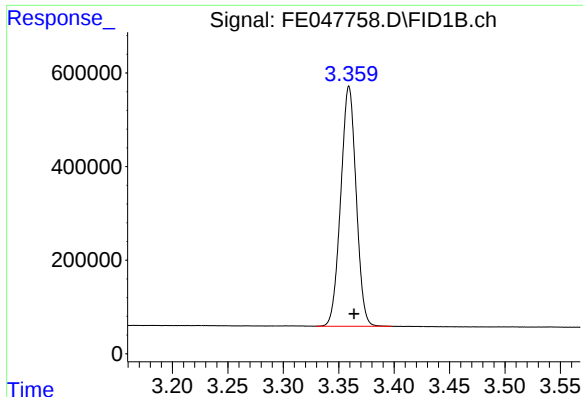
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#1 n-Nonane (C9)

R.T.: 3.359 min
Delta R.T.: -0.005 min
Response: 4970734
Conc: 31.77 ug/ml

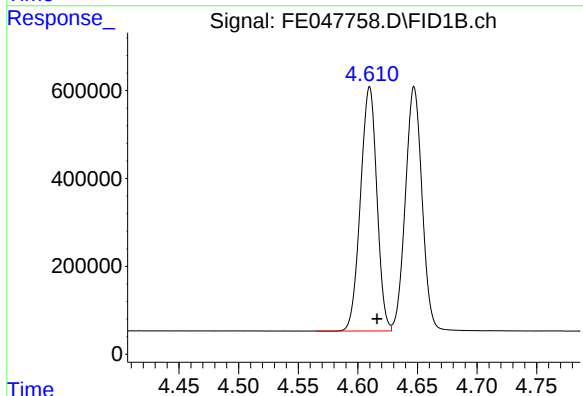
Instrument :

FID_E

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PB160477BS

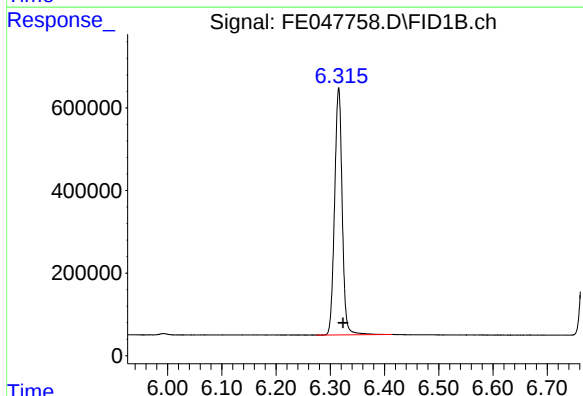
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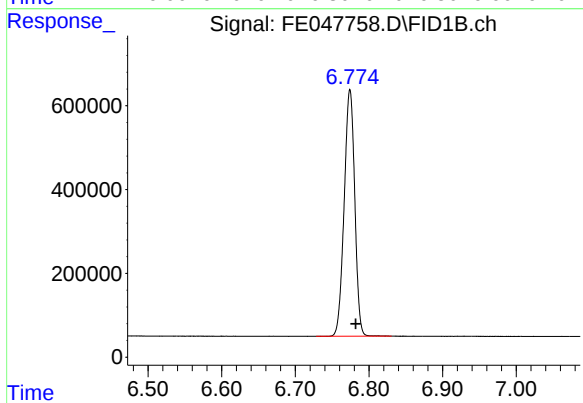
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: -0.006 min
Response: 5320839
Conc: 33.11 ug/ml



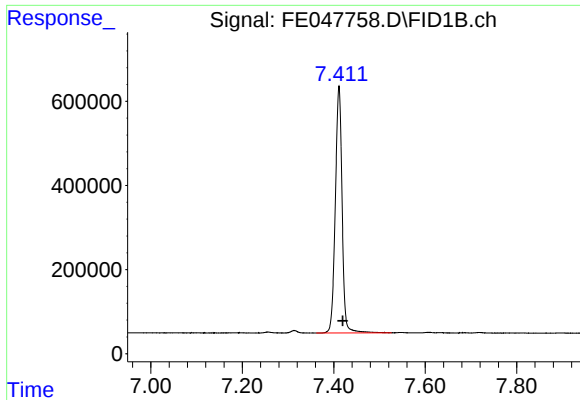
#3 A~Naphthalene (C11.7)

R.T.: 6.316 min
Delta R.T.: -0.008 min
Response: 5837846
Conc: 34.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.774 min
Delta R.T.: -0.008 min
Response: 5877588
Conc: 36.21 ug/ml



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

R.T.: 7.412 min
Delta R.T.: -0.008 min
Response: 6044300
Conc: 36.81 ug/ml

Instrument :

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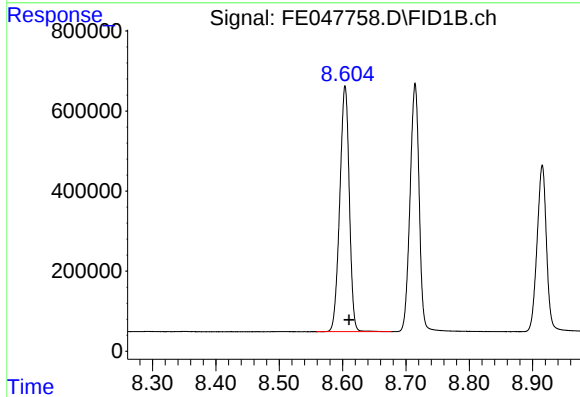
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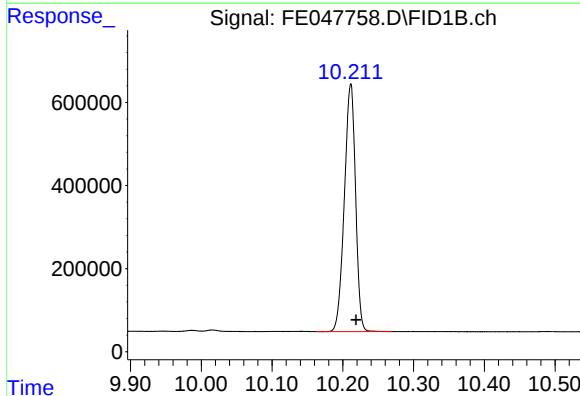
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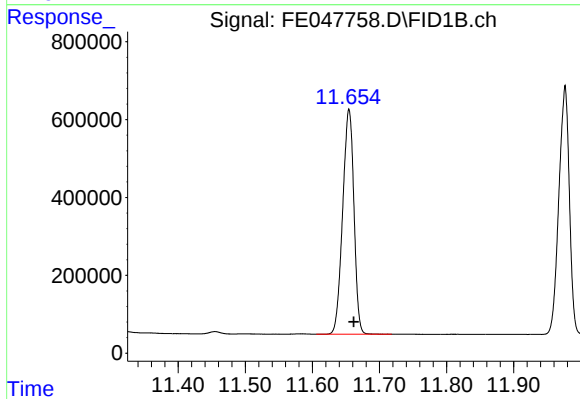
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: -0.006 min
Response: 6412881
Conc: 39.86 ug/ml



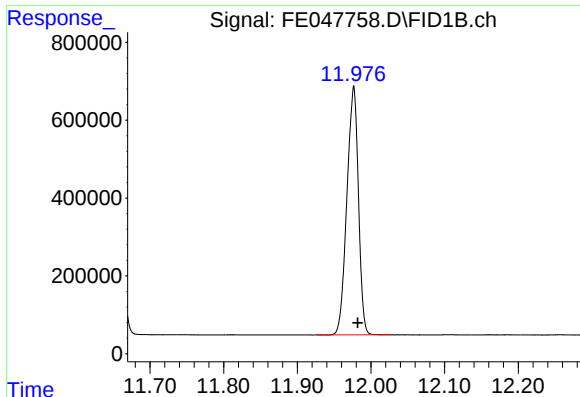
#7 n-Hexadecane (C16)

R.T.: 10.211 min
Delta R.T.: -0.007 min
Response: 6554647
Conc: 39.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.655 min
Delta R.T.: -0.007 min
Response: 6727291
Conc: 40.12 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: -0.005 min
Response: 6928718
Conc: 39.95 ug/ml

Instrument :

FID_E

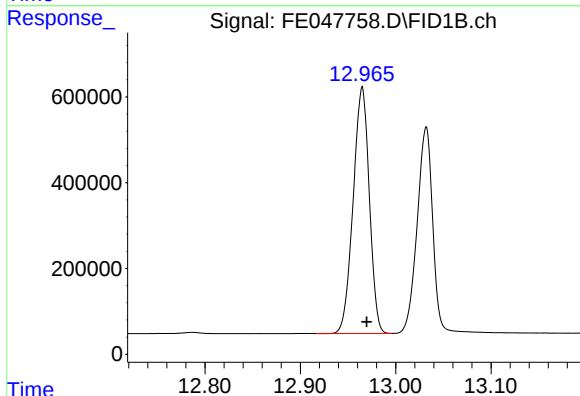
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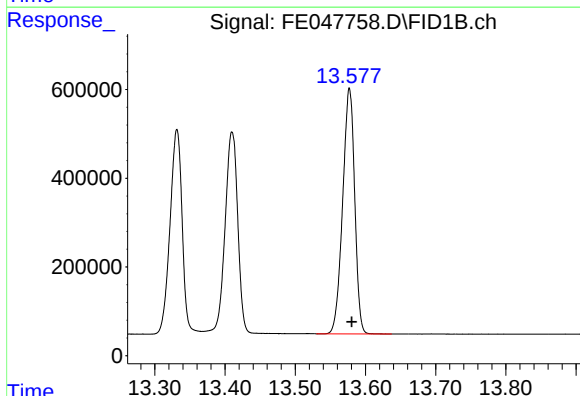
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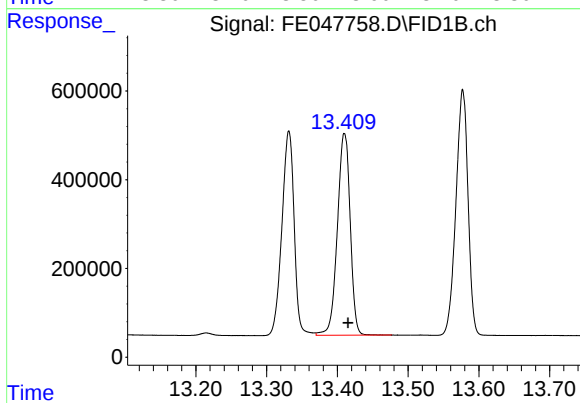
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: -0.005 min
Response: 6768070
Conc: 41.78 ug/ml



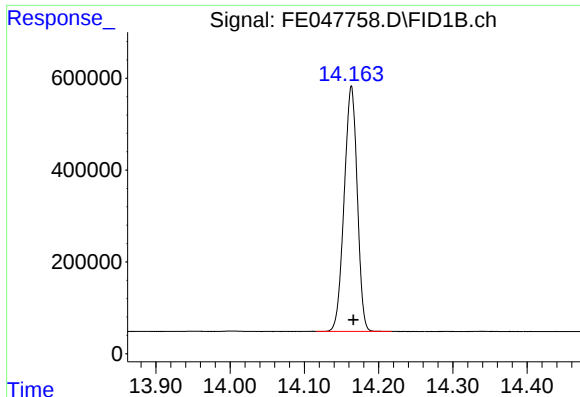
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: -0.003 min
Response: 6587120
Conc: 41.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: -0.005 min
Response: 5741859
Conc: 42.69 ug/ml



#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: -0.003 min
Response: 6536240
Conc: 40.73 ug/ml

Instrument :

FID_E

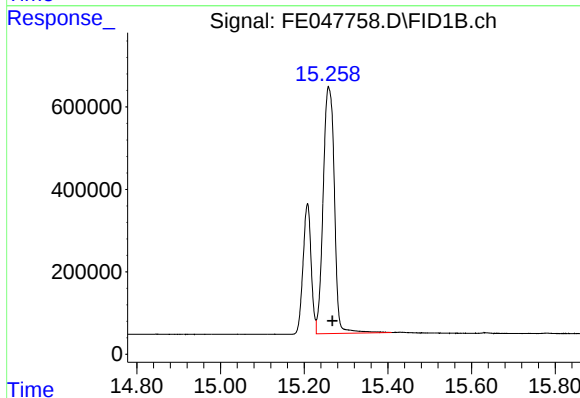
ClientSampleId :

PB160477BS

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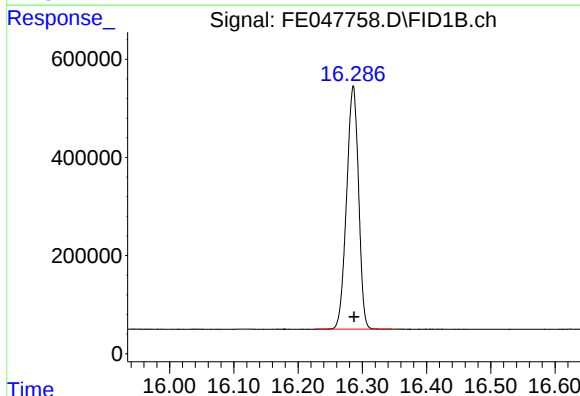
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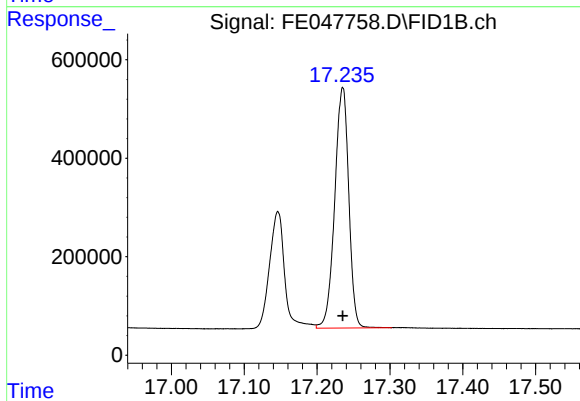
#14 n-Tetracosane (C24)

R.T.: 15.258 min
Delta R.T.: -0.009 min
Response: 11148208
Conc: 67.54 ug/ml



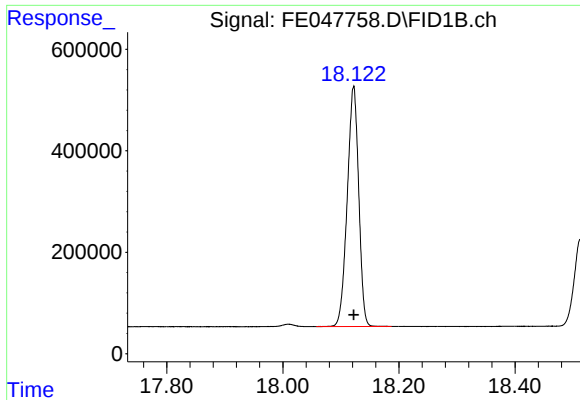
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: -0.001 min
Response: 6414235
Conc: 38.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.235 min
Delta R.T.: 0.000 min
Response: 6547131
Conc: 39.51 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.122 min
Delta R.T.: 0.000 min
Response: 6491572
Conc: 38.24 ug/ml

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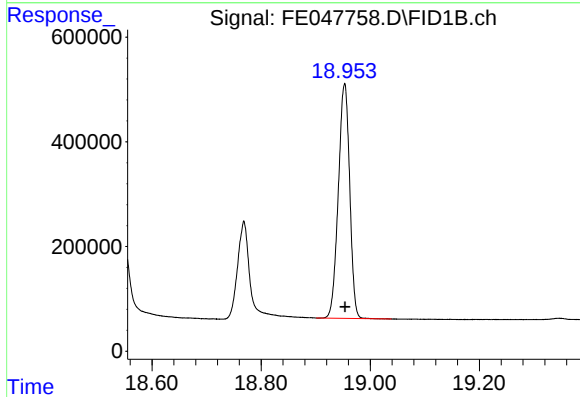
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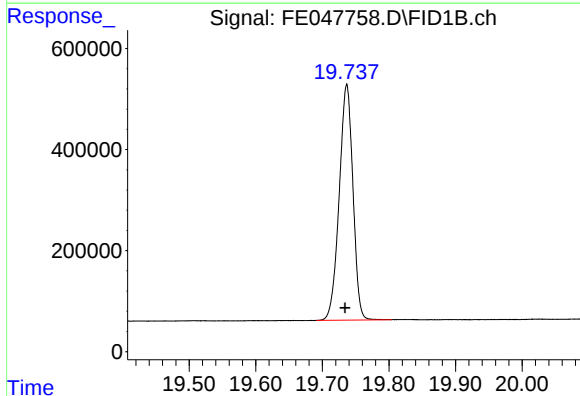
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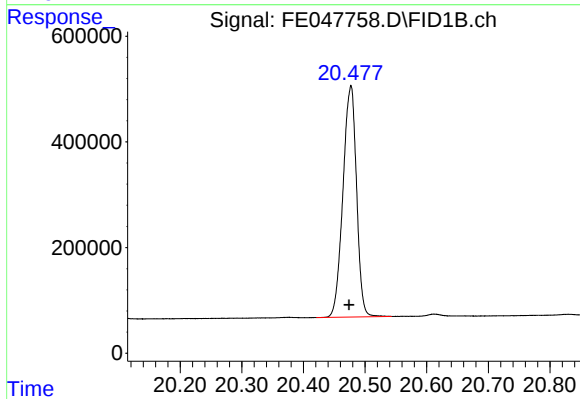
#18 n-Dotriacontane (C32)

R.T.: 18.953 min
Delta R.T.: 0.000 min
Response: 6481768
Conc: 38.87 ug/ml



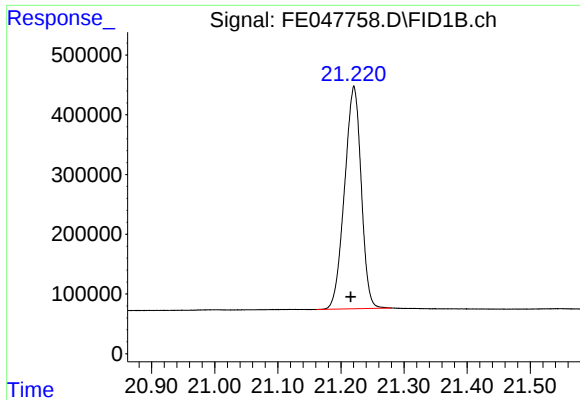
#19 n-Tetratriacontane (C34)

R.T.: 19.737 min
Delta R.T.: 0.002 min
Response: 6679370
Conc: 41.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.477 min
Delta R.T.: 0.003 min
Response: 6709052
Conc: 42.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.221 min
Delta R.T.: 0.005 min
Response: 6827992
Conc: 42.01 ug/ml

Instrument :

FID_E

ClientSampleId :

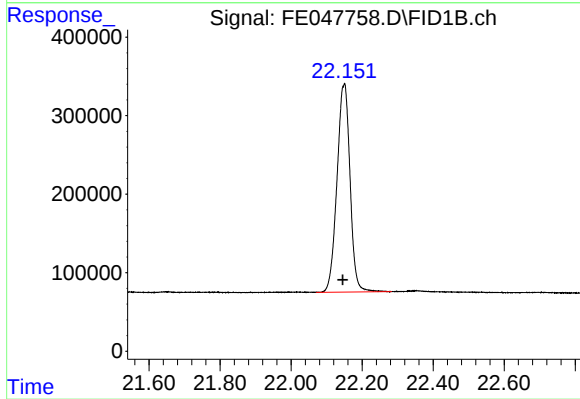
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#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: 0.005 min
Response: 6762691
Conc: 41.31 ug/ml