

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031824AL\
 Data File : FE047201.D
 Signal(s) : FID1B.ch
 Acq On : 18 Mar 2024 15:33
 Operator : YP\AJ
 Sample : PB159632BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB159632BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/19/2024
 Supervised By :mohammad ahmed 03/19/2024

Integration File: autoint1.e
 Quant Time: Mar 19 04:05:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 14 01:54:27 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	6178225	37.446 ug/ml
Spiked Amount 50.000		Recovery =	74.89%
12) S 1-chlorooctadecane (S...	13.409	5132536	40.255 ug/mlm
Spiked Amount 50.000		Recovery =	80.51%
Target Compounds			
1) T n-Nonane (C9)	3.377	6909203	45.954 ug/ml
2) T n-Decane (C10)	4.623	7217413	47.076 ug/ml
3) T A~Naphthalene (C11.7)	6.320	7574279	47.507 ug/ml
4) T n-Dodecane (C12)	6.782	7376563	47.941 ug/ml
5) T A~2-methylnaphthalene...	7.415	7421035	48.355 ug/ml
6) T n-Tetradecane (C14)	8.610	7364501	48.334 ug/ml
7) T n-Hexadecane (C16)	10.215	7284679	46.279 ug/ml
8) T n-Octadecane (C18)	11.658	7394188	46.431 ug/ml
10) T n-Eicosane (C20)	12.966	7393344	48.101 ug/ml
11) T n-Heneicosane (C21)	13.577	7175894	47.426 ug/ml
13) T n-Docosane (C22)	14.163	7116015	47.297 ug/ml
14) T n-Tetracosane (C24)	15.263	7315645	48.987 ug/ml
15) T n-Hexacosane (C26)	16.283	6878577	47.219 ug/ml
16) T n-Octacosane (C28)	17.231	6889427	48.827 ug/ml
17) T n-Tricontane (C30)	18.116	6784745	47.995 ug/ml
18) T n-Dotriacontane (C32)	18.946	6642105	48.164 ug/ml
19) T n-Tetratriacontane (C34)	19.726	6510120	49.864 ug/ml
20) T n-Hexatriacontane (C36)	20.464	6244197	50.123 ug/ml
21) T n-Octatriacontane (C38)	21.207	6354758	51.177 ug/ml
22) T n-Tetracontane (C40)	22.134	6233357	52.996 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 13 Sample Multiplier: 1

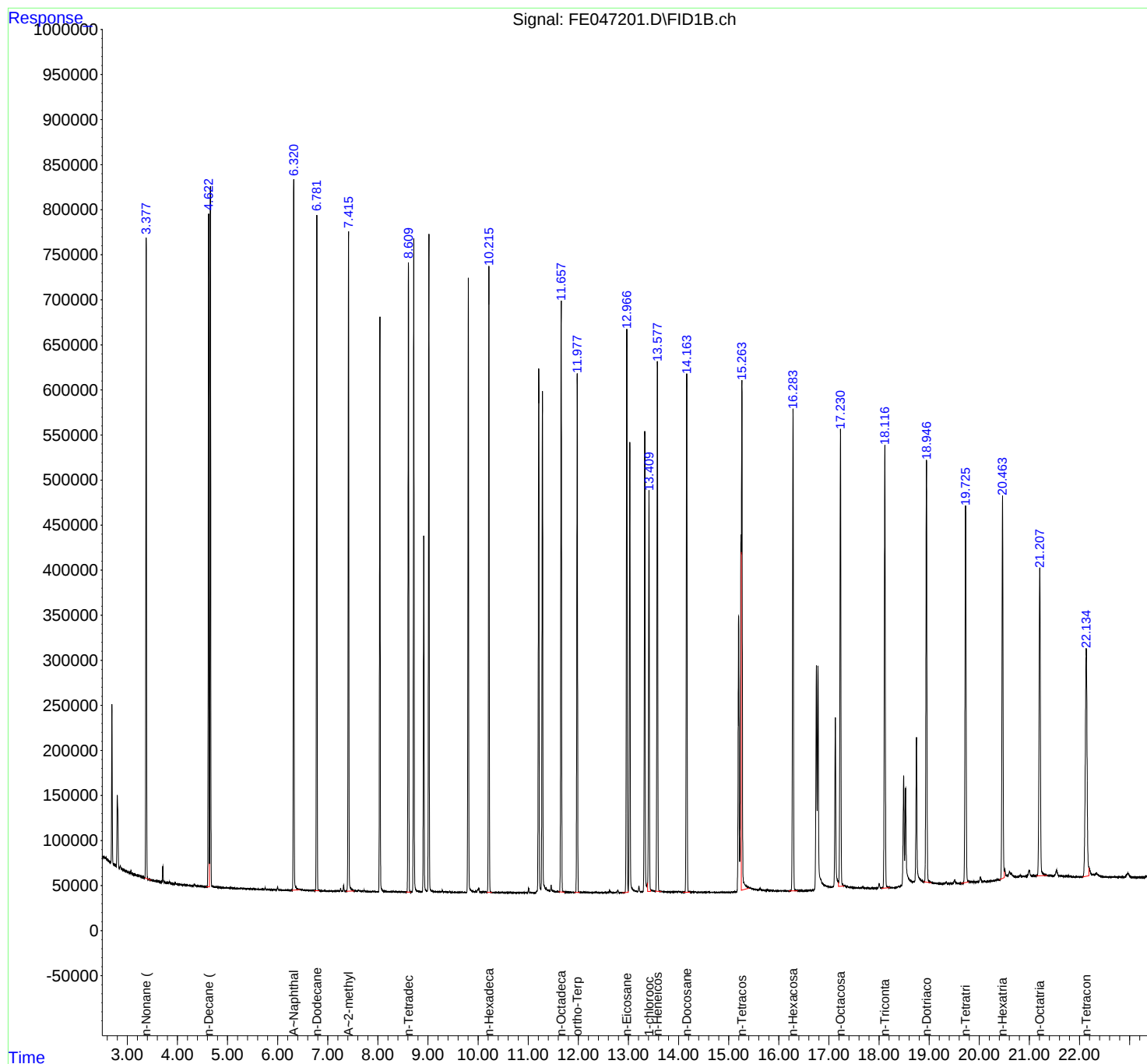
Instrument :
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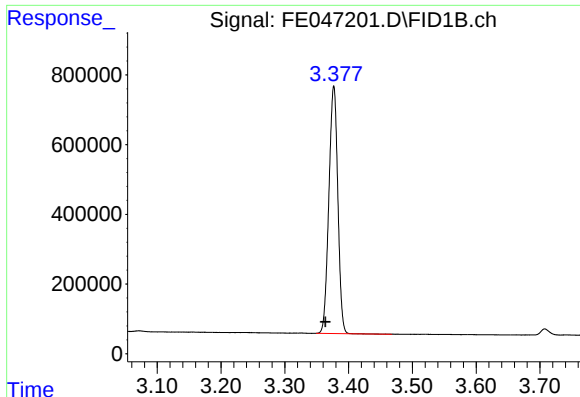
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.377 min
Delta R.T.: 0.013 min
Response: 6909203
Conc: 45.95 ug/ml

Instrument :

FID_E

ClientSampleId :

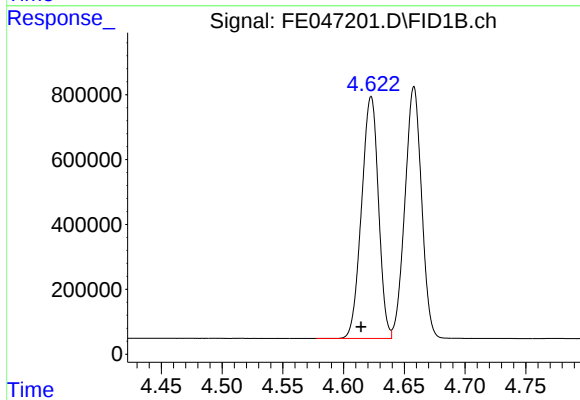
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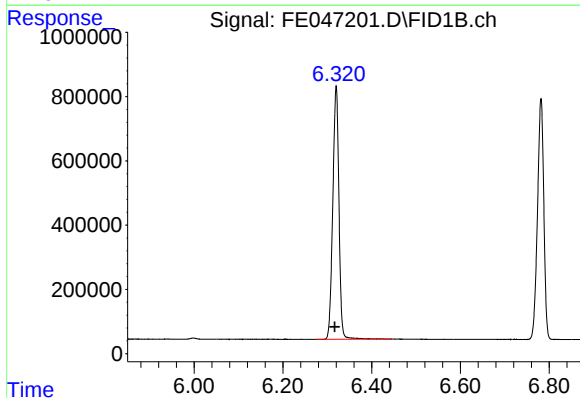
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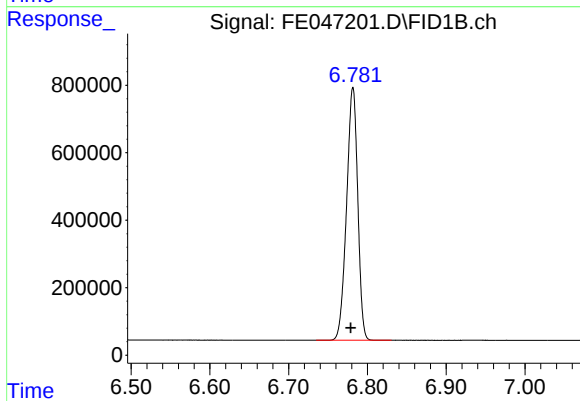
#2 n-Decane (C10)

R.T.: 4.623 min
Delta R.T.: 0.008 min
Response: 7217413
Conc: 47.08 ug/ml



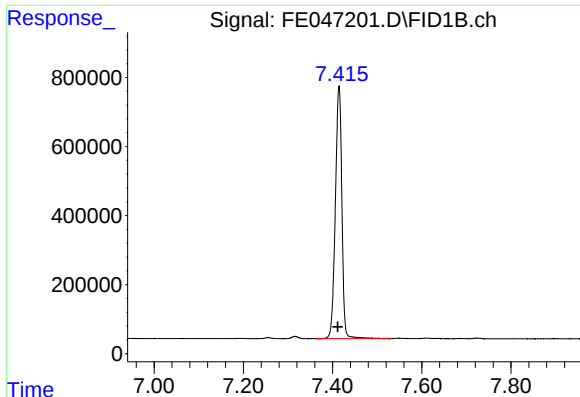
#3 A~Naphthalene (C11.7)

R.T.: 6.320 min
Delta R.T.: 0.003 min
Response: 7574279
Conc: 47.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.782 min
Delta R.T.: 0.003 min
Response: 7376563
Conc: 47.94 ug/ml



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

R.T.: 7.415 min
Delta R.T.: 0.003 min
Response: 7421035
Conc: 48.35 ug/ml

Instrument :

FID_E

ClientSampleId :

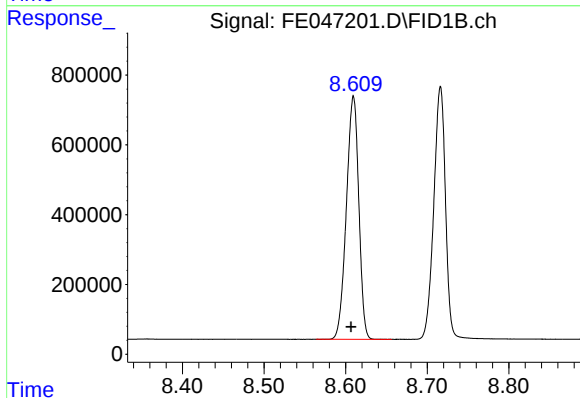
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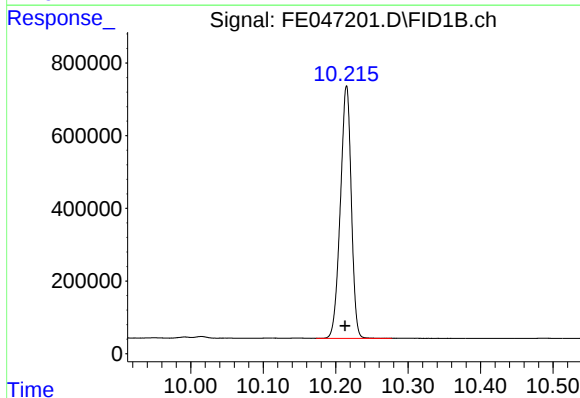
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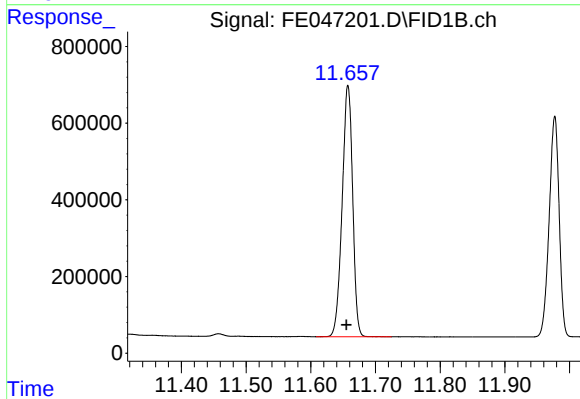
#6 n-Tetradecane (C14)

R.T.: 8.610 min
Delta R.T.: 0.003 min
Response: 7364501
Conc: 48.33 ug/ml



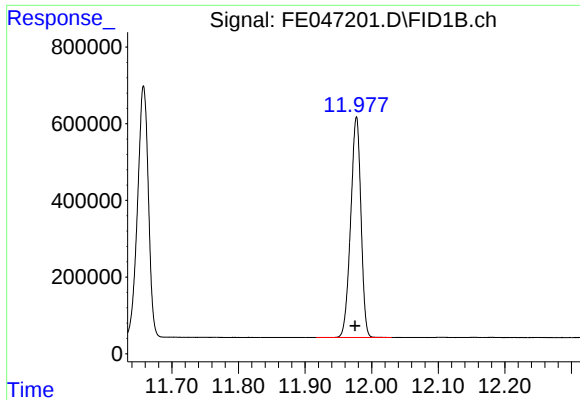
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.002 min
Response: 7284679
Conc: 46.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.658 min
Delta R.T.: 0.003 min
Response: 7394188
Conc: 46.43 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: 0.002 min
Response: 6178225
Conc: 37.45 ug/ml

Instrument :

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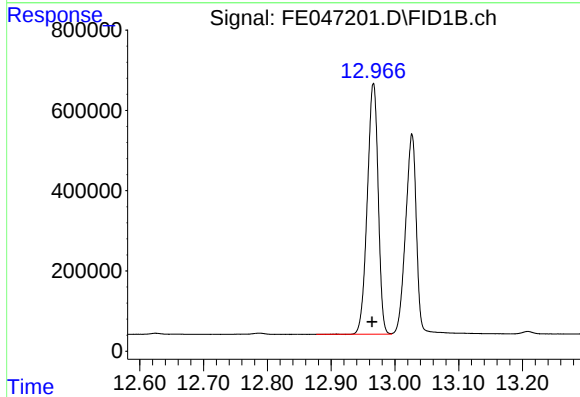
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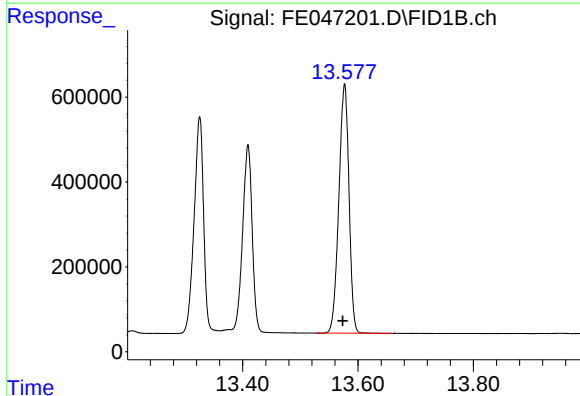
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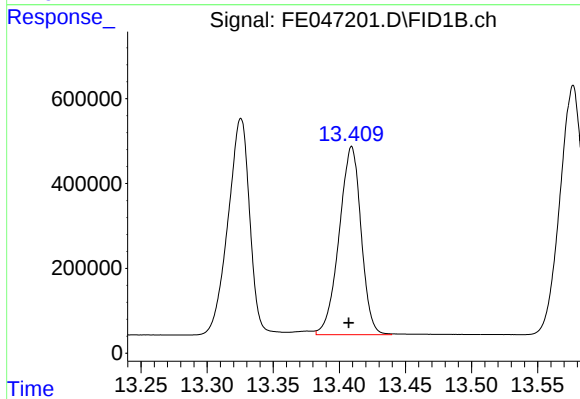
#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: 0.002 min
Response: 7393344
Conc: 48.10 ug/ml



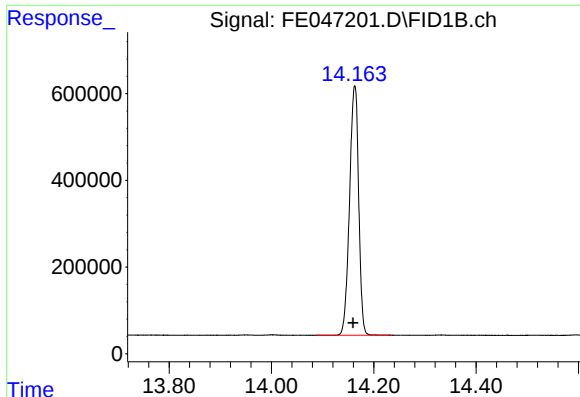
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: 0.003 min
Response: 7175894
Conc: 47.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.409 min
Delta R.T.: 0.002 min
Response: 5132536
Conc: 40.26 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: 0.003 min
Response: 7116015
Conc: 47.30 ug/ml

Instrument :

FID_E

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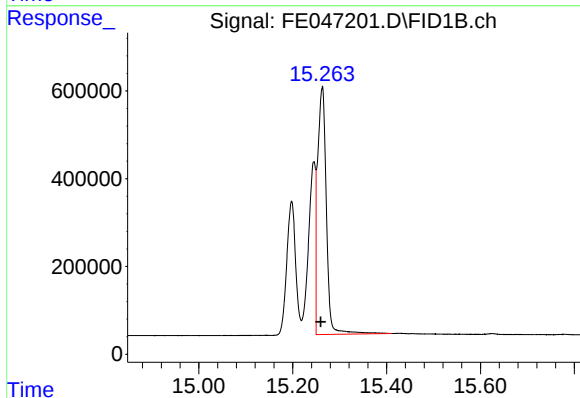
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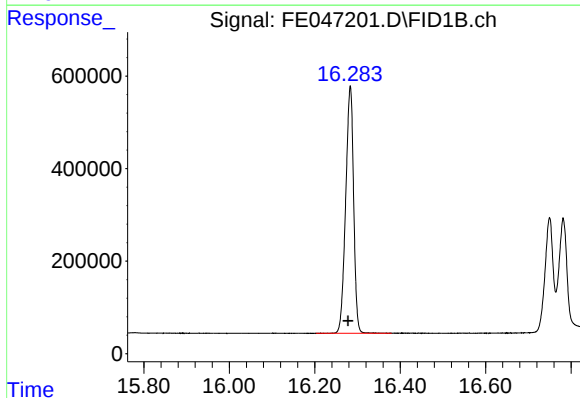
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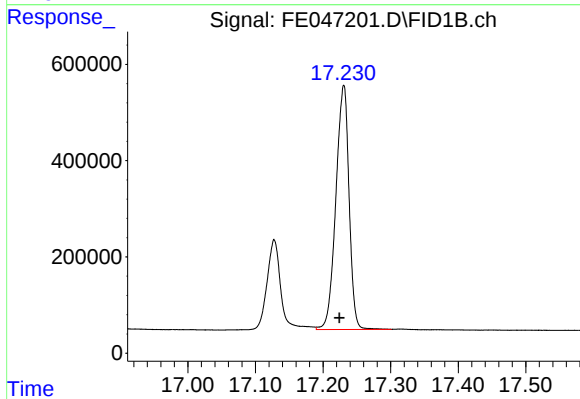
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: 0.004 min
Response: 7315645
Conc: 48.99 ug/ml



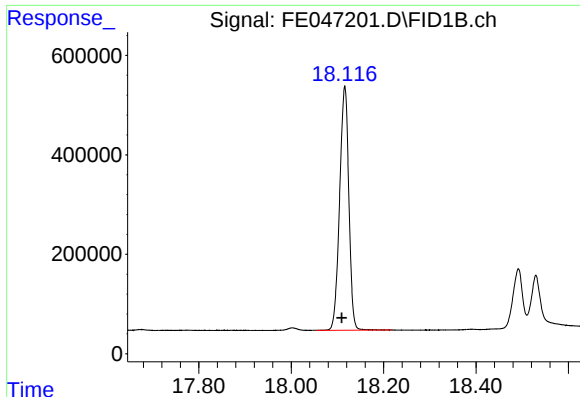
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: 0.006 min
Response: 6878577
Conc: 47.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.231 min
Delta R.T.: 0.006 min
Response: 6889427
Conc: 48.83 ug/ml



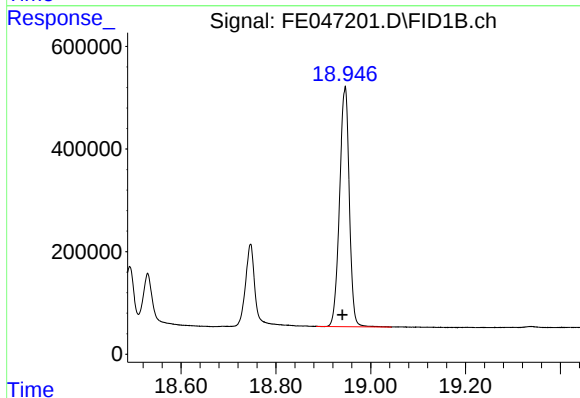
#17 n-Tricontane (C30)

R.T.: 18.116 min
Delta R.T.: 0.007 min
Response: 6784745
Conc: 47.99 ug/ml

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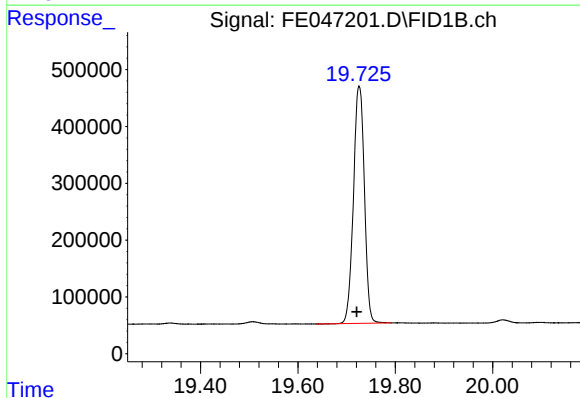
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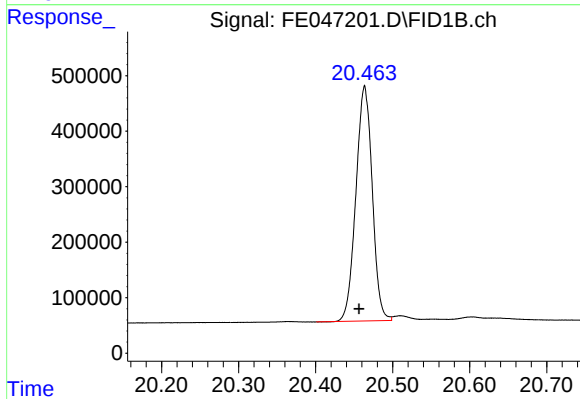
#18 n-Dotriacontane (C32)

R.T.: 18.946 min
Delta R.T.: 0.006 min
Response: 6642105
Conc: 48.16 ug/ml



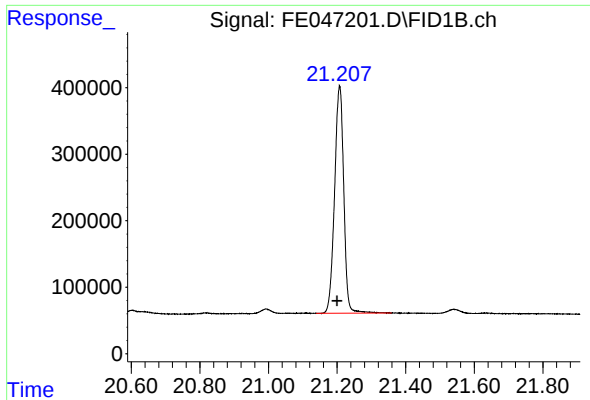
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: 0.005 min
Response: 6510120
Conc: 49.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.464 min
Delta R.T.: 0.007 min
Response: 6244197
Conc: 50.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: 0.008 min
Response: 6354758
Conc: 51.18 ug/ml

Instrument :

FID_E

ClientSampleId :

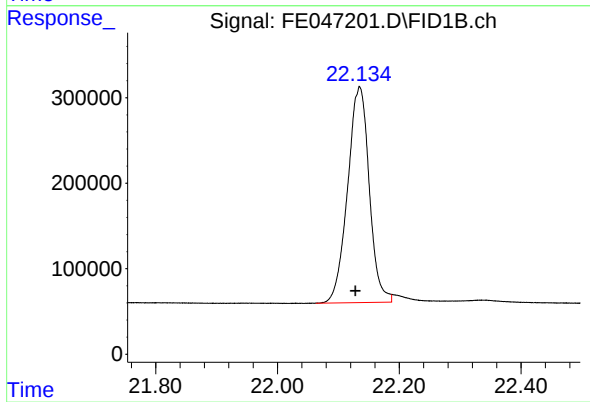
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#22 n-Tetracontane (C40)

R.T.: 22.134 min
Delta R.T.: 0.006 min
Response: 6233357
Conc: 53.00 ug/ml m