

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055662.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 14:28
 Operator : YP\AJ
 Sample : PB169545BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB169545BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/05/2025
 Supervised By :mohammad ahmed 09/08/2025

Integration File: autoint1.e
 Quant Time: Sep 05 01:25:22 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)	12.075	5474709	33.325 ug/ml
Spiked Amount 50.000		Recovery =	66.65%
12) S 1-chlorooctadecane (S...	13.512	4252157	34.005 ug/ml
Spiked Amount 50.000		Recovery =	68.01%
Target Compounds			
1) T n-Nonane (C9)	3.420	4142183	32.641 ug/ml
2) T n-Decane (C10)	4.674	4350958	33.966 ug/ml
3) T A~Naphthalene (C11.7)	6.391	4950925	34.077 ug/ml
4) T n-Dodecane (C12)	6.847	4525783	34.757 ug/ml
5) T A~2-methylnaphthalene...	7.490	4548953	32.342 ug/ml
6) T n-Tetradecane (C14)	8.684	4683916	35.567 ug/ml
7) T n-Hexadecane (C16)	10.299	4912369	35.469 ug/ml
8) T n-Octadecane (C18)	11.748	4947215	33.917 ug/ml
10) T n-Eicosane (C20)	13.064	5060863	35.158 ug/ml
11) T n-Heneicosane (C21)	13.678	4814389	33.704 ug/ml
13) T n-Docosane (C22)	14.266	4740089	33.114 ug/ml
14) T n-Tetracosane (C24)	15.371	9790734	67.663 ug/ml
15) T n-Hexacosane (C26)	16.398	4613862	32.296 ug/ml
16) T n-Octacosane (C28)	17.349	4713216	33.136 ug/mlm
17) T n-Tricontane (C30)	18.240	4796794	32.450 ug/ml
18) T n-Dotriacontane (C32)	19.073	4851905	33.057 ug/ml
19) T n-Tetratriacontane (C34)	19.857	5022942	35.552 ug/mlm
20) T n-Hexatriacontane (C36)	20.600	5009614	37.964 ug/ml
21) T n-Octatriacontane (C38)	21.378	5126672	39.363 ug/ml
22) T n-Tetracontane (C40)	22.363	4843426	37.768 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB169545BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

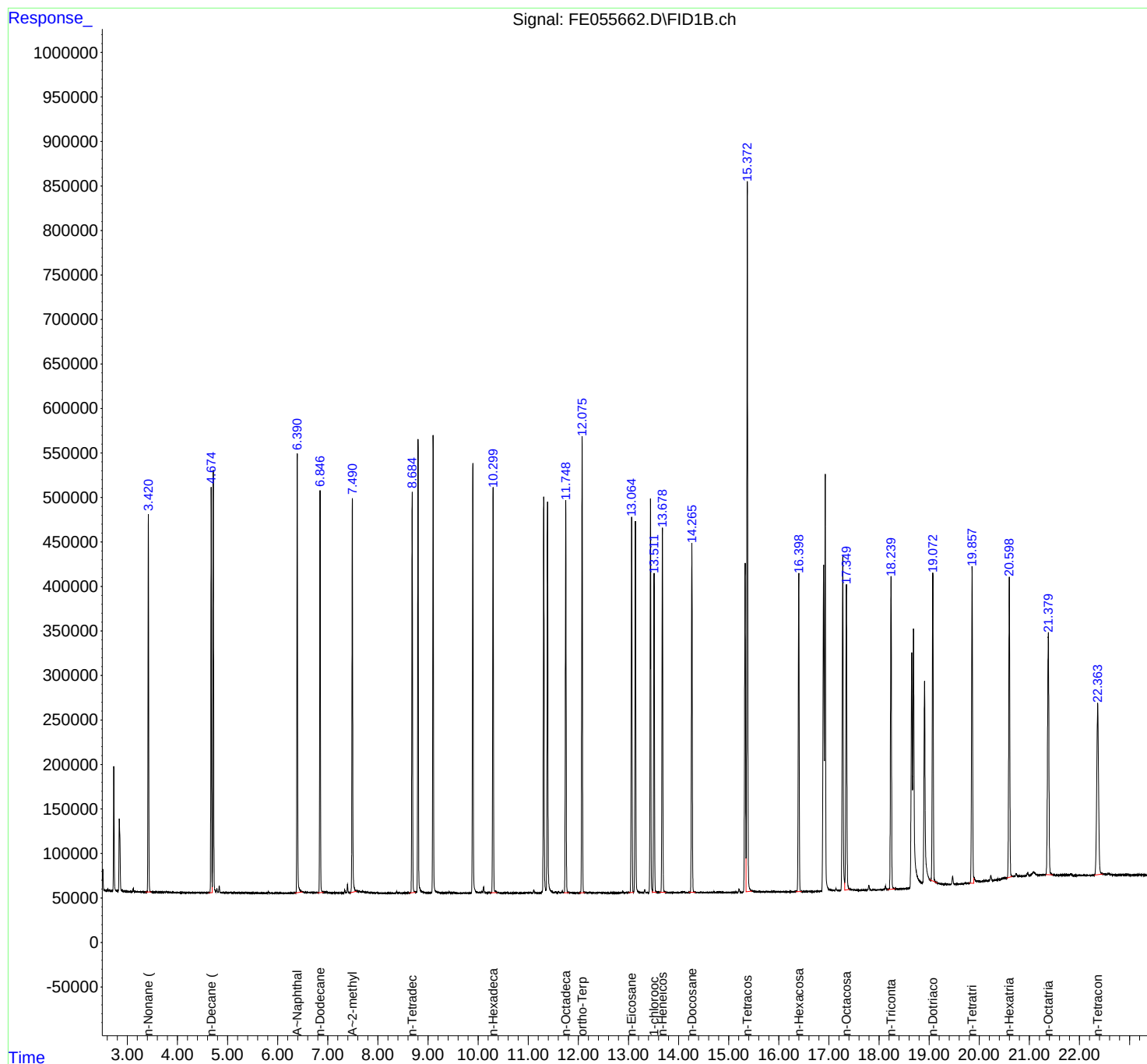
Instrument :
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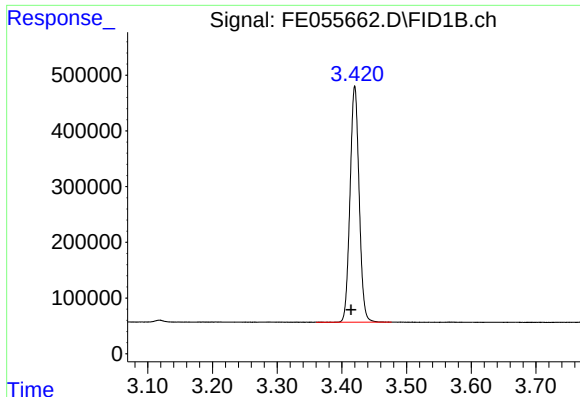
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.420 min
Delta R.T.: 0.006 min
Response: 4142183
Conc: 32.64 ug/ml

Instrument :

FID_E

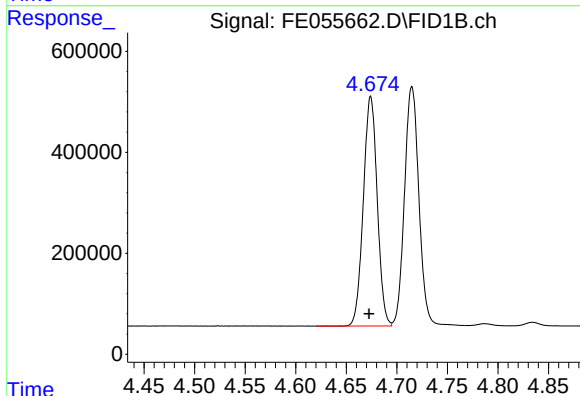
ClientSampleId :

PB169545BSD

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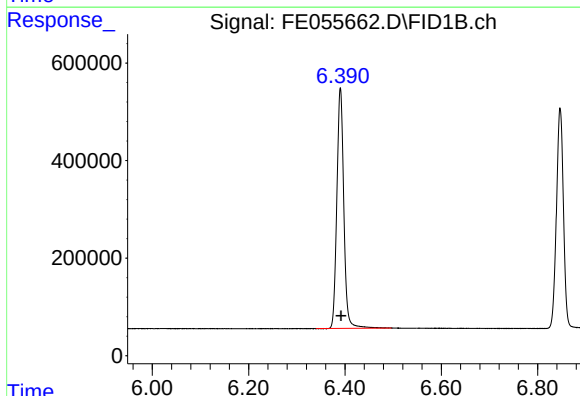
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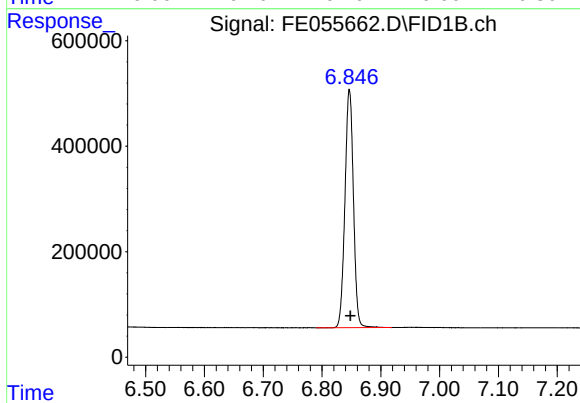
#2 n-Decane (C10)

R.T.: 4.674 min
Delta R.T.: 0.002 min
Response: 4350958
Conc: 33.97 ug/ml



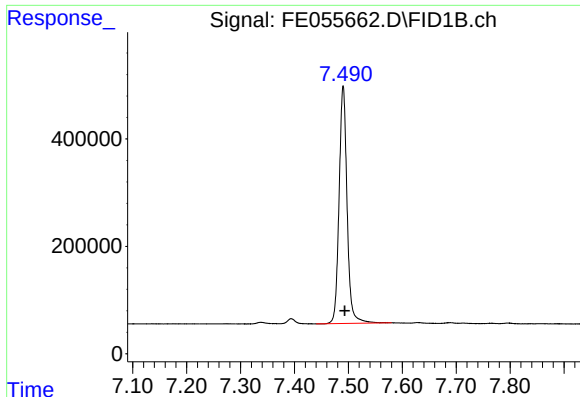
#3 A~Naphthalene (C11.7)

R.T.: 6.391 min
Delta R.T.: -0.002 min
Response: 4950925
Conc: 34.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 4525783
Conc: 34.76 ug/ml



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

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 4548953
Conc: 32.34 ug/ml

Instrument :

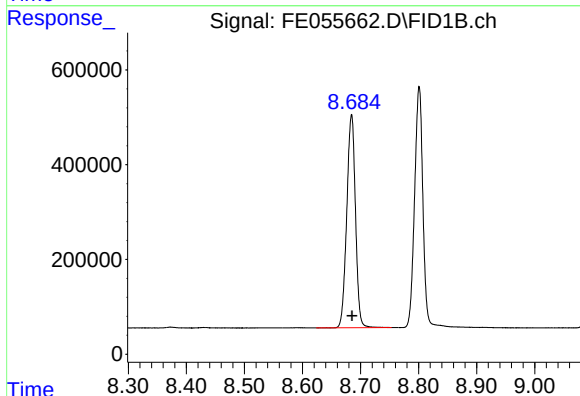
FID_E

ClientSampleId :

PB169545BSD

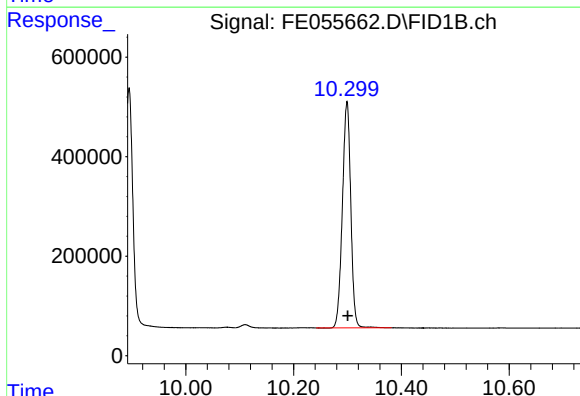
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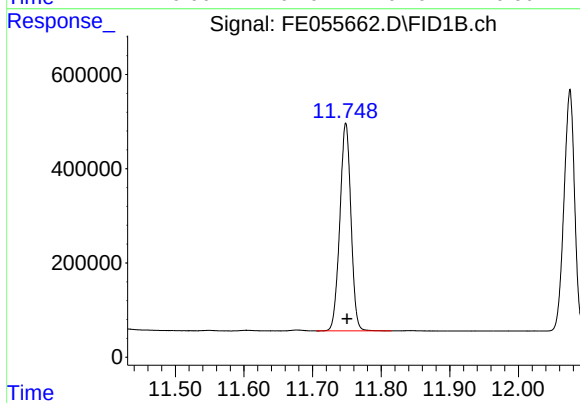
#6 n-Tetradecane (C14)

R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 4683916
Conc: 35.57 ug/ml



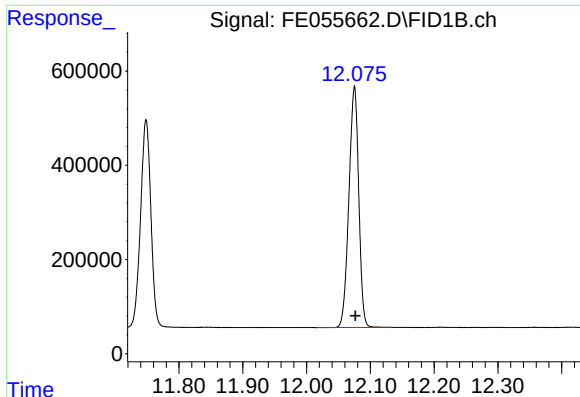
#7 n-Hexadecane (C16)

R.T.: 10.299 min
Delta R.T.: -0.001 min
Response: 4912369
Conc: 35.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.748 min
Delta R.T.: -0.002 min
Response: 4947215
Conc: 33.92 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.075 min
Delta R.T.: -0.002 min
Response: 5474709
Conc: 33.32 ug/ml

Instrument :

FID_E

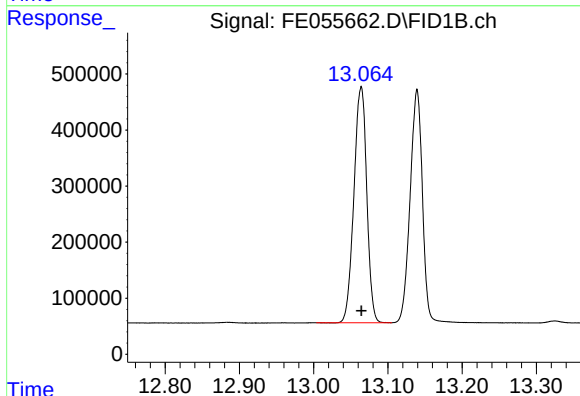
ClientSampleId :

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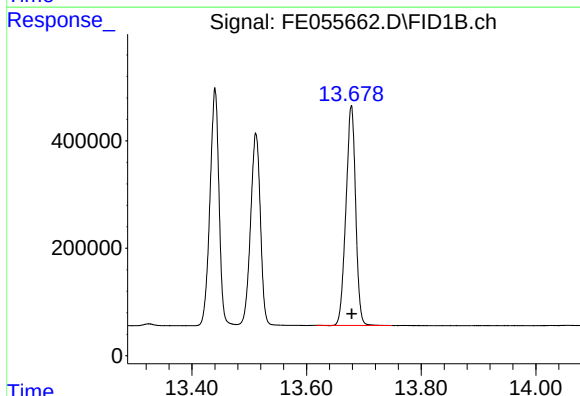
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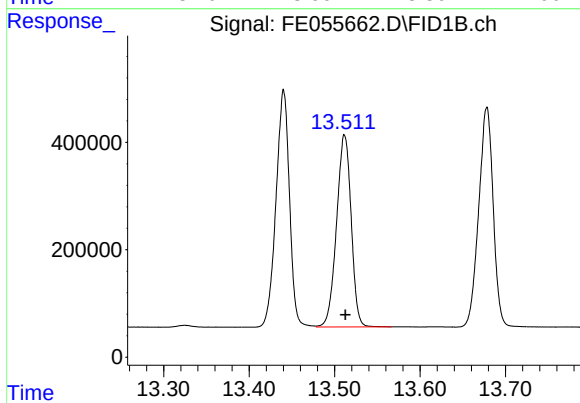
#10 n-Eicosane (C20)

R.T.: 13.064 min
Delta R.T.: 0.000 min
Response: 5060863
Conc: 35.16 ug/ml



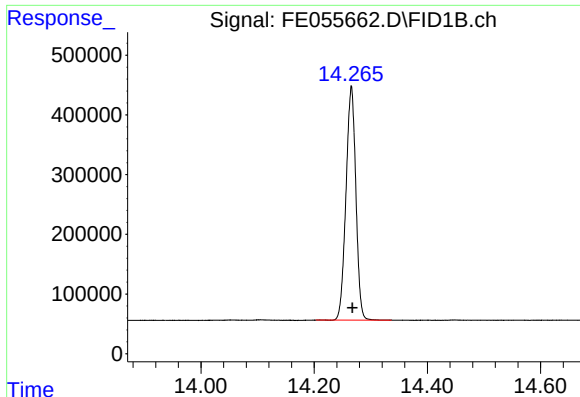
#11 n-Heneicosane (C21)

R.T.: 13.678 min
Delta R.T.: 0.000 min
Response: 4814389
Conc: 33.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: -0.001 min
Response: 4252157
Conc: 34.01 ug/ml



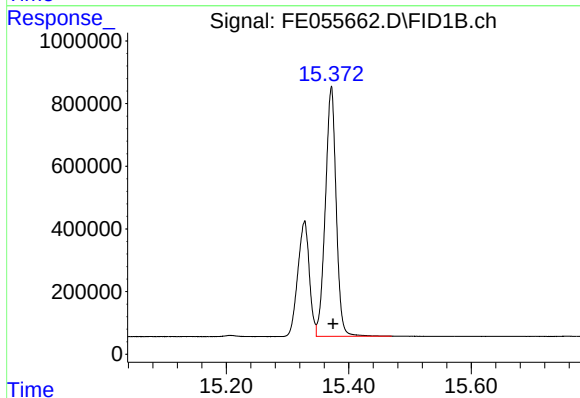
#13 n-Docosane (C22)

R.T.: 14.266 min
Delta R.T.: -0.002 min
Response: 4740089
Conc: 33.11 ug/ml

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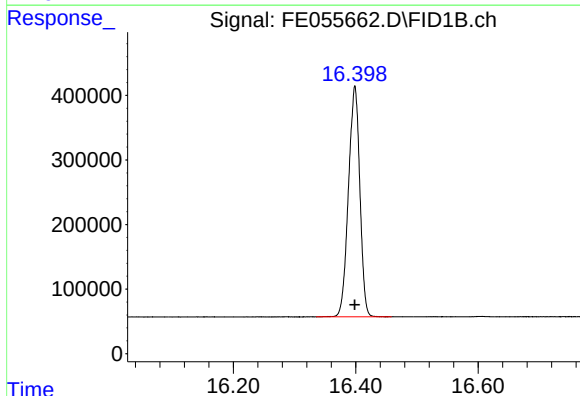
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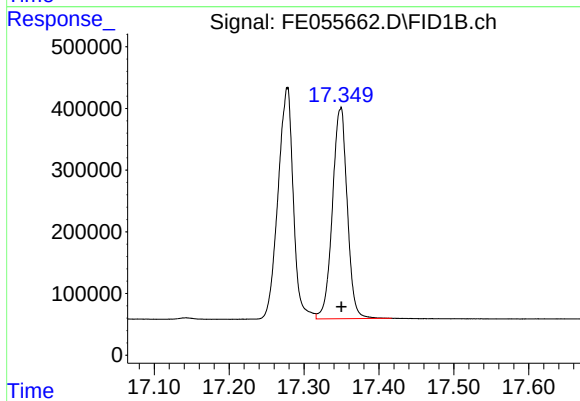
#14 n-Tetracosane (C24)

R.T.: 15.371 min
Delta R.T.: -0.003 min
Response: 9790734
Conc: 67.66 ug/ml



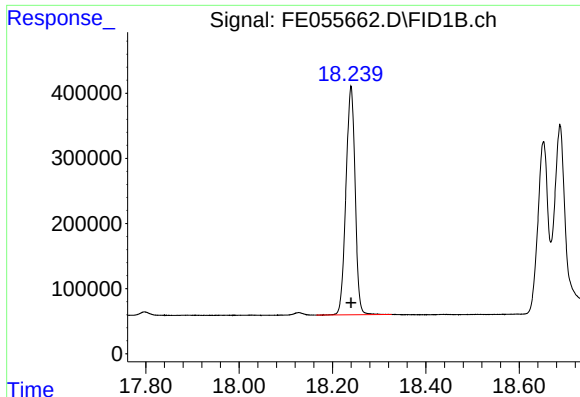
#15 n-Hexacosane (C26)

R.T.: 16.398 min
Delta R.T.: 0.000 min
Response: 4613862
Conc: 32.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.349 min
Delta R.T.: 0.000 min
Response: 4713216
Conc: 33.14 ug/ml m



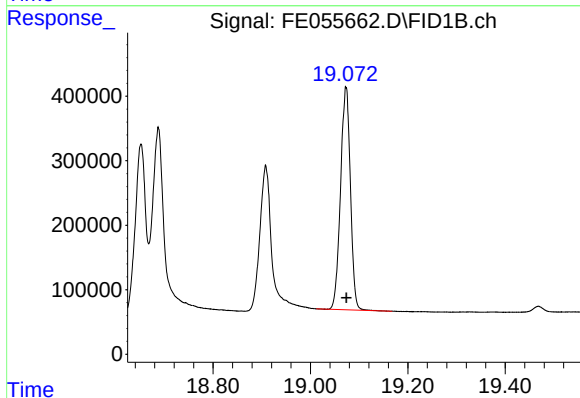
#17 n-Tricontane (C30)

R.T.: 18.240 min
Delta R.T.: 0.000 min
Response: 4796794
Conc: 32.45 ug/ml

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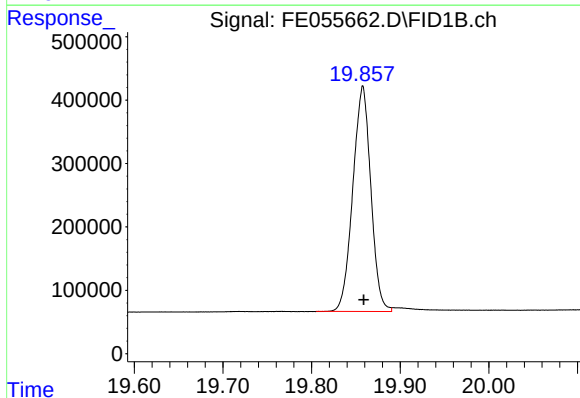
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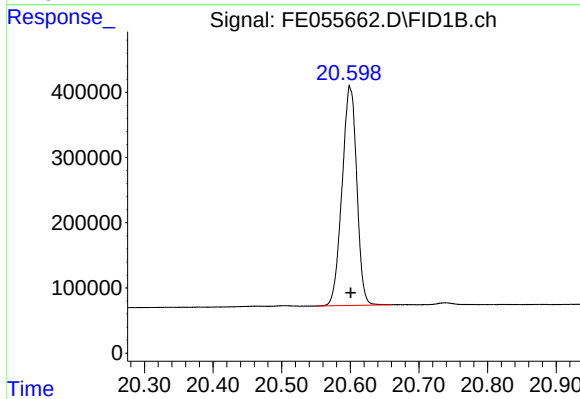
#18 n-Dotriacontane (C32)

R.T.: 19.073 min
Delta R.T.: 0.000 min
Response: 4851905
Conc: 33.06 ug/ml



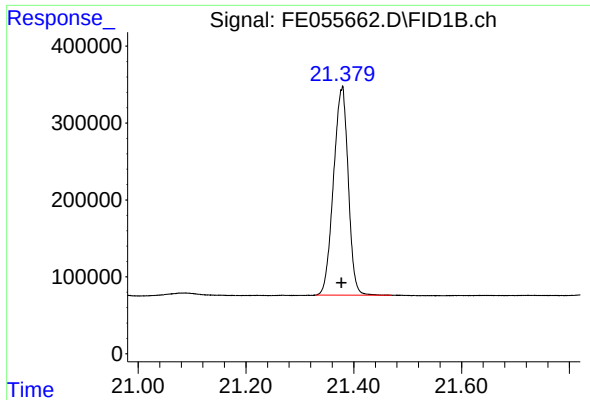
#19 n-Tetratriacontane (C34)

R.T.: 19.857 min
Delta R.T.: -0.002 min
Response: 5022942
Conc: 35.55 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.600 min
Delta R.T.: 0.000 min
Response: 5009614
Conc: 37.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.378 min
Delta R.T.: 0.000 min
Response: 5126672
Conc: 39.36 ug/ml

Instrument :

FID_E

ClientSampleId :

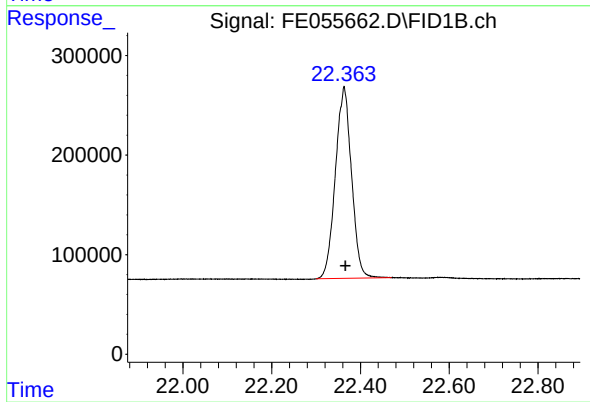
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#22 n-Tetracontane (C40)

R.T.: 22.363 min
Delta R.T.: -0.003 min
Response: 4843426
Conc: 37.77 ug/ml