

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042324AL\
 Data File : FE047740.D
 Signal(s) : FID1B.ch
 Acq On : 23 Apr 2024 16:22
 Operator : YP\AJ
 Sample : PB160456BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB160456BS

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 01:15:53 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	6010414	34.653 ug/ml
Spiked Amount 50.000		Recovery =	69.31%
12) S 1-chlorooctadecane (S...	13.412	4971120	36.961 ug/ml
Spiked Amount 50.000		Recovery =	73.92%
Target Compounds			
1) T n-Nonane (C9)	3.361	5196306	33.214 ug/mlm
2) T n-Decane (C10)	4.612	5454977	33.941 ug/ml
3) T A~Naphthalene (C11.7)	6.317	5664092	33.406 ug/ml
4) T n-Dodecane (C12)	6.776	5655362	34.843 ug/ml
5) T A~2-methylnaphthalene...	7.413	5589772	34.038 ug/ml
6) T n-Tetradecane (C14)	8.605	5690729	35.374 ug/ml
7) T n-Hexadecane (C16)	10.213	5669383	34.137 ug/ml
8) T n-Octadecane (C18)	11.656	5784931	34.496 ug/ml
10) T n-Eicosane (C20)	12.966	5826327	35.964 ug/ml
11) T n-Heneicosane (C21)	13.577	5665443	35.705 ug/ml
13) T n-Docosane (C22)	14.164	5627080	35.064 ug/ml
14) T n-Tetracosane (C24)	15.259	9624000	58.305 ug/ml
15) T n-Hexacosane (C26)	16.288	5530369	33.457 ug/ml
16) T n-Octacosane (C28)	17.236	5658056	34.143 ug/ml
17) T n-Tricontane (C30)	18.123	5594342	32.951 ug/ml
18) T n-Dotriacontane (C32)	18.955	5571027	33.409 ug/ml
19) T n-Tetratriacontane (C34)	19.737	5771428	35.985 ug/ml
20) T n-Hexatriacontane (C36)	20.478	5835979	36.590 ug/ml
21) T n-Octatriacontane (C38)	21.222	6014924	37.010 ug/ml
22) T n-Tetracontane (C40)	22.150	6013322	36.728 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Title : GC Extractables

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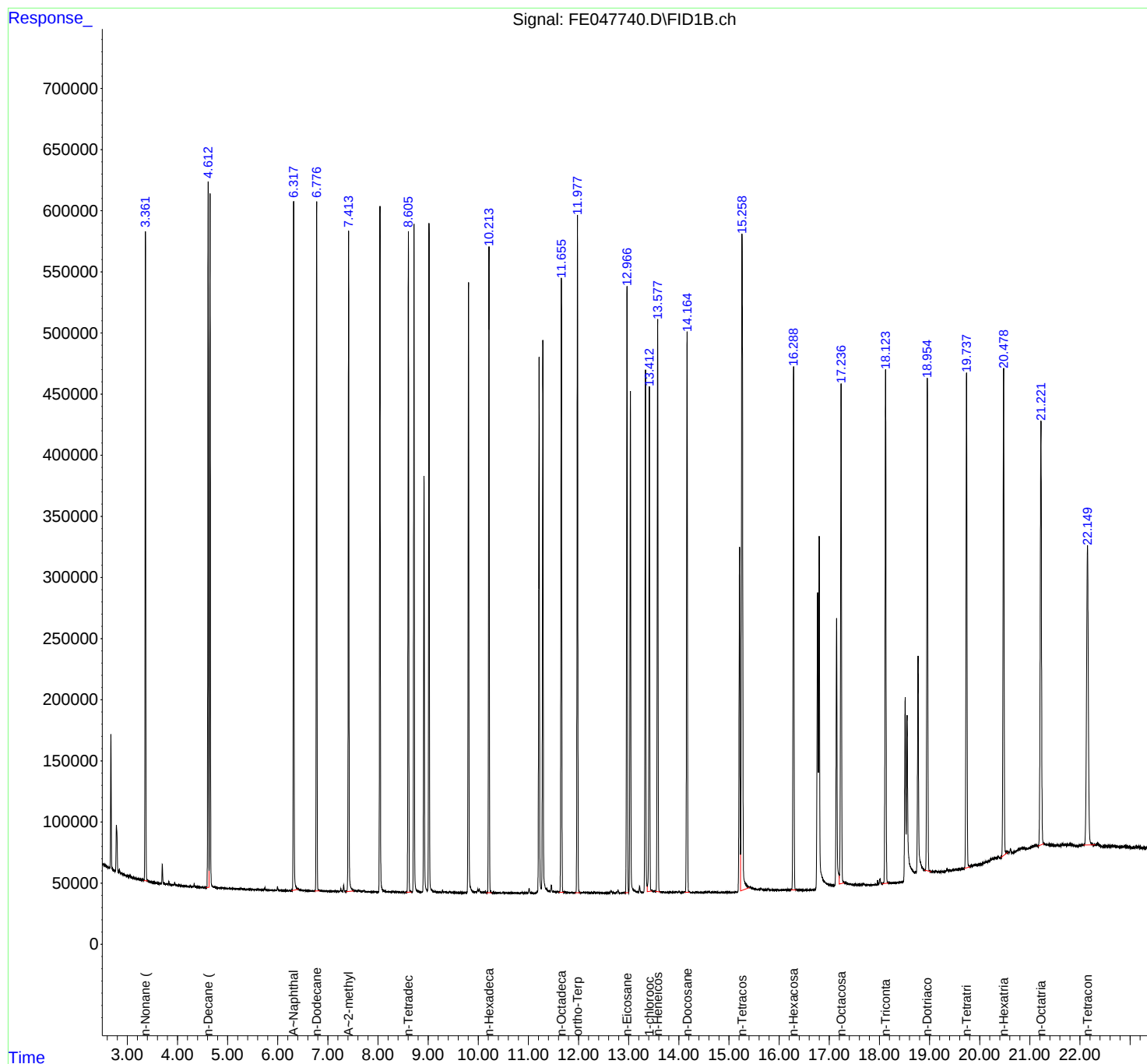
Response via : Initial Calibration

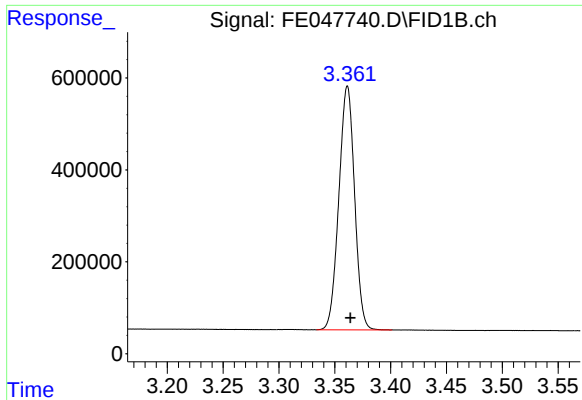
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: -0.003 min
Response: 5196306
Conc: 33.21 ug/ml

Instrument :

FID_E

ClientSampleId :

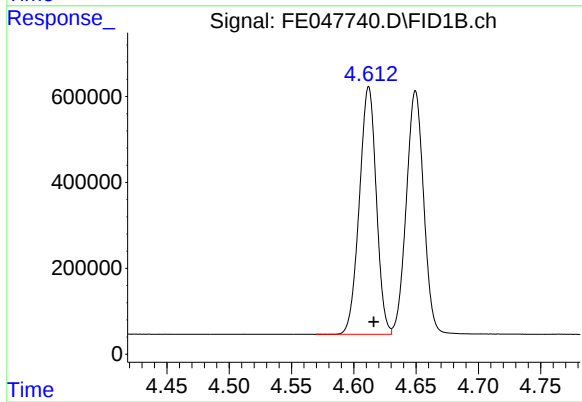
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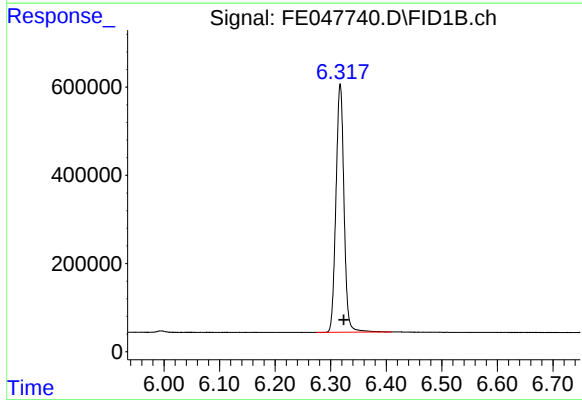
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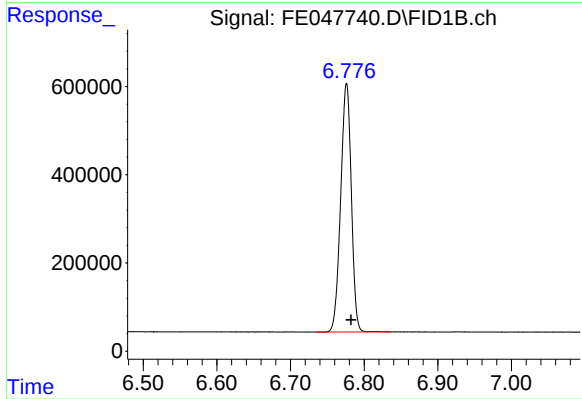
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: -0.004 min
Response: 5454977
Conc: 33.94 ug/ml



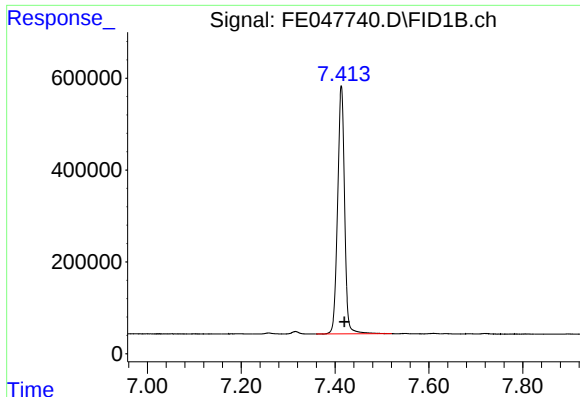
#3 A~Naphthalene (C11.7)

R.T.: 6.317 min
Delta R.T.: -0.006 min
Response: 5664092
Conc: 33.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.776 min
Delta R.T.: -0.006 min
Response: 5655362
Conc: 34.84 ug/ml



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

R.T.: 7.413 min
Delta R.T.: -0.006 min
Response: 5589772
Conc: 34.04 ug/ml

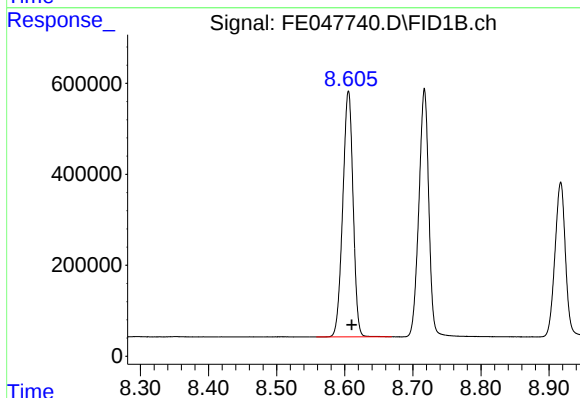
Instrument :

FID_E

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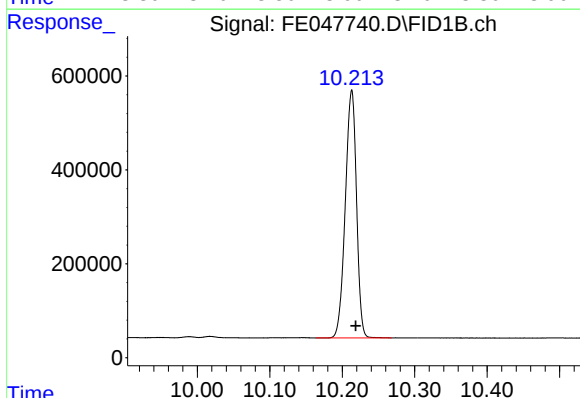
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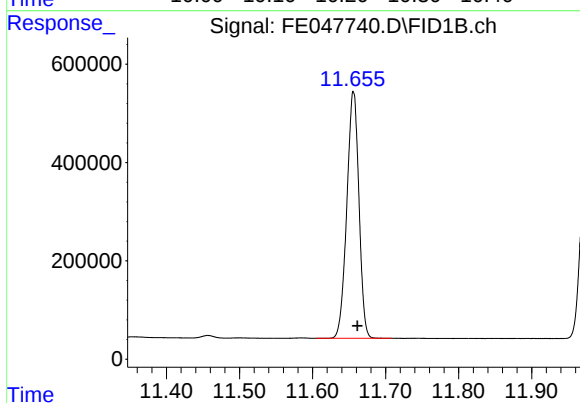
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: -0.005 min
Response: 5690729
Conc: 35.37 ug/ml



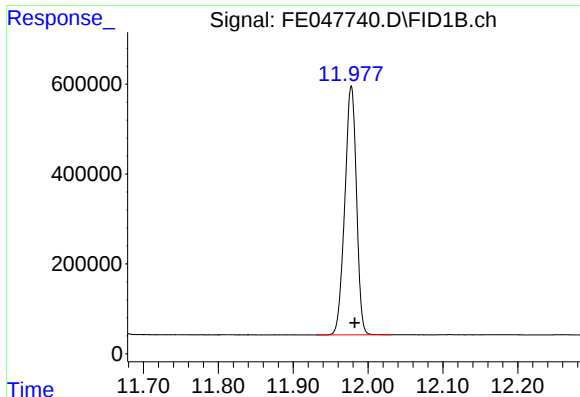
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: -0.005 min
Response: 5669383
Conc: 34.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.656 min
Delta R.T.: -0.006 min
Response: 5784931
Conc: 34.50 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.978 min
Delta R.T.: -0.004 min
Response: 6010414
Conc: 34.65 ug/ml

Instrument :

FID_E

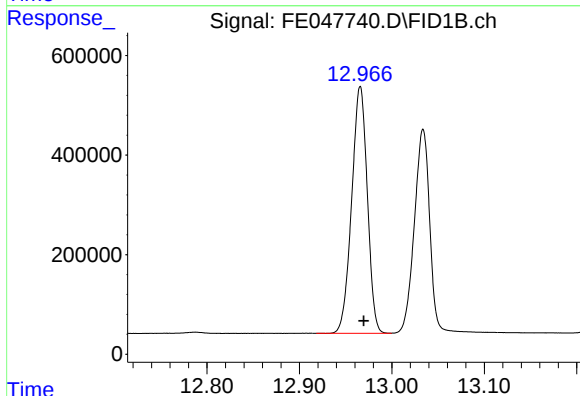
ClientSampleId :

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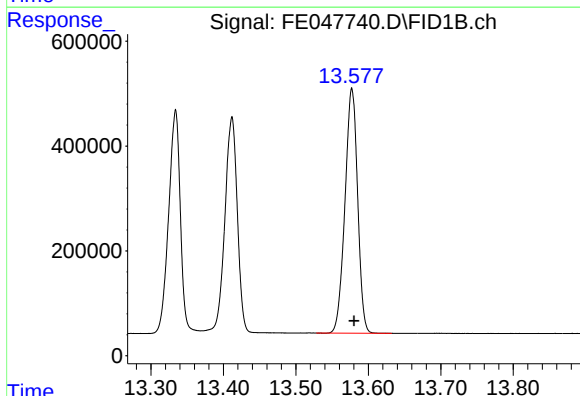
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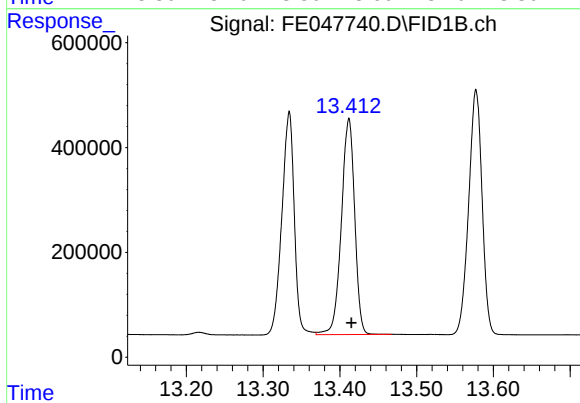
#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: -0.004 min
Response: 5826327
Conc: 35.96 ug/ml



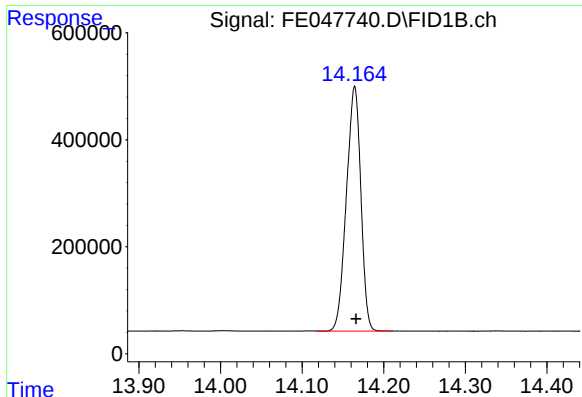
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: -0.003 min
Response: 5665443
Conc: 35.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.412 min
Delta R.T.: -0.003 min
Response: 4971120
Conc: 36.96 ug/ml



#13 n-Docosane (C22)

R.T.: 14.164 min
Delta R.T.: -0.002 min
Response: 5627080
Conc: 35.06 ug/ml

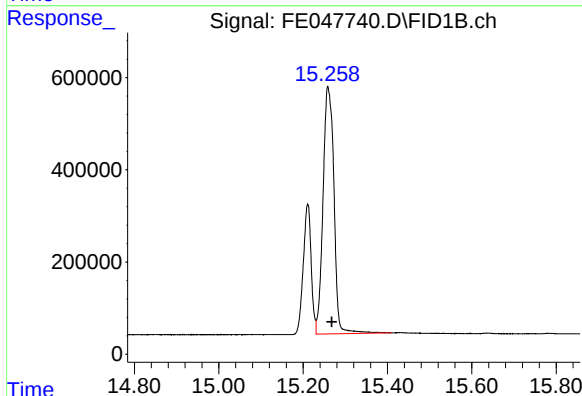
Instrument :

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ClientSampleId :
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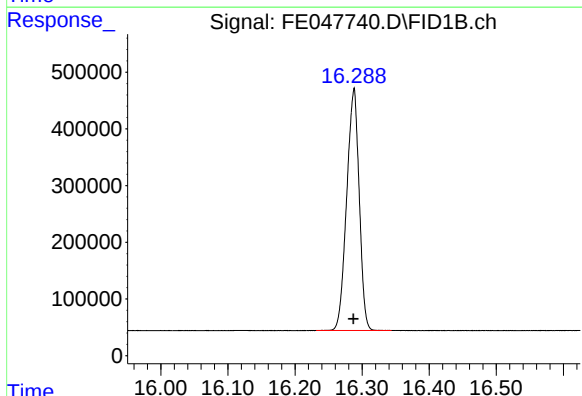
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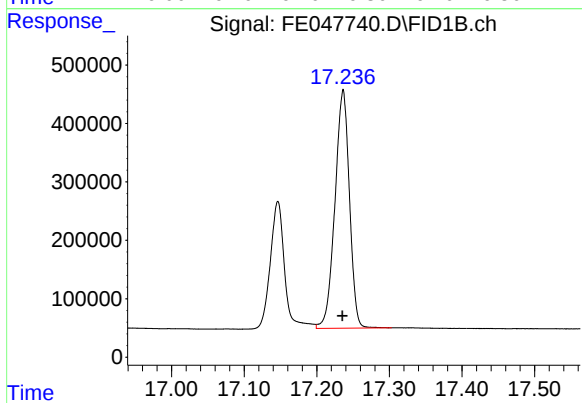
#14 n-Tetracosane (C24)

R.T.: 15.259 min
Delta R.T.: -0.009 min
Response: 9624000
Conc: 58.30 ug/ml



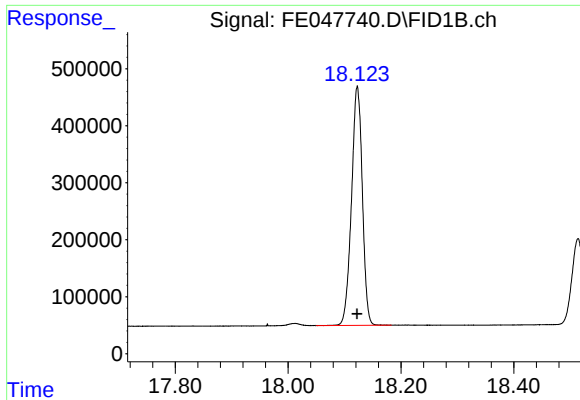
#15 n-Hexacosane (C26)

R.T.: 16.288 min
Delta R.T.: 0.000 min
Response: 5530369
Conc: 33.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.236 min
Delta R.T.: 0.001 min
Response: 5658056
Conc: 34.14 ug/ml



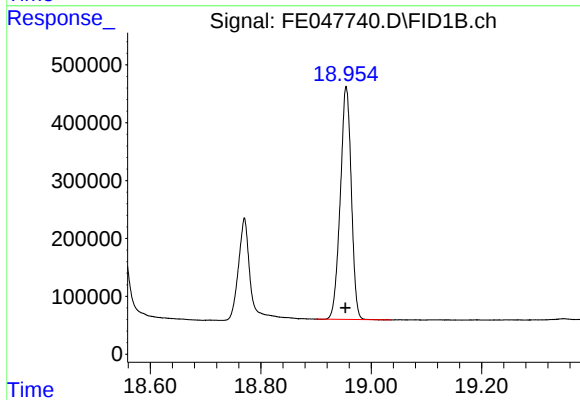
#17 n-Tricontane (C30)

R.T.: 18.123 min
Delta R.T.: 0.000 min
Response: 5594342
Conc: 32.95 ug/ml

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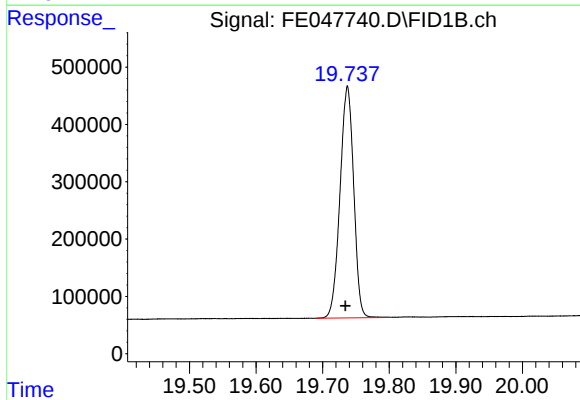
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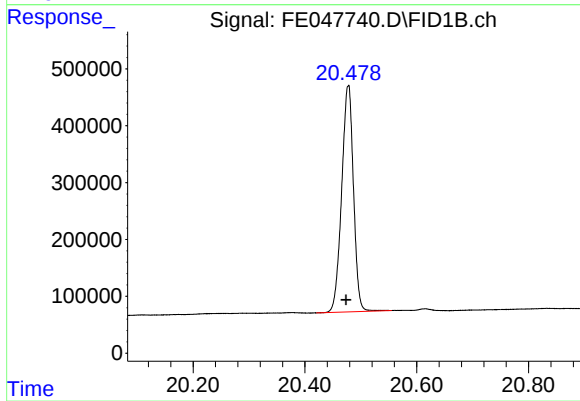
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: 0.001 min
Response: 5571027
Conc: 33.41 ug/ml



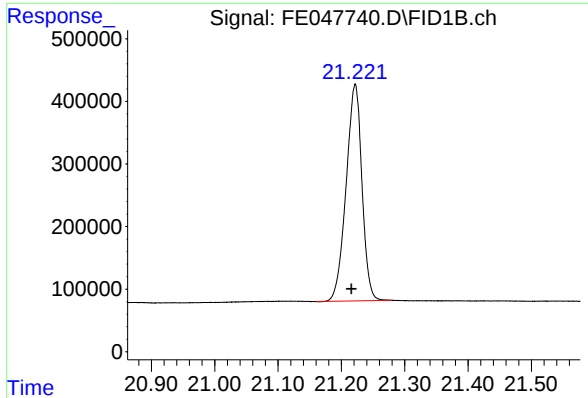
#19 n-Tetratriacontane (C34)

R.T.: 19.737 min
Delta R.T.: 0.003 min
Response: 5771428
Conc: 35.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.478 min
Delta R.T.: 0.004 min
Response: 5835979
Conc: 36.59 ug/ml



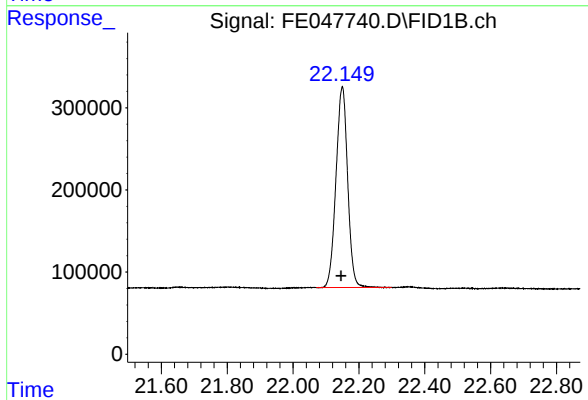
#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: 0.006 min
Response: 6014924
Conc: 37.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.150 min
Delta R.T.: 0.004 min
Response: 6013322
Conc: 36.73 ug/ml