

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032825AL\
 Data File : FE053044.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2025 15:07
 Operator : YP\AJ
 Sample : PB167363BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB167363BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/31/2025

Supervised By :mohammad ahmed 04/01/2025

Integration File: autoint1.e

Quant Time: Mar 28 22:54:08 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M

Quant Title : GC Extractables

QLast Update : Mon Mar 03 13:39:39 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)	11.900	6693868	39.706 ug/ml
Spiked Amount 50.000		Recovery =	79.41%
12) S 1-chlorooctadecane (S...	13.343	5091520	41.931 ug/ml
Spiked Amount 50.000		Recovery =	83.86%
Target Compounds			
1) T n-Nonane (C9)	3.251	5564133	35.886 ug/ml
2) T n-Decane (C10)	4.508	6020012	38.321 ug/ml
3) T A~Naphthalene (C11.7)	6.217	6885744	40.602 ug/ml
4) T n-Dodecane (C12)	6.685	6436114	41.337 ug/ml
5) T A~2-methylnaphthalene...	7.319	6288044	38.801 ug/ml
6) T n-Tetradecane (C14)	8.522	6395226	42.266 ug/ml
7) T n-Hexadecane (C16)	10.135	6374636	41.695 ug/ml
8) T n-Octadecane (C18)	11.584	6191742	40.697 ug/ml
10) T n-Eicosane (C20)	12.898	6209759	42.775 ug/ml
11) T n-Heneicosane (C21)	13.512	5899941	41.453 ug/ml
13) T n-Docosane (C22)	14.100	5801591	40.767 ug/ml
14) T n-Tetracosane (C24)	15.194	11873748	82.970 ug/ml
15) T n-Hexacosane (C26)	16.231	5622103	39.538 ug/ml
16) T n-Octacosane (C28)	17.182	5757572	40.491 ug/ml
17) T n-Tricontane (C30)	18.073	5764124	39.026 ug/ml
18) T n-Dotriacontane (C32)	18.907	5934080	40.874 ug/mlm
19) T n-Tetratriacontane (C34)	19.691	6090455	45.188 ug/ml
20) T n-Hexatriacontane (C36)	20.432	6032378	50.768 ug/mlm
21) T n-Octatriacontane (C38)	21.173	6121862	55.184 ug/ml
22) T n-Tetracontane (C40)	22.088	5844772	54.060 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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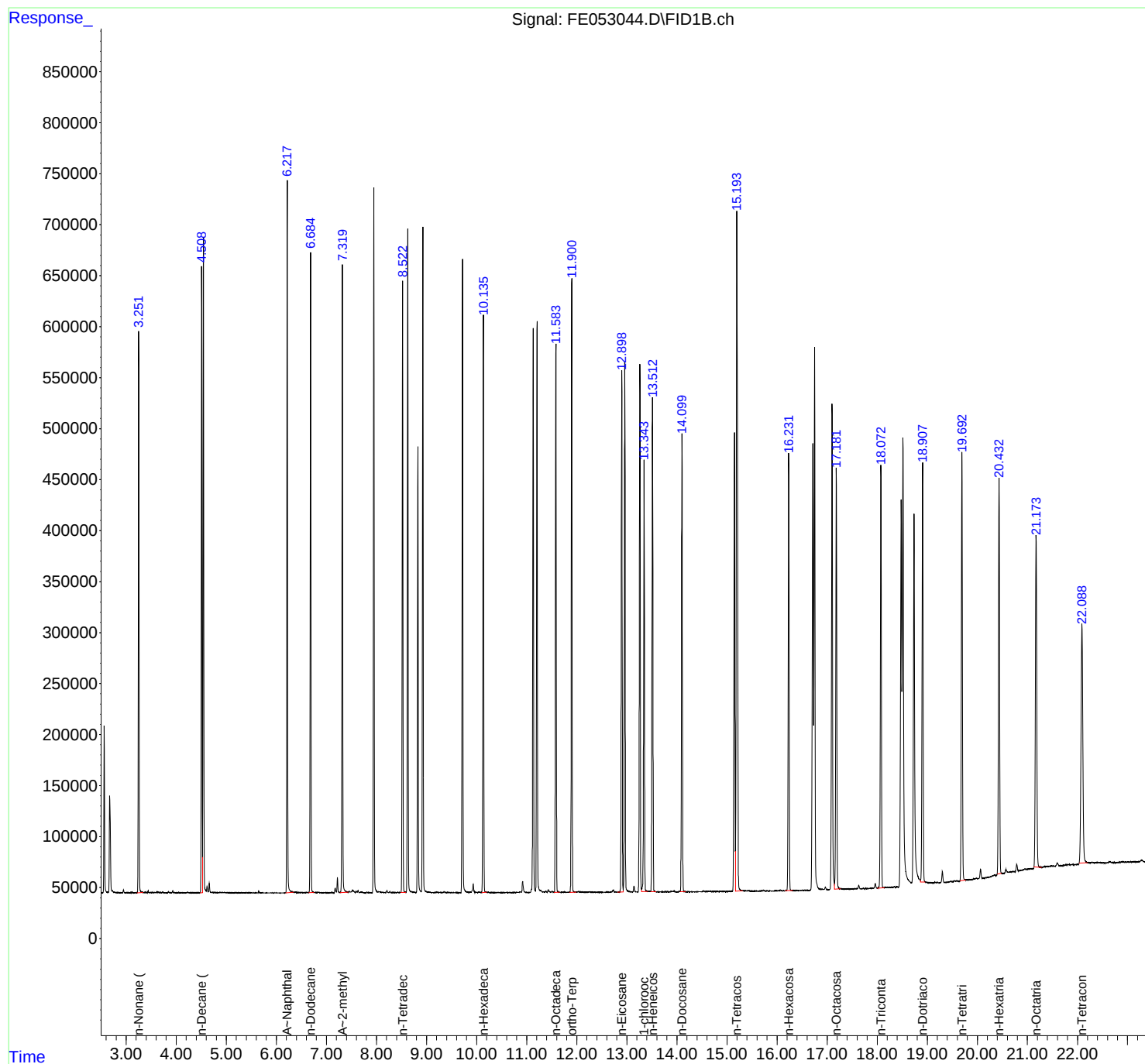
Instrument :
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PB167363BS

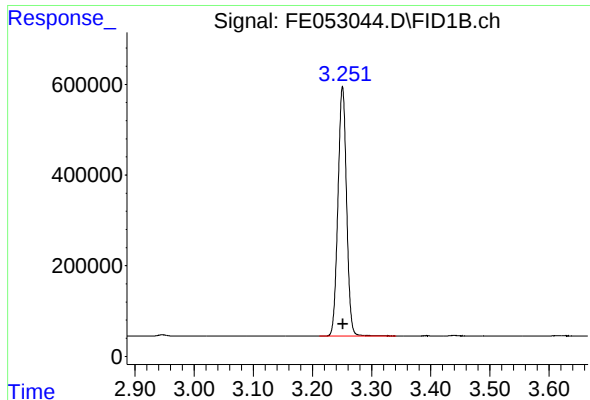
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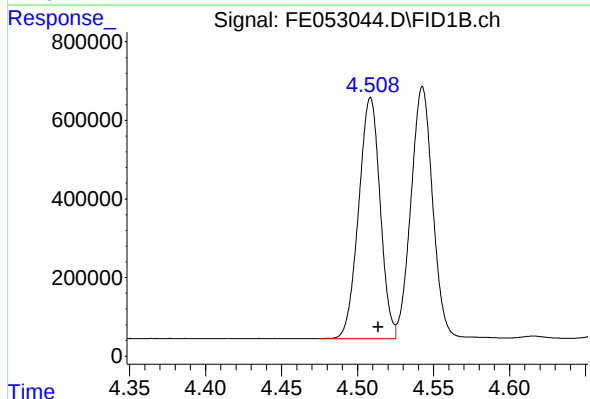
#1 n-Nonane (C9)

R.T.: 3.251 min
Delta R.T.: -0.001 min
Response: 5564133
Conc: 35.89 ug/ml

Instrument :
FID_E
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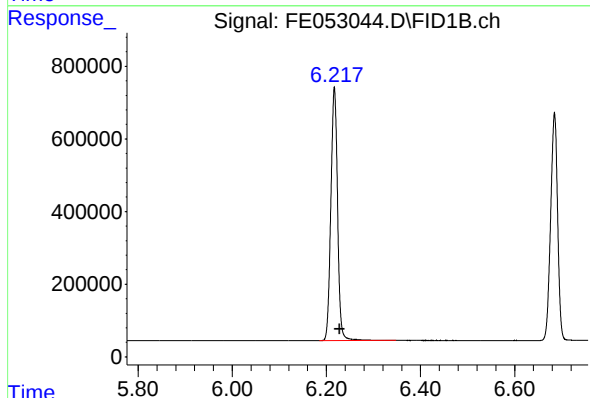
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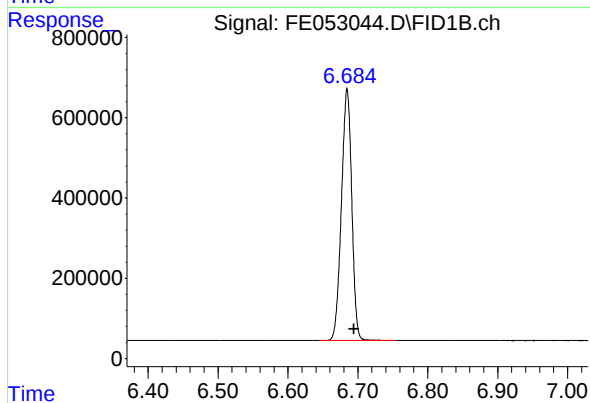
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: -0.005 min
Response: 6020012
Conc: 38.32 ug/ml



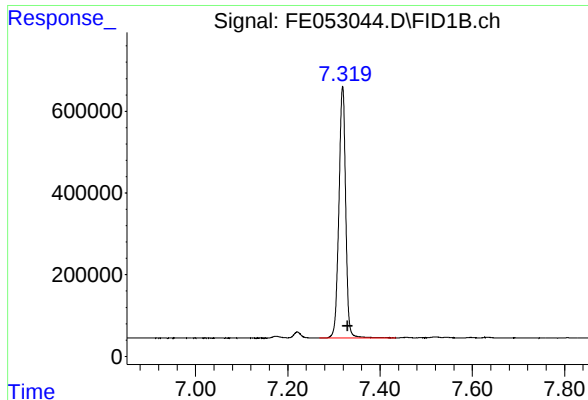
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: -0.011 min
Response: 6885744
Conc: 40.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.685 min
Delta R.T.: -0.010 min
Response: 6436114
Conc: 41.34 ug/ml



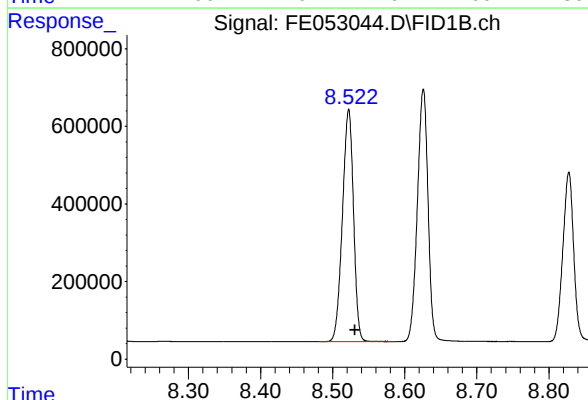
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.319 min
Delta R.T.: -0.011 min
Response: 6288044
Conc: 38.80 ug/ml

Instrument :
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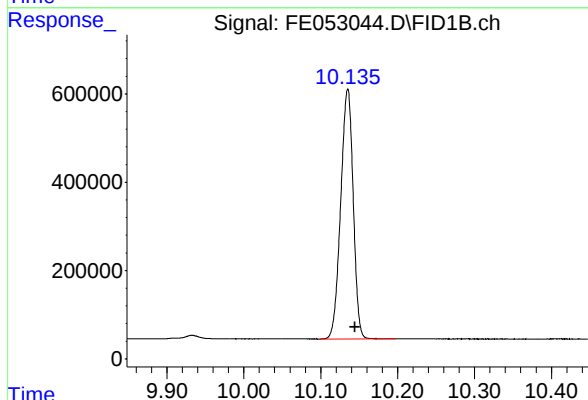
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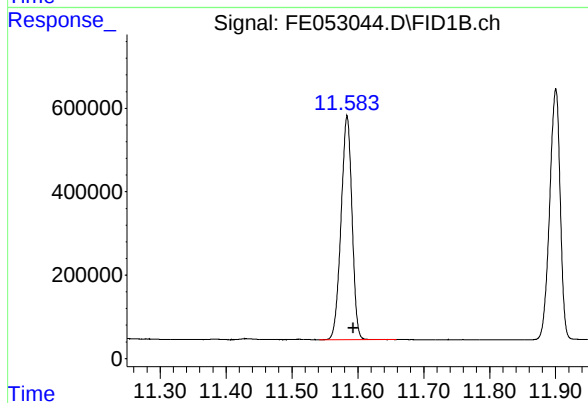
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: -0.009 min
Response: 6395226
Conc: 42.27 ug/ml



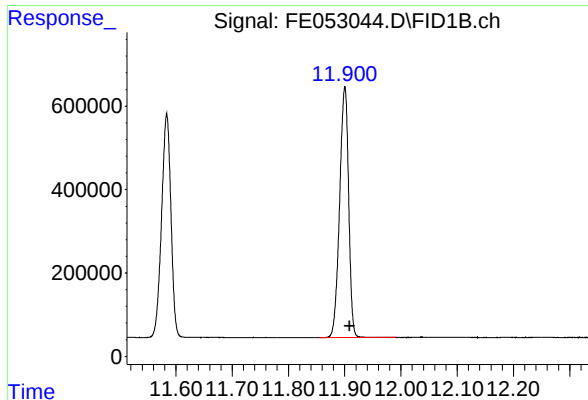
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.010 min
Response: 6374636
Conc: 41.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.584 min
Delta R.T.: -0.009 min
Response: 6191742
Conc: 40.70 ug/ml



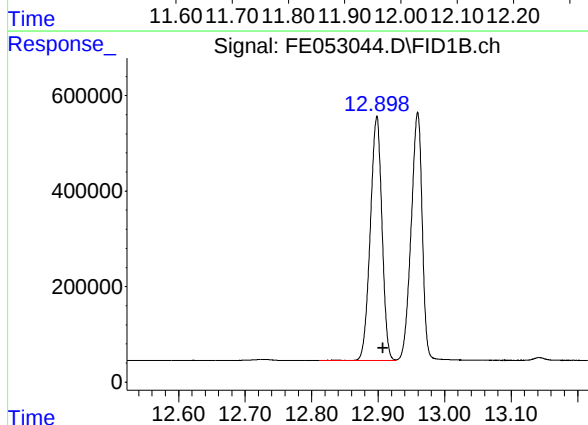
#9 ortho-Terphenyl (SURR)

R.T.: 11.900 min
Delta R.T.: -0.009 min
Response: 6693868
Conc: 39.71 ug/ml

Instrument :
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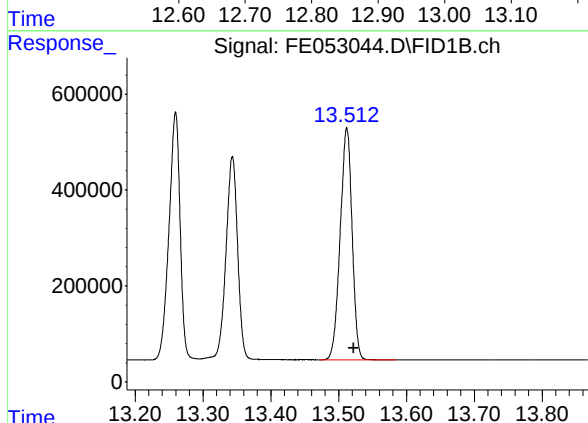
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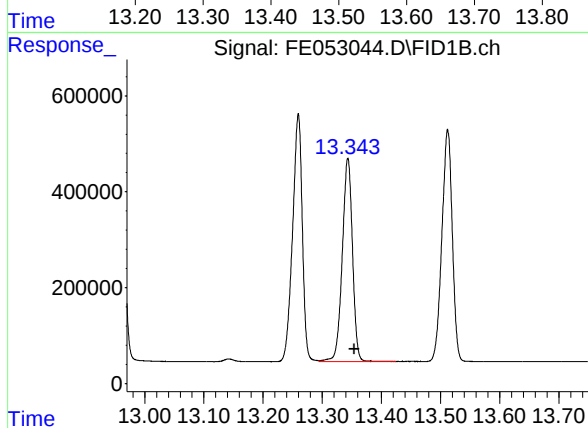
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: -0.010 min
Response: 6209759
Conc: 42.77 ug/ml



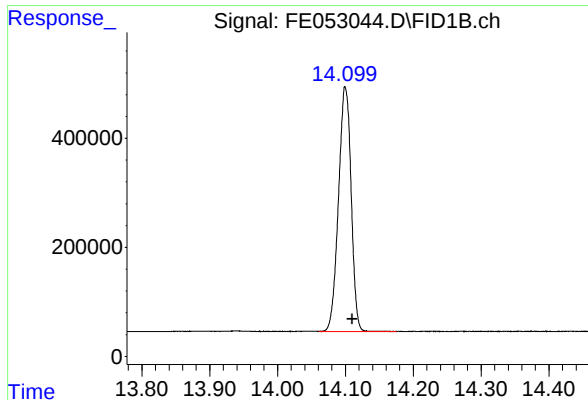
#11 n-Heneicosane (C21)

R.T.: 13.512 min
Delta R.T.: -0.010 min
Response: 5899941
Conc: 41.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.343 min
Delta R.T.: -0.011 min
Response: 5091520
Conc: 41.93 ug/ml



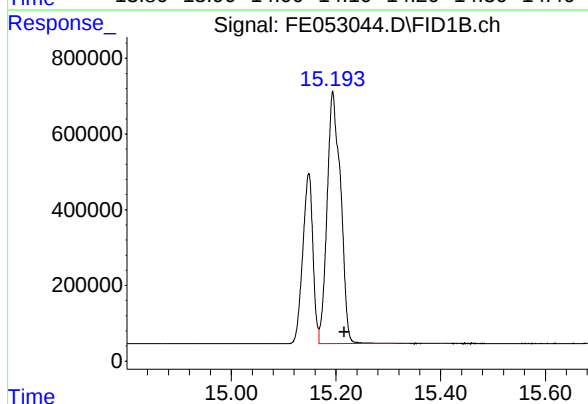
#13 n-Docosane (C22)

R.T.: 14.100 min
Delta R.T.: -0.010 min
Response: 5801591
Conc: 40.77 ug/ml

Instrument :
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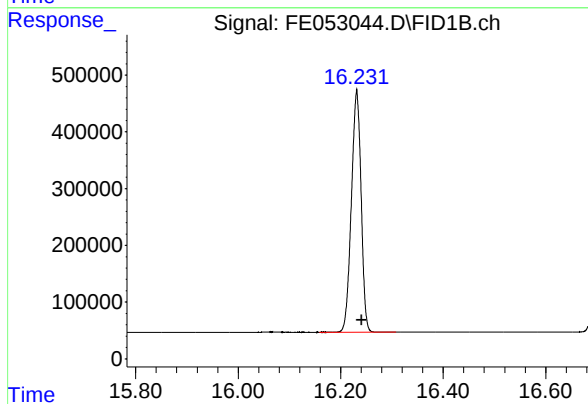
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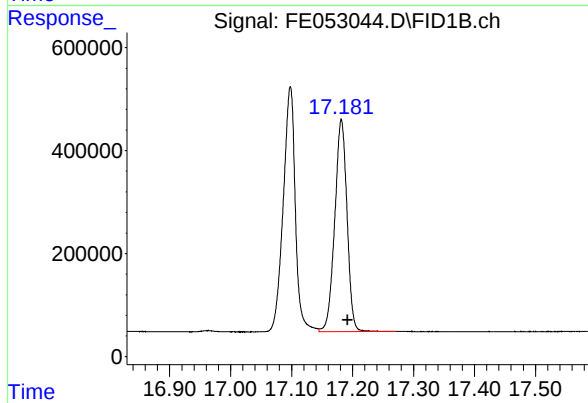
#14 n-Tetracosane (C24)

R.T.: 15.194 min
Delta R.T.: -0.022 min
Response: 11873748
Conc: 82.97 ug/ml



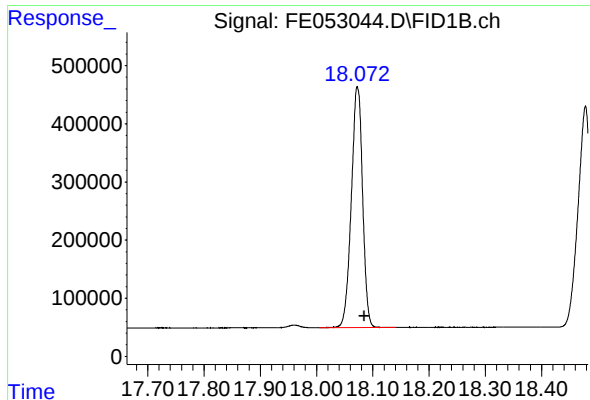
#15 n-Hexacosane (C26)

R.T.: 16.231 min
Delta R.T.: -0.009 min
Response: 5622103
Conc: 39.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.182 min
Delta R.T.: -0.010 min
Response: 5757572
Conc: 40.49 ug/ml



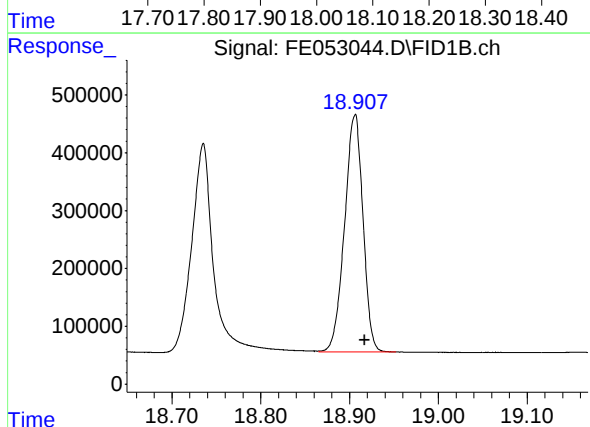
#17 n-Tricontane (C30)

R.T.: 18.073 min
Delta R.T.: -0.012 min
Response: 5764124
Conc: 39.03 ug/ml

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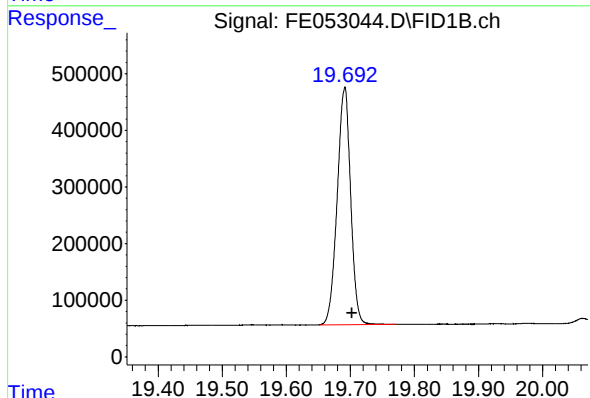
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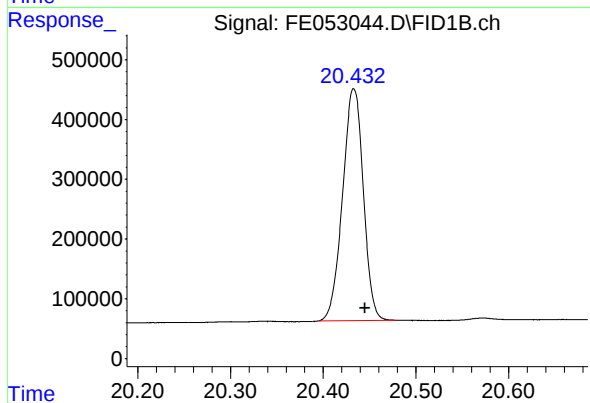
#18 n-Dotriacontane (C32)

R.T.: 18.907 min
Delta R.T.: -0.010 min
Response: 5934080
Conc: 40.87 ug/ml m



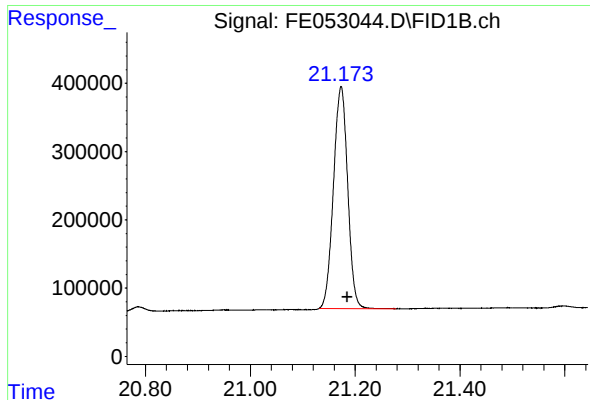
#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: -0.012 min
Response: 6090455
Conc: 45.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.432 min
Delta R.T.: -0.013 min
Response: 6032378
Conc: 50.77 ug/ml m



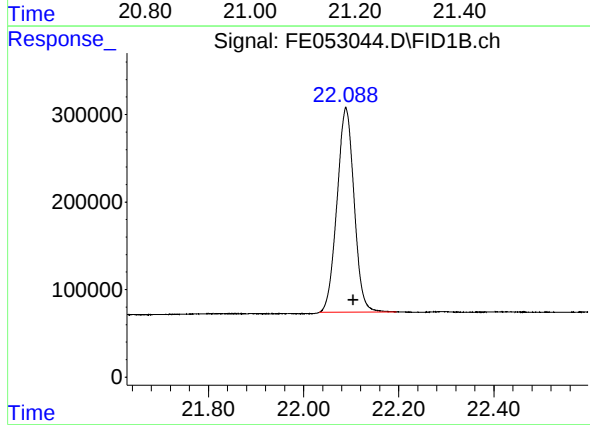
#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: -0.012 min
Response: 6121862
Conc: 55.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.088 min
Delta R.T.: -0.016 min
Response: 5844772
Conc: 54.06 ug/ml m