

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022625AL\
 Data File : FE052518.D
 Signal(s) : FID1B.ch
 Acq On : 26 Feb 2025 16:04
 Operator : YP\AJ
 Sample : Q1427-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

VNJ-227MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/27/2025

Supervised By :Ankita Jodhani 02/27/2025

Integration File: autoint1.e

Quant Time: Feb 27 00:10:42 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M

Quant Title : GC Extractables

QLast Update : Fri Feb 14 00:50:00 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)	11.917	3769978	20.168 ug/mlm
Spiked Amount 50.000		Recovery =	40.34%
12) S 1-chlorooctadecane (S...	13.362	3022649	21.746 ug/ml
Spiked Amount 50.000		Recovery =	43.49%
Target Compounds			
1) T n-Nonane (C9)	3.257	4637858	30.214 ug/ml
2) T n-Decane (C10)	4.519	4891192	31.316 ug/ml
3) T A~Naphthalene (C11.7)	6.231	6057530	35.061 ug/ml
4) T n-Dodecane (C12)	6.699	5374010	34.047 ug/ml
5) T A~2-methylnaphthalene...	7.333	5457454	32.495 ug/ml
6) T n-Tetradecane (C14)	8.537	5485404	34.825 ug/ml
7) T n-Hexadecane (C16)	10.152	5587131	34.185 ug/ml
8) T n-Octadecane (C18)	11.602	5576666	33.704 ug/ml
10) T n-Eicosane (C20)	12.918	5606241	35.166 ug/ml
11) T n-Heneicosane (C21)	13.532	5371112	34.283 ug/ml
13) T n-Docosane (C22)	14.120	5328456	34.048 ug/ml
14) T n-Tetracosane (C24)	15.210	10776890	68.525 ug/ml
15) T n-Hexacosane (C26)	16.252	5167000	33.359 ug/ml
16) T n-Octacosane (C28)	17.204	5137620	33.588 ug/ml
17) T n-Tricontane (C30)	18.096	5217076	33.422 ug/ml
18) T n-Dotriacontane (C32)	18.928	5132363	33.541 ug/ml
19) T n-Tetratriacontane (C34)	19.714	5138742	36.122 ug/ml
20) T n-Hexatriacontane (C36)	20.455	4950489	39.719 ug/ml
21) T n-Octatriacontane (C38)	21.198	4935824	45.158 ug/ml
22) T n-Tetracontane (C40)	22.121	5116167	50.862 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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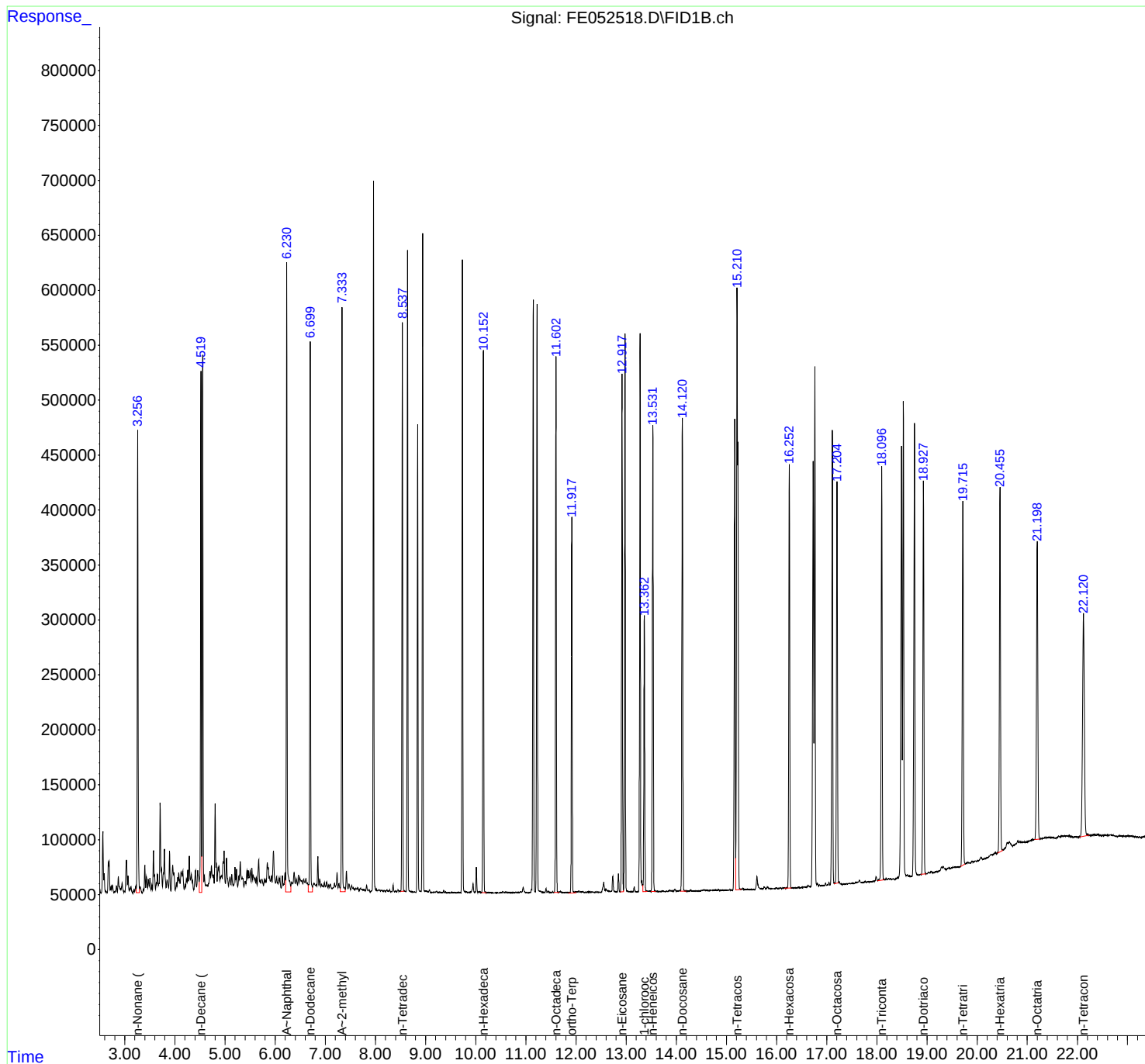
Response via : Initial Calibration

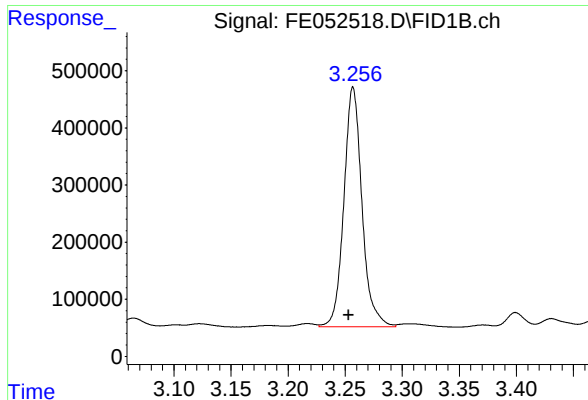
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.257 min
Delta R.T.: 0.004 min
Response: 4637858
Conc: 30.21 ug/ml

Instrument :

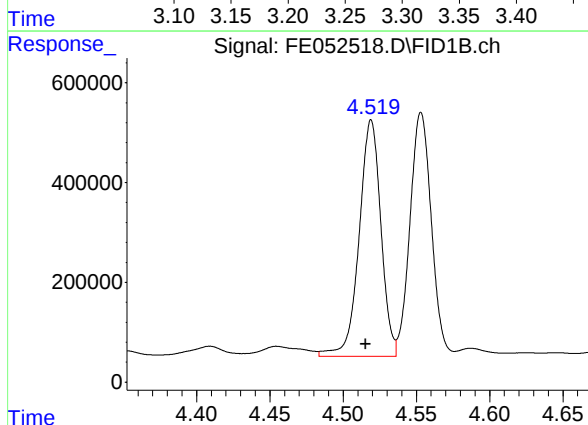
FID_E

ClientSampleId :

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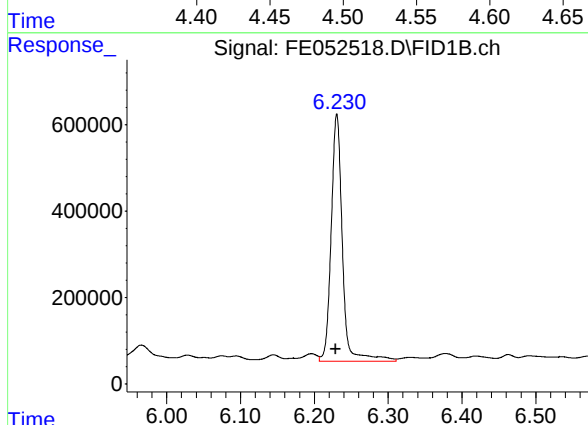
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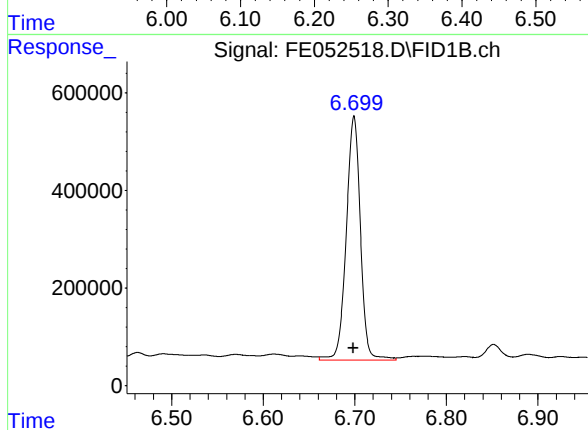
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.004 min
Response: 4891192
Conc: 31.32 ug/ml



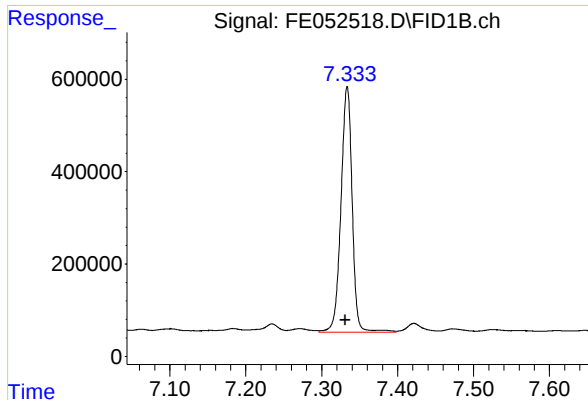
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: 0.001 min
Response: 6057530
Conc: 35.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 5374010
Conc: 34.05 ug/ml



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

R.T.: 7.333 min
Delta R.T.: 0.002 min
Response: 5457454
Conc: 32.49 ug/ml

Instrument :

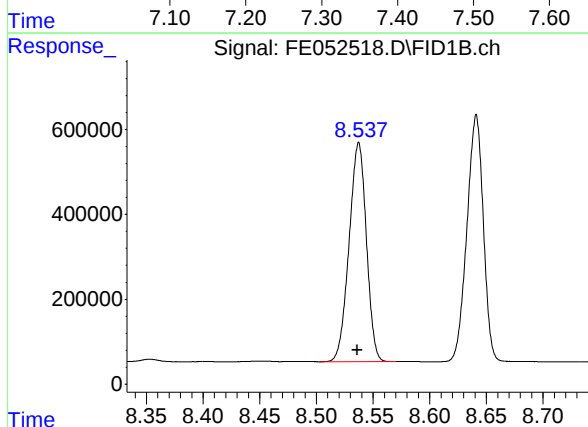
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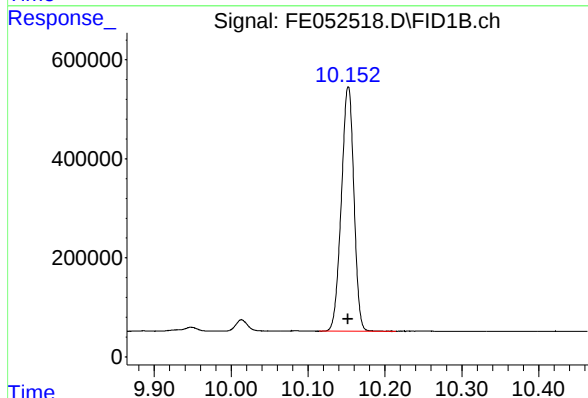
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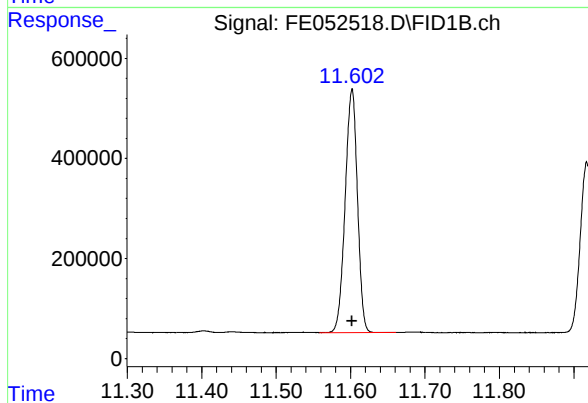
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: 0.001 min
Response: 5485404
Conc: 34.82 ug/ml



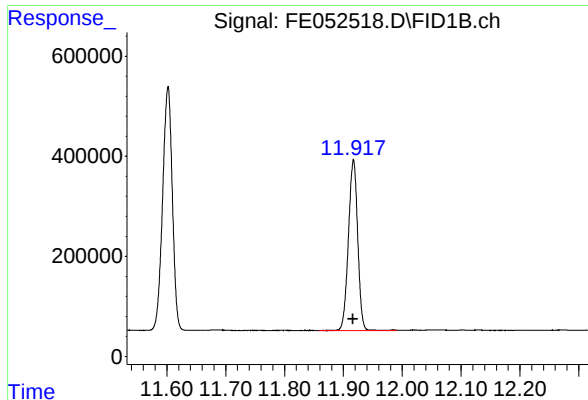
#7 n-Hexadecane (C16)

R.T.: 10.152 min
Delta R.T.: 0.000 min
Response: 5587131
Conc: 34.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.602 min
Delta R.T.: 0.000 min
Response: 5576666
Conc: 33.70 ug/ml



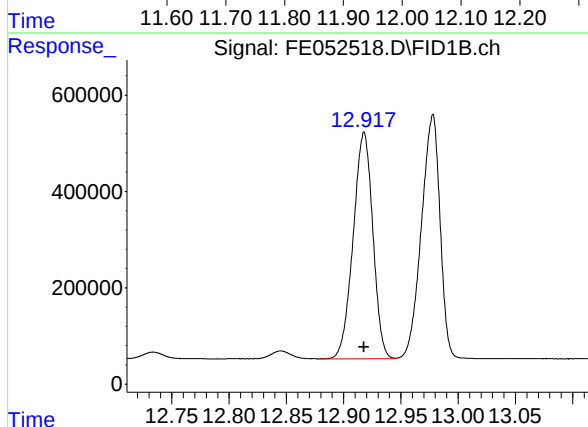
#9 ortho-Terphenyl (SURR)

R.T.: 11.917 min
Delta R.T.: 0.000 min
Response: 3769978
Conc: 20.17 ug/ml

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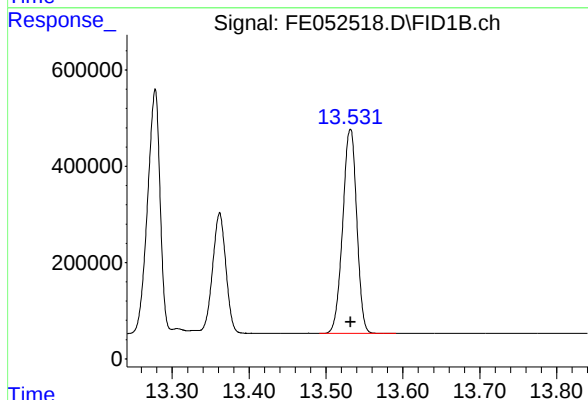
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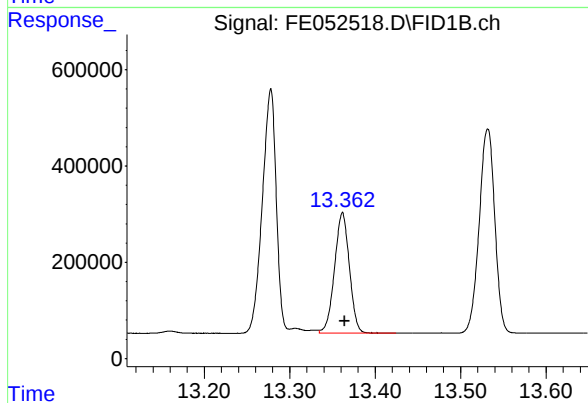
#10 n-Eicosane (C20)

R.T.: 12.918 min
Delta R.T.: 0.000 min
Response: 5606241
Conc: 35.17 ug/ml



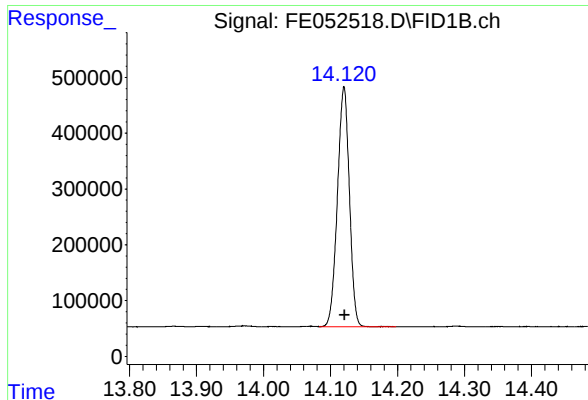
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: 0.000 min
Response: 5371112
Conc: 34.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.362 min
Delta R.T.: -0.002 min
Response: 3022649
Conc: 21.75 ug/ml



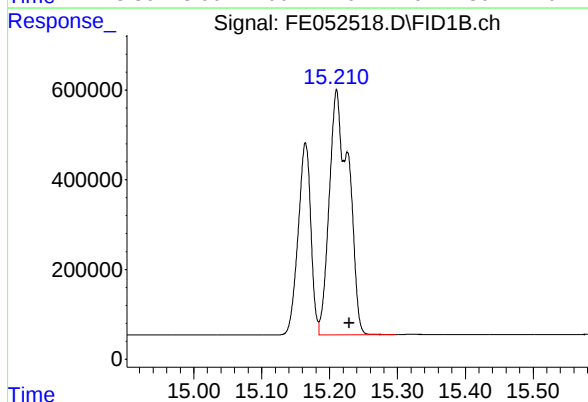
#13 n-Docosane (C22)

R.T.: 14.120 min
Delta R.T.: -0.001 min
Response: 5328456
Conc: 34.05 ug/ml

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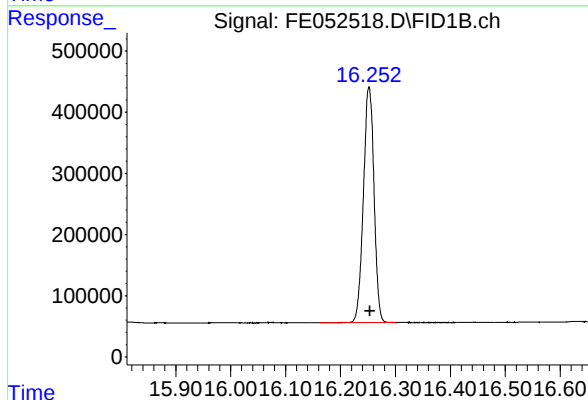
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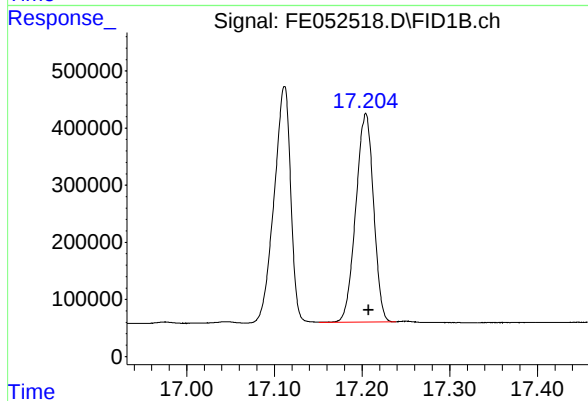
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: -0.019 min
Response: 10776890
Conc: 68.52 ug/ml



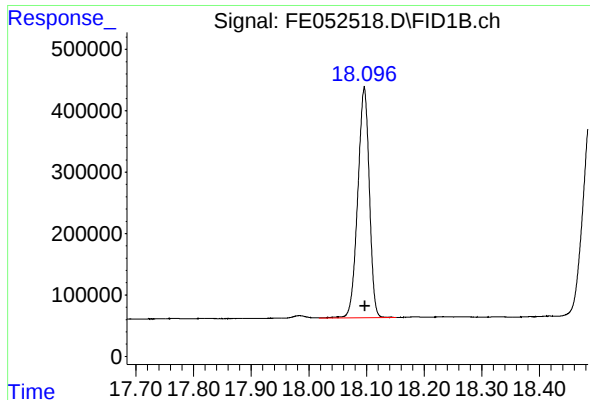
#15 n-Hexacosane (C26)

R.T.: 16.252 min
Delta R.T.: -0.002 min
Response: 5167000
Conc: 33.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.204 min
Delta R.T.: -0.004 min
Response: 5137620
Conc: 33.59 ug/ml



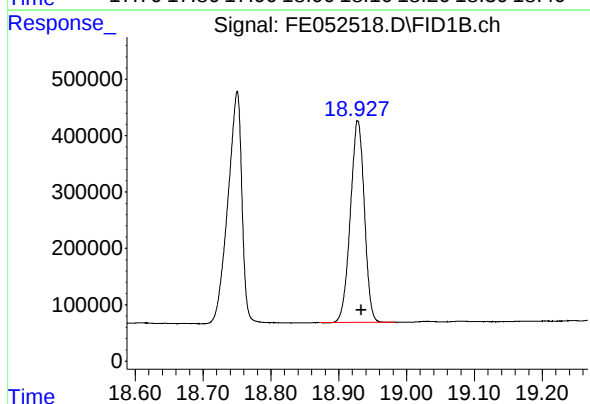
#17 n-Tricontane (C30)

R.T.: 18.096 min
Delta R.T.: -0.001 min
Response: 5217076
Conc: 33.42 ug/ml

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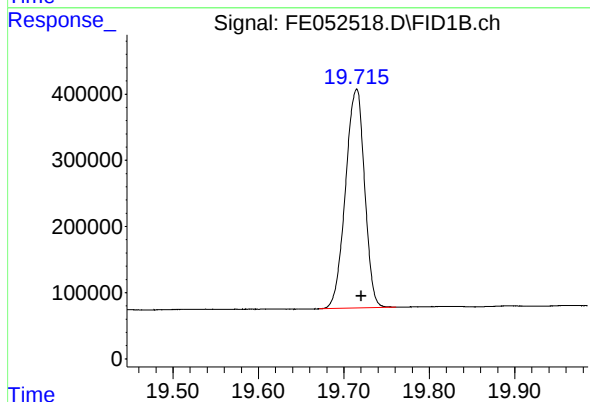
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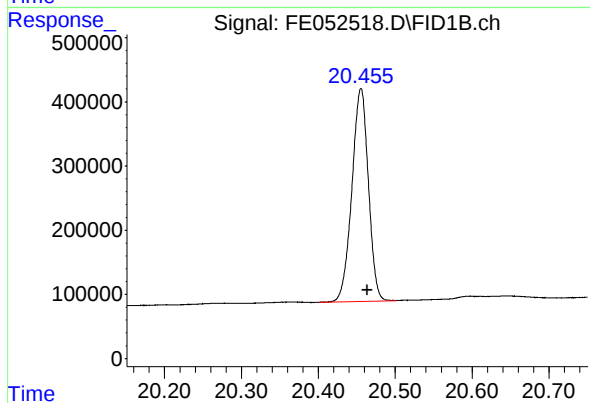
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.005 min
Response: 5132363
Conc: 33.54 ug/ml



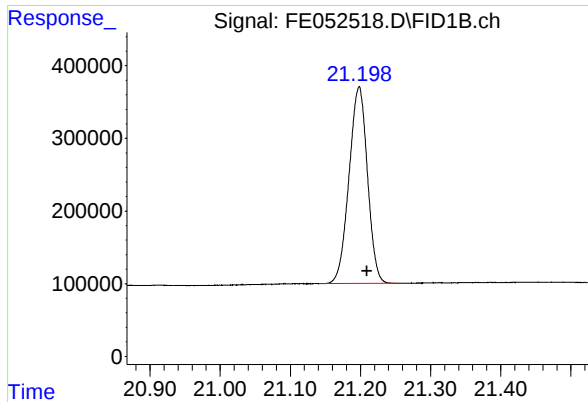
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.006 min
Response: 5138742
Conc: 36.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.455 min
Delta R.T.: -0.008 min
Response: 4950489
Conc: 39.72 ug/ml



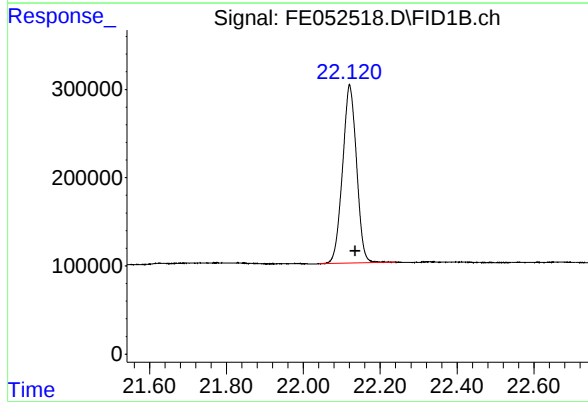
#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: -0.012 min
Response: 4935824
Conc: 45.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.121 min
Delta R.T.: -0.015 min
Response: 5116167
Conc: 50.86 ug/ml