

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091225AL\
 Data File : FE055804.D
 Signal(s) : FID1B.ch
 Acq On : 12 Sep 2025 16:21
 Operator : YP\AJ
 Sample : PB169673BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2025
 Supervised By :mohammad ahmed 09/16/2025

Integration File: autoint1.e
 Quant Time: Sep 13 04:44:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 2025
 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)	12.072	6465937	39.358 ug/ml
Spiked Amount 50.000		Recovery =	78.72%
12) S 1-chlorooctadecane (S...	13.508	5039813	40.304 ug/ml
Spiked Amount 50.000		Recovery =	80.61%
Target Compounds			
1) T n-Nonane (C9)	3.419	5265906	41.496 ug/ml
2) T n-Decane (C10)	4.673	5529146	43.164 ug/ml
3) T A~Naphthalene (C11.7)	6.388	6347669	43.690 ug/ml
4) T n-Dodecane (C12)	6.845	5764596	44.271 ug/ml
5) T A~2-methylnaphthalene...	7.489	5923580	42.116 ug/ml
6) T n-Tetradecane (C14)	8.682	5896310	44.773 ug/ml
7) T n-Hexadecane (C16)	10.296	6172624	44.569 ug/ml
8) T n-Octadecane (C18)	11.746	6228066	42.699 ug/ml
10) T n-Eicosane (C20)	13.061	6349811	44.112 ug/ml
11) T n-Heneicosane (C21)	13.674	6000412	42.007 ug/ml
13) T n-Docosane (C22)	14.263	5848293	40.856 ug/ml
14) T n-Tetracosane (C24)	15.369	11628850	80.366 ug/ml
15) T n-Hexacosane (C26)	16.393	5452557	38.166 ug/ml
16) T n-Octacosane (C28)	17.345	5205468	36.597 ug/ml
17) T n-Tricontane (C30)	18.236	5512987	37.295 ug/ml
18) T n-Dotriacontane (C32)	19.068	5503458	37.496 ug/ml
19) T n-Tetratriacontane (C34)	19.854	5816451	41.168 ug/ml
20) T n-Hexatriacontane (C36)	20.594	5833623	44.209 ug/ml
21) T n-Octatriacontane (C38)	21.372	6100244	46.838 ug/mlm
22) T n-Tetracontane (C40)	22.356	5837694	45.521 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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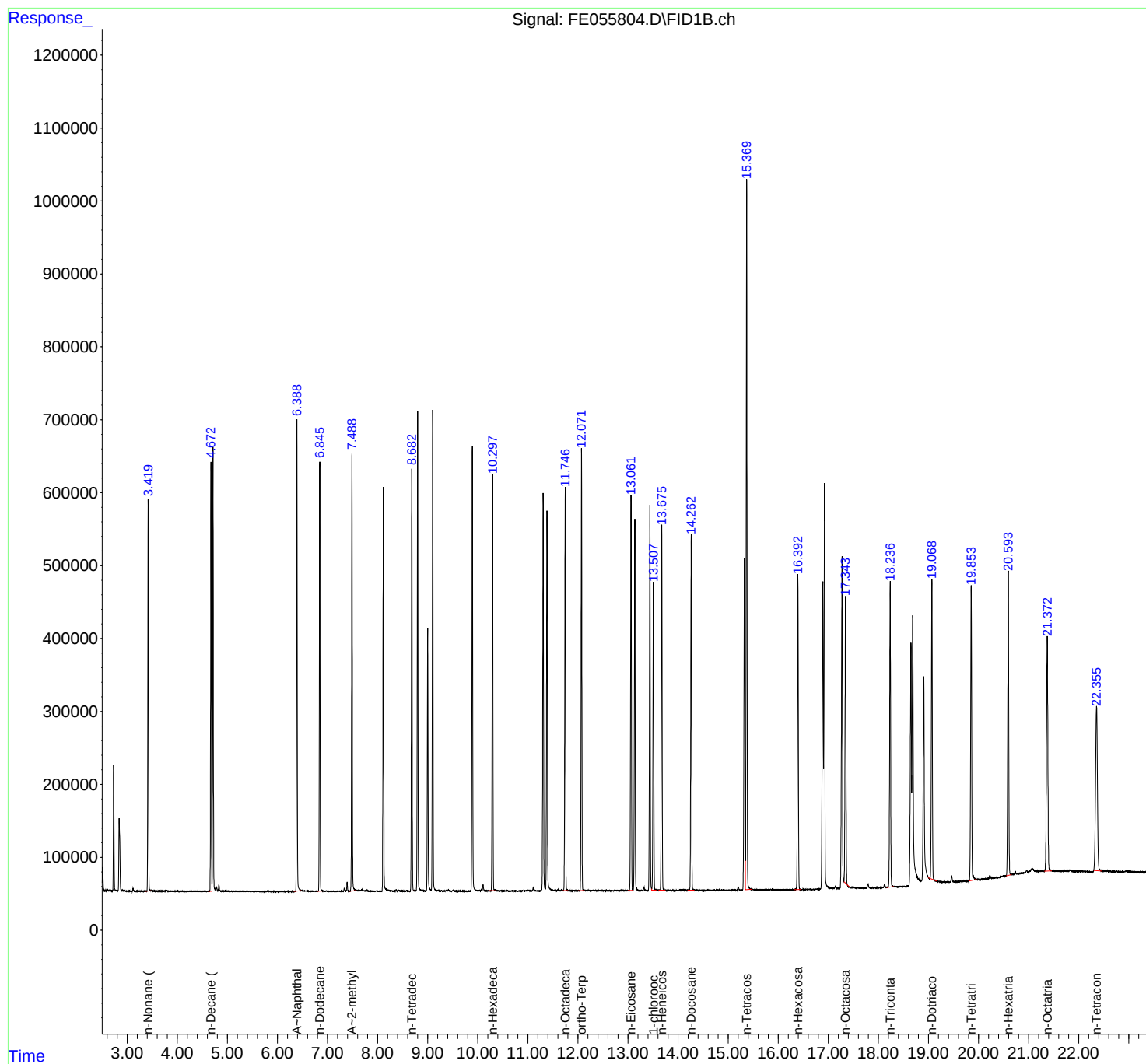
Instrument :
FID_E
ClientSampleId :

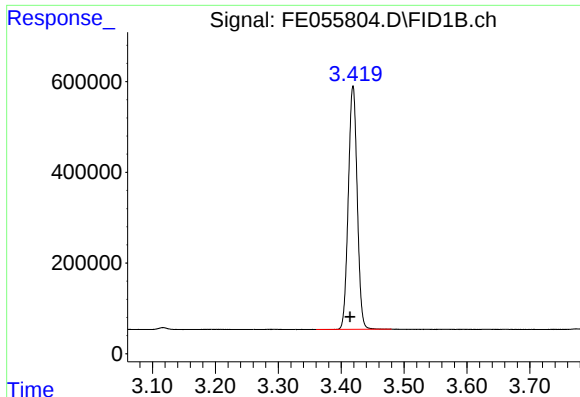
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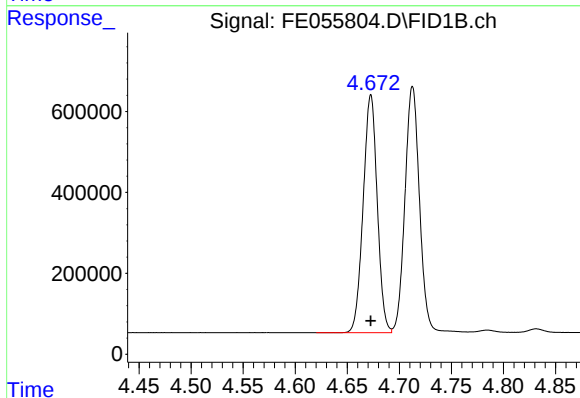
#1 n-Nonane (C9)

R.T.: 3.419 min
Delta R.T.: 0.005 min
Response: 5265906
Conc: 41.50 ug/ml

Instrument :
FID_E
ClientSampleId :

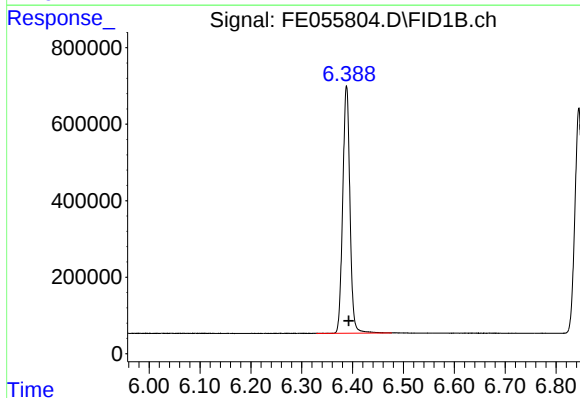
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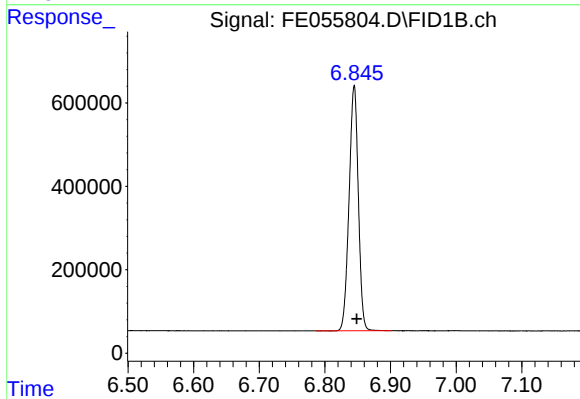
#2 n-Decane (C10)

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 5529146
Conc: 43.16 ug/ml



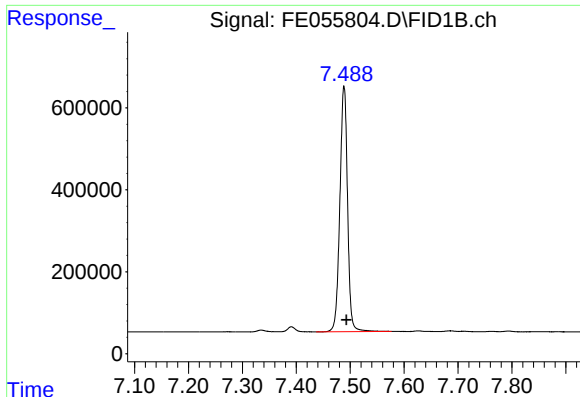
#3 A~Naphthalene (C11.7)

R.T.: 6.388 min
Delta R.T.: -0.004 min
Response: 6347669
Conc: 43.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.845 min
Delta R.T.: -0.004 min
Response: 5764596
Conc: 44.27 ug/ml



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

R.T.: 7.489 min
Delta R.T.: -0.005 min
Response: 5923580
Conc: 42.12 ug/ml

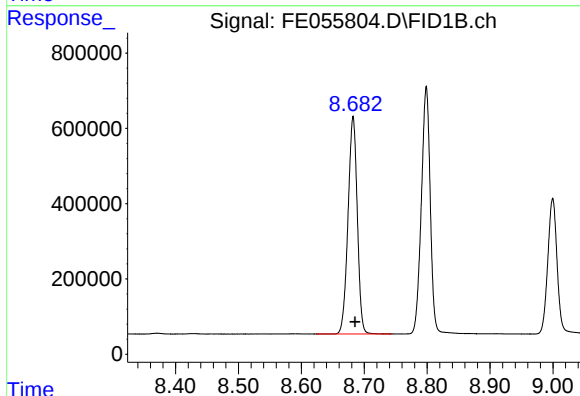
Instrument :

FID_E

ClientSampleId :

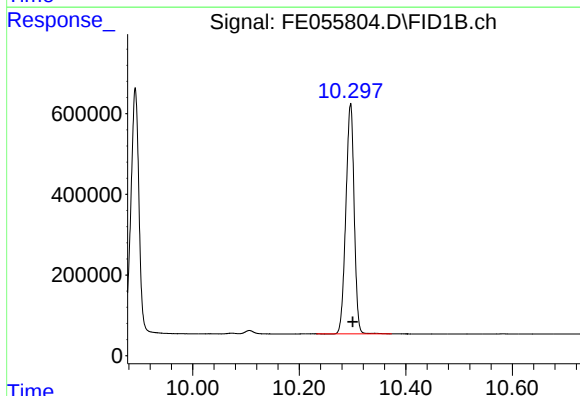
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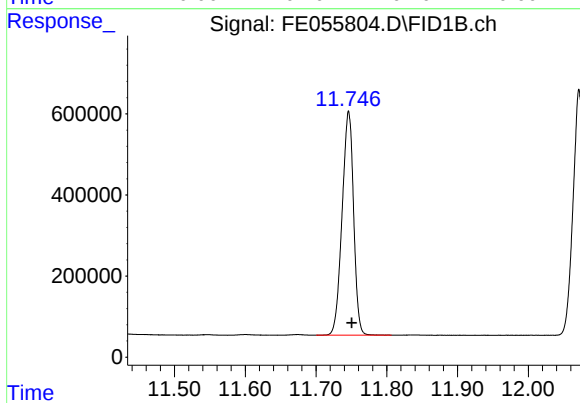
#6 n-Tetradecane (C14)

R.T.: 8.682 min
Delta R.T.: -0.003 min
Response: 5896310
Conc: 44.77 ug/ml



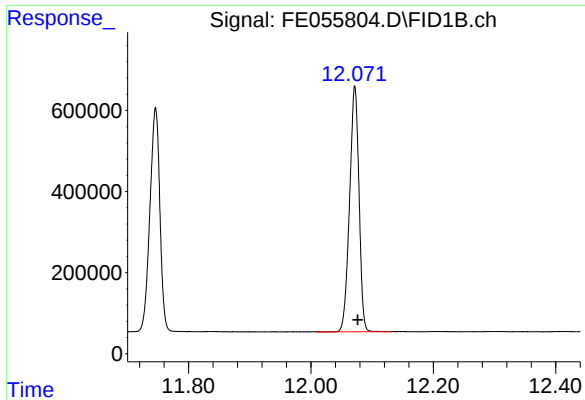
#7 n-Hexadecane (C16)

R.T.: 10.296 min
Delta R.T.: -0.004 min
Response: 6172624
Conc: 44.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.746 min
Delta R.T.: -0.004 min
Response: 6228066
Conc: 42.70 ug/ml



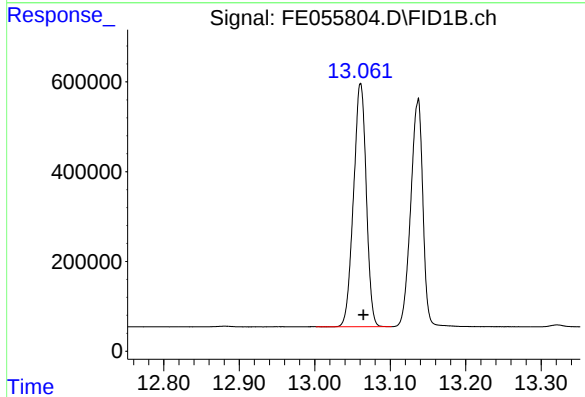
#9 ortho-Terphenyl (SURR)

R.T.: 12.072 min
Delta R.T.: -0.005 min
Response: 6465937
Conc: 39.36 ug/ml

Instrument :
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ClientSampleId :

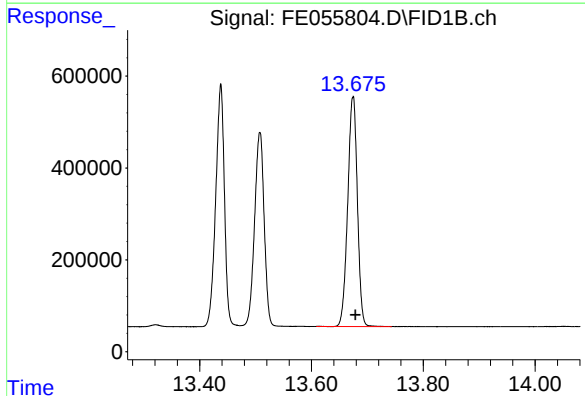
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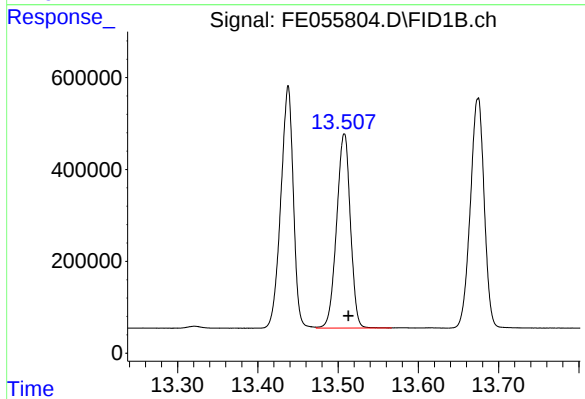
#10 n-Eicosane (C20)

R.T.: 13.061 min
Delta R.T.: -0.004 min
Response: 6349811
Conc: 44.11 ug/ml



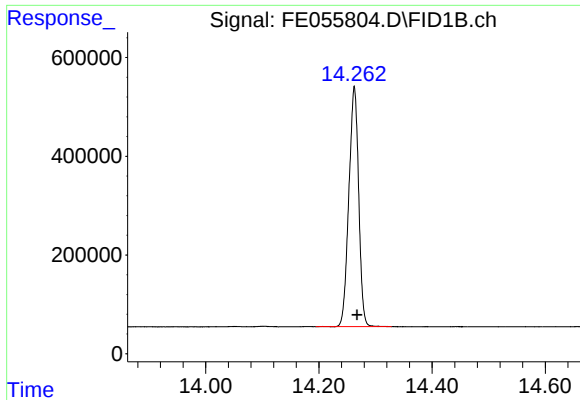
#11 n-Heneicosane (C21)

R.T.: 13.674 min
Delta R.T.: -0.005 min
Response: 6000412
Conc: 42.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.508 min
Delta R.T.: -0.005 min
Response: 5039813
Conc: 40.30 ug/ml



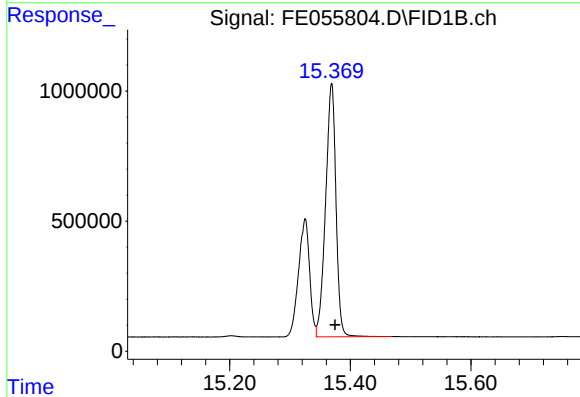
#13 n-Docosane (C22)

R.T.: 14.263 min
Delta R.T.: -0.005 min
Response: 5848293
Conc: 40.86 ug/ml

Instrument :
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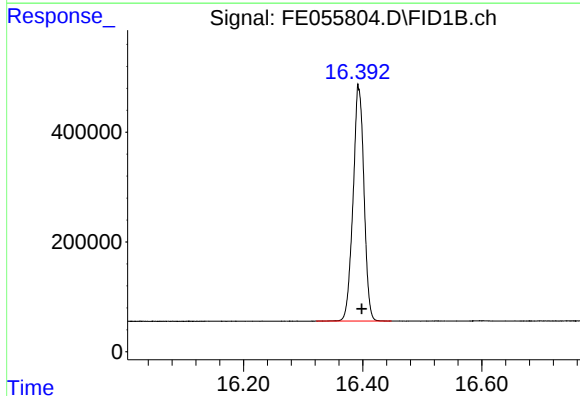
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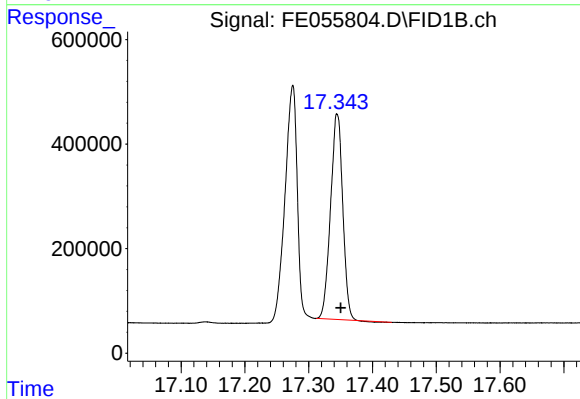
#14 n-Tetracosane (C24)

R.T.: 15.369 min
Delta R.T.: -0.006 min
Response: 11628850
Conc: 80.37 ug/ml



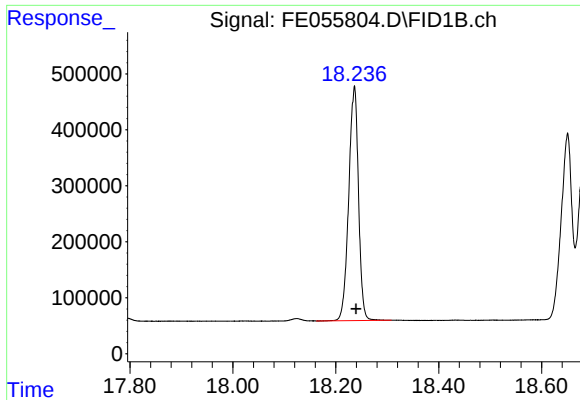
#15 n-Hexacosane (C26)

R.T.: 16.393 min
Delta R.T.: -0.005 min
Response: 5452557
Conc: 38.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.345 min
Delta R.T.: -0.005 min
Response: 5205468
Conc: 36.60 ug/ml



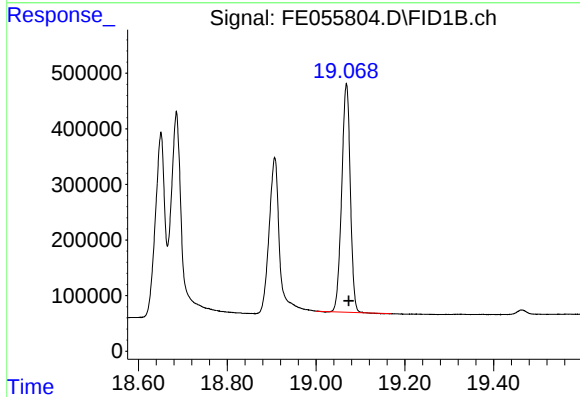
#17 n-Tricontane (C30)

R.T.: 18.236 min
Delta R.T.: -0.004 min
Response: 5512987
Conc: 37.30 ug/ml

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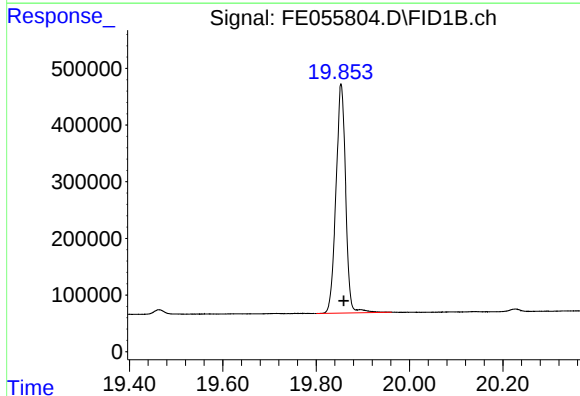
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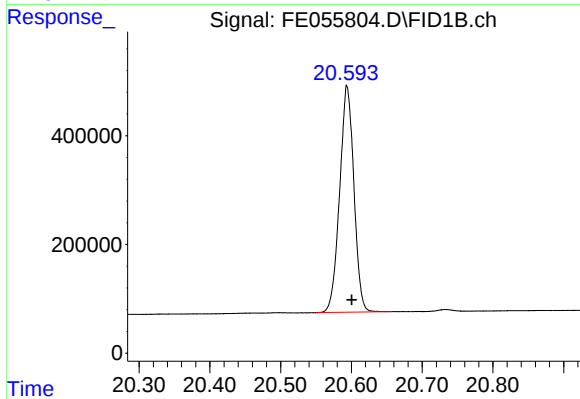
#18 n-Dotriacontane (C32)

R.T.: 19.068 min
Delta R.T.: -0.005 min
Response: 5503458
Conc: 37.50 ug/ml



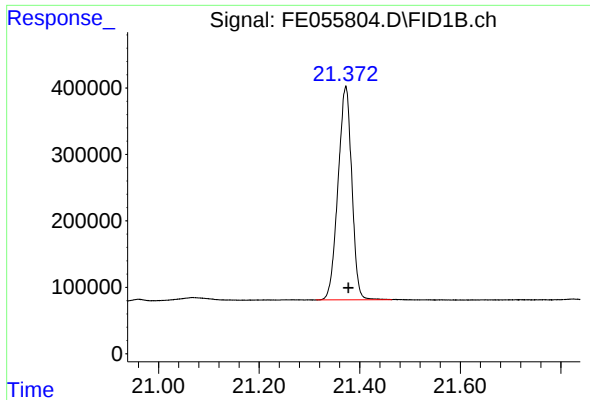
#19 n-Tetratriacontane (C34)

R.T.: 19.854 min
Delta R.T.: -0.005 min
Response: 5816451
Conc: 41.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.594 min
Delta R.T.: -0.006 min
Response: 5833623
Conc: 44.21 ug/ml



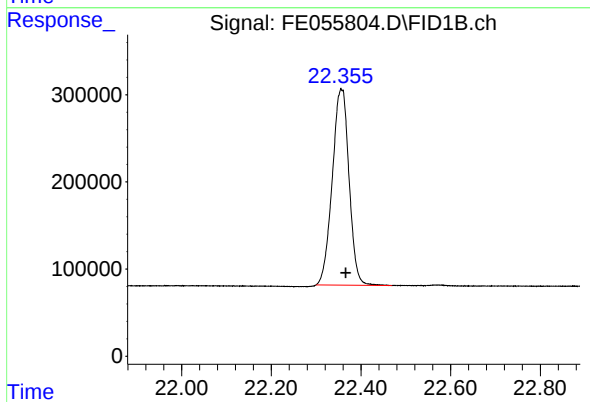
#21 n-Octatriacontane (C38)

R.T.: 21.372 min
Delta R.T.: -0.005 min
Response: 6100244
Conc: 46.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.356 min
Delta R.T.: -0.009 min
Response: 5837694
Conc: 45.52 ug/ml