

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102025AL\
 Data File : FF016576.D
 Signal(s) : FID2B.ch
 Acq On : 20 Oct 2025 19:11
 Operator : YP\AJ
 Sample : Q3374-05MSD
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

TP-5-WCMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/21/2025

Supervised By :mohammad ahmed 10/24/2025

Integration File: autoint1.e

Quant Time: Oct 20 23:22:13 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100225.M

Quant Title : GC Extractables

Qlast Update : Fri Oct 03 05:49:41 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)	11.969	3260109	22.541 ug/ml
Spiked Amount 50.000		Recovery =	45.08%
12) S 1-chlorooctadecane (S...	13.410	2467283	22.119 ug/ml
Spiked Amount 50.000		Recovery =	44.24%
Target Compounds			
1) T n-Nonane (C9)	3.323	2584070	22.102 ug/ml
2) T n-Decane (C10)	4.583	2748028	23.200 ug/ml
3) T A~Naphthalene (C11.7)	6.293	3294047	25.221 ug/ml
4) T n-Dodecane (C12)	6.760	2845361	23.705 ug/ml
5) T A~2-methylnaphthalene...	7.394	3037322	23.856 ug/ml
6) T n-Tetradecane (C14)	8.594	2866109	23.785 ug/ml
7) T n-Hexadecane (C16)	10.203	2902995	23.245 ug/ml
8) T n-Octadecane (C18)	11.650	2912160	22.482 ug/ml
10) T n-Eicosane (C20)	12.964	3024485	23.653 ug/ml
11) T n-Heneicosane (C21)	13.578	2891303	22.772 ug/ml
13) T n-Docosane (C22)	14.166	2882437	22.703 ug/ml
14) T n-Tetracosane (C24)	15.254	5969381	46.666 ug/mlm
15) T n-Hexacosane (C26)	16.299	2770200	22.161 ug/ml
16) T n-Octacosane (C28)	17.253	2581944	21.073 ug/ml
17) T n-Tricontane (C30)	18.146	2715142	21.801 ug/ml
18) T n-Dotriacontane (C32)	18.981	2725637	22.614 ug/ml
19) T n-Tetratriacontane (C34)	19.769	2958044	27.126 ug/ml
20) T n-Hexatriacontane (C36)	20.511	3180301	34.075 ug/ml
21) T n-Octatriacontane (C38)	21.273	3431021	40.797 ug/ml
22) T n-Tetracontane (C40)	22.223	3416856	43.522 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : Q3374-05MSD
Misc :
ALS Vial : 77 Sample Multiplier: 1

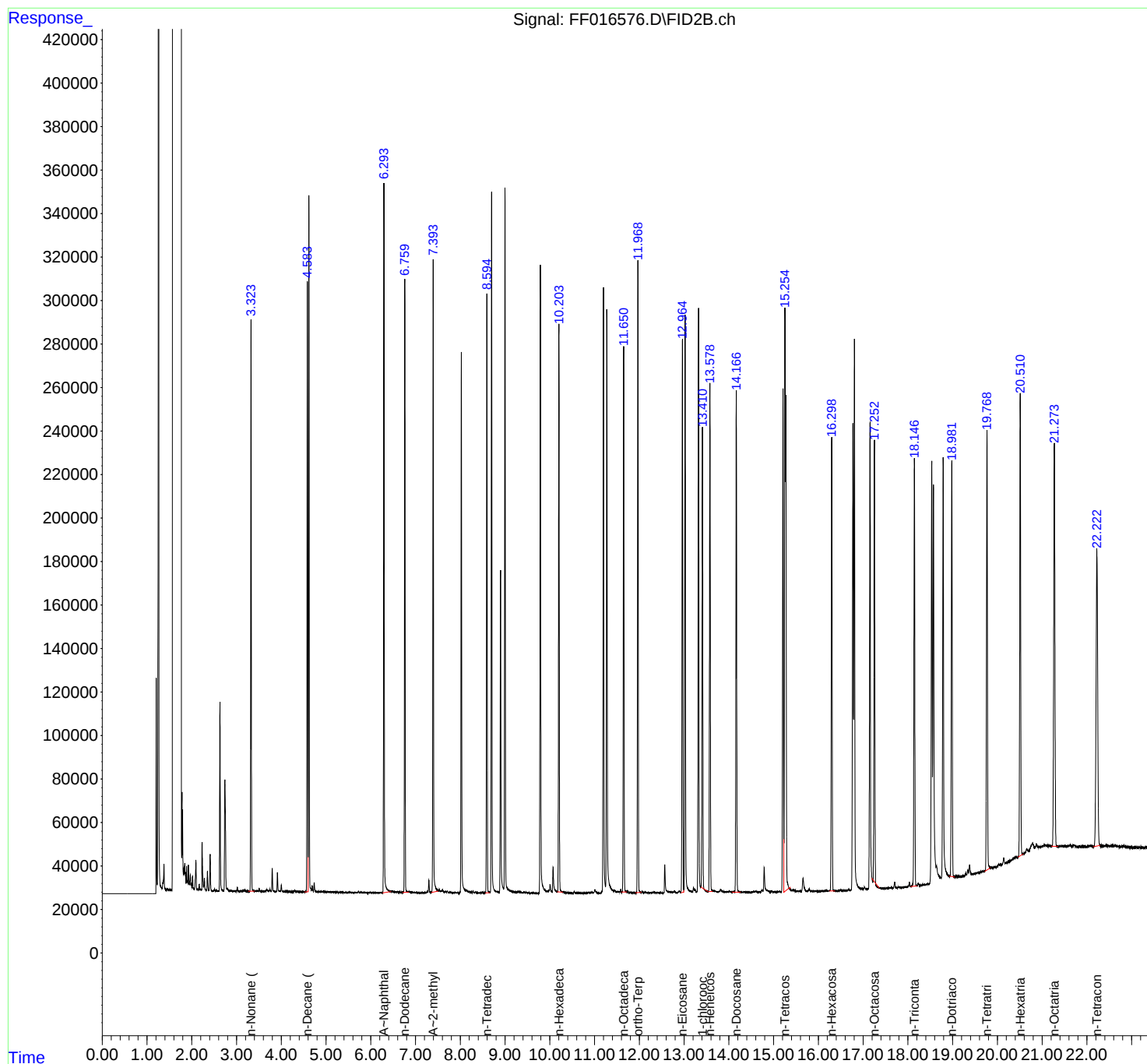
Instrument :
FID_F
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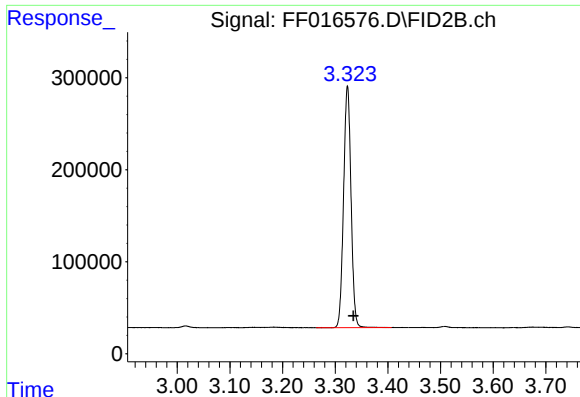
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Quant Title : GC Extractables
QLast Update : Fri Oct 03 05:49:41 2025
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Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: -0.012 min
Response: 2584070
Conc: 22.10 ug/ml

Instrument :

FID_F

ClientSampleId :

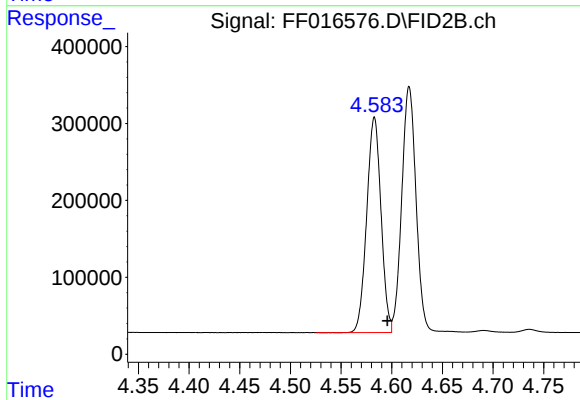
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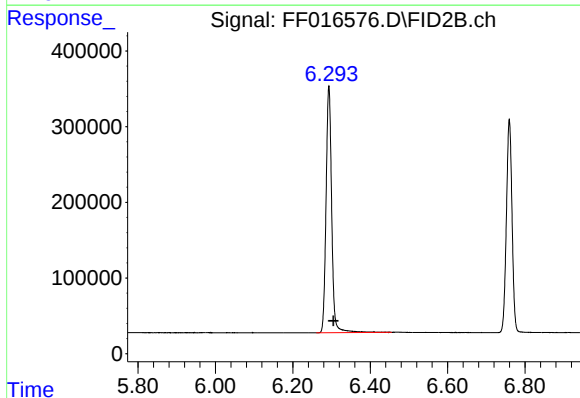
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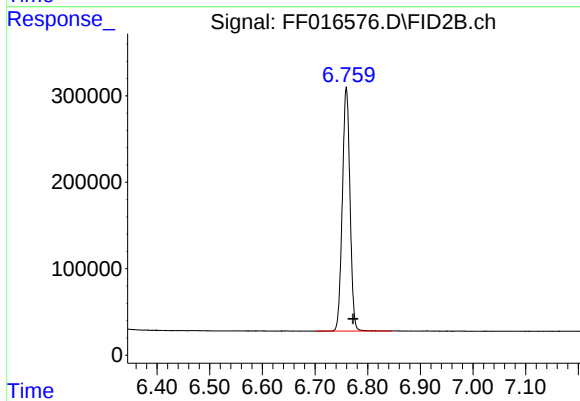
#2 n-Decane (C10)

R.T.: 4.583 min
Delta R.T.: -0.013 min
Response: 2748028
Conc: 23.20 ug/ml



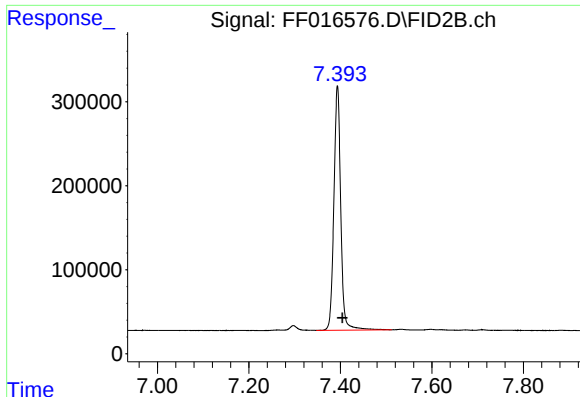
#3 A~Naphthalene (C11.7)

R.T.: 6.293 min
Delta R.T.: -0.012 min
Response: 3294047
Conc: 25.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.760 min
Delta R.T.: -0.013 min
Response: 2845361
Conc: 23.70 ug/ml



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

R.T.: 7.394 min
Delta R.T.: -0.011 min
Response: 3037322
Conc: 23.86 ug/ml

Instrument :

FID_F

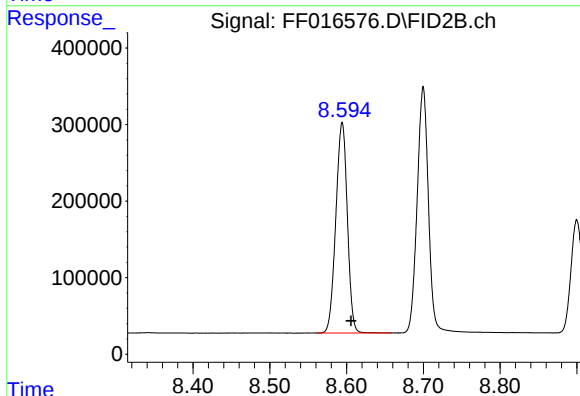
ClientSampleId :

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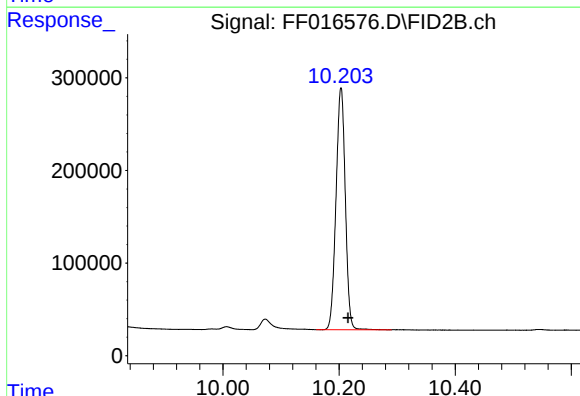
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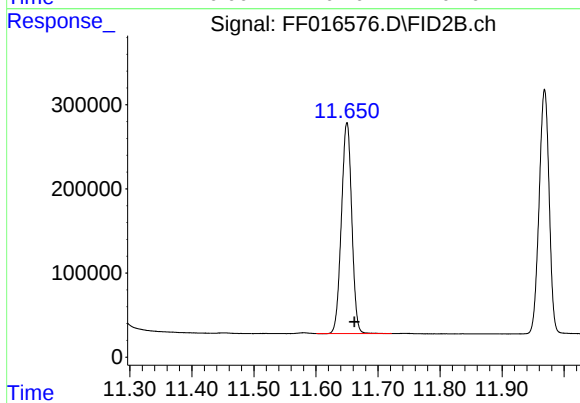
#6 n-Tetradecane (C14)

R.T.: 8.594 min
Delta R.T.: -0.012 min
Response: 2866109
Conc: 23.79 ug/ml



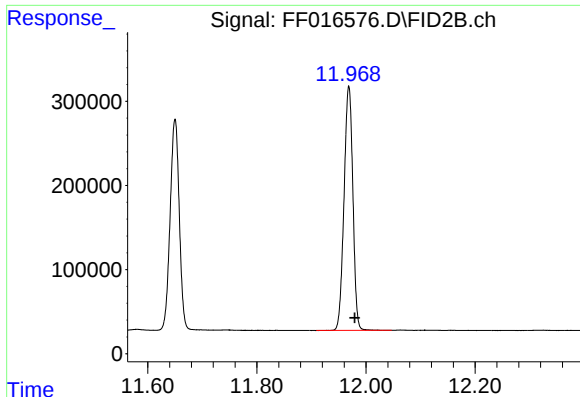
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.012 min
Response: 2902995
Conc: 23.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.650 min
Delta R.T.: -0.012 min
Response: 2912160
Conc: 22.48 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.969 min
Delta R.T.: -0.011 min
Response: 3260109
Conc: 22.54 ug/ml

Instrument :

FID_F

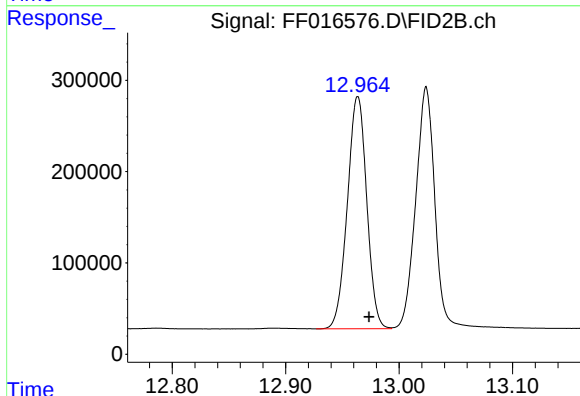
ClientSampleId :

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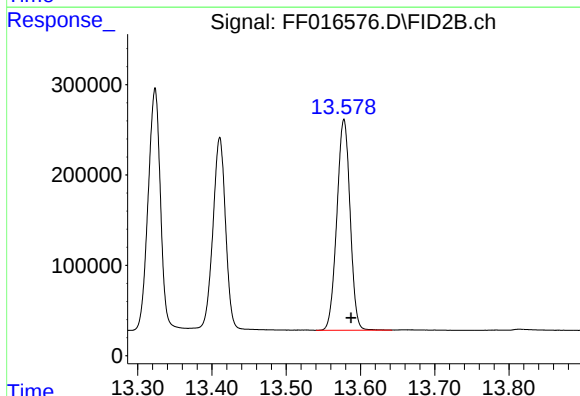
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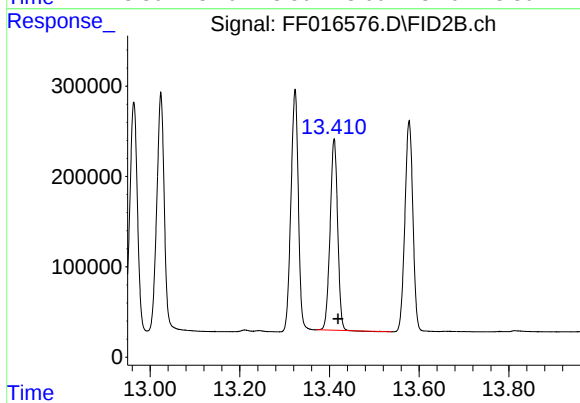
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: -0.010 min
Response: 3024485
Conc: 23.65 ug/ml



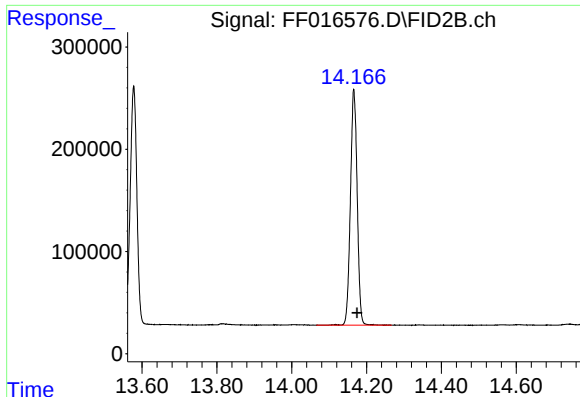
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: -0.010 min
Response: 2891303
Conc: 22.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: -0.009 min
Response: 2467283
Conc: 22.12 ug/ml



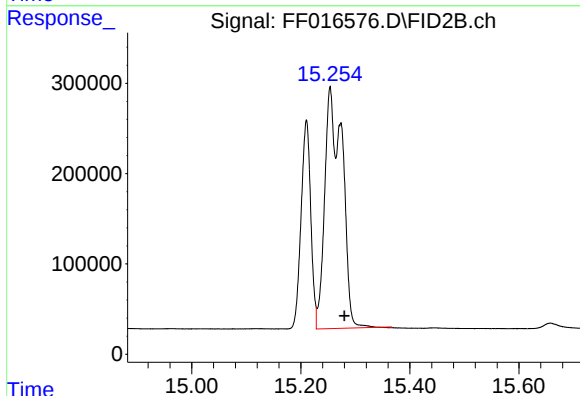
#13 n-Docosane (C22)

R.T.: 14.166 min
Delta R.T.: -0.008 min
Response: 2882437
Conc: 22.70 ug/ml

Instrument :
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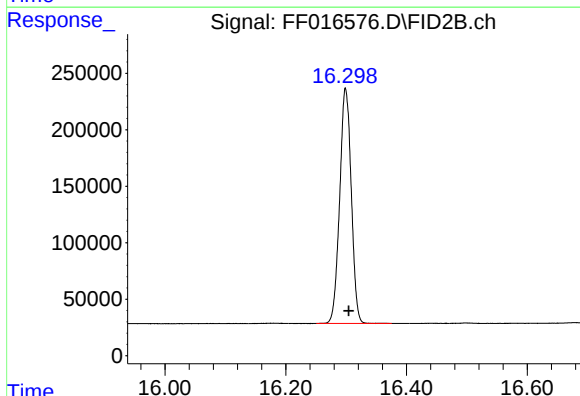
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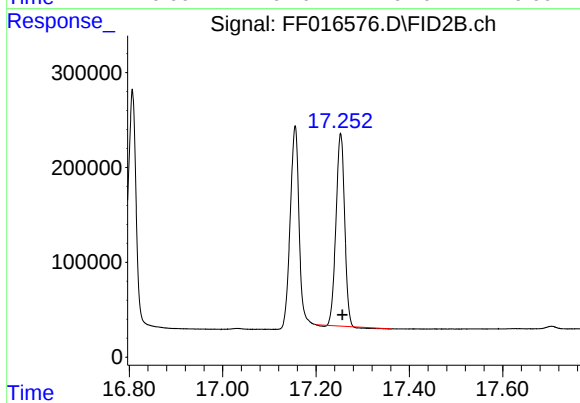
#14 n-Tetracosane (C24)

R.T.: 15.254 min
Delta R.T.: -0.026 min
Response: 5969381
Conc: 46.67 ug/ml m



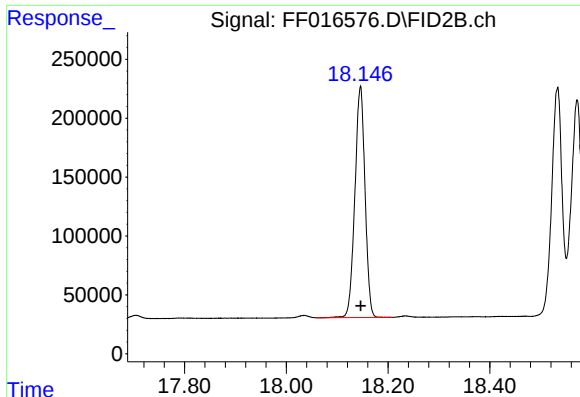
#15 n-Hexacosane (C26)

R.T.: 16.299 min
Delta R.T.: -0.005 min
Response: 2770200
Conc: 22.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.253 min
Delta R.T.: -0.004 min
Response: 2581944
Conc: 21.07 ug/ml



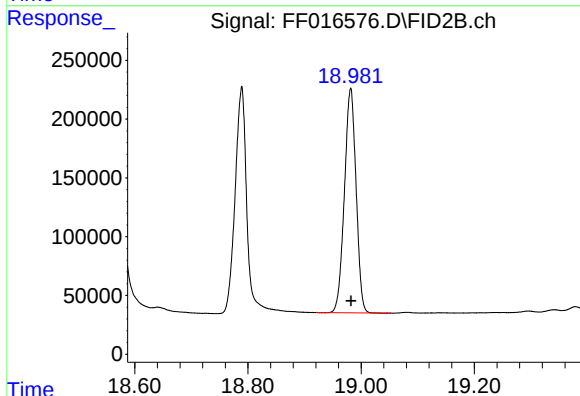
#17 n-Tricontane (C30)

R.T.: 18.146 min
Delta R.T.: 0.000 min
Response: 2715142
Conc: 21.80 ug/ml

Instrument :
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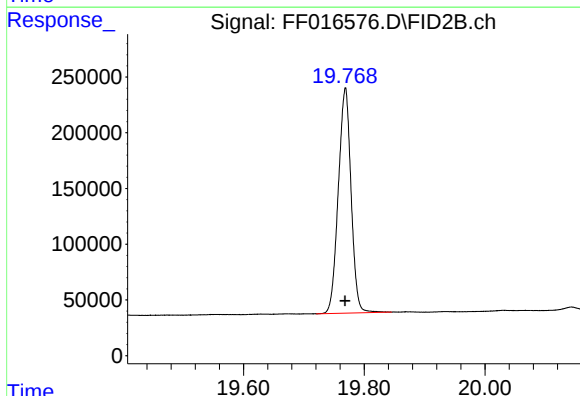
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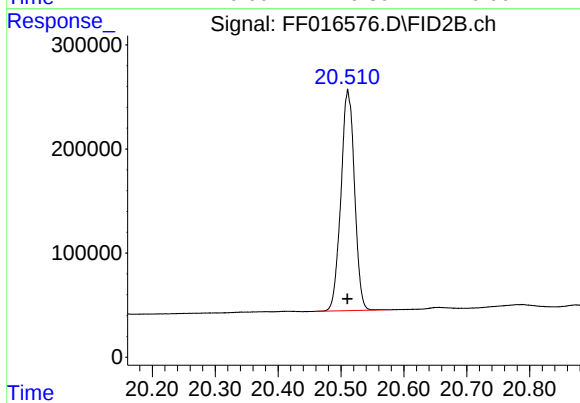
#18 n-Dotriacontane (C32)

R.T.: 18.981 min
Delta R.T.: -0.001 min
Response: 2725637
Conc: 22.61 ug/ml



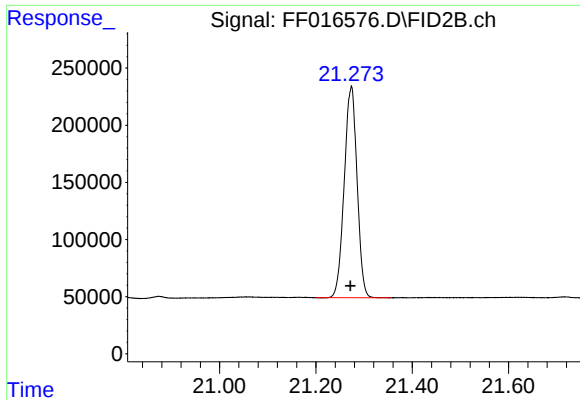
#19 n-Tetratriacontane (C34)

R.T.: 19.769 min
Delta R.T.: 0.000 min
Response: 2958044
Conc: 27.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.511 min
Delta R.T.: 0.000 min
Response: 3180301
Conc: 34.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.273 min
Delta R.T.: 0.001 min
Response: 3431021
Conc: 40.80 ug/ml

Instrument :

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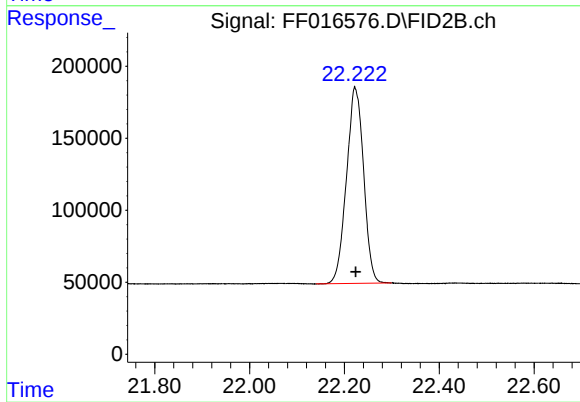
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#22 n-Tetracontane (C40)

R.T.: 22.223 min
Delta R.T.: -0.002 min
Response: 3416856
Conc: 43.52 ug/ml