

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090122AL\
 Data File : FE037374.D
 Signal(s) : FID1B.ch
 Acq On : 01 Sep 2022 10:20
 Operator : YP\AJ
 Sample : PB147373BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147373BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/02/2022
 Supervised By :Ankita Jodhani 09/02/2022

Integration File: autoint1.e
 Quant Time: Sep 02 02:18:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 2022
 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)	11.643	7791520	46.106 ug/ml
Spiked Amount 50.000		Recovery =	92.21%
12) S 1-chlorooctadecane (S...	13.063	6398246	49.715 ug/ml
Spiked Amount 50.000		Recovery =	99.43%
Target Compounds			
1) T n-Nonane (C9)	3.053	6309451	41.237 ug/ml
2) T n-Decane (C10)	4.303	6402215	41.525 ug/ml
3) T A~Naphthalene (C11.7)	6.011	6691373	46.445 ug/ml
4) T n-Dodecane (C12)	6.467	6900025	43.634 ug/ml
5) T A~2-methylnaphthalene...	7.103	6722672	48.152 ug/ml
6) T n-Tetradecane (C14)	9.885	7678320	48.458 ug/ml
7) T n-Hexadecane (C16)	9.885	7678320	48.458 ug/ml
8) T n-Octadecane (C18)	11.320	7879648	49.482 ug/ml
10) T n-Eicosane (C20)	12.623	7589637	47.969 ug/ml
11) T n-Heneicosane (C21)	13.230	7479859	47.434 ug/ml
13) T n-Docosane (C22)	13.812	7345205	47.185 ug/ml
14) T n-Tetracosane (C24)	14.908	13911193	92.492 ug/ml
15) T n-Hexacosane (C26)	15.926	6826766	47.145 ug/ml
16) T n-Octacosane (C28)	16.869	7561719	54.582 ug/ml
17) T n-Tricontane (C30)	17.754	6478135	47.622 ug/ml
18) T n-Dotriacontane (C32)	18.580	6637040	49.703 ug/ml
19) T n-Tetratriacontane (C34)	19.358	6498965	51.364 ug/ml
20) T n-Hexatriacontane (C36)	20.092	6381003	49.614 ug/mlm
21) T n-Octatriacontane (C38)	20.791	6201608	49.828 ug/ml
22) T n-Tetracontane (C40)	21.572	6701535	51.984 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 7 Sample Multiplier: 1

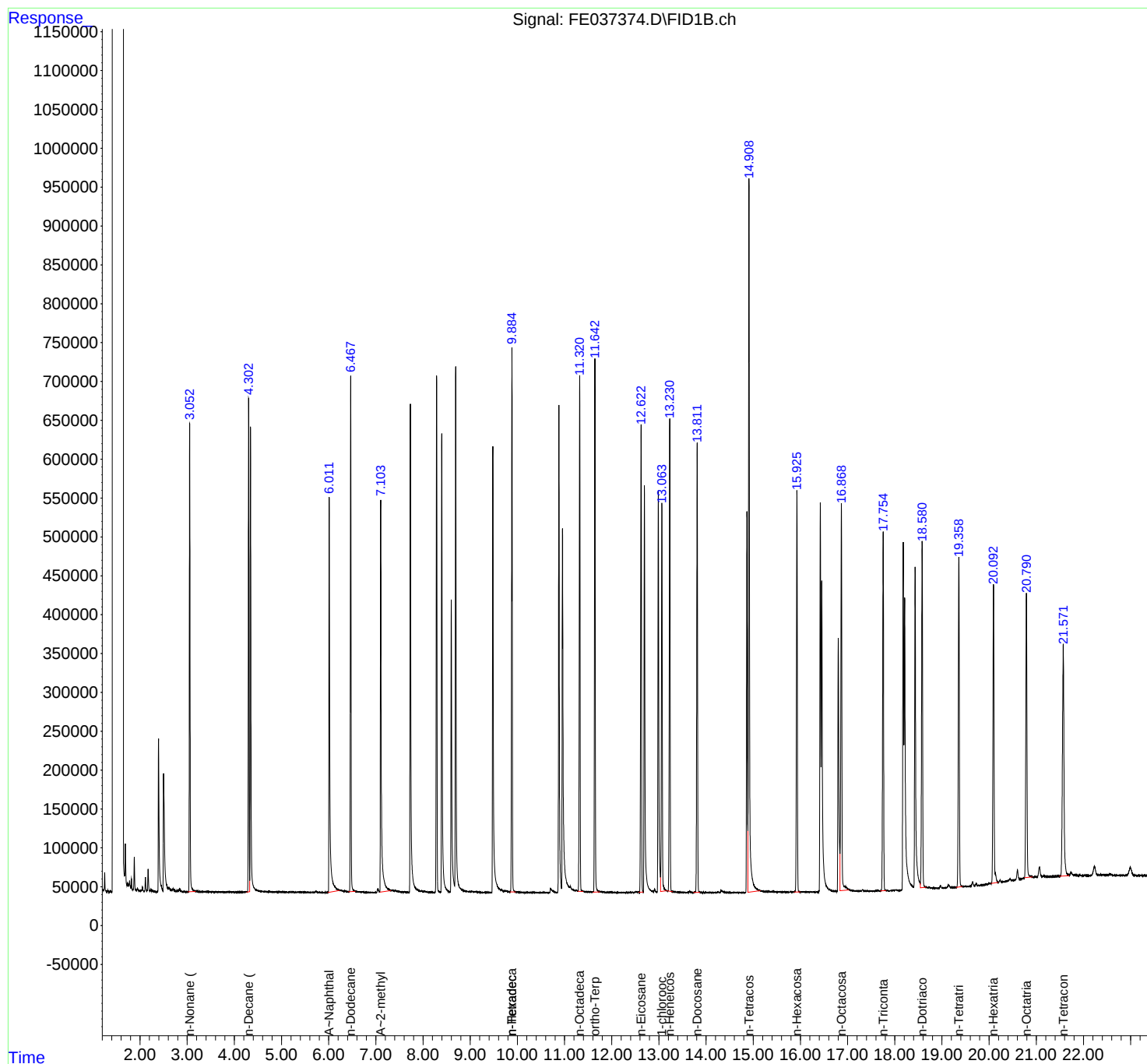
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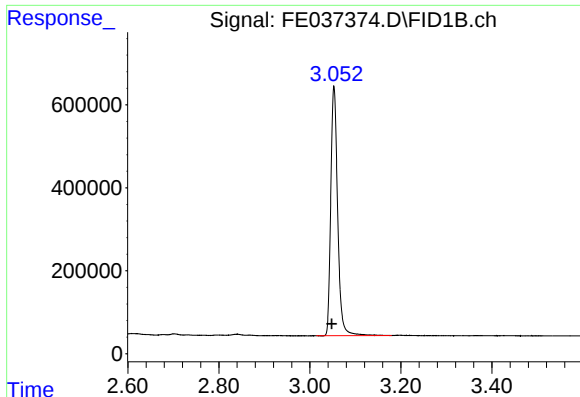
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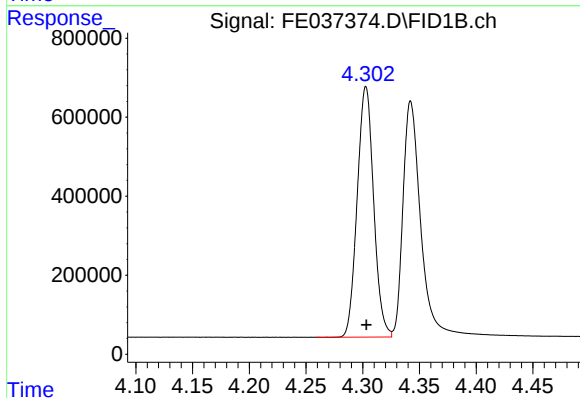
#1 n-Nonane (C9)

R.T.: 3.053 min
Delta R.T.: 0.005 min
Response: 6309451
Conc: 41.24 ug/ml

Instrument :
FID_E
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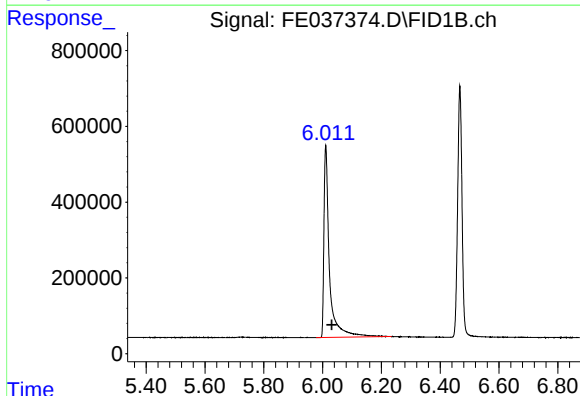
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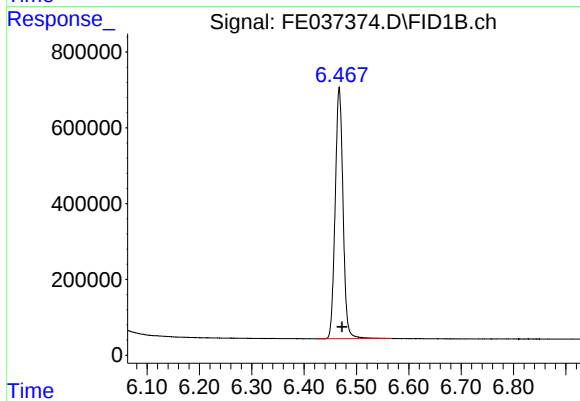
#2 n-Decane (C10)

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 6402215
Conc: 41.53 ug/ml



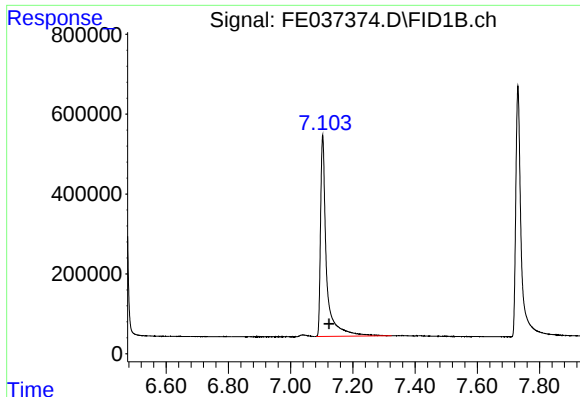
#3 A~Naphthalene (C11.7)

R.T.: 6.011 min
Delta R.T.: -0.020 min
Response: 6691373
Conc: 46.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.467 min
Delta R.T.: -0.005 min
Response: 6900025
Conc: 43.63 ug/ml



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

R.T.: 7.103 min
Delta R.T.: -0.020 min
Response: 6722672
Conc: 48.15 ug/ml

Instrument :

FID_E

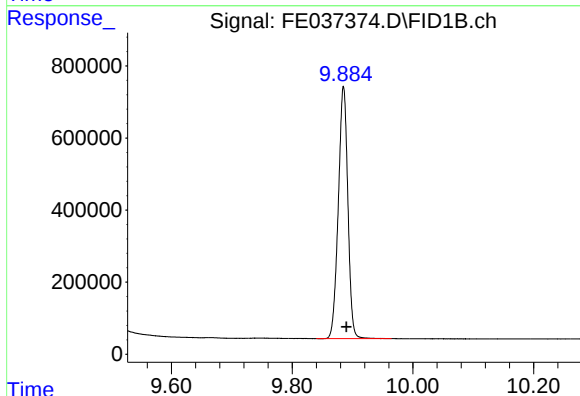
ClientSampleId :

PB147373BS

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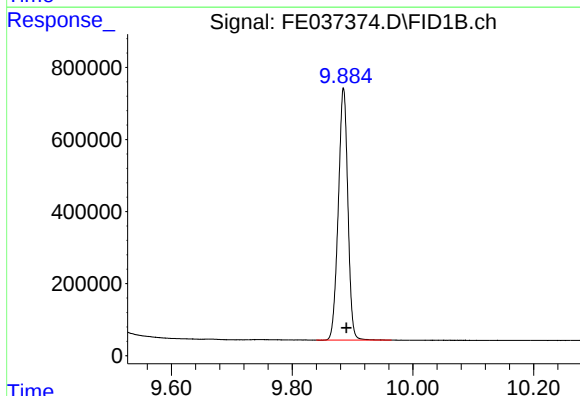
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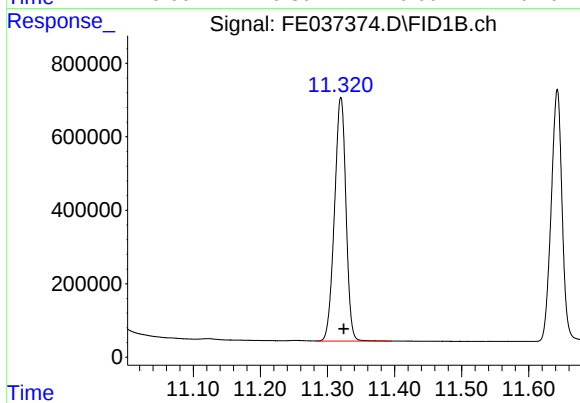
#6 n-Tetradecane (C14)

R.T.: 9.885 min
Delta R.T.: -0.005 min
Response: 7678320
Conc: 48.46 ug/ml



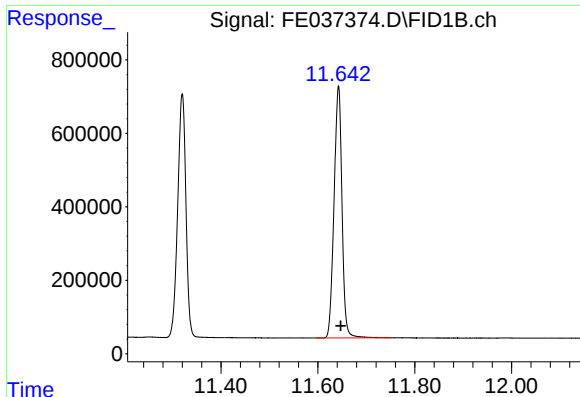
#7 n-Hexadecane (C16)

R.T.: 9.885 min
Delta R.T.: -0.005 min
Response: 7678320
Conc: 48.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.320 min
Delta R.T.: -0.004 min
Response: 7879648
Conc: 49.48 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.643 min
Delta R.T.: -0.004 min
Response: 7791520
Conc: 46.11 ug/ml

Instrument :

FID_E

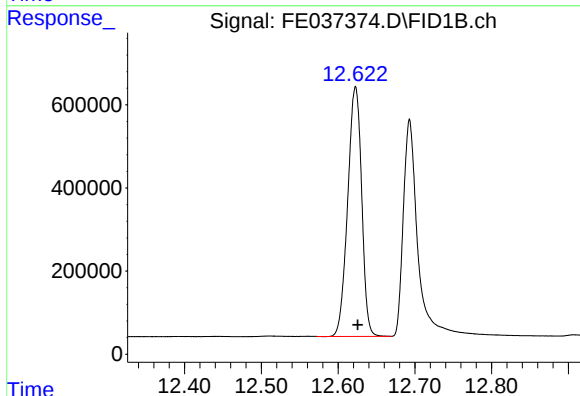
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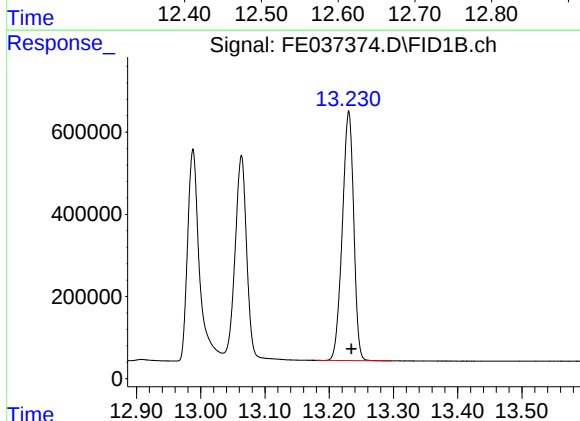
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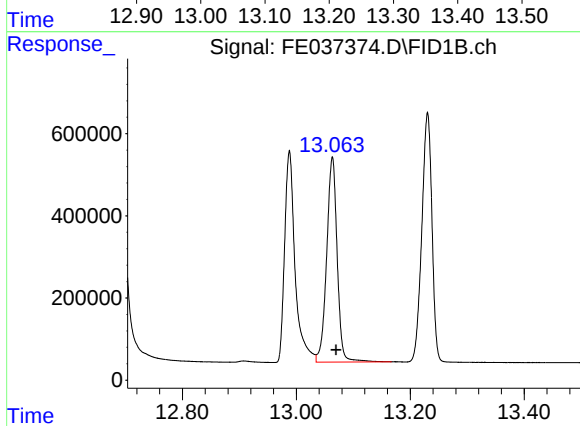
#10 n-Eicosane (C20)

R.T.: 12.623 min
Delta R.T.: -0.003 min
Response: 7589637
Conc: 47.97 ug/ml



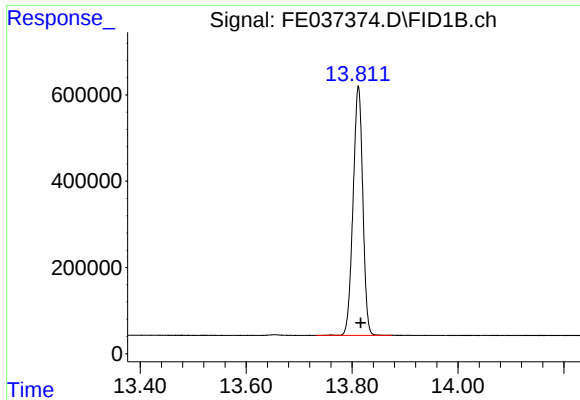
#11 n-Heneicosane (C21)

R.T.: 13.230 min
Delta R.T.: -0.004 min
Response: 7479859
Conc: 47.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.063 min
Delta R.T.: -0.006 min
Response: 6398246
Conc: 49.71 ug/ml



#13 n-Docosane (C22)

R.T.: 13.812 min
Delta R.T.: -0.004 min
Response: 7345205
Conc: 47.18 ug/ml

Instrument :

FID_E

ClientSampleId :

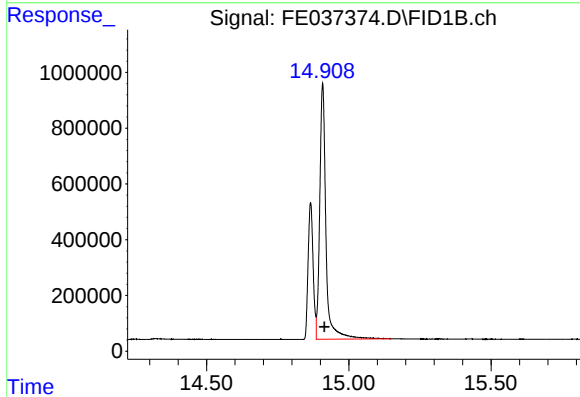
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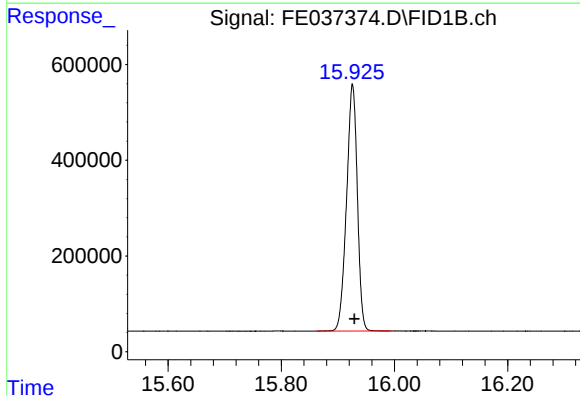
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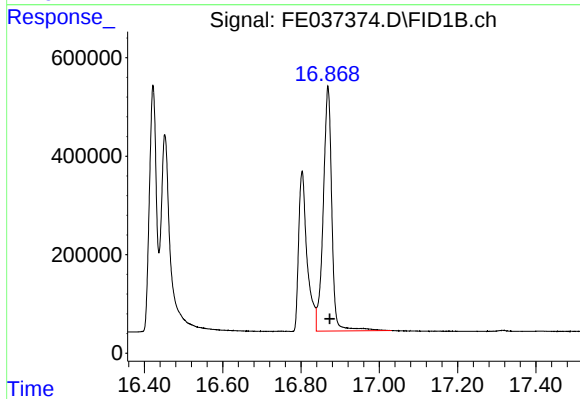
#14 n-Tetracosane (C24)

R.T.: 14.908 min
Delta R.T.: -0.007 min
Response: 13911193
Conc: 92.49 ug/ml



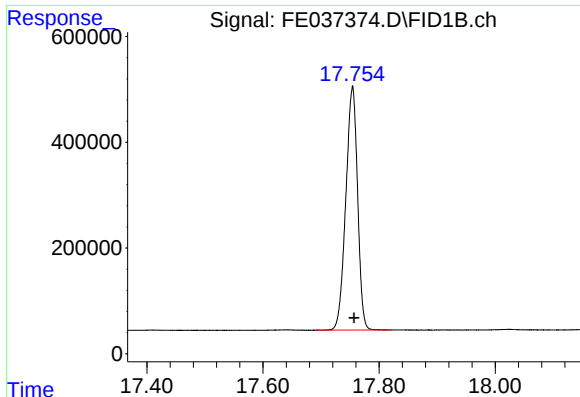
#15 n-Hexacosane (C26)

R.T.: 15.926 min
Delta R.T.: -0.004 min
Response: 6826766
Conc: 47.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.869 min
Delta R.T.: -0.005 min
Response: 7561719
Conc: 54.58 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.754 min
Delta R.T.: -0.002 min
Response: 6478135
Conc: 47.62 ug/ml

Instrument :

FID_E

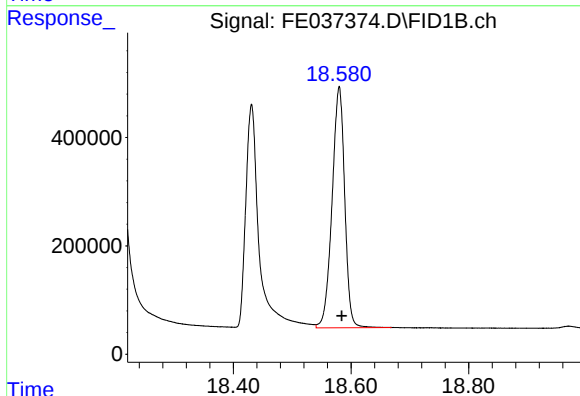
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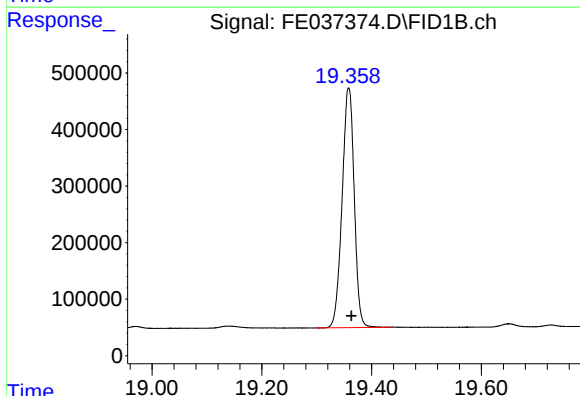
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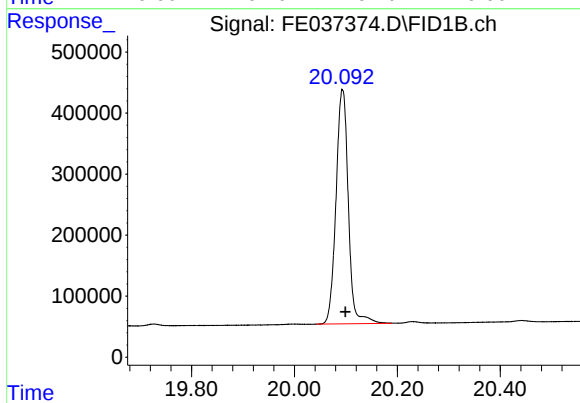
#18 n-Dotriacontane (C32)

R.T.: 18.580 min
Delta R.T.: -0.004 min
Response: 6637040
Conc: 49.70 ug/ml



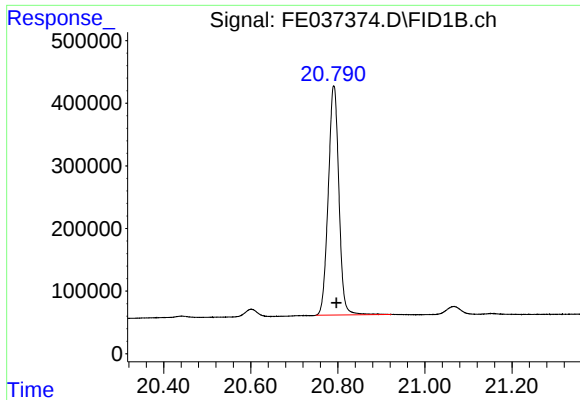
#19 n-Tetratriacontane (C34)

R.T.: 19.358 min
Delta R.T.: -0.005 min
Response: 6498965
Conc: 51.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.092 min
Delta R.T.: -0.007 min
Response: 6381003
Conc: 49.61 ug/ml m



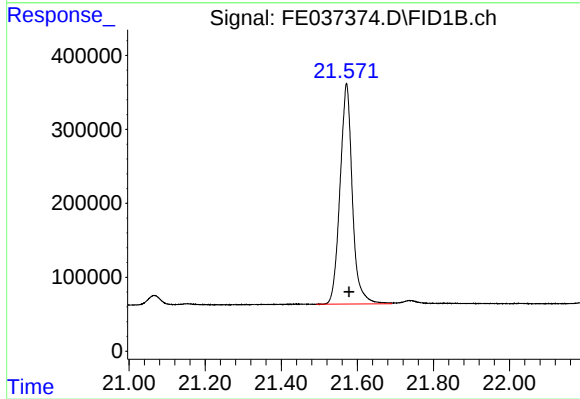
#21 n-Octatriacontane (C38)

R.T.: 20.791 min
Delta R.T.: -0.006 min
Response: 6201608
Conc: 49.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.572 min
Delta R.T.: -0.007 min
Response: 6701535
Conc: 51.98 ug/ml