

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071625AL\
 Data File : FE054876.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jul 2025 15:44
 Operator : YP\AJ
 Sample : PB168876BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB168876BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2025
 Supervised By :mohammad ahmed 07/18/2025

Integration File: autoint1.e
 Quant Time: Jul 17 05:30:09 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	6040447	37.196 ug/ml
Spiked Amount 50.000		Recovery =	74.39%
12) S 1-chlorooctadecane (S...	13.521	4741668	37.545 ug/ml
Spiked Amount 50.000		Recovery =	75.09%
Target Compounds			
1) T n-Nonane (C9)	3.438	6331713	47.073 ug/ml
2) T n-Decane (C10)	4.690	6906917	50.619 ug/ml
3) T A~Naphthalene (C11.7)	6.404	8658479	57.185 ug/ml
4) T n-Dodecane (C12)	6.860	7243932	52.796 ug/ml
5) T A~2-methylnaphthalene...	7.504	8089303	55.028 ug/ml
6) T n-Tetradecane (C14)	8.698	7303074	52.682 ug/ml
7) T n-Hexadecane (C16)	10.311	7325636	51.404 ug/ml
8) T n-Octadecane (C18)	11.761	7164091	48.883 ug/ml
10) T n-Eicosane (C20)	13.075	7229100	50.274 ug/ml
11) T n-Heneicosane (C21)	13.689	6881967	48.182 ug/ml
13) T n-Docosane (C22)	14.277	6781161	47.491 ug/ml
14) T n-Tetracosane (C24)	15.384	14409612	99.127 ug/ml
15) T n-Hexacosane (C26)	16.409	6576664	45.446 ug/ml
16) T n-Octacosane (C28)	17.358	6492868	44.552 ug/ml
17) T n-Tricontane (C30)	18.251	6633078	42.092 ug/ml
18) T n-Dotriacontane (C32)	19.082	6737250	41.643 ug/ml
19) T n-Tetratriacontane (C34)	19.867	7317092	48.015 ug/mlm
20) T n-Hexatriacontane (C36)	20.608	7293364	54.244 ug/ml
21) T n-Octatriacontane (C38)	21.390	7809990	66.591 ug/ml
22) T n-Tetracontane (C40)	22.385	7934004	73.202 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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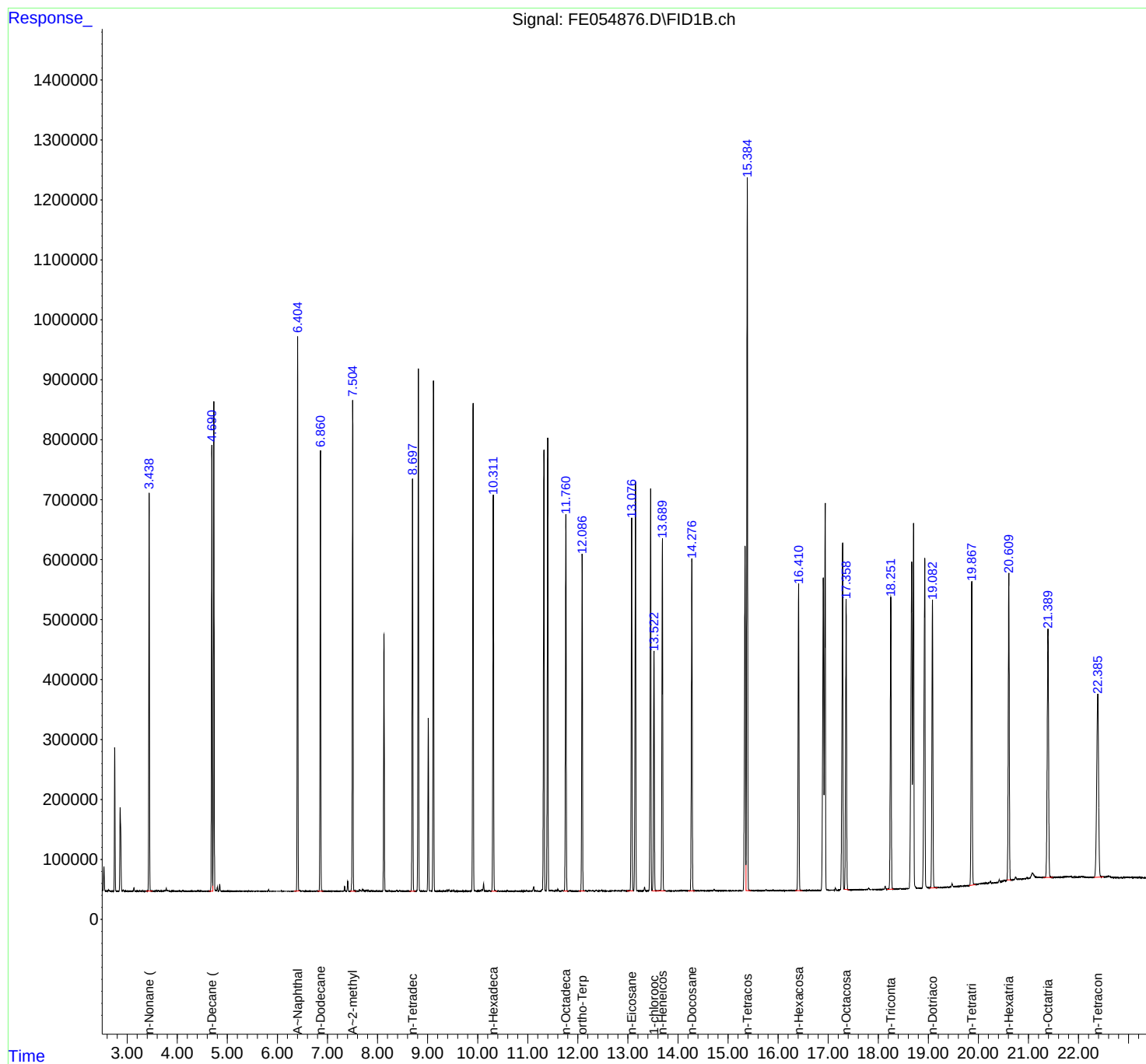
Instrument :
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PB168876BSD

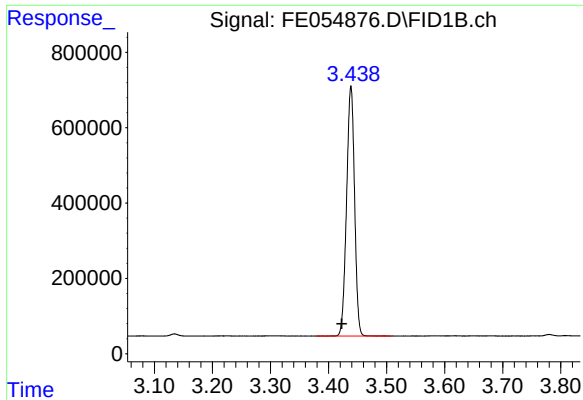
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#1 n-Nonane (C9)

R.T.: 3.438 min
Delta R.T.: 0.015 min
Response: 6331713
Conc: 47.07 ug/ml

Instrument :

FID_E

ClientSampleId :

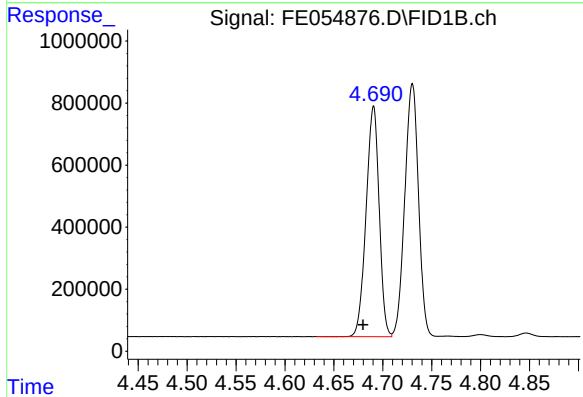
PB168876BSD

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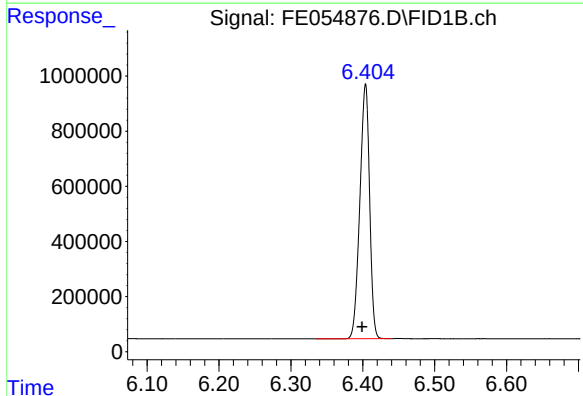
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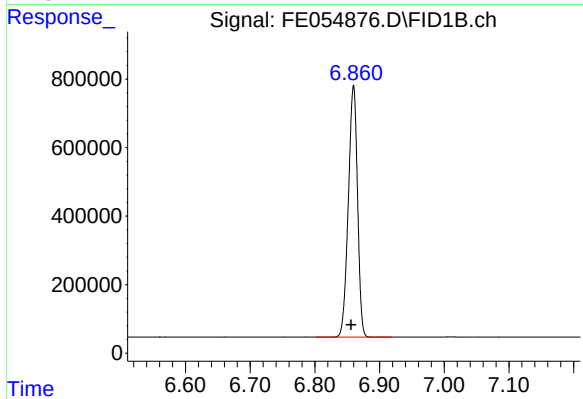
#2 n-Decane (C10)

R.T.: 4.690 min
Delta R.T.: 0.010 min
Response: 6906917
Conc: 50.62 ug/ml



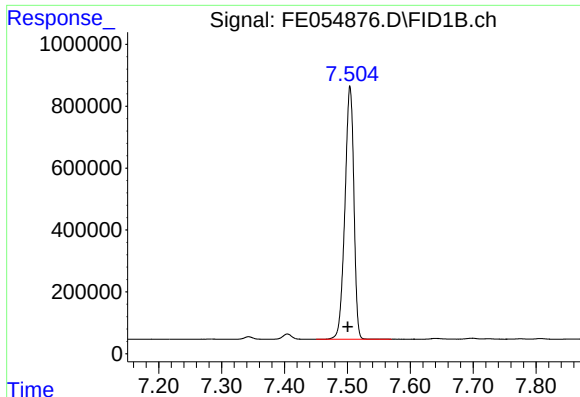
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.005 min
Response: 8658479
Conc: 57.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.860 min
Delta R.T.: 0.003 min
Response: 7243932
Conc: 52.80 ug/ml



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

R.T.: 7.504 min
Delta R.T.: 0.004 min
Response: 8089303
Conc: 55.03 ug/ml

Instrument :

FID_E

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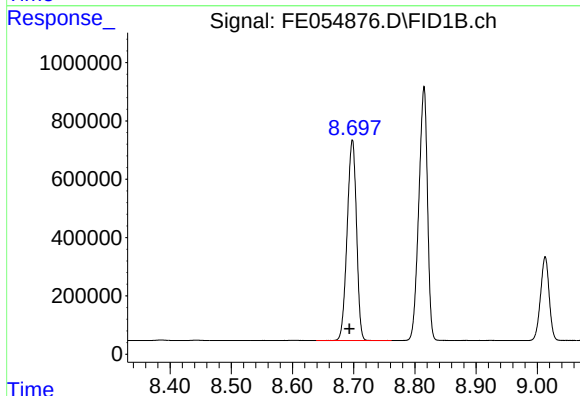
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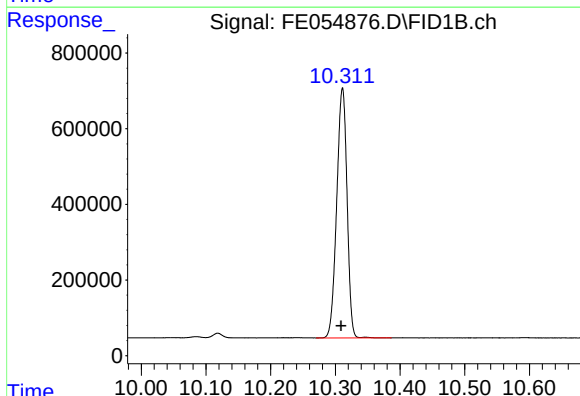
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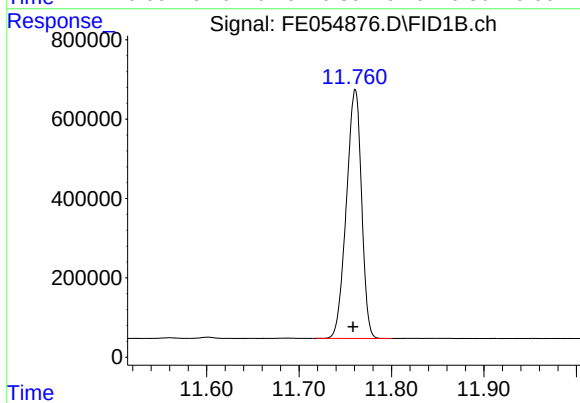
#6 n-Tetradecane (C14)

R.T.: 8.698 min
Delta R.T.: 0.004 min
Response: 7303074
Conc: 52.68 ug/ml



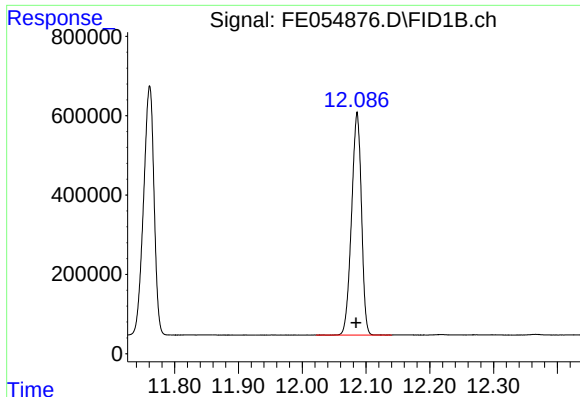
#7 n-Hexadecane (C16)

R.T.: 10.311 min
Delta R.T.: 0.002 min
Response: 7325636
Conc: 51.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.761 min
Delta R.T.: 0.002 min
Response: 7164091
Conc: 48.88 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.086 min
Delta R.T.: 0.001 min
Response: 6040447
Conc: 37.20 ug/ml

Instrument :

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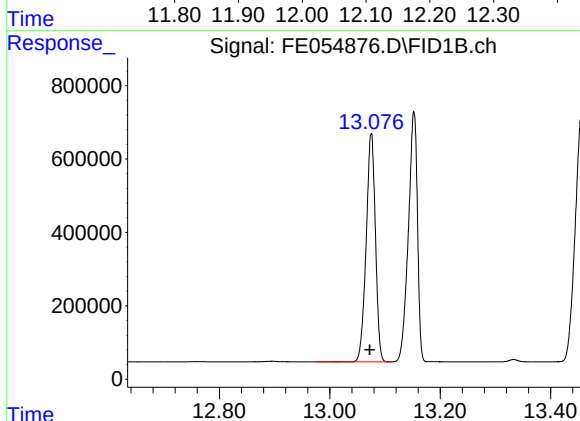
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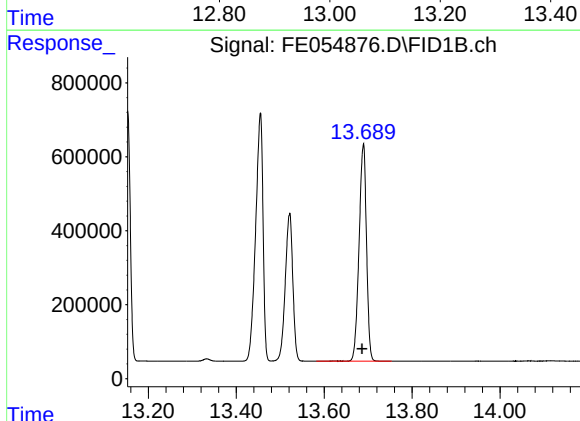
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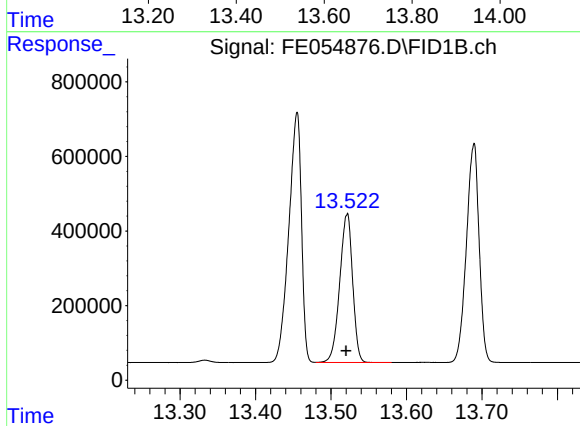
#10 n-Eicosane (C20)

R.T.: 13.075 min
Delta R.T.: 0.002 min
Response: 7229100
Conc: 50.27 ug/ml



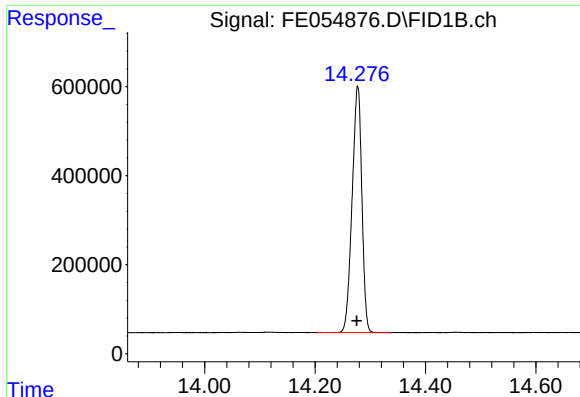
#11 n-Heneicosane (C21)

R.T.: 13.689 min
Delta R.T.: 0.003 min
Response: 6881967
Conc: 48.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.521 min
Delta R.T.: 0.001 min
Response: 4741668
Conc: 37.54 ug/ml



#13 n-Docosane (C22)

R.T.: 14.277 min
Delta R.T.: 0.002 min
Response: 6781161
Conc: 47.49 ug/ml

Instrument :

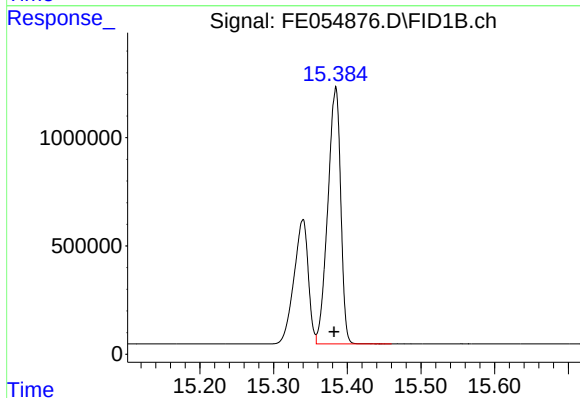
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ClientSampleId :

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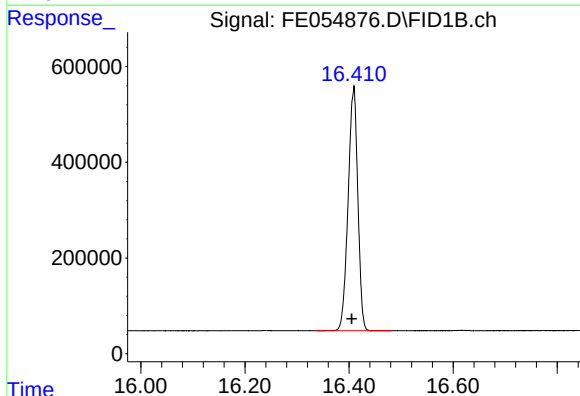
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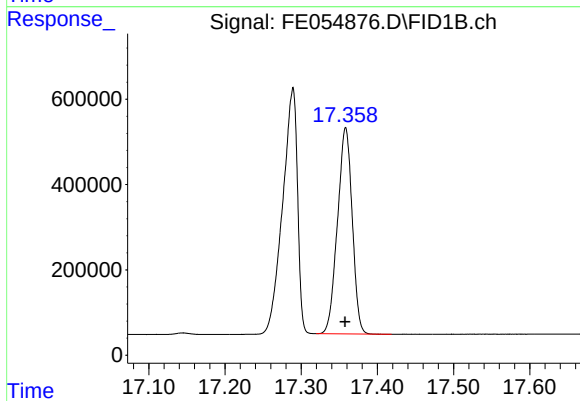
#14 n-Tetracosane (C24)

R.T.: 15.384 min
Delta R.T.: 0.002 min
Response: 14409612
Conc: 99.13 ug/ml



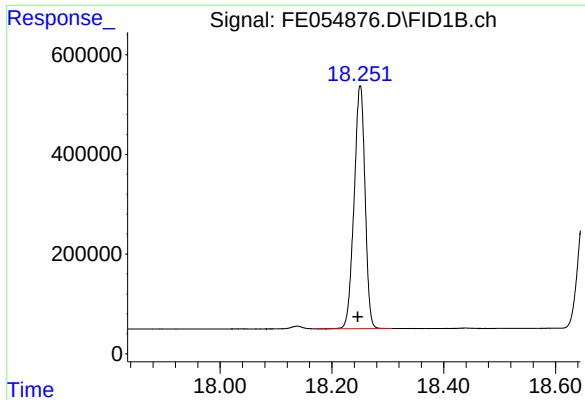
#15 n-Hexacosane (C26)

R.T.: 16.409 min
Delta R.T.: 0.003 min
Response: 6576664
Conc: 45.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.358 min
Delta R.T.: 0.000 min
Response: 6492868
Conc: 44.55 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.251 min
Delta R.T.: 0.004 min
Response: 6633078
Conc: 42.09 ug/ml

Instrument :

FID_E

ClientSampleId :

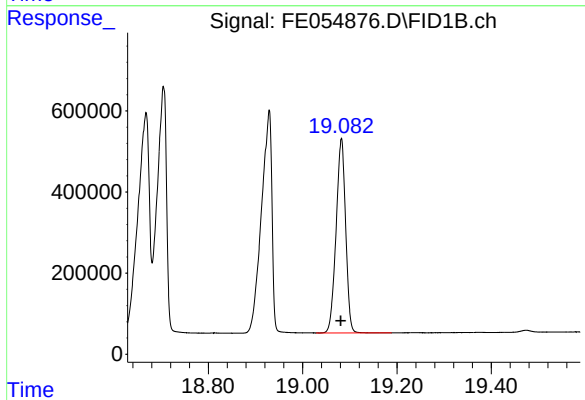
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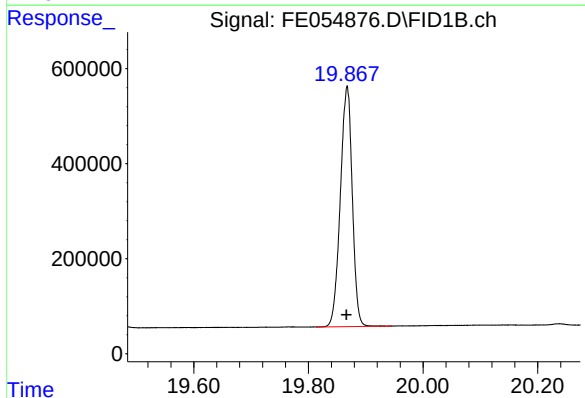
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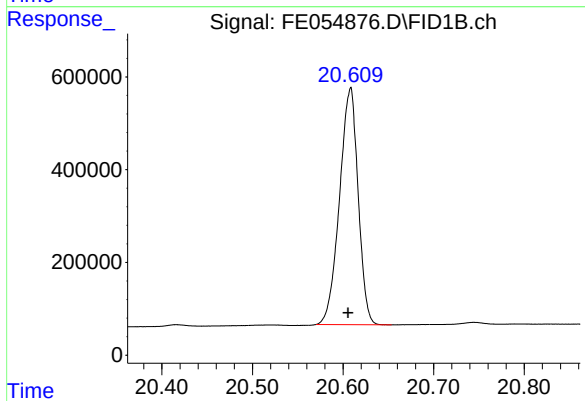
#18 n-Dotriacontane (C32)

R.T.: 19.082 min
Delta R.T.: 0.001 min
Response: 6737250
Conc: 41.64 ug/ml



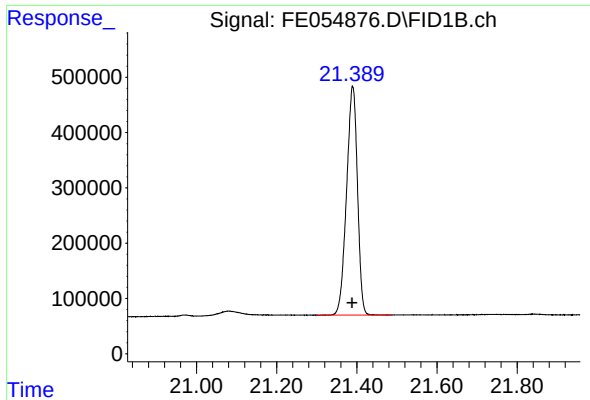
#19 n-Tetratriacontane (C34)

R.T.: 19.867 min
Delta R.T.: 0.001 min
Response: 7317092
Conc: 48.02 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.608 min
Delta R.T.: 0.002 min
Response: 7293364
Conc: 54.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.390 min
Delta R.T.: 0.002 min
Response: 7809990
Conc: 66.59 ug/ml

Instrument :

FID_E

ClientSampleId :

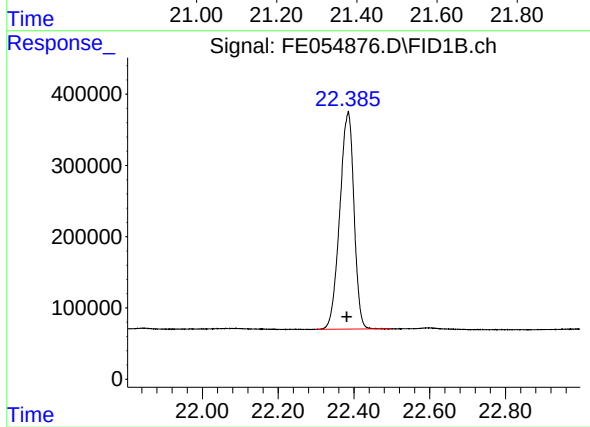
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#22 n-Tetracontane (C40)

R.T.: 22.385 min
Delta R.T.: 0.004 min
Response: 7934004
Conc: 73.20 ug/ml