

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090525AL\
 Data File : FE055692.D
 Signal(s) : FID1B.ch
 Acq On : 05 Sep 2025 16:37
 Operator : YP\AJ
 Sample : PB169567BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB169567BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2025
 Supervised By :mohammad ahmed 09/09/2025

Integration File: sample.E
 Quant Time: Sep 06 01:44:42 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)	12.074	6403691	38.979 ug/ml
Spiked Amount 50.000		Recovery =	77.96%
12) S 1-chlorooctadecane (S...	13.510	5041256	40.316 ug/ml
Spiked Amount 50.000		Recovery =	80.63%
Target Compounds			
1) T n-Nonane (C9)	3.417	4229875	33.332 ug/ml
2) T n-Decane (C10)	4.673	4481622	34.986 ug/ml
3) T A~Naphthalene (C11.7)	6.389	5243018	36.087 ug/ml
4) T n-Dodecane (C12)	6.846	4766510	36.606 ug/ml
5) T A~2-methylnaphthalene...	7.490	4982952	35.428 ug/ml
6) T n-Tetradecane (C14)	8.684	4981889	37.829 ug/ml
7) T n-Hexadecane (C16)	10.298	5238725	37.825 ug/ml
8) T n-Octadecane (C18)	11.748	5397588	37.005 ug/ml
10) T n-Eicosane (C20)	13.063	5684207	39.488 ug/ml
11) T n-Heneicosane (C21)	13.676	5490232	38.435 ug/ml
13) T n-Docosane (C22)	14.265	5466198	38.187 ug/ml
14) T n-Tetracosane (C24)	15.370	11379420	78.642 ug/ml
15) T n-Hexacosane (C26)	16.397	5430239	38.010 ug/ml
16) T n-Octacosane (C28)	17.347	5522868	38.829 ug/mlm
17) T n-Tricontane (C30)	18.238	5559369	37.609 ug/ml
18) T n-Dotriacontane (C32)	19.071	5567280	37.930 ug/ml
19) T n-Tetratriacontane (C34)	19.856	5808629	41.113 ug/ml
20) T n-Hexatriacontane (C36)	20.598	5857996	44.393 ug/ml
21) T n-Octatriacontane (C38)	21.375	5916737	45.429 ug/ml
22) T n-Tetracontane (C40)	22.359	5469316	42.649 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 20 Sample Multiplier: 1

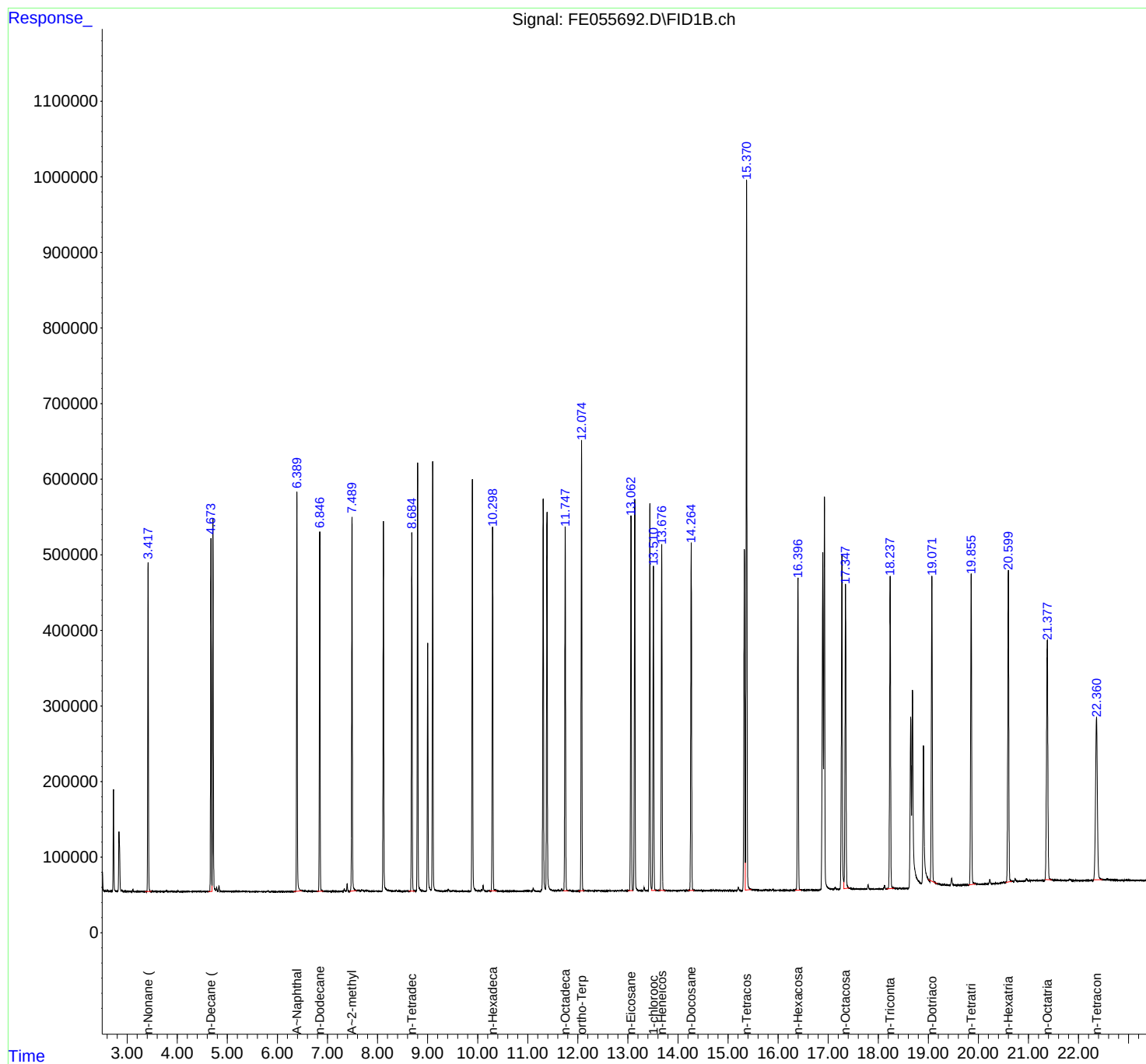
Instrument :
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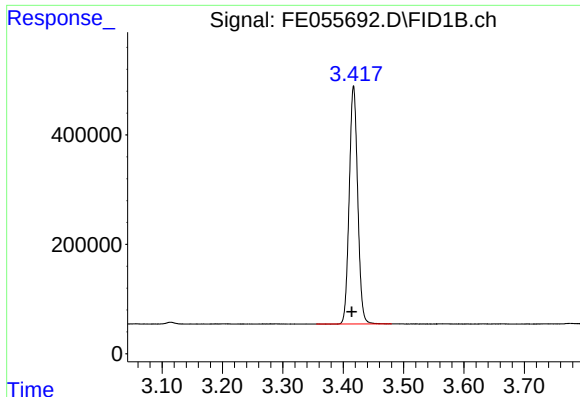
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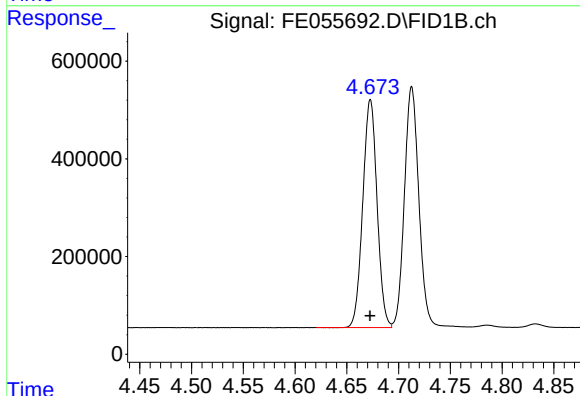
#1 n-Nonane (C9)

R.T.: 3.417 min
Delta R.T.: 0.003 min
Response: 4229875
Conc: 33.33 ug/ml

Instrument :
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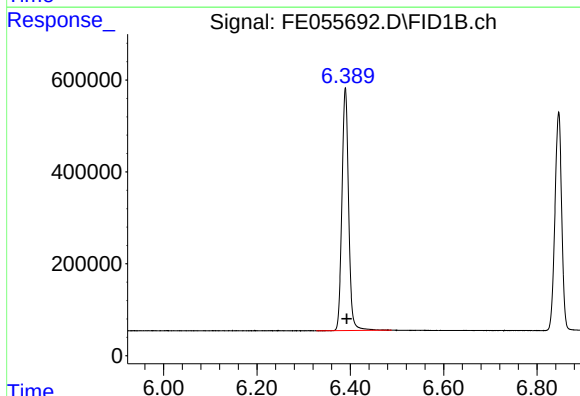
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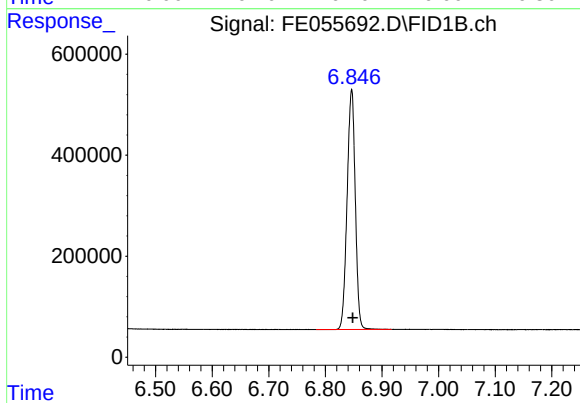
#2 n-Decane (C10)

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 4481622
Conc: 34.99 ug/ml



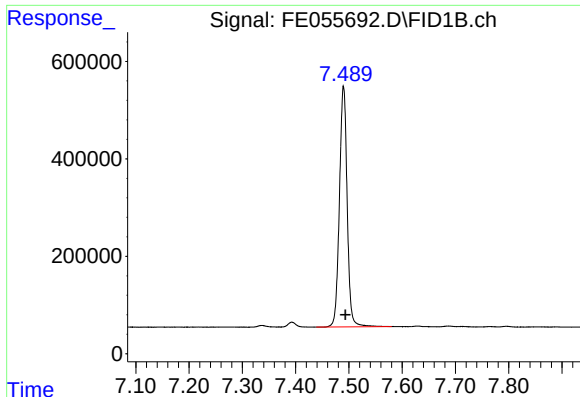
#3 A~Naphthalene (C11.7)

R.T.: 6.389 min
Delta R.T.: -0.003 min
Response: 5243018
Conc: 36.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.846 min
Delta R.T.: -0.002 min
Response: 4766510
Conc: 36.61 ug/ml



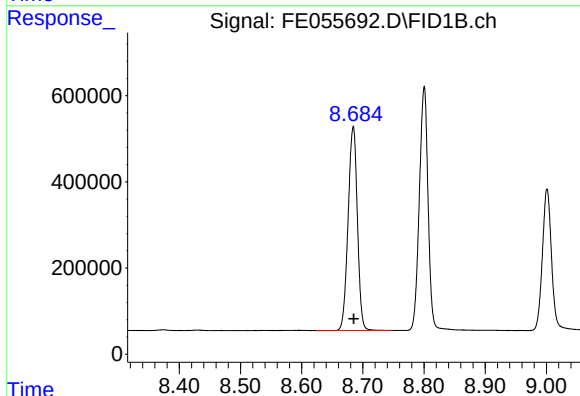
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 4982952
Conc: 35.43 ug/ml

Instrument :
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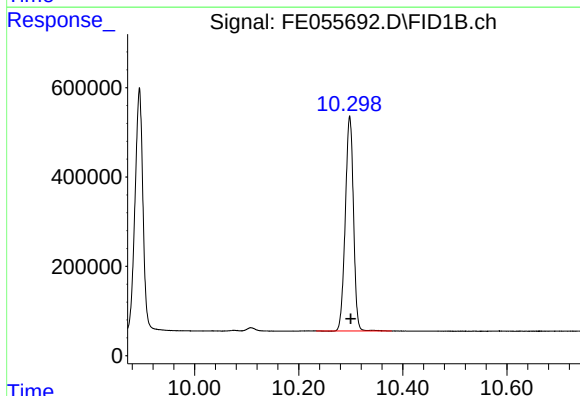
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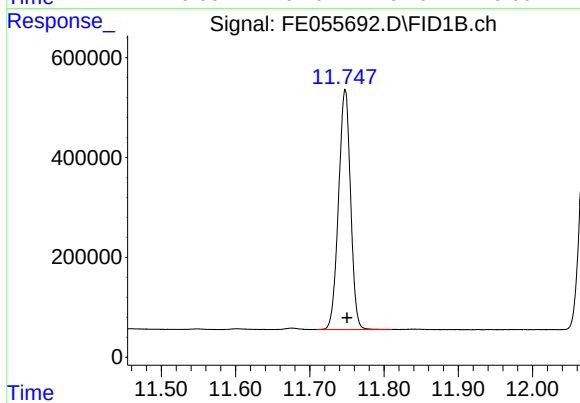
#6 n-Tetradecane (C14)

R.T.: 8.684 min
Delta R.T.: -0.001 min
Response: 4981889
Conc: 37.83 ug/ml



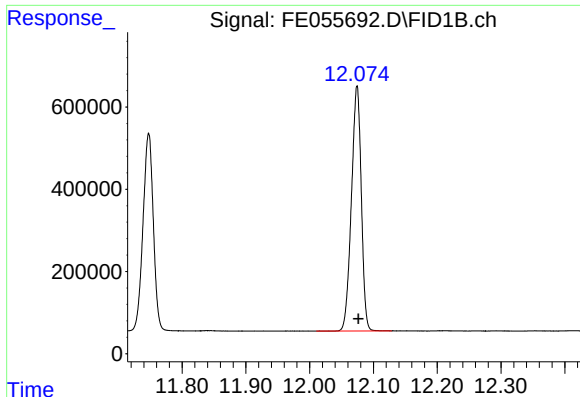
#7 n-Hexadecane (C16)

R.T.: 10.298 min
Delta R.T.: -0.002 min
Response: 5238725
Conc: 37.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.748 min
Delta R.T.: -0.003 min
Response: 5397588
Conc: 37.01 ug/ml



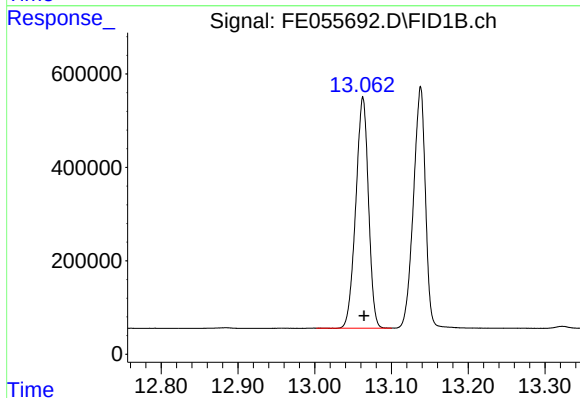
#9 ortho-Terphenyl (SURR)

R.T.: 12.074 min
Delta R.T.: -0.003 min
Response: 6403691
Conc: 38.98 ug/ml

Instrument :
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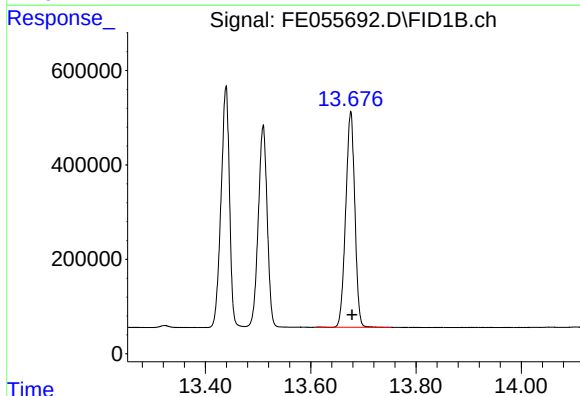
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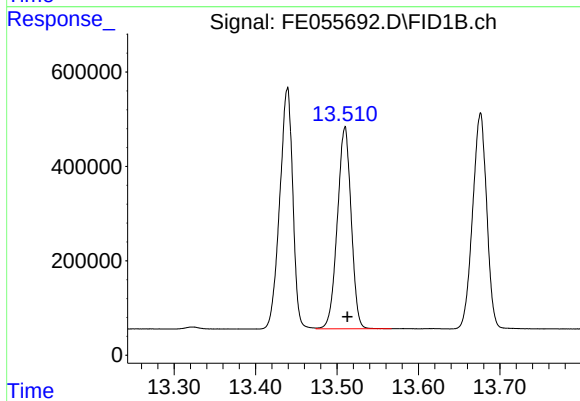
#10 n-Eicosane (C20)

R.T.: 13.063 min
Delta R.T.: -0.002 min
Response: 5684207
Conc: 39.49 ug/ml



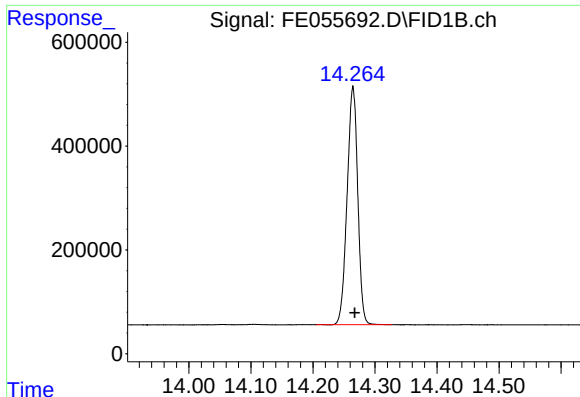
#11 n-Heneicosane (C21)

R.T.: 13.676 min
Delta R.T.: -0.003 min
Response: 5490232
Conc: 38.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.510 min
Delta R.T.: -0.003 min
Response: 5041256
Conc: 40.32 ug/ml



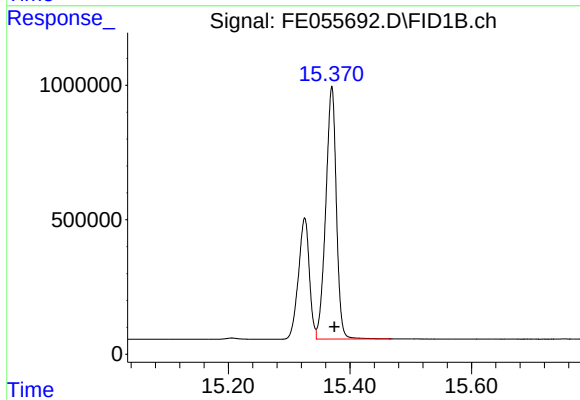
#13 n-Docosane (C22)

R.T.: 14.265 min
Delta R.T.: -0.003 min
Response: 5466198
Conc: 38.19 ug/ml

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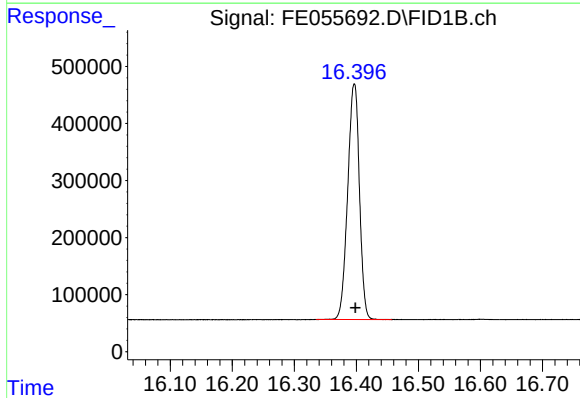
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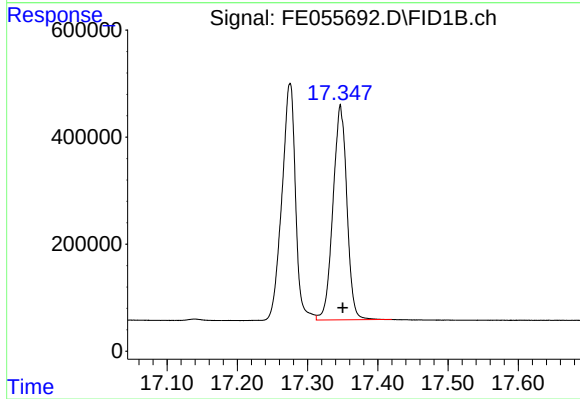
#14 n-Tetracosane (C24)

R.T.: 15.370 min
Delta R.T.: -0.005 min
Response: 11379420
Conc: 78.64 ug/ml



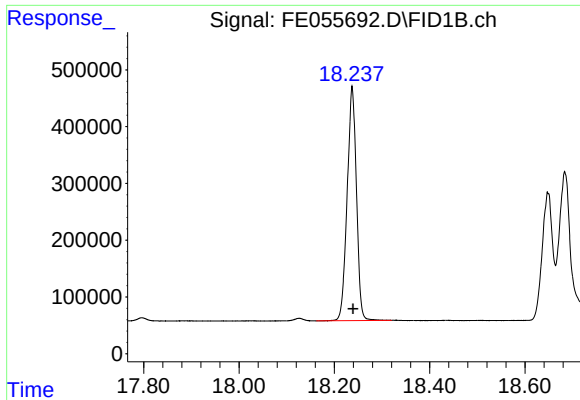
#15 n-Hexacosane (C26)

R.T.: 16.397 min
Delta R.T.: -0.002 min
Response: 5430239
Conc: 38.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.347 min
Delta R.T.: -0.004 min
Response: 5522868
Conc: 38.83 ug/ml m



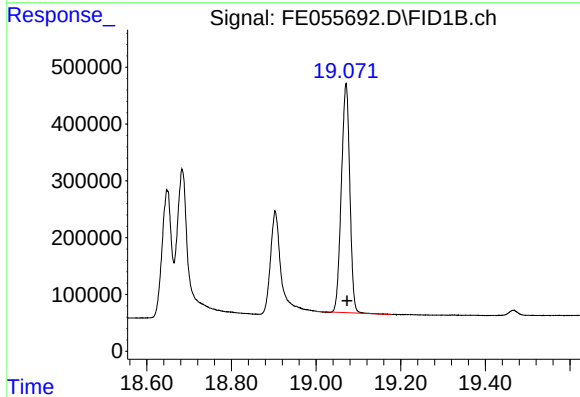
#17 n-Tricontane (C30)

R.T.: 18.238 min
Delta R.T.: -0.002 min
Response: 5559369
Conc: 37.61 ug/ml

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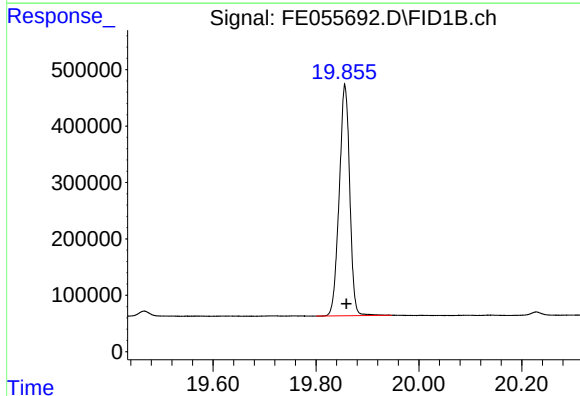
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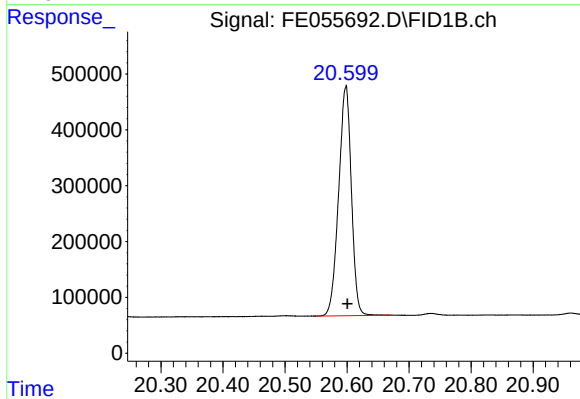
#18 n-Dotriacontane (C32)

R.T.: 19.071 min
Delta R.T.: -0.003 min
Response: 5567280
Conc: 37.93 ug/ml



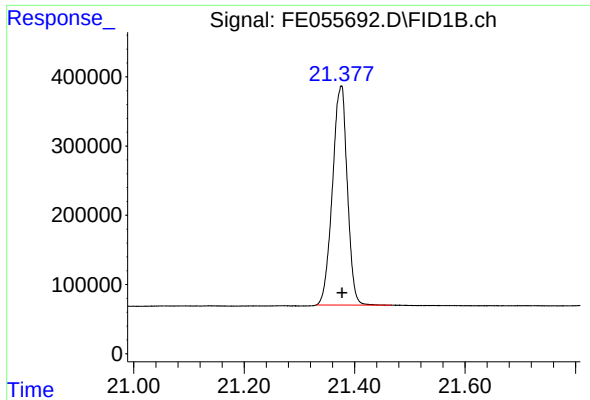
#19 n-Tetratriacontane (C34)

R.T.: 19.856 min
Delta R.T.: -0.003 min
Response: 5808629
Conc: 41.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.598 min
Delta R.T.: -0.003 min
Response: 5857996
Conc: 44.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.375 min
Delta R.T.: -0.002 min
Response: 5916737
Conc: 45.43 ug/ml

Instrument :

FID_E

ClientSampleId :

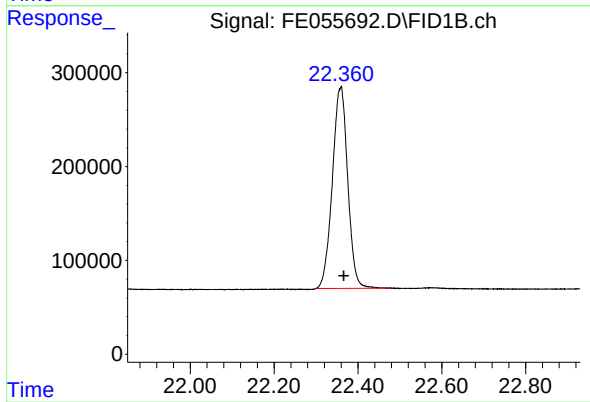
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#22 n-Tetracontane (C40)

R.T.: 22.359 min
Delta R.T.: -0.007 min
Response: 5469316
Conc: 42.65 ug/ml