

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101624AL\
 Data File : FE050694.D
 Signal(s) : FID1B.ch
 Acq On : 16 Oct 2024 14:16
 Operator : YP\AJ
 Sample : PB164175BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB164175BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2024
 Supervised By :Ankita Jodhani 10/17/2024

Integration File: autoint1.e
 Quant Time: Oct 17 02:57:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 2024
 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)	11.860	6643147	42.137 ug/ml
Spiked Amount 50.000		Recovery =	84.27%
12) S 1-chlorooctadecane (S...	13.293	5540962	46.841 ug/ml
Spiked Amount 50.000		Recovery =	93.68%
Target Compounds			
1) T n-Nonane (C9)	3.258	5730861	40.561 ug/ml
2) T n-Decane (C10)	4.504	6075927	42.348 ug/ml
3) T A~Naphthalene (C11.7)	6.209	6747179	47.186 ug/ml
4) T n-Dodecane (C12)	6.667	6430088	44.674 ug/ml
5) T A~2-methylnaphthalene...	7.305	6388410	48.222 ug/ml
6) T n-Tetradecane (C14)	8.494	6711023	46.908 ug/ml
7) T n-Hexadecane (C16)	10.099	6710524	45.597 ug/ml
8) T n-Octadecane (C18)	11.540	6767641	45.308 ug/ml
10) T n-Eicosane (C20)	12.848	6739736	46.999 ug/ml
11) T n-Heneicosane (C21)	13.458	6521590	46.439 ug/ml
13) T n-Docosane (C22)	14.043	6413265	45.713 ug/ml
14) T n-Tetracosane (C24)	15.144	12508099	88.536 ug/mlm
15) T n-Hexacosane (C26)	16.165	6281220	44.637 ug/ml
16) T n-Octacosane (C28)	17.113	7418921	50.700 ug/ml
17) T n-Tricontane (C30)	18.000	6514282	40.970 ug/ml
18) T n-Dotriacontane (C32)	18.832	6484548	40.000 ug/ml
19) T n-Tetratriacontane (C34)	19.615	6609092	44.993 ug/ml
20) T n-Hexatriacontane (C36)	20.354	6196652	48.864 ug/ml
21) T n-Octatriacontane (C38)	21.078	5917843	47.861 ug/ml
22) T n-Tetracontane (C40)	21.961	5509015	49.475 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB164175BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

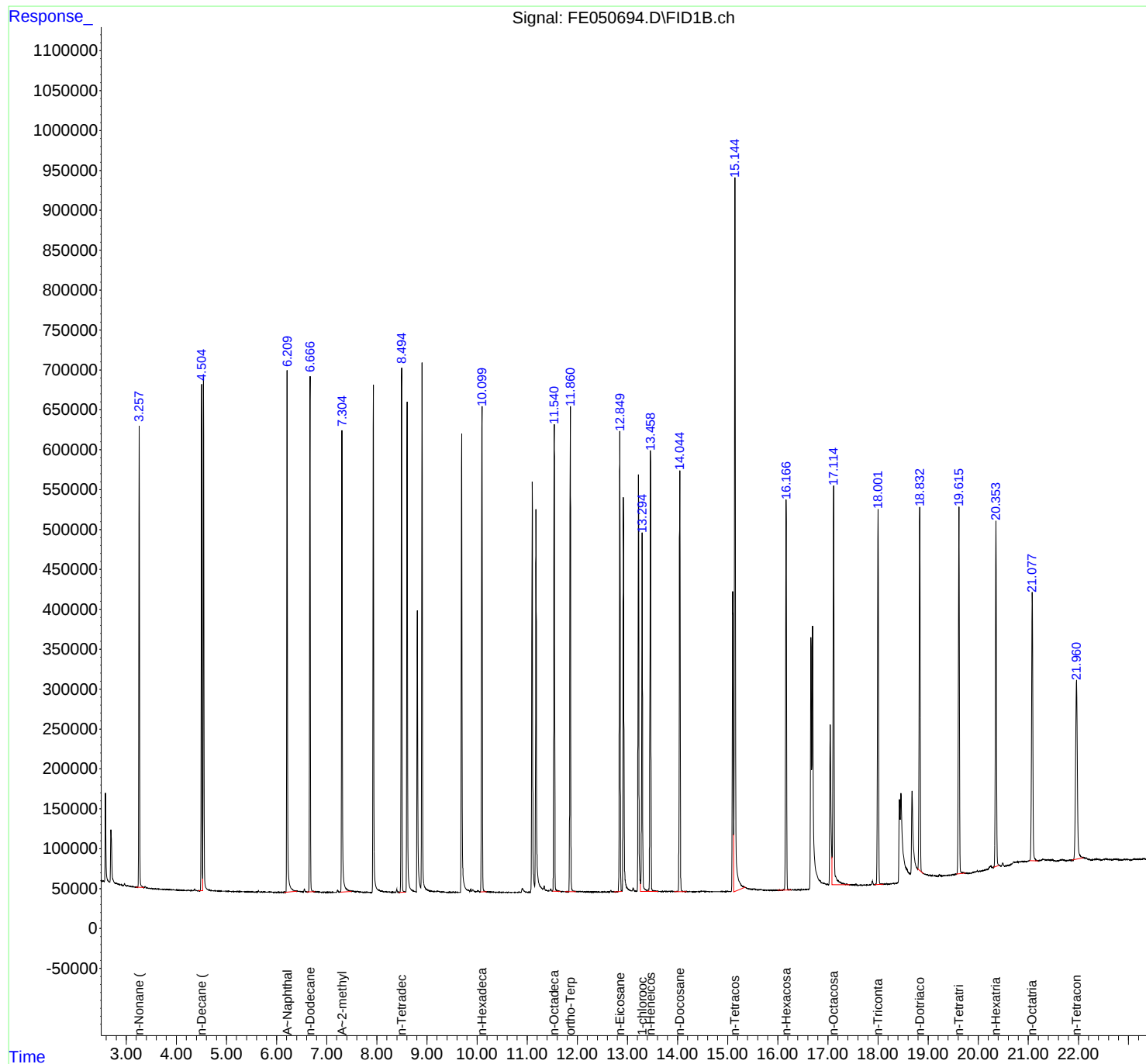
Instrument :
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ClientSampleId :
PB164175BSD

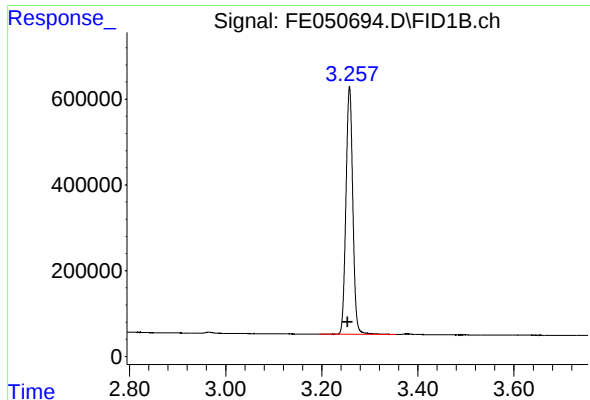
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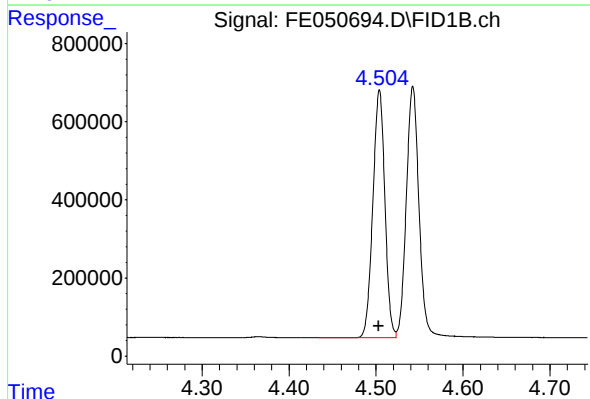
#1 n-Nonane (C9)

R.T.: 3.258 min
Delta R.T.: 0.004 min
Response: 5730861
Conc: 40.56 ug/ml

Instrument :
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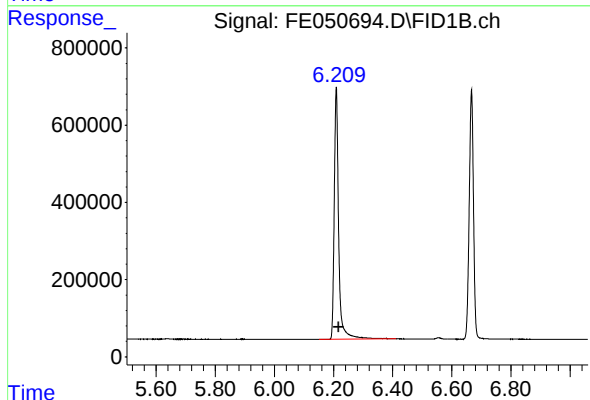
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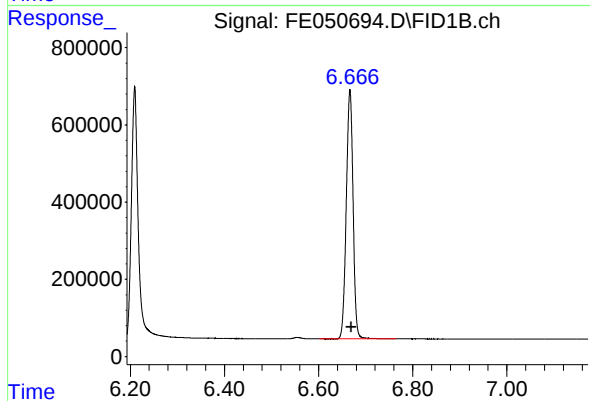
#2 n-Decane (C10)

R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 6075927
Conc: 42.35 ug/ml



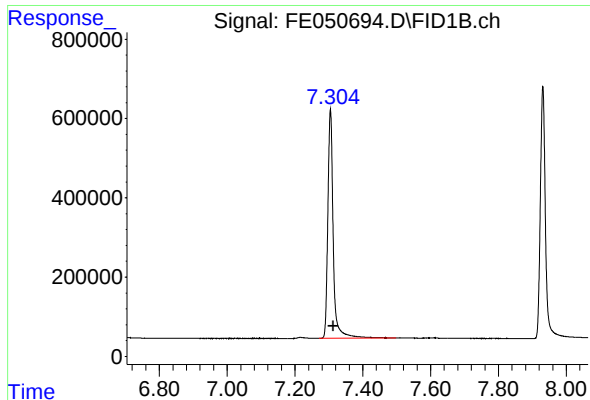
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min
Delta R.T.: -0.007 min
Response: 6747179
Conc: 47.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.667 min
Delta R.T.: -0.003 min
Response: 6430088
Conc: 44.67 ug/ml



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

R.T.: 7.305 min
Delta R.T.: -0.008 min
Response: 6388410
Conc: 48.22 ug/ml

Instrument :

FID_E

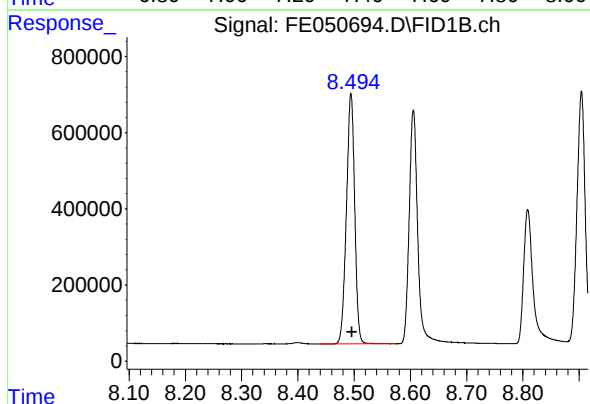
ClientSampleId :

PB164175BSD

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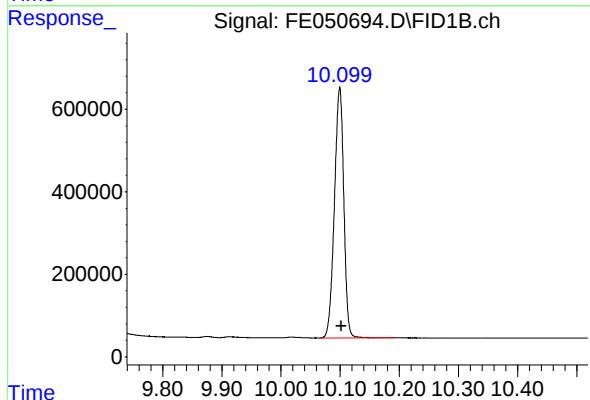
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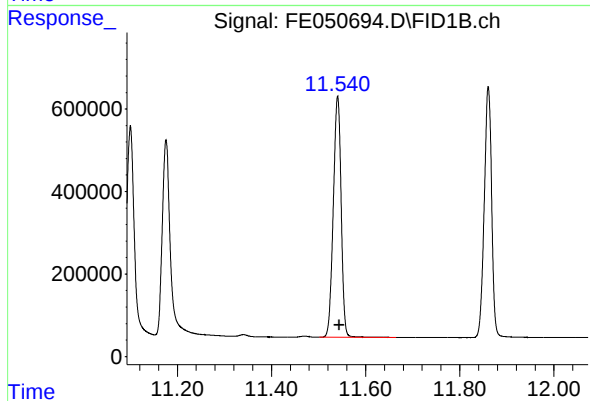
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: -0.002 min
Response: 6711023
Conc: 46.91 ug/ml



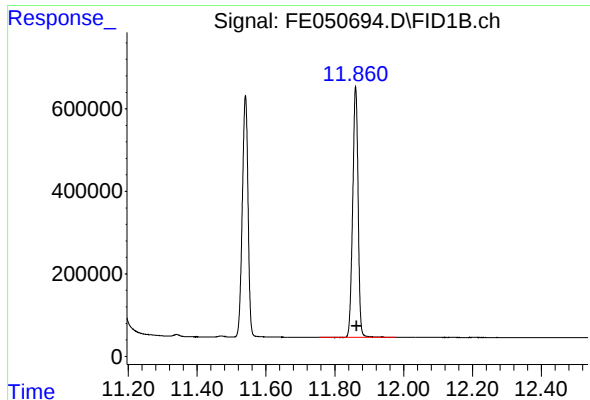
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: -0.004 min
Response: 6710524
Conc: 45.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.540 min
Delta R.T.: -0.004 min
Response: 6767641
Conc: 45.31 ug/ml



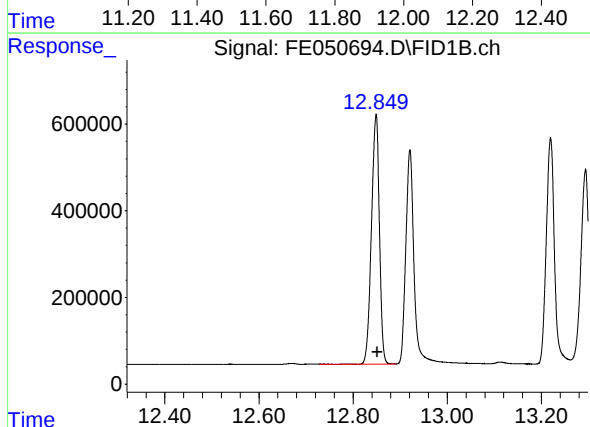
#9 ortho-Terphenyl (SURR)

R.T.: 11.860 min
Delta R.T.: -0.003 min
Response: 6643147
Conc: 42.14 ug/ml

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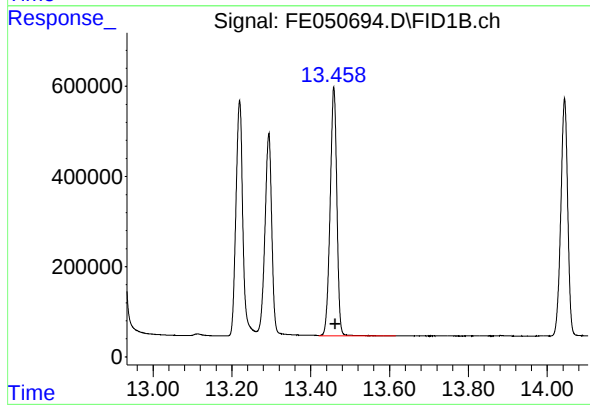
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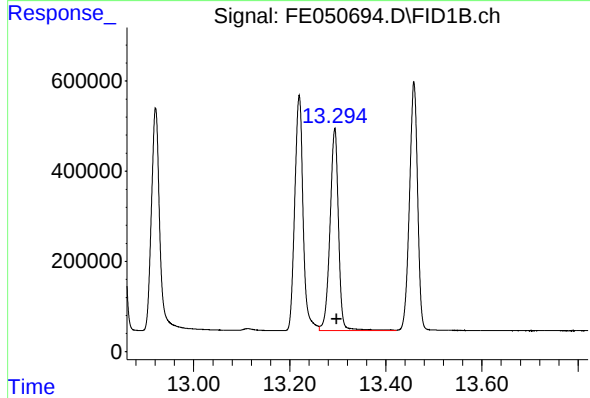
#10 n-Eicosane (C20)

R.T.: 12.848 min
Delta R.T.: -0.004 min
Response: 6739736
Conc: 47.00 ug/ml



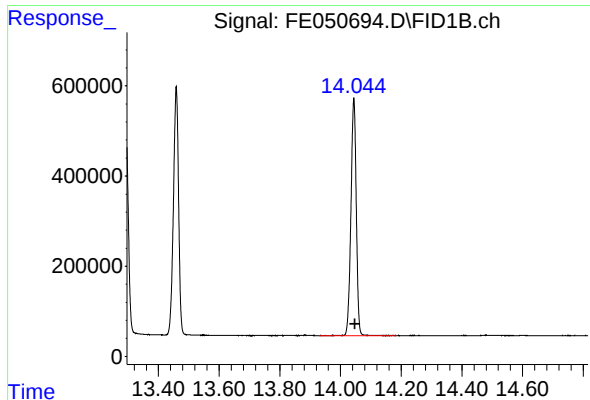
#11 n-Heneicosane (C21)

R.T.: 13.458 min
Delta R.T.: -0.005 min
Response: 6521590
Conc: 46.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.293 min
Delta R.T.: -0.005 min
Response: 5540962
Conc: 46.84 ug/ml



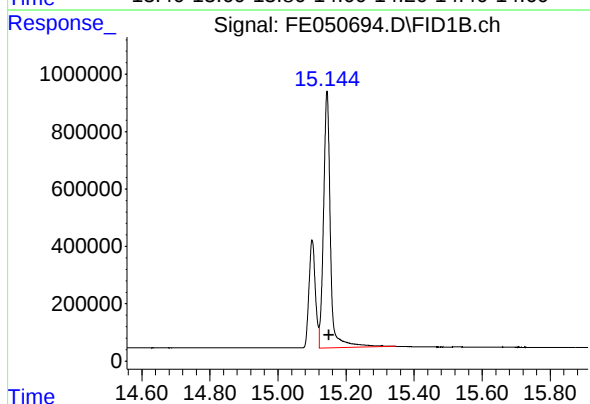
#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: -0.004 min
Response: 6413265
Conc: 45.71 ug/ml

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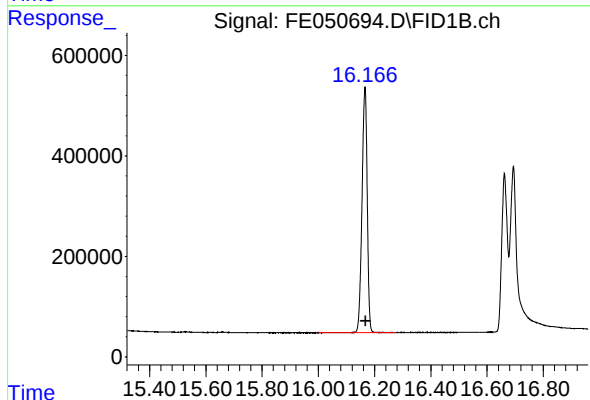
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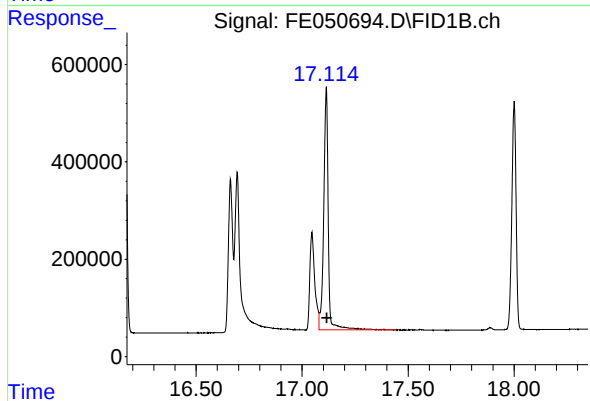
#14 n-Tetracosane (C24)

R.T.: 15.144 min
Delta R.T.: -0.006 min
Response: 12508099
Conc: 88.54 ug/ml



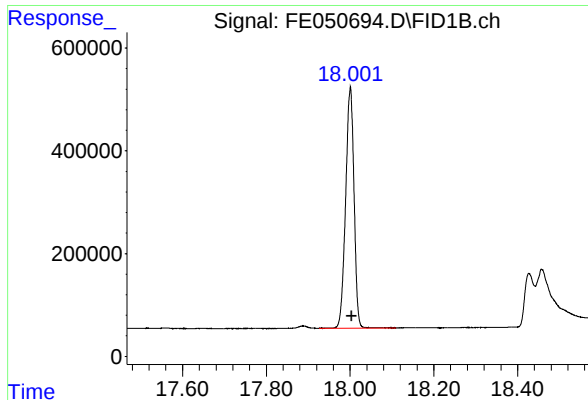
#15 n-Hexacosane (C26)

R.T.: 16.165 min
Delta R.T.: -0.004 min
Response: 6281220
Conc: 44.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.113 min
Delta R.T.: -0.004 min
Response: 7418921
Conc: 50.70 ug/ml



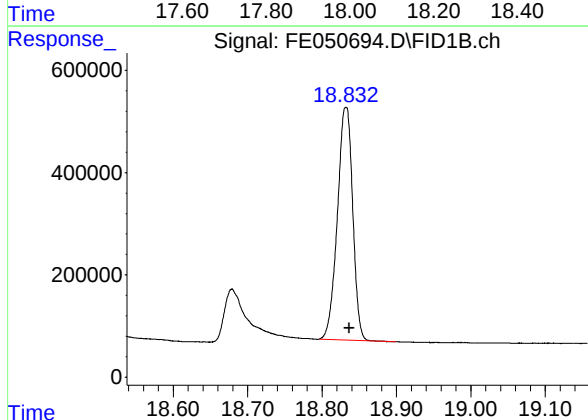
#17 n-Tricontane (C30)

R.T.: 18.000 min
Delta R.T.: -0.004 min
Response: 6514282
Conc: 40.97 ug/ml

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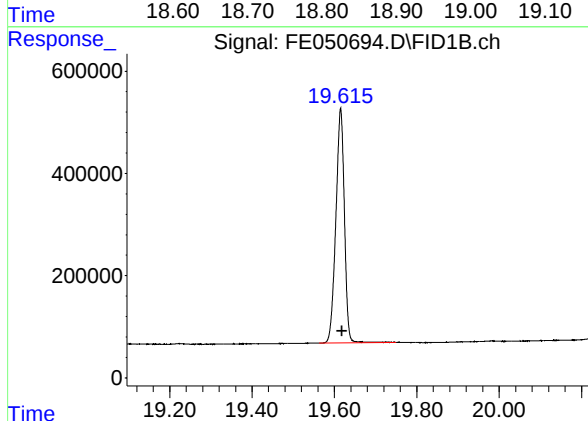
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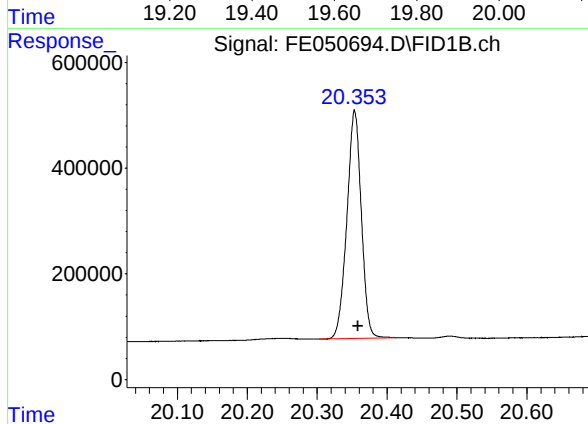
#18 n-Dotriacontane (C32)

R.T.: 18.832 min
Delta R.T.: -0.005 min
Response: 6484548
Conc: 40.00 ug/ml



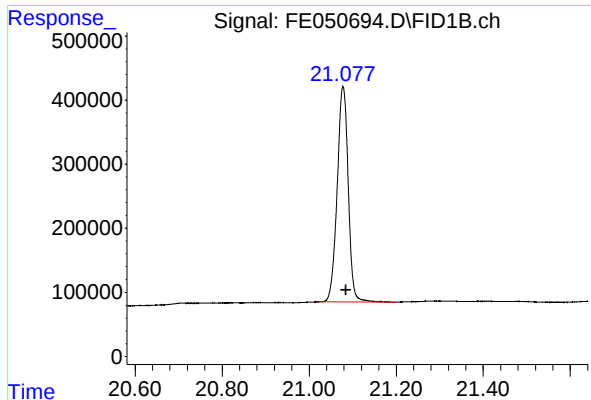
#19 n-Tetratriacontane (C34)

R.T.: 19.615 min
Delta R.T.: -0.004 min
Response: 6609092
Conc: 44.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.354 min
Delta R.T.: -0.005 min
Response: 6196652
Conc: 48.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.078 min
Delta R.T.: -0.007 min
Response: 5917843
Conc: 47.86 ug/ml

Instrument :

FID_E

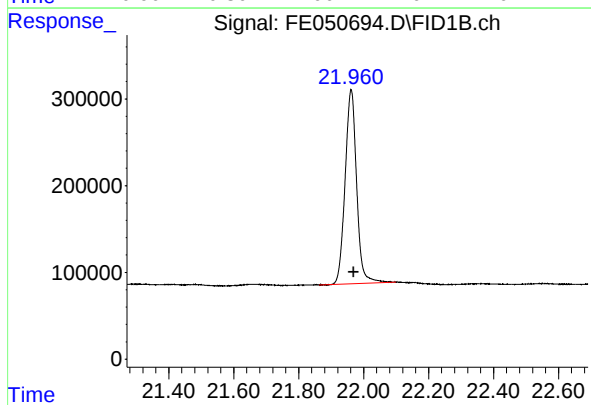
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#22 n-Tetracontane (C40)

R.T.: 21.961 min
Delta R.T.: -0.008 min
Response: 5509015
Conc: 49.47 ug/ml