

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071525AL\
 Data File : FE054853.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jul 2025 16:24
 Operator : YP\AJ
 Sample : PB168855BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB168855BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2025
 Supervised By :mohammad ahmed 07/17/2025

Integration File: sample.E
 Quant Time: Jul 16 04:06:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.086	5753177	35.427 ug/ml
Spiked Amount 50.000		Recovery =	70.85%
12) S 1-chlorooctadecane (S...	13.521	4510992	35.718 ug/ml
Spiked Amount 50.000		Recovery =	71.44%
Target Compounds			
1) T n-Nonane (C9)	3.431	4182030	31.091 ug/ml
2) T n-Decane (C10)	4.686	4404118	32.277 ug/ml
3) T A~Naphthalene (C11.7)	6.402	5645412	37.285 ug/ml
4) T n-Dodecane (C12)	6.859	4702008	34.269 ug/ml
5) T A~2-methylnaphthalene...	7.503	5496514	37.390 ug/ml
6) T n-Tetradecane (C14)	8.697	5175706	37.336 ug/ml
7) T n-Hexadecane (C16)	10.310	5447464	38.225 ug/ml
8) T n-Octadecane (C18)	11.759	5419050	36.976 ug/ml
10) T n-Eicosane (C20)	13.074	5502103	38.264 ug/ml
11) T n-Heneicosane (C21)	13.687	5247021	36.735 ug/ml
13) T n-Docosane (C22)	14.276	5173755	36.234 ug/ml
14) T n-Tetracosane (C24)	15.381	10968194	75.453 ug/ml
15) T n-Hexacosane (C26)	16.407	5006046	34.592 ug/ml
16) T n-Octacosane (C28)	17.358	4937052	33.876 ug/ml
17) T n-Tricontane (C30)	18.248	5039233	31.978 ug/ml
18) T n-Dotriacontane (C32)	19.081	5107132	31.567 ug/ml
19) T n-Tetratriacontane (C34)	19.868	5540383	36.356 ug/mlm
20) T n-Hexatriacontane (C36)	20.608	5573084	41.449 ug/ml
21) T n-Octatriacontane (C38)	21.389	5993414	51.102 ug/mlm
22) T n-Tetracontane (C40)	22.383	6093853	56.224 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

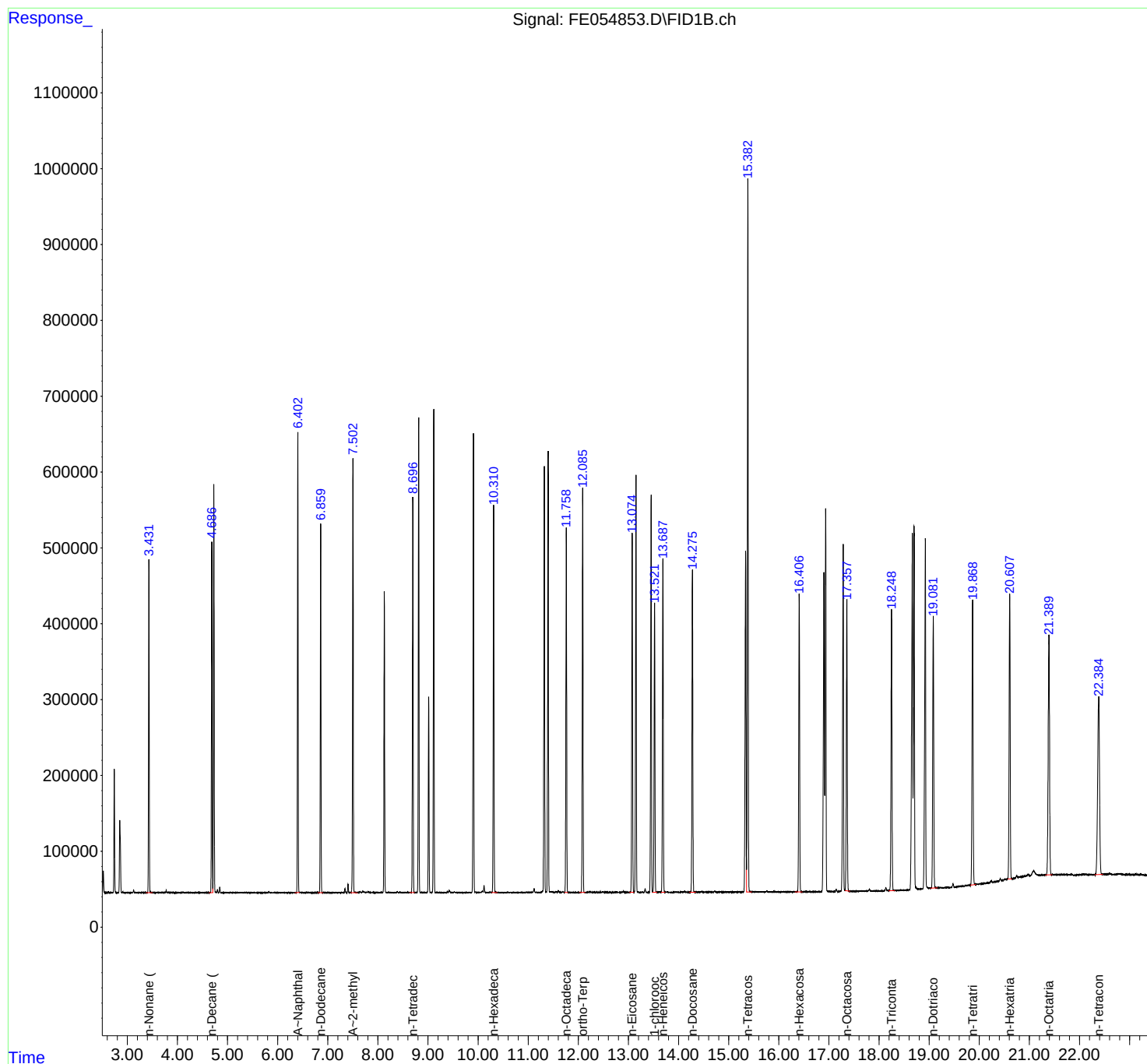
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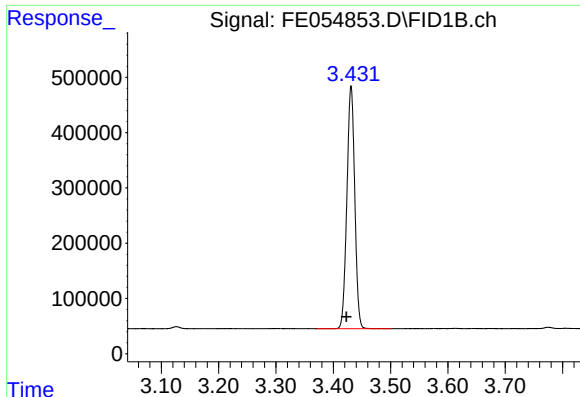
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#1 n-Nonane (C9)

R.T.: 3.431 min
Delta R.T.: 0.008 min
Response: 4182030
Conc: 31.09 ug/ml

Instrument :

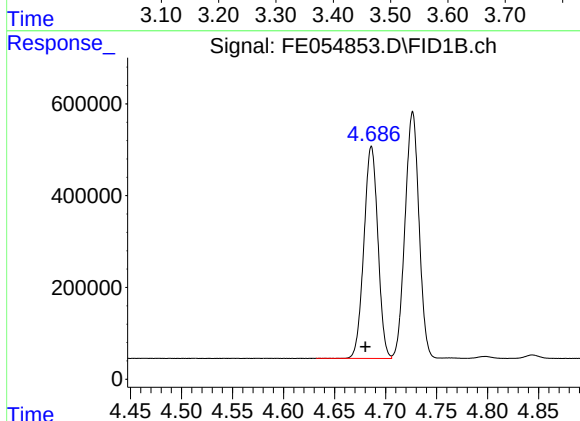
FID_E

ClientSampleId :

PB168855BSD

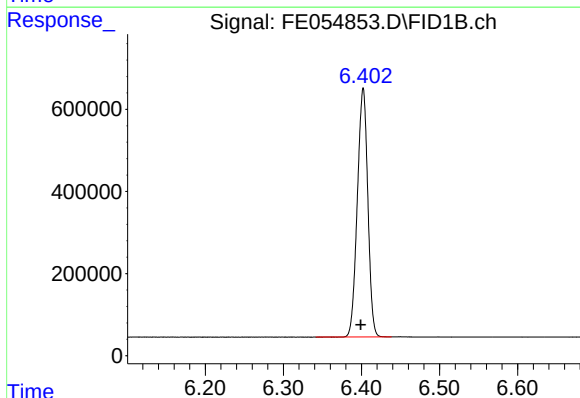
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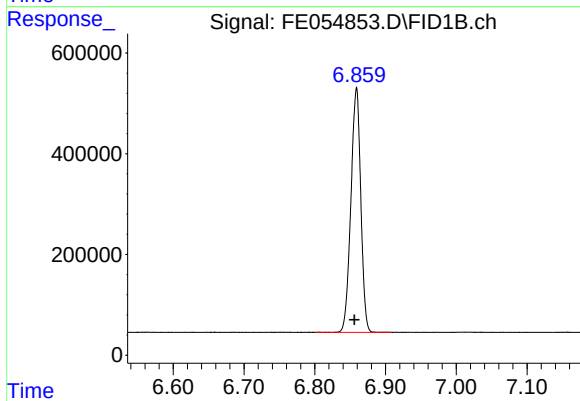
#2 n-Decane (C10)

R.T.: 4.686 min
Delta R.T.: 0.006 min
Response: 4404118
Conc: 32.28 ug/ml



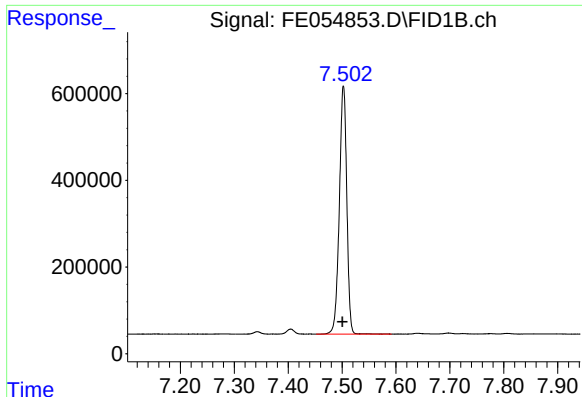
#3 A~Naphthalene (C11.7)

R.T.: 6.402 min
Delta R.T.: 0.003 min
Response: 5645412
Conc: 37.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.859 min
Delta R.T.: 0.003 min
Response: 4702008
Conc: 34.27 ug/ml



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

R.T.: 7.503 min
Delta R.T.: 0.002 min
Response: 5496514
Conc: 37.39 ug/ml

Instrument :

FID_E

ClientSampleId :

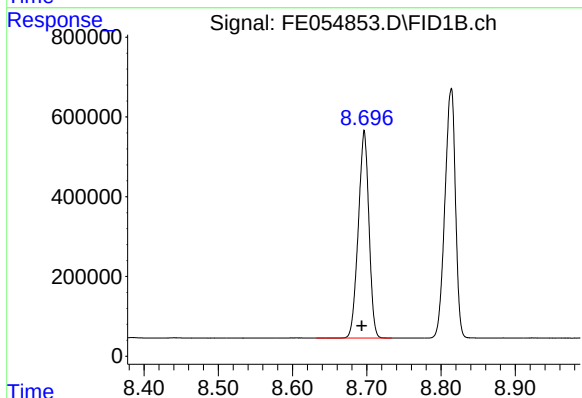
PB168855BSD

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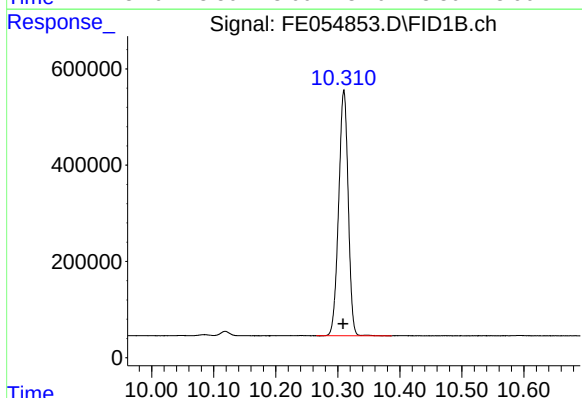
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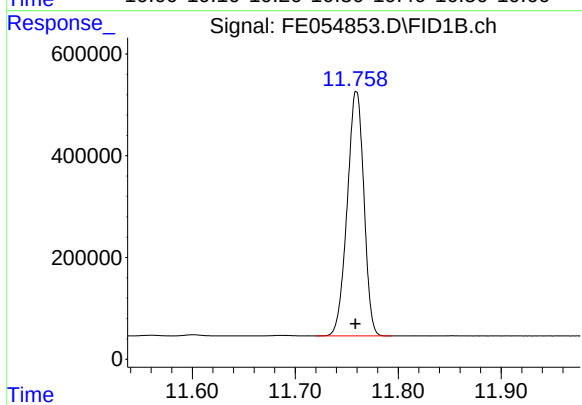
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.003 min
Response: 5175706
Conc: 37.34 ug/ml



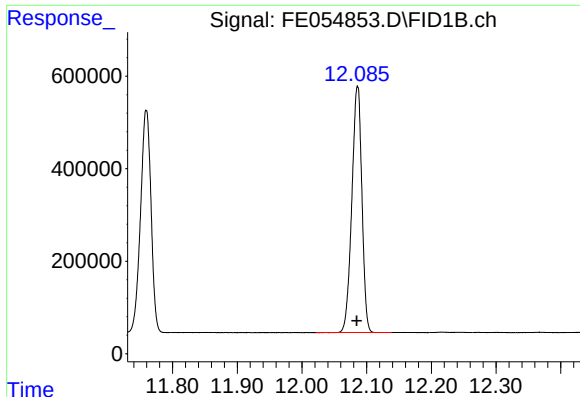
#7 n-Hexadecane (C16)

R.T.: 10.310 min
Delta R.T.: 0.001 min
Response: 5447464
Conc: 38.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.759 min
Delta R.T.: 0.000 min
Response: 5419050
Conc: 36.98 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.086 min
Delta R.T.: 0.001 min
Response: 5753177
Conc: 35.43 ug/ml

Instrument :

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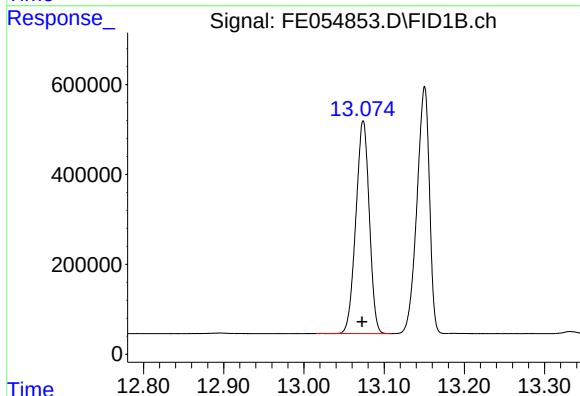
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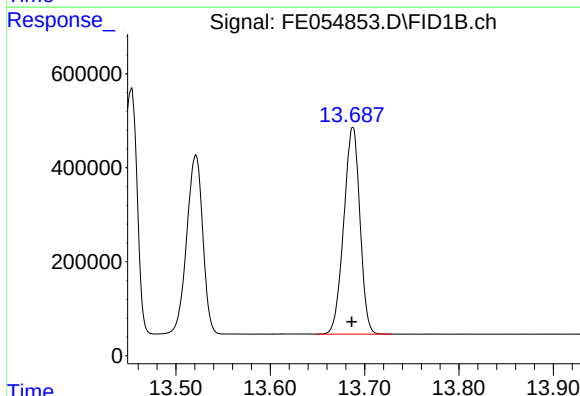
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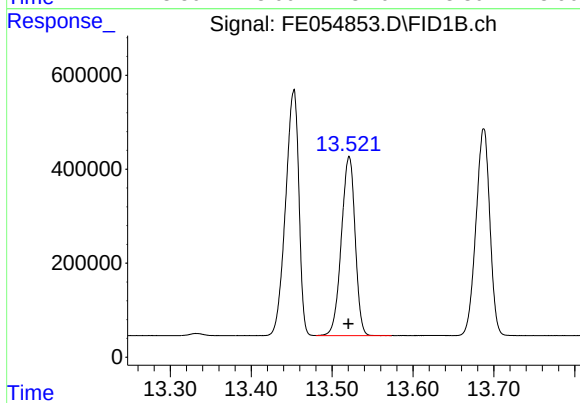
#10 n-Eicosane (C20)

R.T.: 13.074 min
Delta R.T.: 0.001 min
Response: 5502103
Conc: 38.26 ug/ml



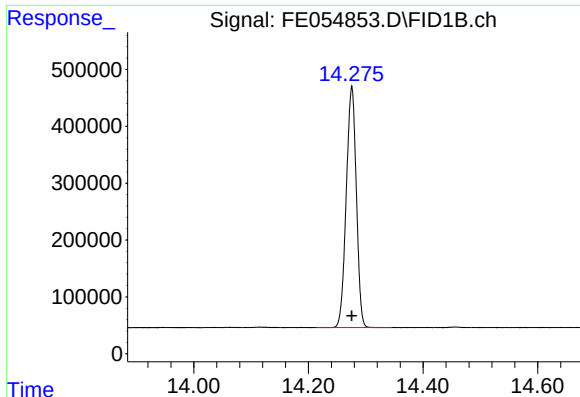
#11 n-Heneicosane (C21)

R.T.: 13.687 min
Delta R.T.: 0.001 min
Response: 5247021
Conc: 36.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 4510992
Conc: 35.72 ug/ml



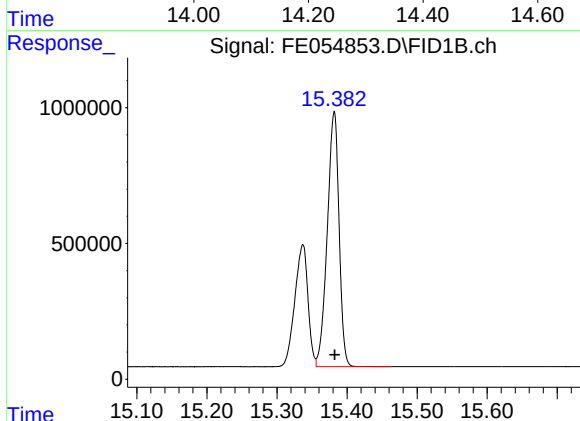
#13 n-Docosane (C22)

R.T.: 14.276 min
Delta R.T.: 0.000 min
Response: 5173755
Conc: 36.23 ug/ml

Instrument :
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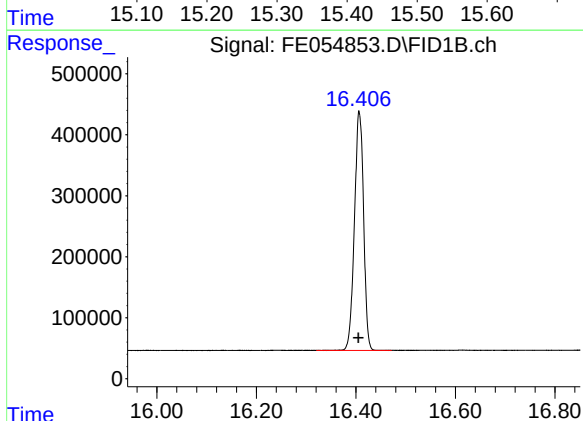
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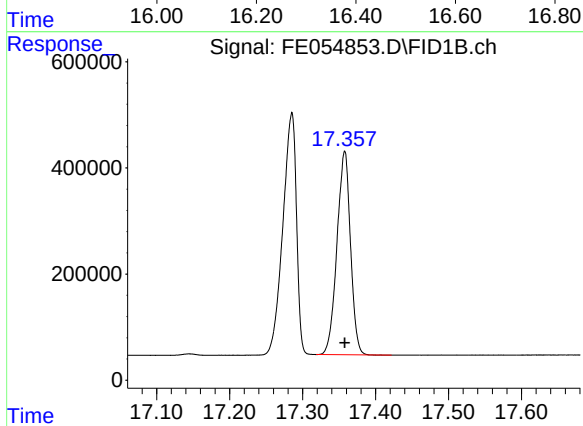
#14 n-Tetracosane (C24)

R.T.: 15.381 min
Delta R.T.: 0.000 min
Response: 10968194
Conc: 75.45 ug/ml



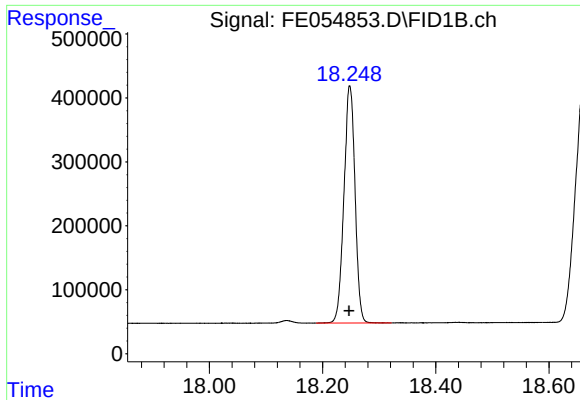
#15 n-Hexacosane (C26)

R.T.: 16.407 min
Delta R.T.: 0.002 min
Response: 5006046
Conc: 34.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.358 min
Delta R.T.: 0.000 min
Response: 4937052
Conc: 33.88 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.248 min
Delta R.T.: 0.002 min
Response: 5039233
Conc: 31.98 ug/ml

Instrument :

FID_E

ClientSampleId :

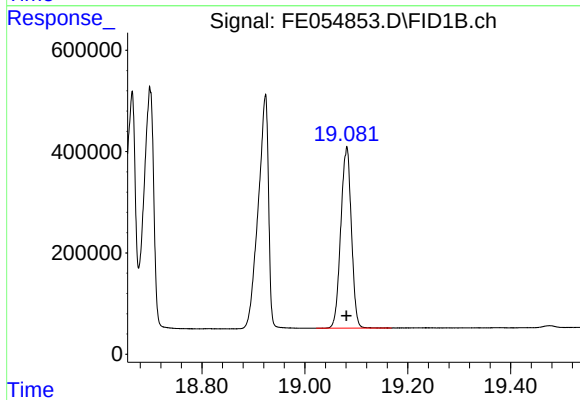
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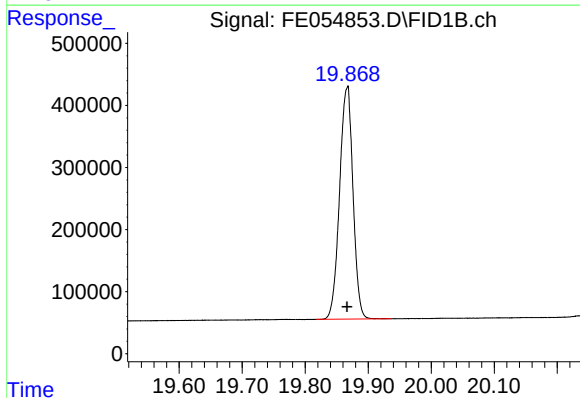
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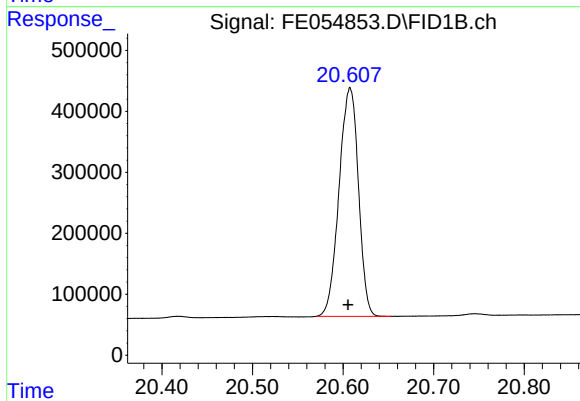
#18 n-Dotriacontane (C32)

R.T.: 19.081 min
Delta R.T.: 0.000 min
Response: 5107132
Conc: 31.57 ug/ml



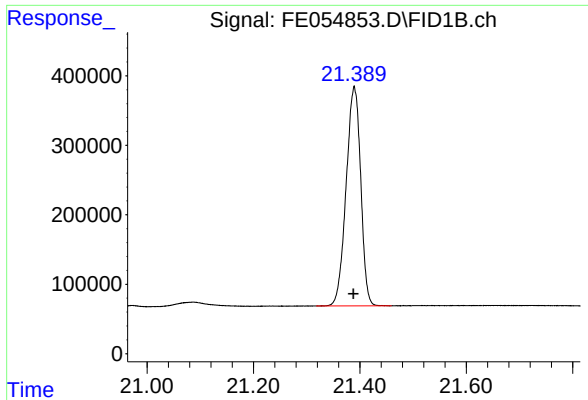
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min
Delta R.T.: 0.002 min
Response: 5540383
Conc: 36.36 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.608 min
Delta R.T.: 0.002 min
Response: 5573084
Conc: 41.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.389 min
Delta R.T.: 0.001 min
Response: 5993414
Conc: 51.10 ug/ml

Instrument :

FID_E

ClientSampleId :

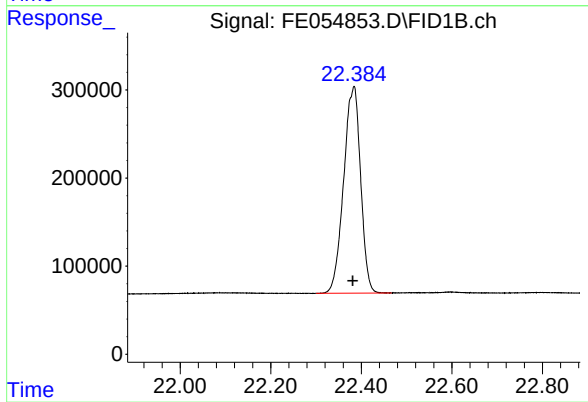
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#22 n-Tetracontane (C40)

R.T.: 22.383 min
Delta R.T.: 0.003 min
Response: 6093853
Conc: 56.22 ug/ml