

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071124AL\
 Data File : FE049084.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jul 2024 22:22
 Operator : YP\AJ
 Sample : P3193-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 FILL-MATERIAL-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2024
 Supervised By :Ankita Jodhani 07/12/2024

Integration File: autoint1.e
 Quant Time: Jul 12 01:32:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.921	4219187	25.233 ug/ml
Spiked Amount 50.000		Recovery =	50.47%
12) S 1-chlorooctadecane (S...	13.356	3637251	28.286 ug/ml
Spiked Amount 50.000		Recovery =	56.57%
Target Compounds			
1) T n-Nonane (C9)	3.312	3952146	26.288 ug/ml
2) T n-Decane (C10)	4.561	4814607	31.286 ug/ml
3) T A~Naphthalene (C11.7)	6.265	5673660	35.739 ug/ml
4) T n-Dodecane (C12)	6.726	5532101	35.836 ug/ml
5) T A~2-methylnaphthalene...	7.362	6143262	40.566 ug/ml
6) T n-Tetradecane (C14)	8.555	6169469	40.254 ug/ml
7) T n-Hexadecane (C16)	10.161	6413163	41.016 ug/ml
8) T n-Octadecane (C18)	11.604	6404519	40.157 ug/ml
10) T n-Eicosane (C20)	12.913	6407930	41.332 ug/ml
11) T n-Heneicosane (C21)	13.525	6172536	40.538 ug/ml
13) T n-Docosane (C22)	14.111	6119312	40.463 ug/ml
14) T n-Tetracosane (C24)	15.207	11414935	75.958 ug/ml
15) T n-Hexacosane (C26)	16.234	6076211	41.158 ug/ml
16) T n-Octacosane (C28)	17.182	6311024	43.761 ug/ml
17) T n-Tricontane (C30)	18.069	6220412	42.518 ug/ml
18) T n-Dotriacontane (C32)	18.899	6343488	44.366 ug/ml
19) T n-Tetratriacontane (C34)	19.683	6291665	45.469 ug/ml
20) T n-Hexatriacontane (C36)	20.423	6268220	48.229 ug/mlm
21) T n-Octatriacontane (C38)	21.155	6485523	50.591 ug/mlm
22) T n-Tetracontane (C40)	22.067	6435087	52.549 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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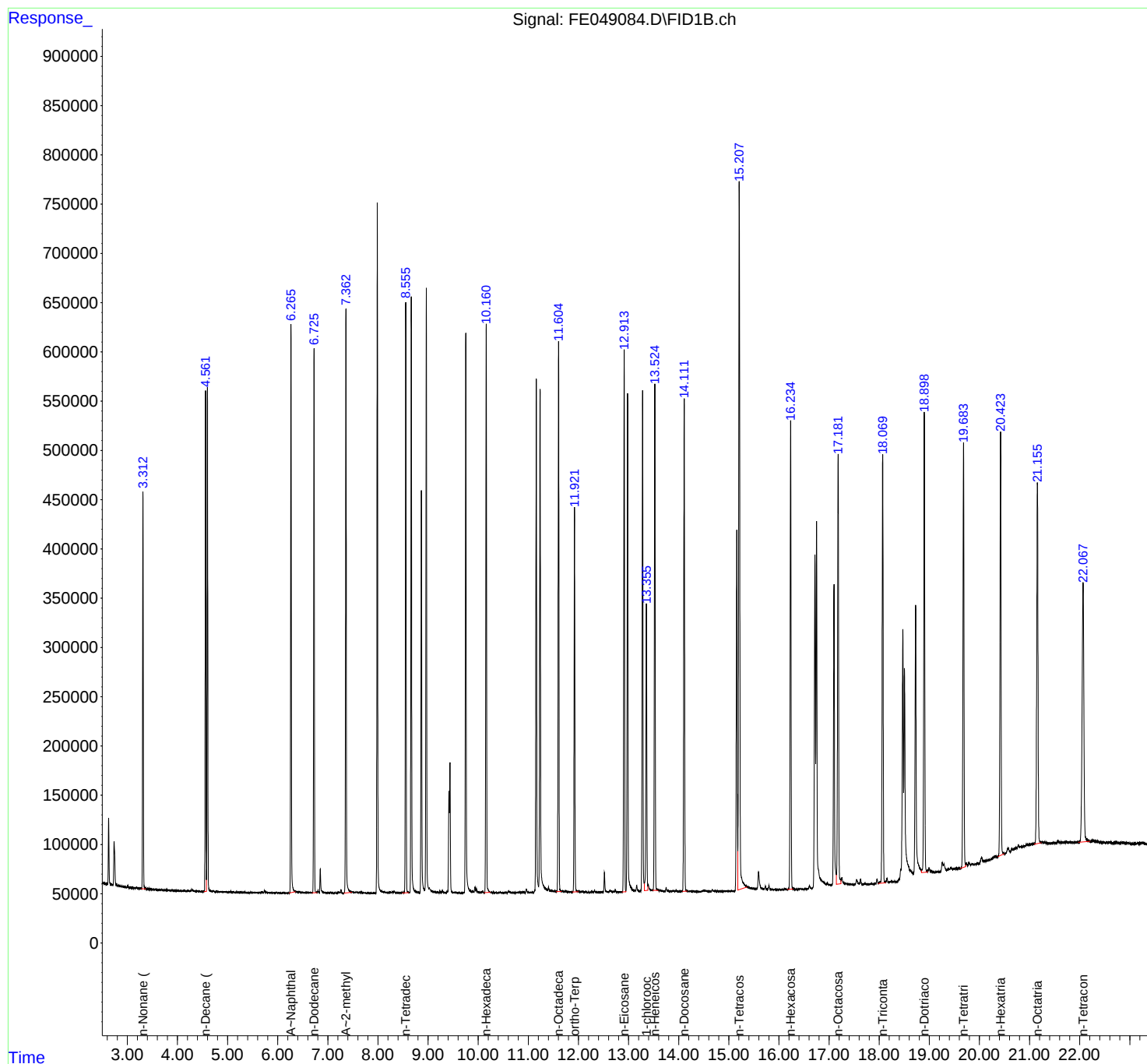
Instrument :
FID_E
ClientSampleId :
FILL-MATERIAL-1MS

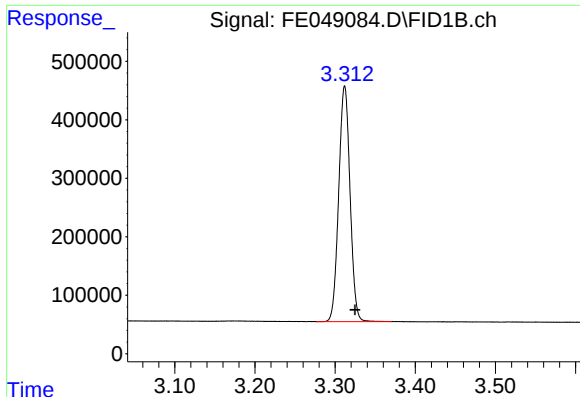
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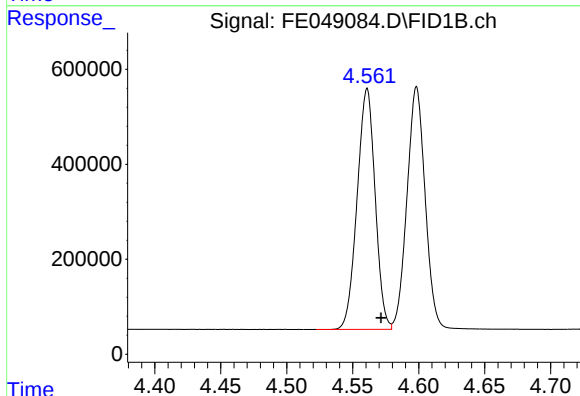
#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: -0.013 min
Response: 3952146
Conc: 26.29 ug/ml

Instrument :
FID_E
ClientSampleId :
FILL-MATERIAL-1MS

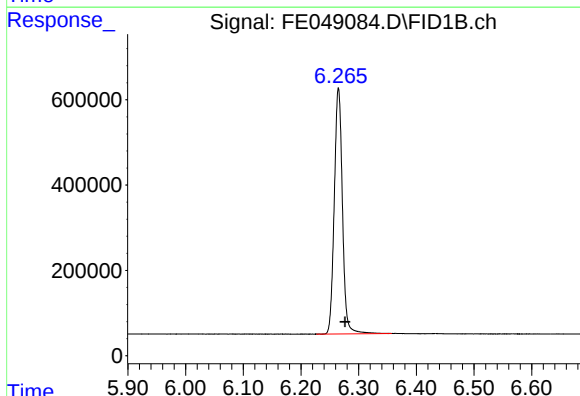
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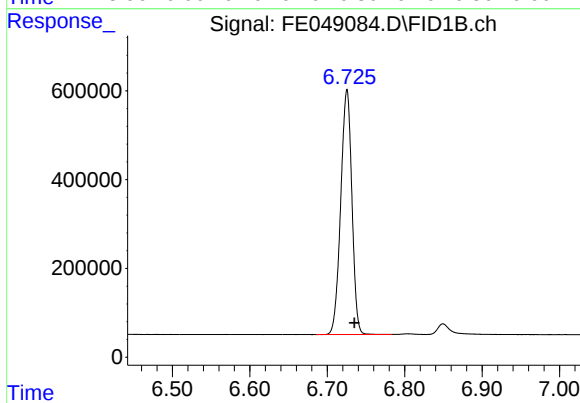
#2 n-Decane (C10)

R.T.: 4.561 min
Delta R.T.: -0.010 min
Response: 4814607
Conc: 31.29 ug/ml



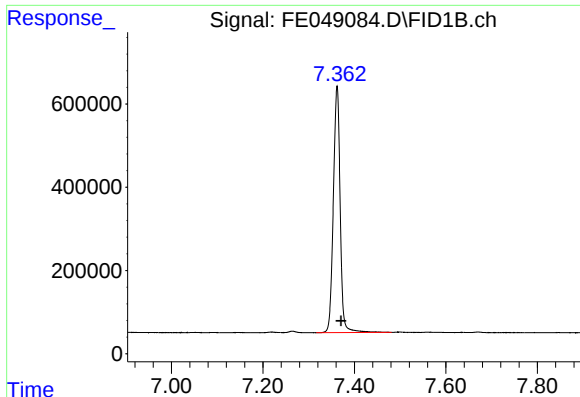
#3 A~Naphthalene (C11.7)

R.T.: 6.265 min
Delta R.T.: -0.011 min
Response: 5673660
Conc: 35.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.726 min
Delta R.T.: -0.010 min
Response: 5532101
Conc: 35.84 ug/ml



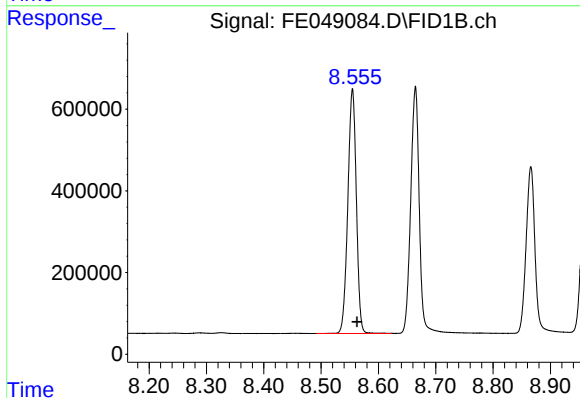
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.362 min
Delta R.T.: -0.008 min
Response: 6143262
Conc: 40.57 ug/ml

Instrument :
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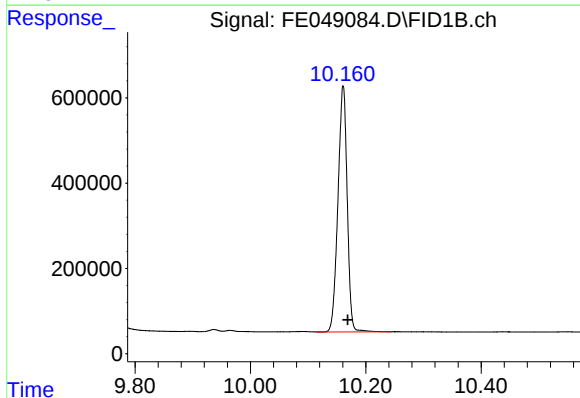
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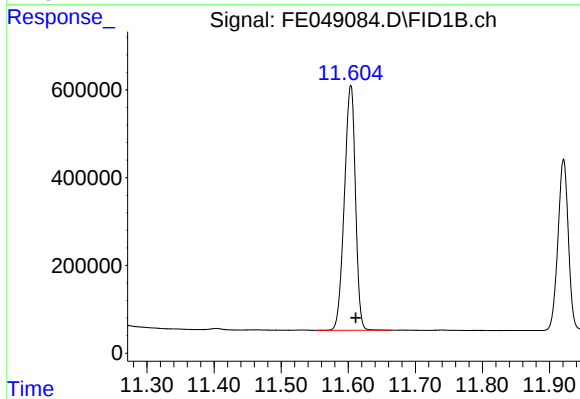
#6 n-Tetradecane (C14)

R.T.: 8.555 min
Delta R.T.: -0.008 min
Response: 6169469
Conc: 40.25 ug/ml



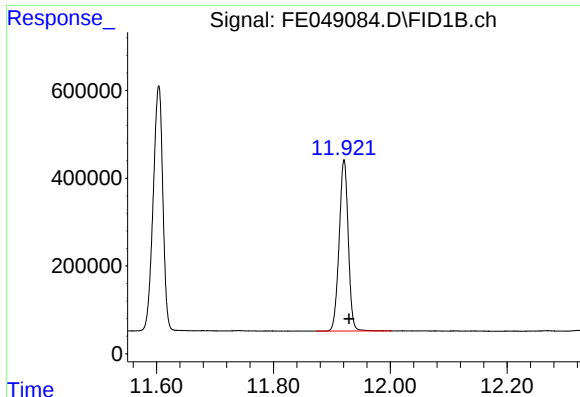
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: -0.008 min
Response: 6413163
Conc: 41.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.604 min
Delta R.T.: -0.007 min
Response: 6404519
Conc: 40.16 ug/ml



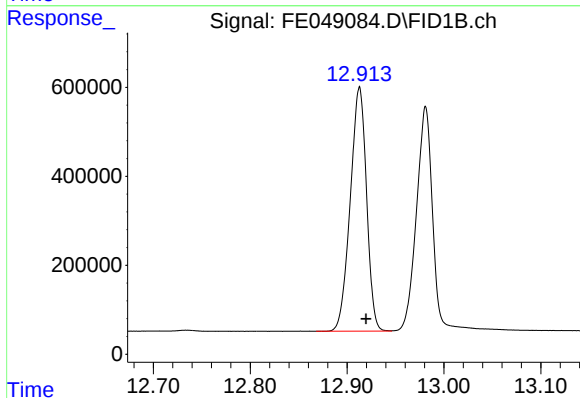
#9 ortho-Terphenyl (SURR)

R.T.: 11.921 min
Delta R.T.: -0.009 min
Response: 4219187
Conc: 25.23 ug/ml

Instrument :
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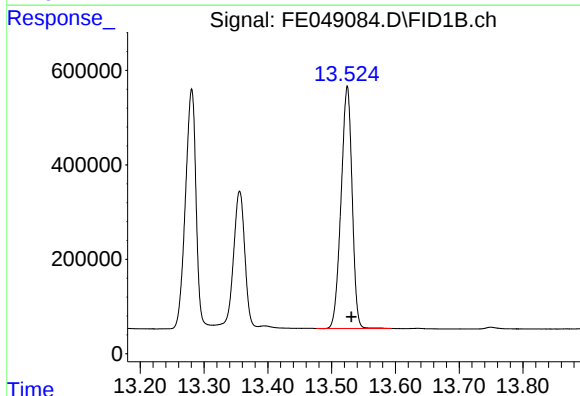
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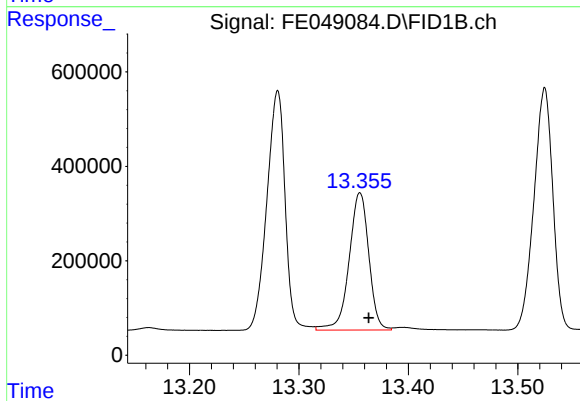
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: -0.007 min
Response: 6407930
Conc: 41.33 ug/ml



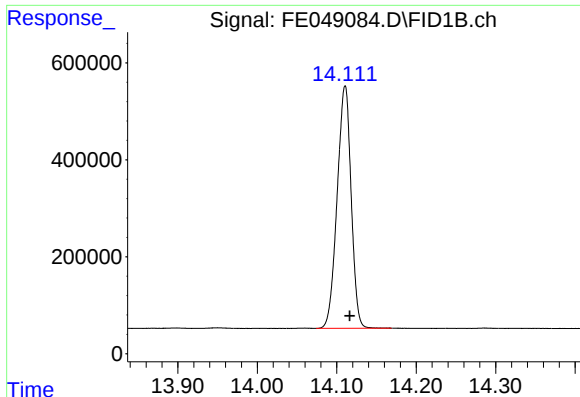
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: -0.006 min
Response: 6172536
Conc: 40.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.356 min
Delta R.T.: -0.008 min
Response: 3637251
Conc: 28.29 ug/ml



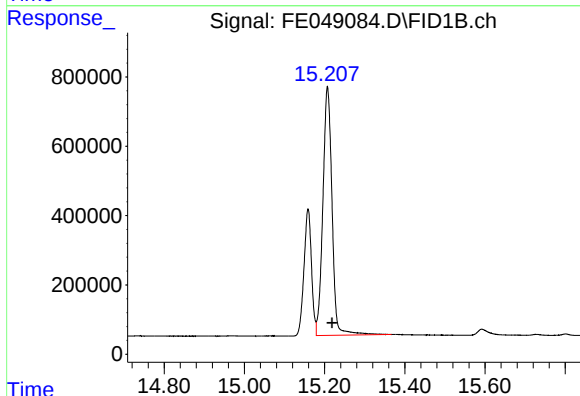
#13 n-Docosane (C22)

R.T.: 14.111 min
Delta R.T.: -0.006 min
Response: 6119312
Conc: 40.46 ug/ml

Instrument :
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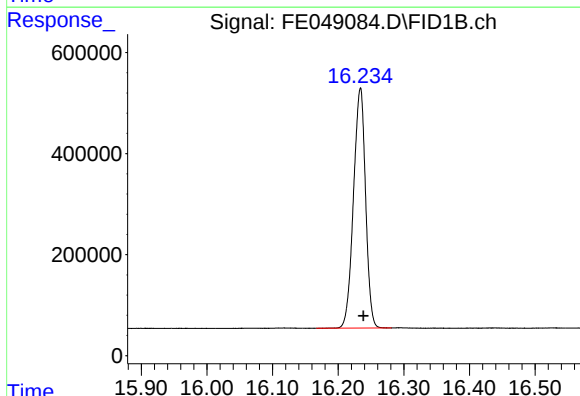
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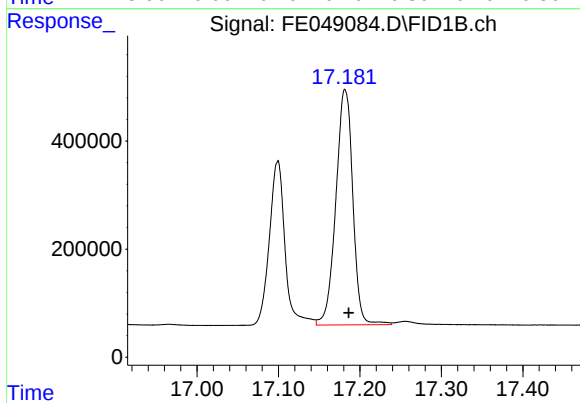
#14 n-Tetracosane (C24)

R.T.: 15.207 min
Delta R.T.: -0.011 min
Response: 11414935
Conc: 75.96 ug/ml



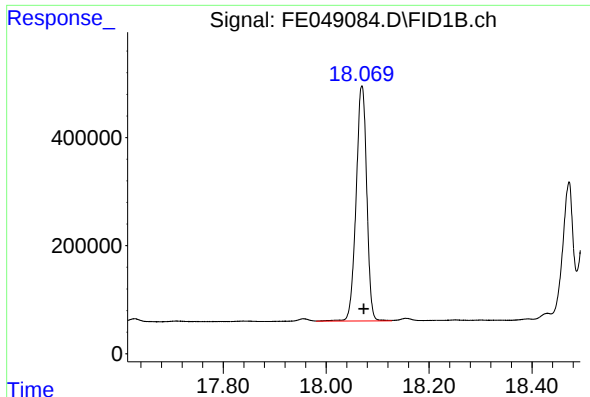
#15 n-Hexacosane (C26)

R.T.: 16.234 min
Delta R.T.: -0.004 min
Response: 6076211
Conc: 41.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.182 min
Delta R.T.: -0.005 min
Response: 6311024
Conc: 43.76 ug/ml



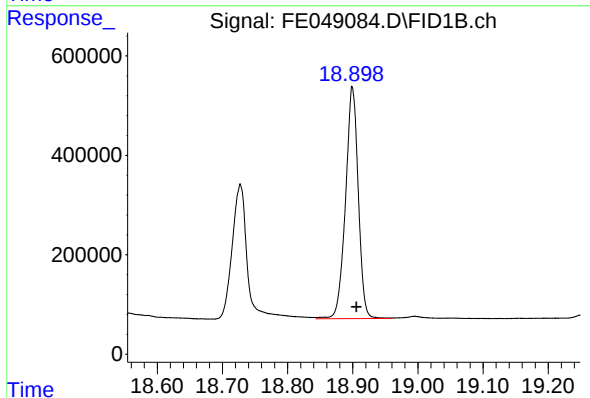
#17 n-Tricontane (C30)

R.T.: 18.069 min
Delta R.T.: -0.004 min
Response: 6220412
Conc: 42.52 ug/ml

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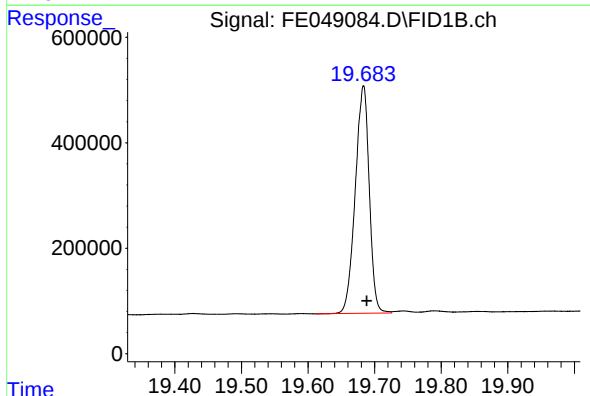
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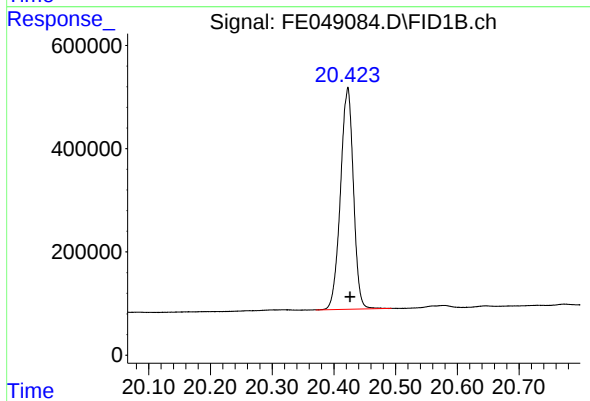
#18 n-Dotriacontane (C32)

R.T.: 18.899 min
Delta R.T.: -0.006 min
Response: 6343488
Conc: 44.37 ug/ml



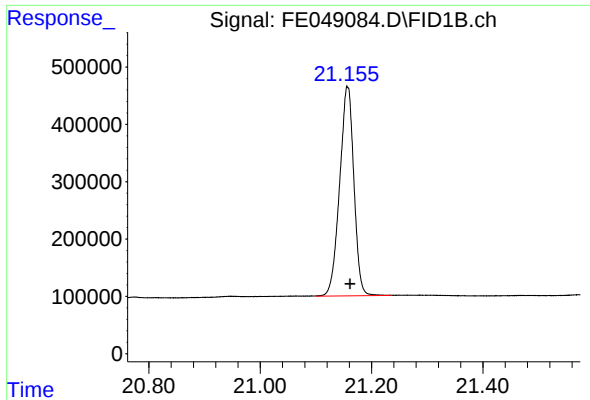
#19 n-Tetratriacontane (C34)

R.T.: 19.683 min
Delta R.T.: -0.005 min
Response: 6291665
Conc: 45.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.423 min
Delta R.T.: -0.004 min
Response: 6268220
Conc: 48.23 ug/ml m



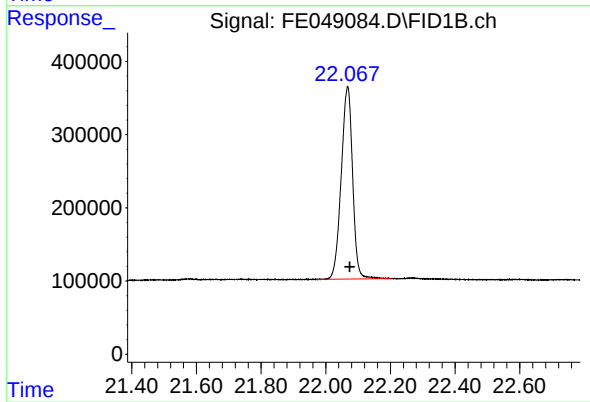
#21 n-Octatriacontane (C38)

R.T.: 21.155 min
Delta R.T.: -0.006 min
Response: 6485523
Conc: 50.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.067 min
Delta R.T.: -0.007 min
Response: 6435087
Conc: 52.55 ug/ml m