

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042324AL\
 Data File : FE047741.D
 Signal(s) : FID1B.ch
 Acq On : 23 Apr 2024 16:53
 Operator : YP\AJ
 Sample : PB160456BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB160456BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :Ankita Jodhani 04/24/2024

Integration File: autoint1.e
 Quant Time: Apr 24 01:16:09 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)	11.978	5951379	34.313 ug/ml
Spiked Amount 50.000		Recovery =	68.63%
12) S 1-chlorooctadecane (S...	13.411	4925841	36.624 ug/ml
Spiked Amount 50.000		Recovery =	73.25%
Target Compounds			
1) T n-Nonane (C9)	3.361	5149027	32.912 ug/mlm
2) T n-Decane (C10)	4.612	5405832	33.635 ug/ml
3) T A~Naphthalene (C11.7)	6.318	5620014	33.146 ug/ml
4) T n-Dodecane (C12)	6.776	5608417	34.554 ug/ml
5) T A~2-methylnaphthalene...	7.414	5553888	33.819 ug/ml
6) T n-Tetradecane (C14)	8.606	5647588	35.106 ug/ml
7) T n-Hexadecane (C16)	10.213	5625958	33.876 ug/ml
8) T n-Octadecane (C18)	11.656	5741656	34.238 ug/ml
10) T n-Eicosane (C20)	12.966	5774375	35.644 ug/ml
11) T n-Heneicosane (C21)	13.578	5612252	35.370 ug/ml
13) T n-Docosane (C22)	14.163	5574938	34.739 ug/ml
14) T n-Tetracosane (C24)	15.259	9508609	57.606 ug/ml
15) T n-Hexacosane (C26)	16.287	5476124	33.129 ug/ml
16) T n-Octacosane (C28)	17.236	5603447	33.813 ug/ml
17) T n-Tricontane (C30)	18.123	5528748	32.565 ug/ml
18) T n-Dotriacontane (C32)	18.955	5520943	33.109 ug/mlm
19) T n-Tetratriacontane (C34)	19.737	5710346	35.604 ug/ml
20) T n-Hexatriacontane (C36)	20.477	5778544	36.229 ug/ml
21) T n-Octatriacontane (C38)	21.221	5942500	36.564 ug/ml
22) T n-Tetracontane (C40)	22.151	5971581	36.473 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB160456BSD
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ALS Vial : 10 Sample Multiplier: 1

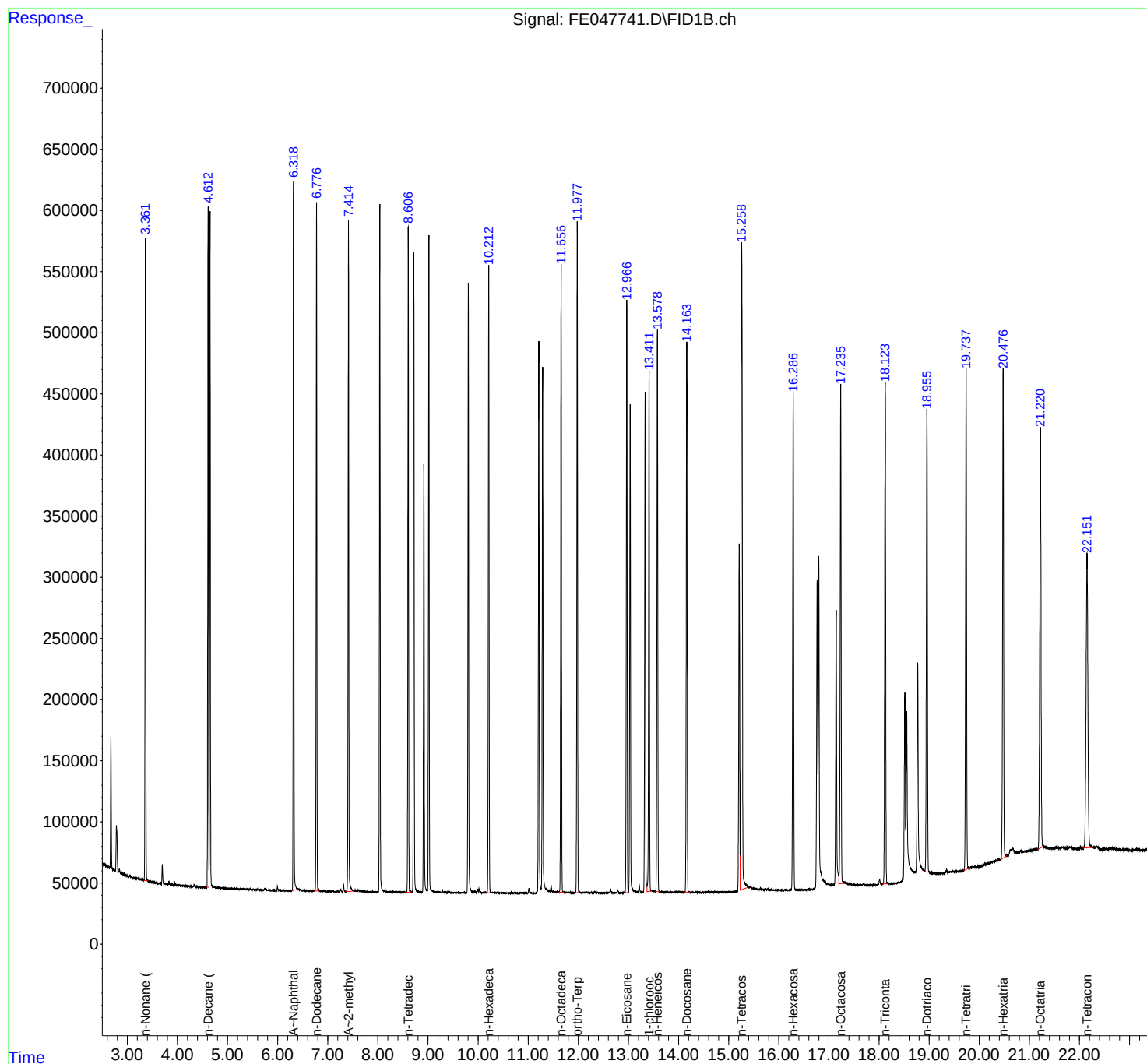
Instrument :
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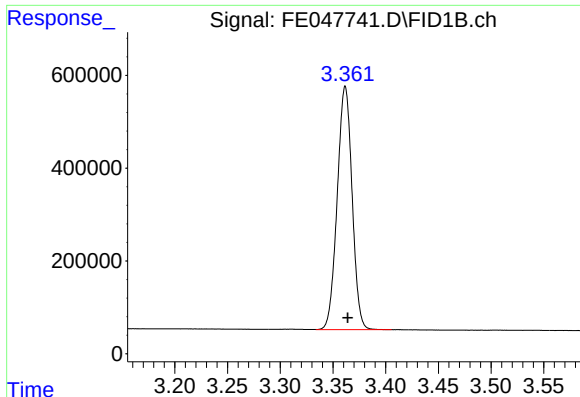
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#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: -0.003 min
Response: 5149027
Conc: 32.91 ug/ml

Instrument :

FID_E

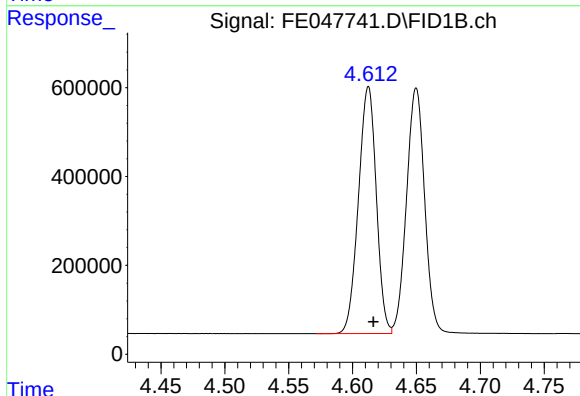
ClientSampleId :

PB160456BSD

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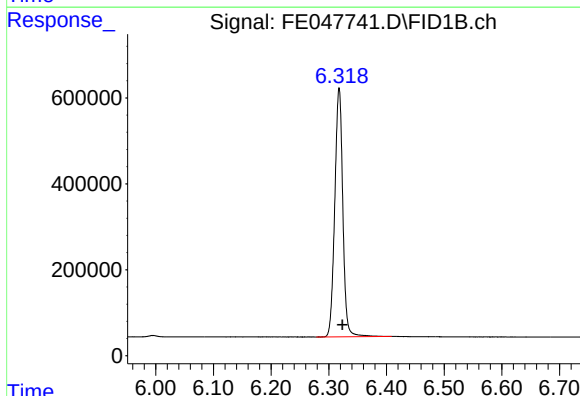
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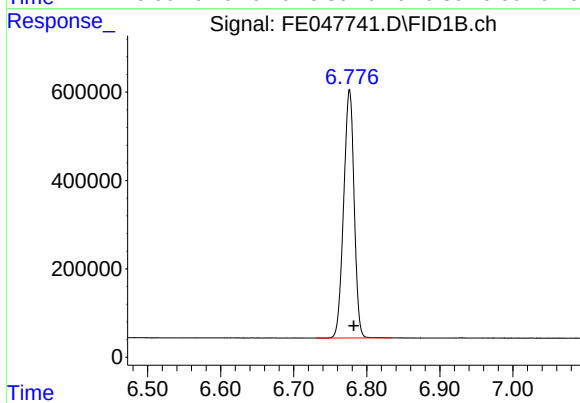
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: -0.004 min
Response: 5405832
Conc: 33.64 ug/ml



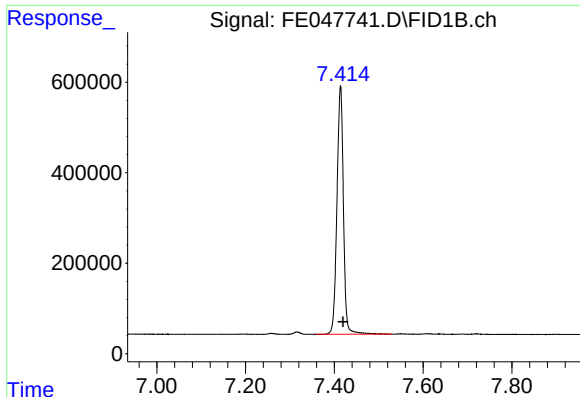
#3 A~Naphthalene (C11.7)

R.T.: 6.318 min
Delta R.T.: -0.005 min
Response: 5620014
Conc: 33.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.776 min
Delta R.T.: -0.006 min
Response: 5608417
Conc: 34.55 ug/ml



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

R.T.: 7.414 min
Delta R.T.: -0.006 min
Response: 555388
Conc: 33.82 ug/ml

Instrument :

FID_E

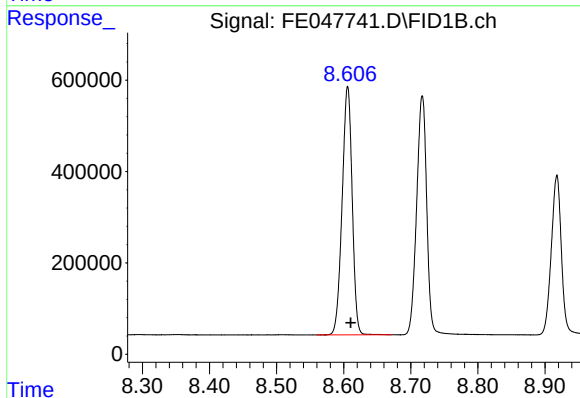
ClientSampleId :

PB160456BSD

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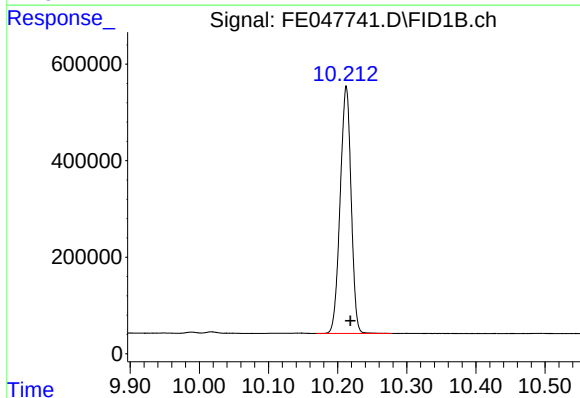
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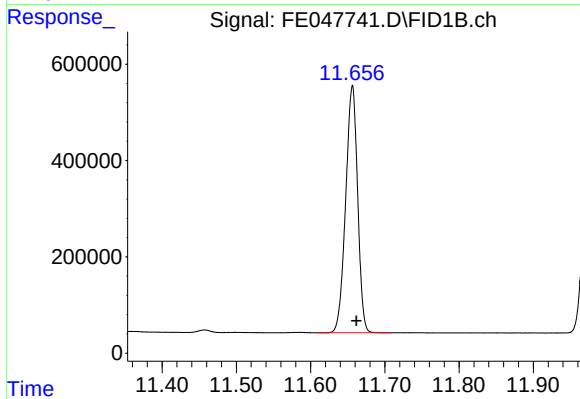
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: -0.004 min
Response: 5647588
Conc: 35.11 ug/ml



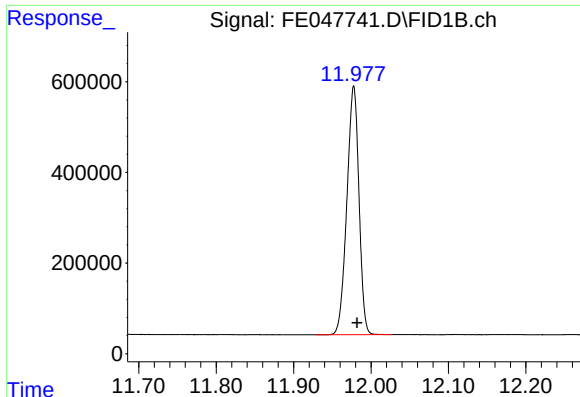
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: -0.006 min
Response: 5625958
Conc: 33.88 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.656 min
Delta R.T.: -0.005 min
Response: 5741656
Conc: 34.24 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.978 min
Delta R.T.: -0.004 min
Response: 5951379
Conc: 34.31 ug/ml

Instrument :

FID_E

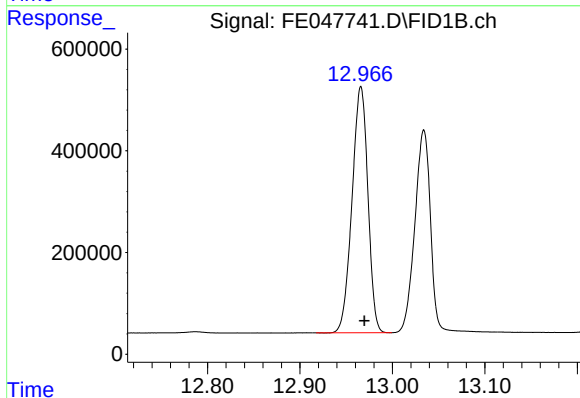
ClientSampleId :

PB160456BSD

Manual Integrations

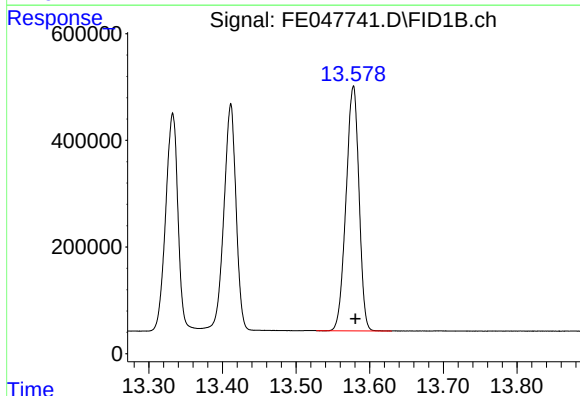
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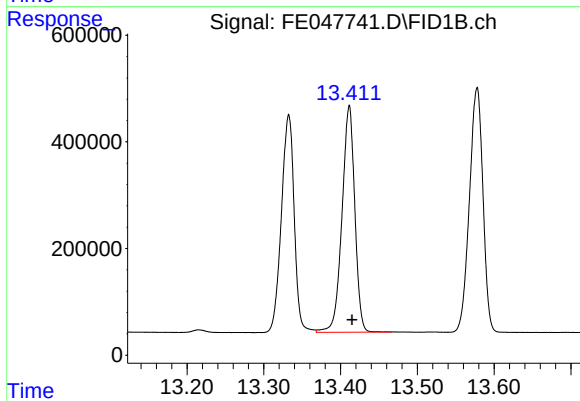
#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: -0.004 min
Response: 5774375
Conc: 35.64 ug/ml



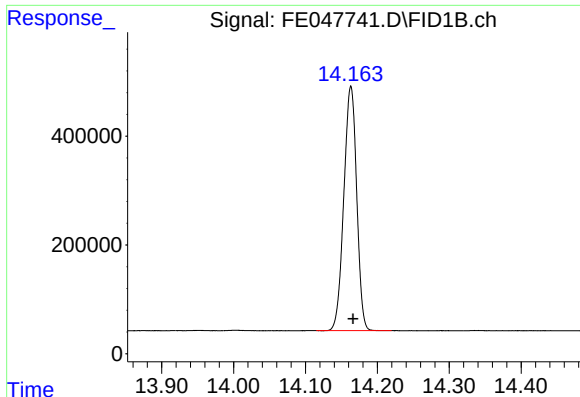
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: -0.003 min
Response: 5612252
Conc: 35.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.411 min
Delta R.T.: -0.004 min
Response: 4925841
Conc: 36.62 ug/ml



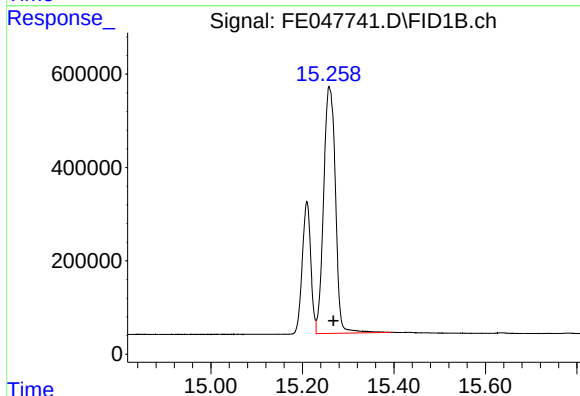
#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: -0.003 min
Response: 5574938
Conc: 34.74 ug/ml

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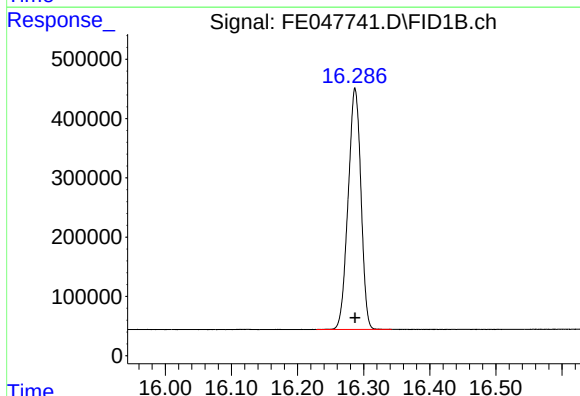
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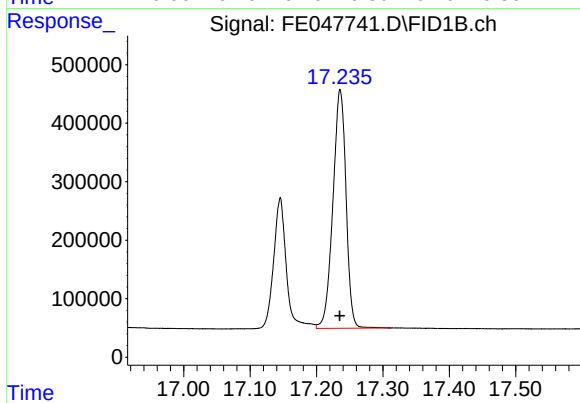
#14 n-Tetracosane (C24)

R.T.: 15.259 min
Delta R.T.: -0.009 min
Response: 9508609
Conc: 57.61 ug/ml



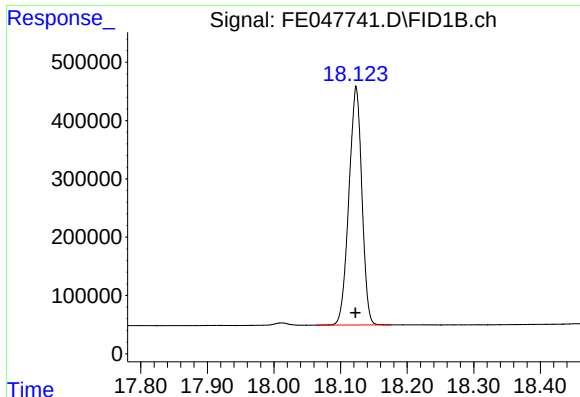
#15 n-Hexacosane (C26)

R.T.: 16.287 min
Delta R.T.: 0.000 min
Response: 5476124
Conc: 33.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.236 min
Delta R.T.: 0.000 min
Response: 5603447
Conc: 33.81 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.123 min
Delta R.T.: 0.001 min
Response: 5528748
Conc: 32.56 ug/ml

Instrument :

FID_E

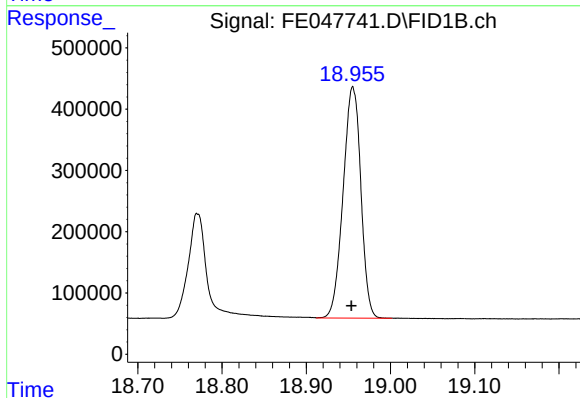
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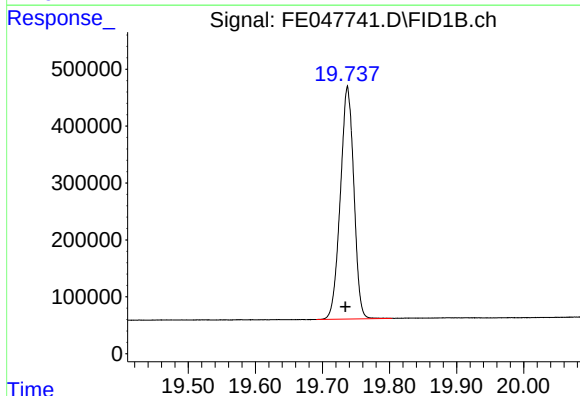
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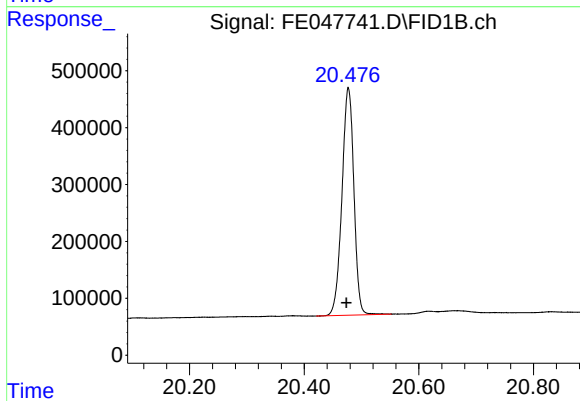
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: 0.001 min
Response: 5520943
Conc: 33.11 ug/ml m



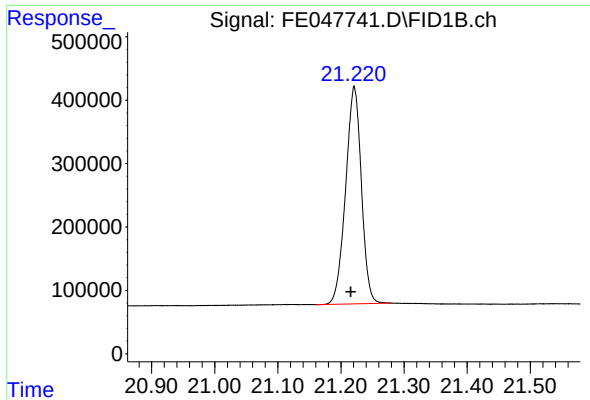
#19 n-Tetratriacontane (C34)

R.T.: 19.737 min
Delta R.T.: 0.003 min
Response: 5710346
Conc: 35.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.477 min
Delta R.T.: 0.003 min
Response: 5778544
Conc: 36.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.221 min
Delta R.T.: 0.005 min
Response: 5942500
Conc: 36.56 ug/ml

Instrument :

FID_E

ClientSampleId :

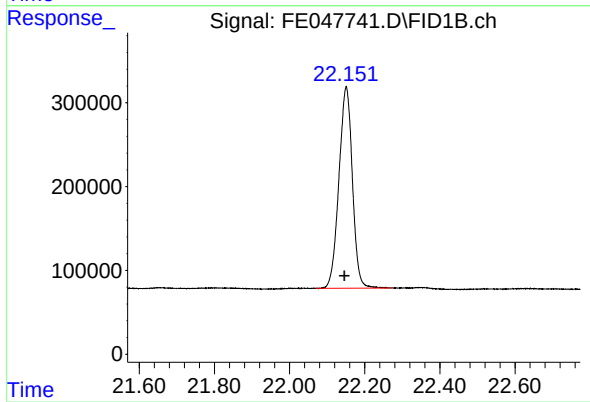
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#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: 0.005 min
Response: 5971581
Conc: 36.47 ug/ml