

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042424AL\
 Data File : FE047759.D
 Signal(s) : FID1B.ch
 Acq On : 24 Apr 2024 16:04
 Operator : YP\AJ
 Sample : PB160477BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB160477BSD

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 03:39:33 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	6890290	39.726 ug/ml
Spiked Amount 50.000		Recovery =	79.45%
12) S 1-chlorooctadecane (S...	13.410	5706633	42.430 ug/ml
Spiked Amount 50.000		Recovery =	84.86%
Target Compounds			
1) T n-Nonane (C9)	3.360	4955083	31.672 ug/mlm
2) T n-Decane (C10)	4.610	5305138	33.009 ug/ml
3) T A~Naphthalene (C11.7)	6.315	5807540	34.252 ug/ml
4) T n-Dodecane (C12)	6.775	5854169	36.068 ug/ml
5) T A~2-methylnaphthalene...	7.412	6013369	36.617 ug/ml
6) T n-Tetradecane (C14)	8.605	6376001	39.634 ug/ml
7) T n-Hexadecane (C16)	10.211	6515122	39.230 ug/ml
8) T n-Octadecane (C18)	11.655	6677220	39.817 ug/ml
10) T n-Eicosane (C20)	12.965	6725905	41.517 ug/ml
11) T n-Heneicosane (C21)	13.576	6543582	41.239 ug/ml
13) T n-Docosane (C22)	14.162	6502610	40.519 ug/ml
14) T n-Tetracosane (C24)	15.259	11109416	67.304 ug/ml
15) T n-Hexacosane (C26)	16.286	6380107	38.598 ug/ml
16) T n-Octacosane (C28)	17.234	6516507	39.323 ug/ml
17) T n-Tricontane (C30)	18.123	6444362	37.958 ug/ml
18) T n-Dotriacontane (C32)	18.953	6425454	38.533 ug/ml
19) T n-Tetratriacontane (C34)	19.738	6632314	41.352 ug/ml
20) T n-Hexatriacontane (C36)	20.476	6674460	41.847 ug/ml
21) T n-Octatriacontane (C38)	21.221	6794257	41.805 ug/ml
22) T n-Tetracontane (C40)	22.149	6731407	41.114 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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ALS Vial : 8 Sample Multiplier: 1

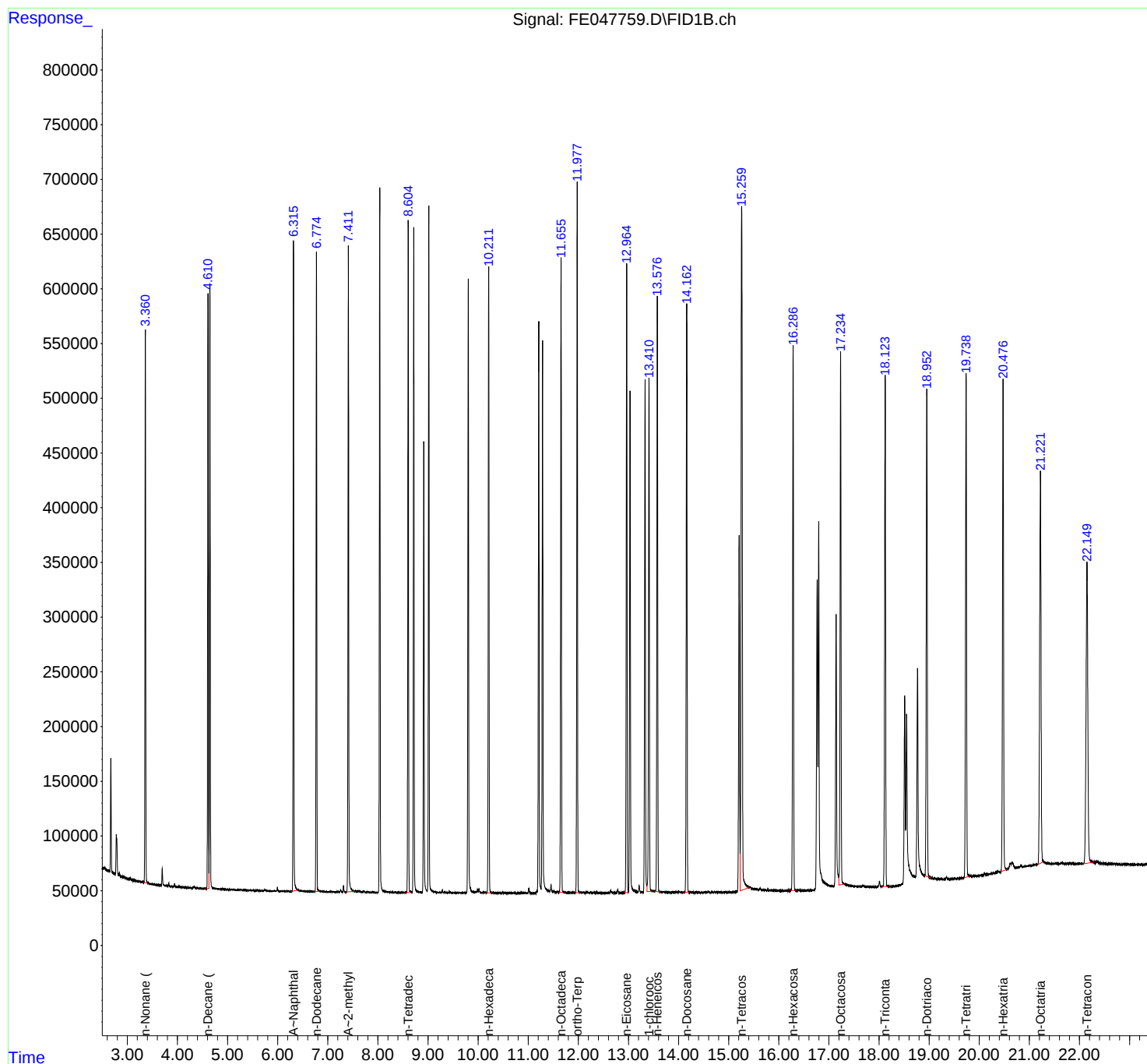
Instrument :
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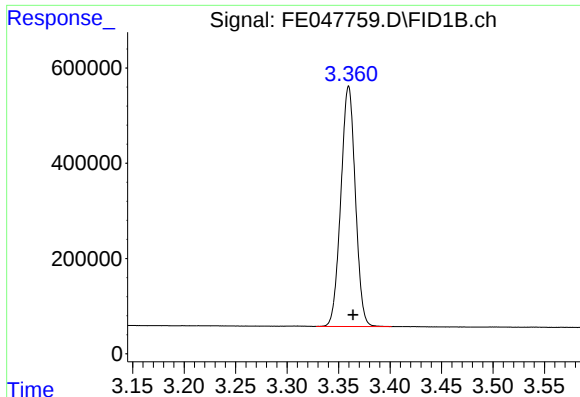
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#1 n-Nonane (C9)

R.T.: 3.360 min
Delta R.T.: -0.004 min
Response: 4955083
Conc: 31.67 ug/ml

Instrument :

FID_E

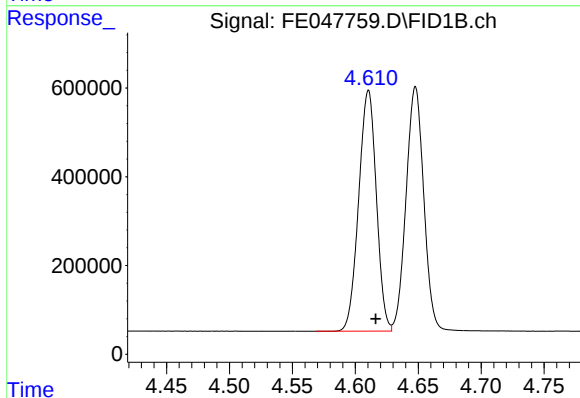
ClientSampleId :

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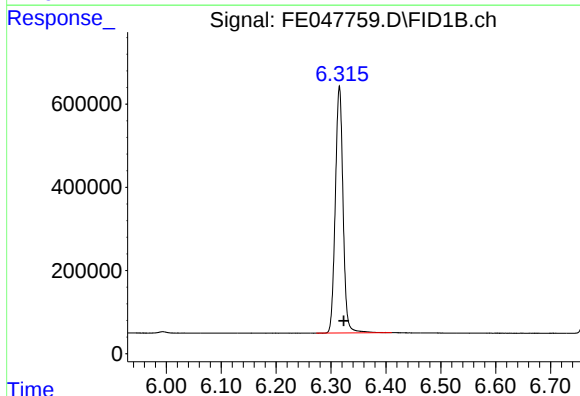
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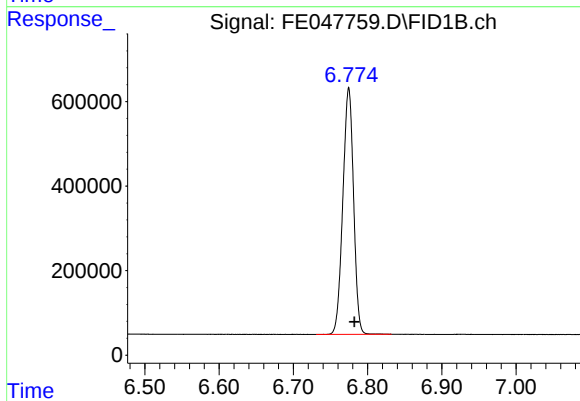
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: -0.006 min
Response: 5305138
Conc: 33.01 ug/ml



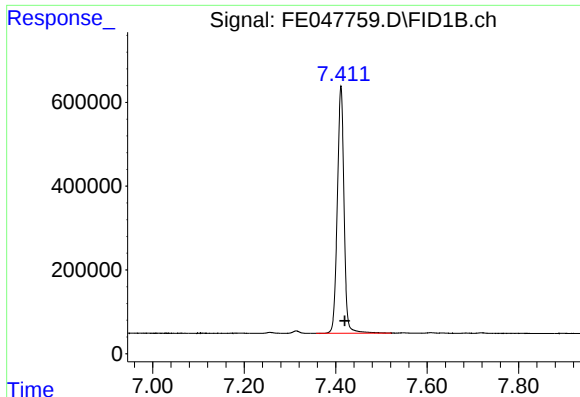
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min
Delta R.T.: -0.008 min
Response: 5807540
Conc: 34.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.775 min
Delta R.T.: -0.007 min
Response: 5854169
Conc: 36.07 ug/ml



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

R.T.: 7.412 min
Delta R.T.: -0.008 min
Response: 6013369
Conc: 36.62 ug/ml

Instrument :

FID_E

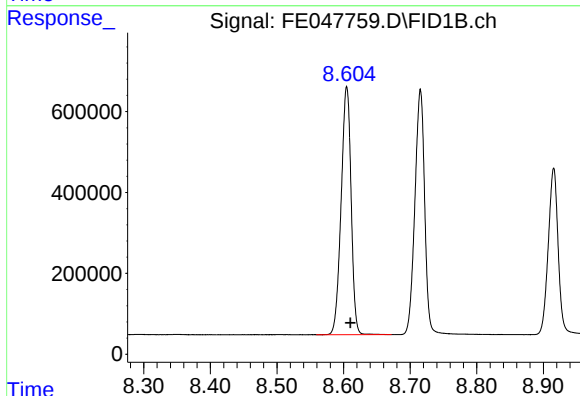
ClientSampleId :

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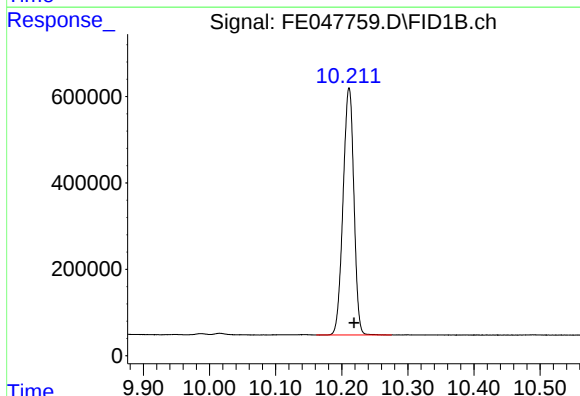
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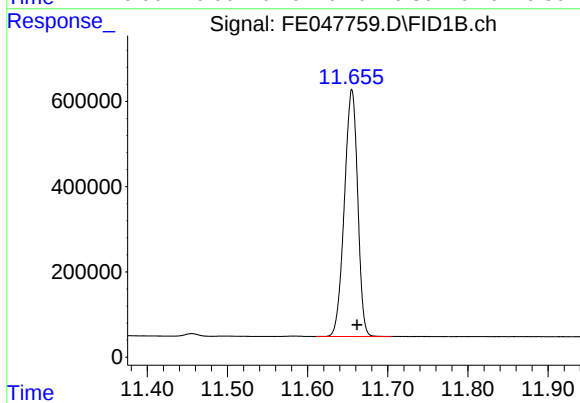
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: -0.006 min
Response: 6376001
Conc: 39.63 ug/ml



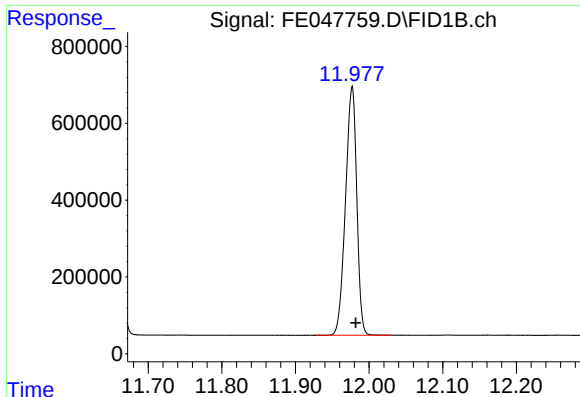
#7 n-Hexadecane (C16)

R.T.: 10.211 min
Delta R.T.: -0.007 min
Response: 6515122
Conc: 39.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.655 min
Delta R.T.: -0.006 min
Response: 6677220
Conc: 39.82 ug/ml



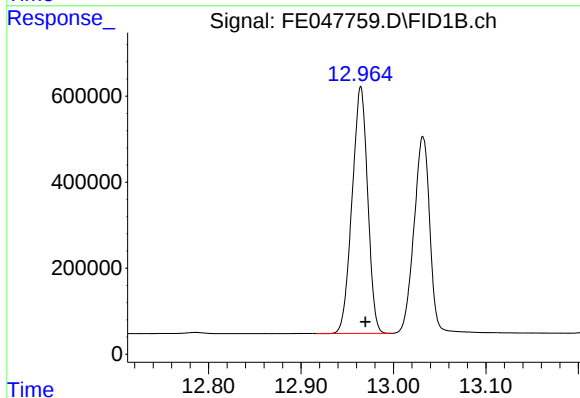
#9 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: -0.005 min
Response: 6890290
Conc: 39.73 ug/ml

Instrument :
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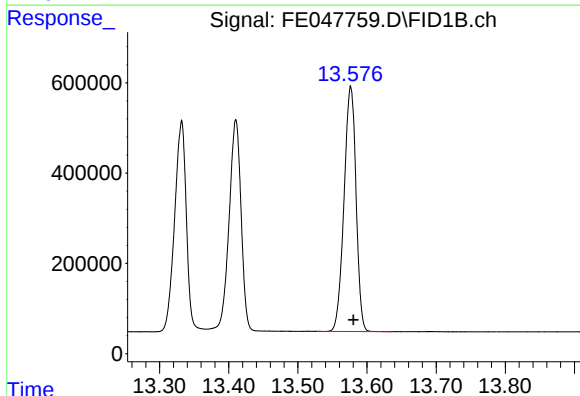
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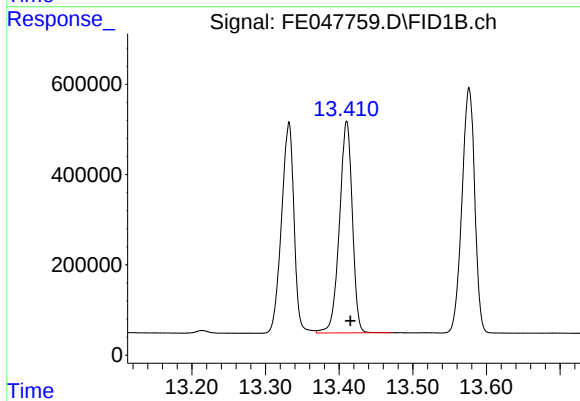
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: -0.005 min
Response: 6725905
Conc: 41.52 ug/ml



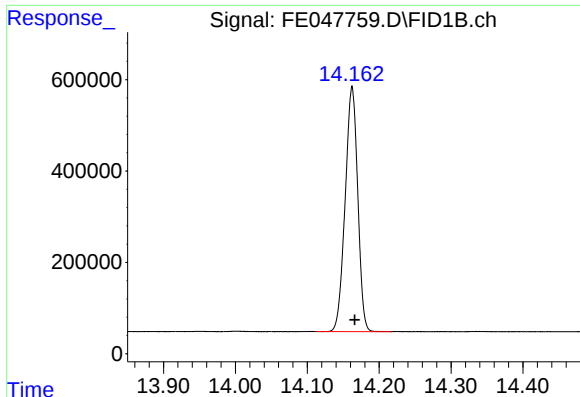
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: -0.004 min
Response: 6543582
Conc: 41.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: -0.005 min
Response: 5706633
Conc: 42.43 ug/ml



#13 n-Docosane (C22)

R.T.: 14.162 min
Delta R.T.: -0.004 min
Response: 6502610
Conc: 40.52 ug/ml

Instrument :

FID_E

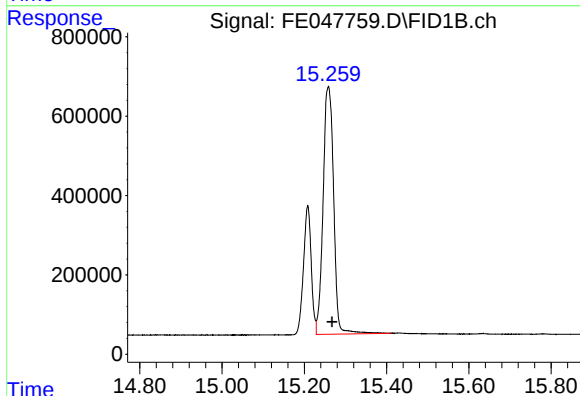
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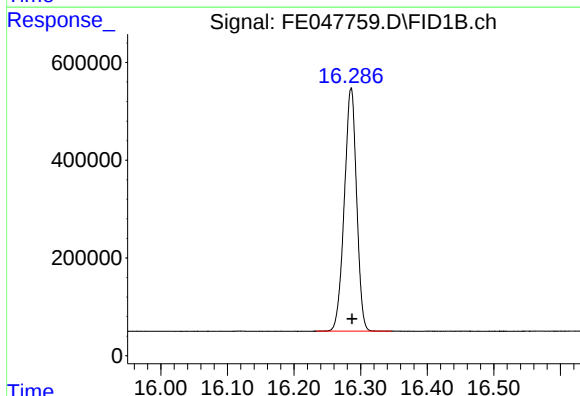
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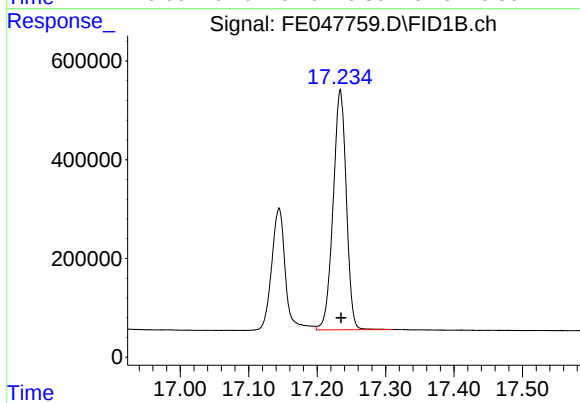
#14 n-Tetracosane (C24)

R.T.: 15.259 min
Delta R.T.: -0.009 min
Response: 11109416
Conc: 67.30 ug/ml



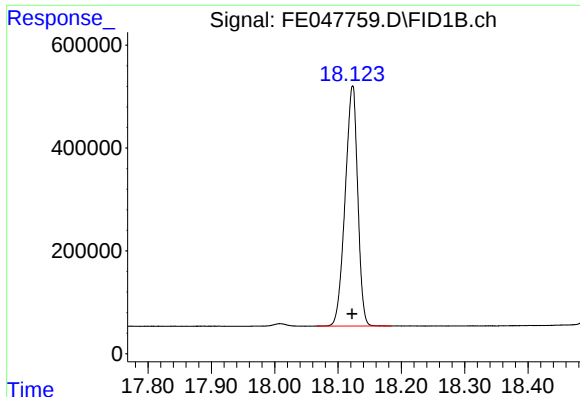
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: -0.001 min
Response: 6380107
Conc: 38.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.234 min
Delta R.T.: -0.001 min
Response: 6516507
Conc: 39.32 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.123 min
Delta R.T.: 0.000 min
Response: 6444362
Conc: 37.96 ug/ml

Instrument :

FID_E

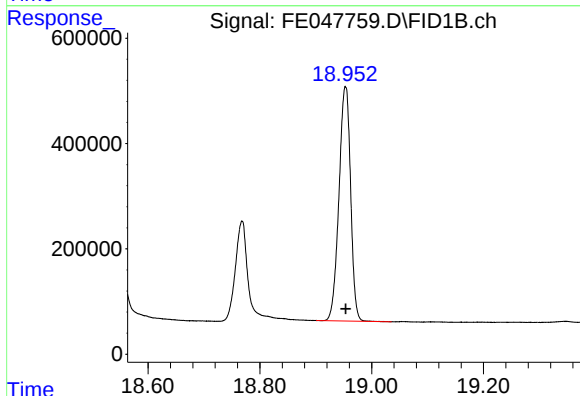
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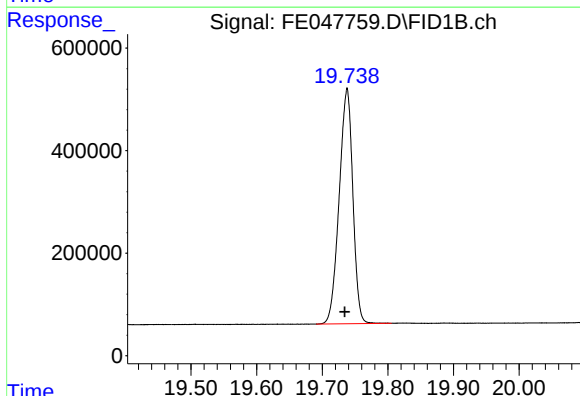
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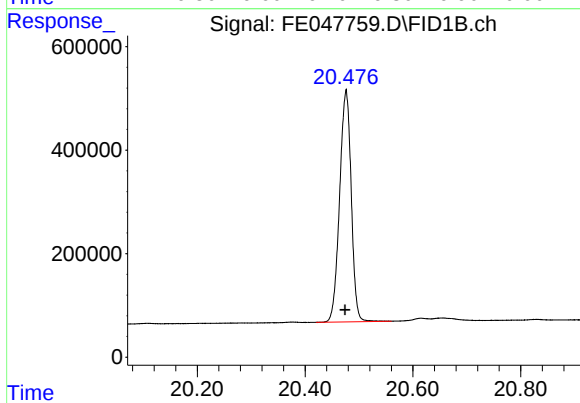
#18 n-Dotriacontane (C32)

R.T.: 18.953 min
Delta R.T.: 0.000 min
Response: 6425454
Conc: 38.53 ug/ml



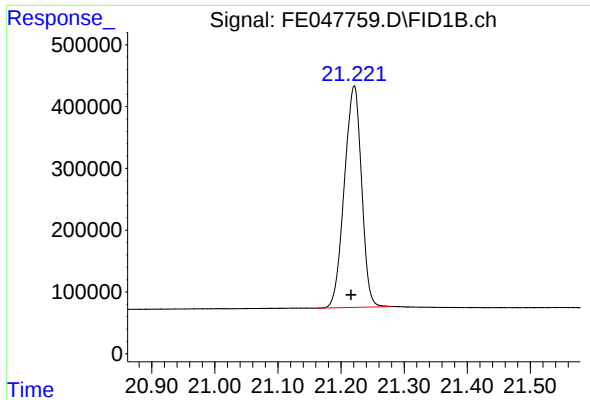
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min
Delta R.T.: 0.004 min
Response: 6632314
Conc: 41.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.476 min
Delta R.T.: 0.002 min
Response: 6674460
Conc: 41.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.221 min
Delta R.T.: 0.005 min
Response: 6794257
Conc: 41.80 ug/ml

Instrument :

FID_E

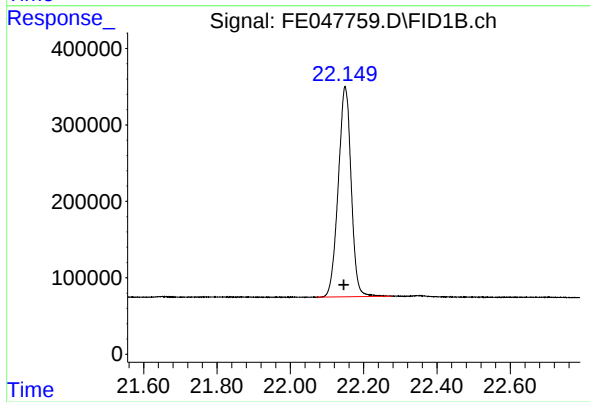
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#22 n-Tetracontane (C40)

R.T.: 22.149 min
Delta R.T.: 0.003 min
Response: 6731407
Conc: 41.11 ug/ml