

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100423AL\
 Data File : FE044580.D
 Signal(s) : FID1B.ch
 Acq On : 04 Oct 2023 14:10
 Operator : YP\AJ
 Sample : PB156097BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB156097BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :Ankita Jodhani 10/05/2023

Integration File: autoint1.e
 Quant Time: Oct 05 00:17:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 2023
 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)	11.923	8465105	45.090 ug/ml
Spiked Amount 50.000		Recovery =	90.18%
12) S 1-chlorooctadecane (S...	13.362	6653382	48.906 ug/ml
Spiked Amount 50.000		Recovery =	97.81%
Target Compounds			
1) T n-Nonane (C9)	3.321	7082376	43.624 ug/ml
2) T n-Decane (C10)	4.566	7693286	46.460 ug/ml
3) T A~Naphthalene (C11.7)	6.262	8259007	46.195 ug/ml
4) T n-Dodecane (C12)	6.725	8158612	49.050 ug/ml
5) T A~2-methylnaphthalene...	7.356	8145621	47.611 ug/ml
6) T n-Tetradecane (C14)	8.553	8184062	49.852 ug/ml
7) T n-Hexadecane (C16)	10.161	8279651	48.874 ug/ml
8) T n-Octadecane (C18)	11.607	8275568	48.740 ug/ml
10) T n-Eicosane (C20)	12.918	8261219	51.347 ug/ml
11) T n-Heneicosane (C21)	13.530	7892037	50.401 ug/ml
13) T n-Docosane (C22)	14.117	7764683	50.344 ug/ml
14) T n-Tetracosane (C24)	15.203	14751402	97.584 ug/mlm
15) T n-Hexacosane (C26)	16.245	7291115	49.567 ug/ml
16) T n-Octacosane (C28)	17.194	7267989	50.675 ug/ml
17) T n-Tricontane (C30)	18.084	7176893	48.416 ug/ml
18) T n-Dotriacontane (C32)	18.917	7055572	47.661 ug/ml
19) T n-Tetratriacontane (C34)	19.702	7064818	48.342 ug/ml
20) T n-Hexatriacontane (C36)	20.442	6855984	47.265 ug/ml
21) T n-Octatriacontane (C38)	21.184	7210402	48.137 ug/ml
22) T n-Tetracontane (C40)	22.102	7421622	47.028 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 9 Sample Multiplier: 1

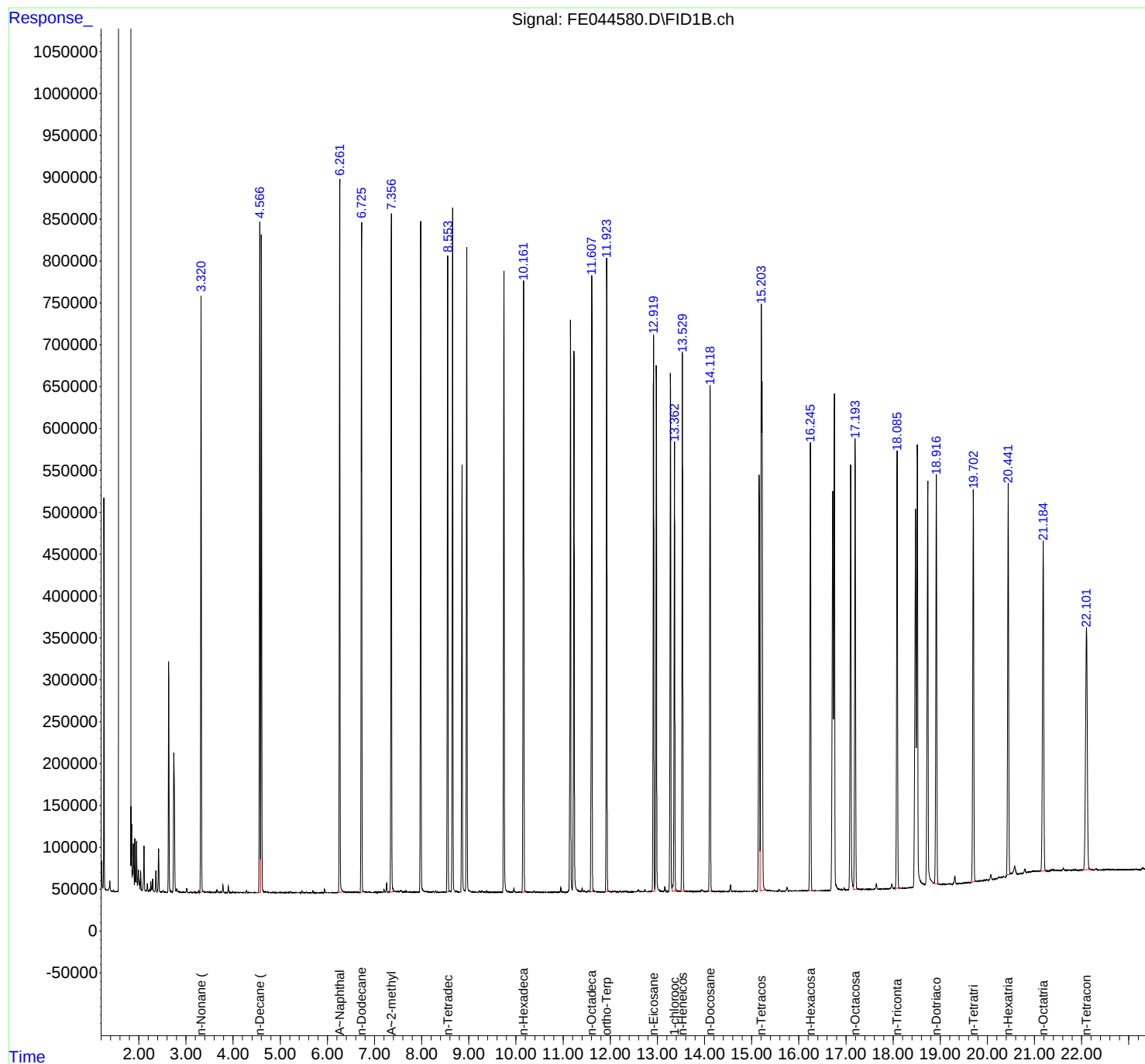
Instrument :
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PB156097BSD

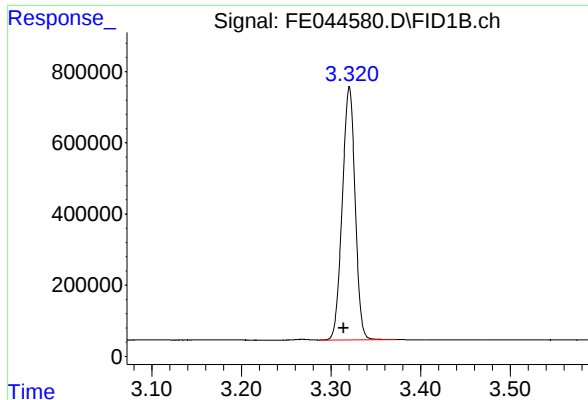
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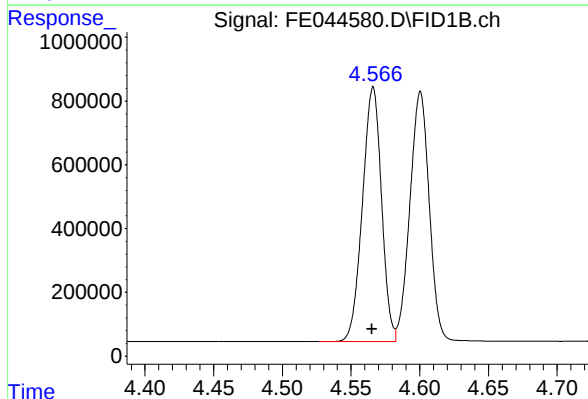
#1 n-Nonane (C9)

R.T.: 3.321 min
Delta R.T.: 0.006 min
Response: 7082376
Conc: 43.62 ug/ml

Instrument :
FID_E
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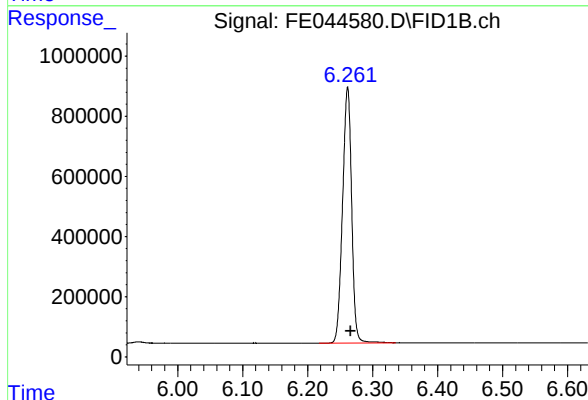
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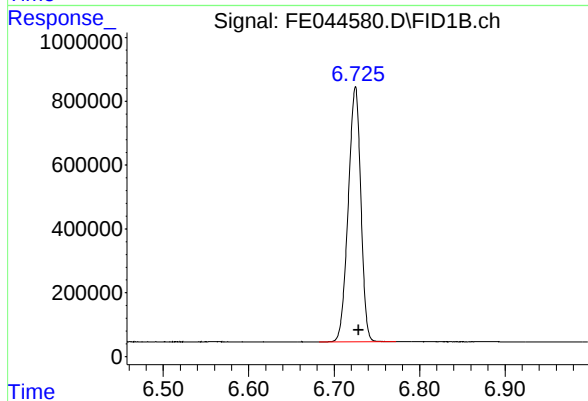
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: 0.001 min
Response: 7693286
Conc: 46.46 ug/ml



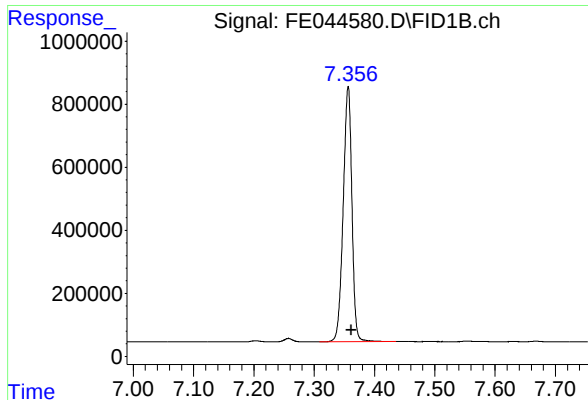
#3 A~Naphthalene (C11.7)

R.T.: 6.262 min
Delta R.T.: -0.005 min
Response: 8259007
Conc: 46.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.725 min
Delta R.T.: -0.004 min
Response: 8158612
Conc: 49.05 ug/ml



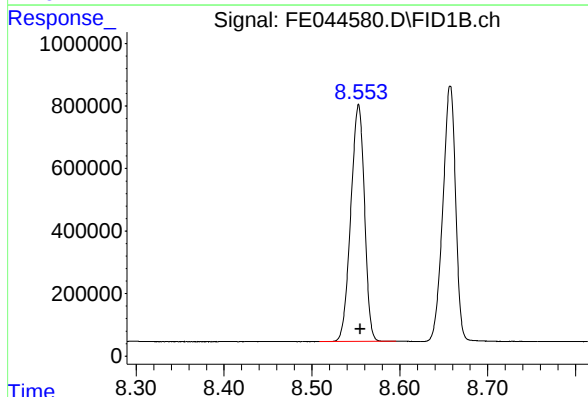
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.356 min
Delta R.T.: -0.005 min
Response: 8145621
Conc: 47.61 ug/ml

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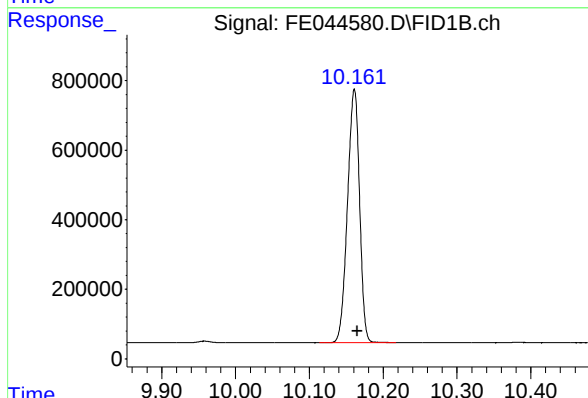
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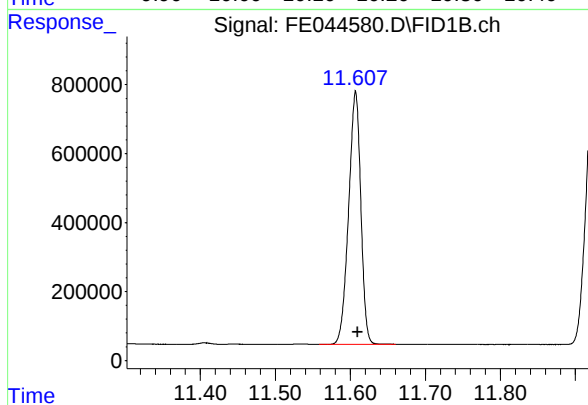
#6 n-Tetradecane (C14)

R.T.: 8.553 min
Delta R.T.: -0.002 min
Response: 8184062
Conc: 49.85 ug/ml



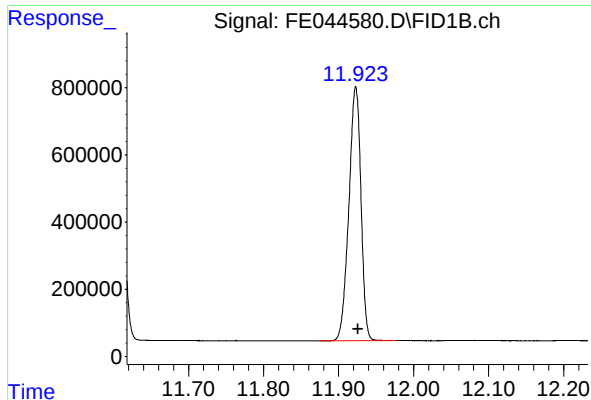
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: -0.004 min
Response: 8279651
Conc: 48.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.607 min
Delta R.T.: -0.002 min
Response: 8275568
Conc: 48.74 ug/ml



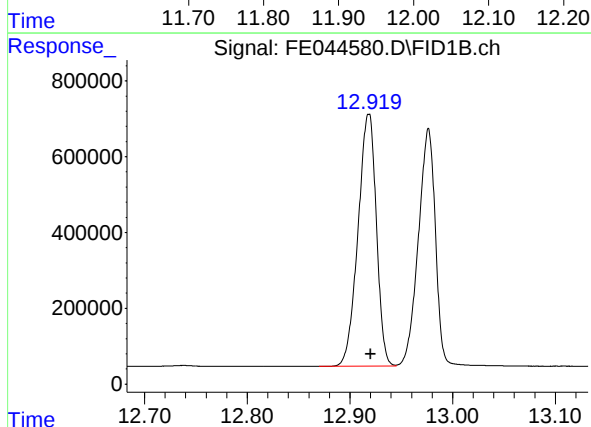
#9 ortho-Terphenyl (SURR)

R.T.: 11.923 min
Delta R.T.: -0.003 min
Response: 8465105
Conc: 45.09 ug/ml

Instrument :
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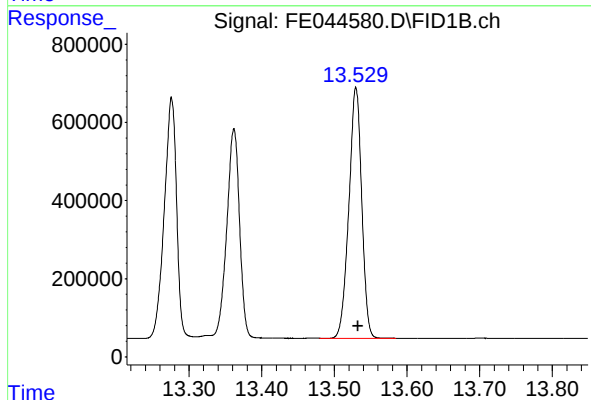
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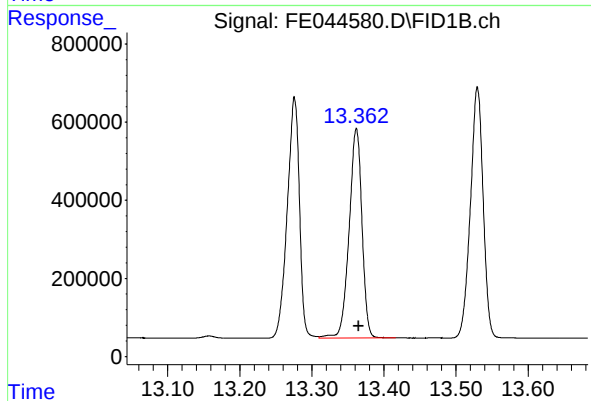
#10 n-Eicosane (C20)

R.T.: 12.918 min
Delta R.T.: -0.002 min
Response: 8261219
Conc: 51.35 ug/ml



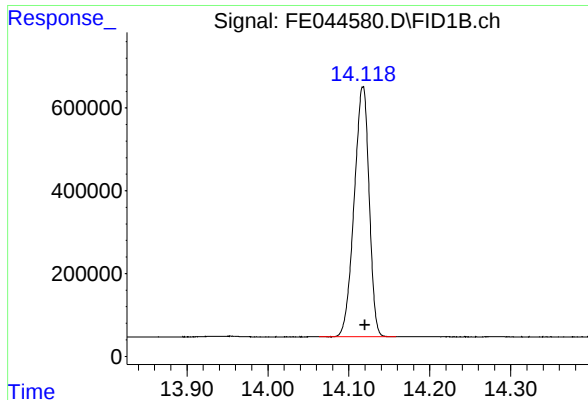
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: -0.003 min
Response: 7892037
Conc: 50.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.362 min
Delta R.T.: -0.003 min
Response: 6653382
Conc: 48.91 ug/ml



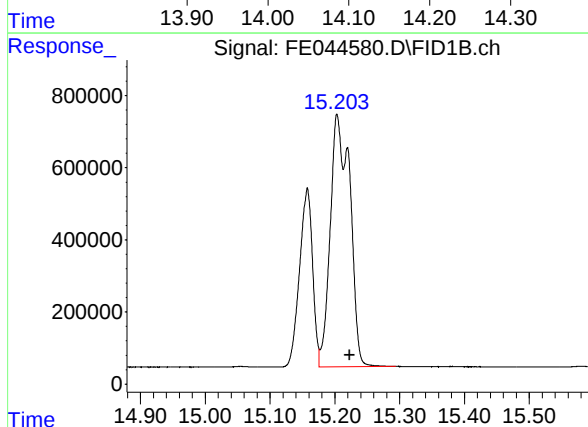
#13 n-Docosane (C22)

R.T.: 14.117 min
Delta R.T.: -0.002 min
Response: 7764683
Conc: 50.34 ug/ml

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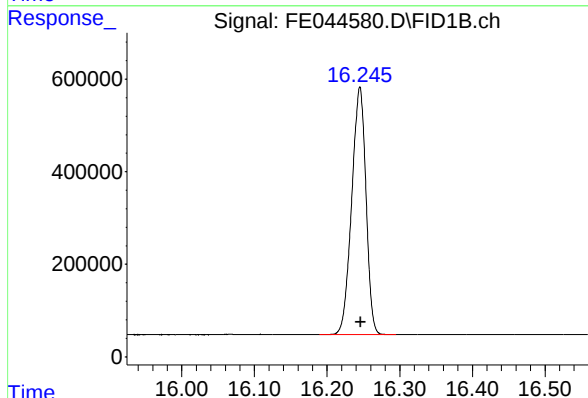
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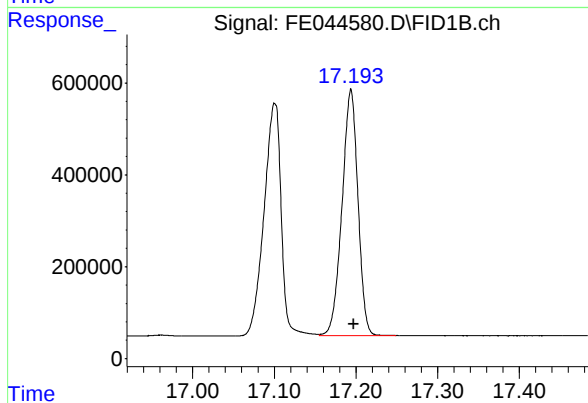
#14 n-Tetracosane (C24)

R.T.: 15.203 min
Delta R.T.: -0.020 min
Response: 14751402
Conc: 97.58 ug/ml m



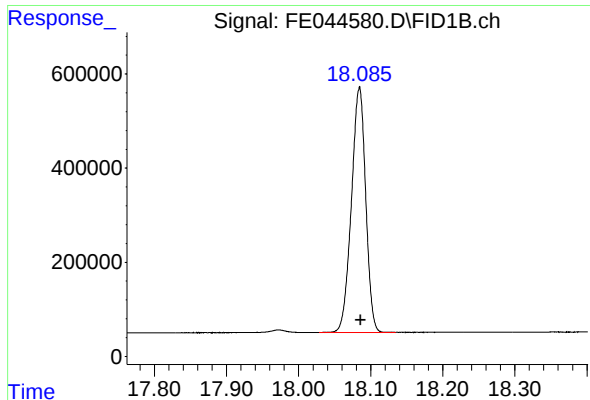
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: -0.001 min
Response: 7291115
Conc: 49.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.194 min
Delta R.T.: -0.003 min
Response: 7267989
Conc: 50.68 ug/ml



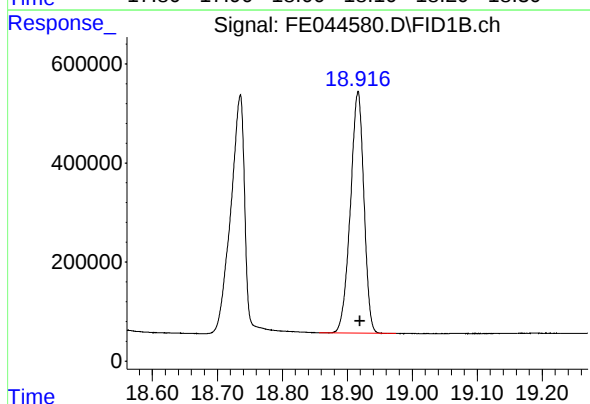
#17 n-Tricontane (C30)

R.T.: 18.084 min
Delta R.T.: -0.002 min
Response: 7176893
Conc: 48.42 ug/ml

Instrument :
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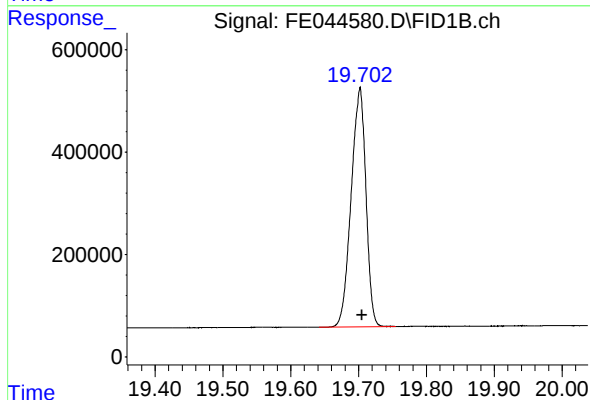
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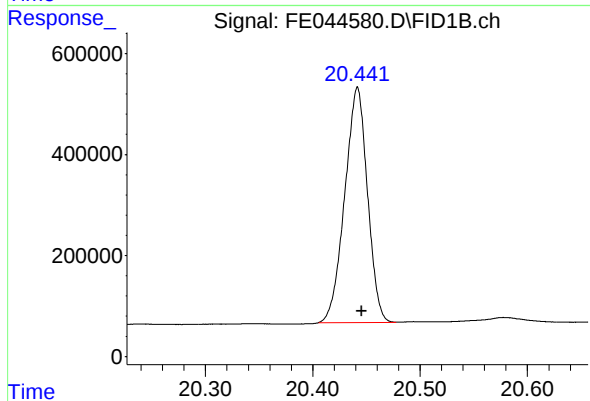
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: -0.003 min
Response: 7055572
Conc: 47.66 ug/ml



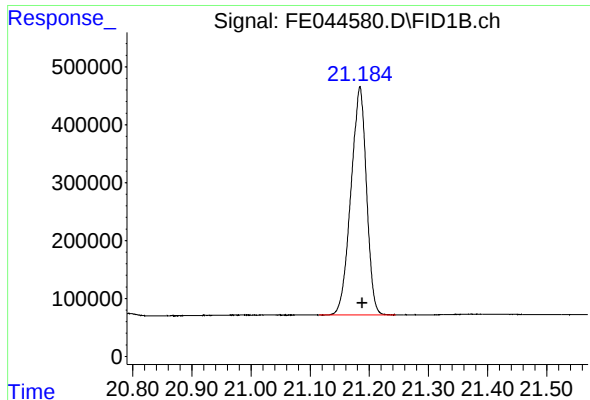
#19 n-Tetratriacontane (C34)

R.T.: 19.702 min
Delta R.T.: -0.003 min
Response: 7064818
Conc: 48.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.442 min
Delta R.T.: -0.004 min
Response: 6855984
Conc: 47.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: -0.004 min
Response: 7210402
Conc: 48.14 ug/ml

Instrument :

FID_E

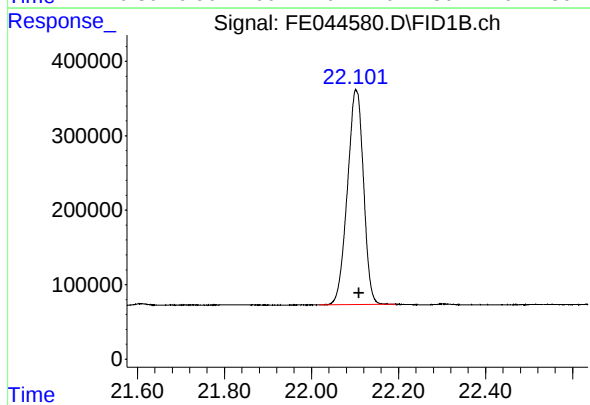
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#22 n-Tetracontane (C40)

R.T.: 22.102 min
Delta R.T.: -0.007 min
Response: 7421622
Conc: 47.03 ug/ml