

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122822AL\
 Data File : FE039535.D
 Signal(s) : FID1B.ch
 Acq On : 28 Dec 2022 22:27
 Operator : YP\AJ
 Sample : N6220-04MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-CRMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/29/2022
 Supervised By :Ankita Jodhani 12/29/2022

Integration File: autoint1.e
 Quant Time: Dec 29 03:10:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 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)	11.927	3589598	24.054 ug/ml
Spiked Amount 50.000		Recovery =	48.11%
12) S 1-chlorooctadecane (S...	13.362	2828800	24.577 ug/ml
Spiked Amount 50.000		Recovery =	49.15%
Target Compounds			
1) T n-Nonane (C9)	3.330	4899969	37.908 ug/ml
2) T n-Decane (C10)	4.577	5511480	43.254 ug/ml
3) T A~Naphthalene (C11.7)	6.274	4086490	28.269 ug/ml
4) T n-Dodecane (C12)	6.737	6070525	46.759 ug/ml
5) T A~2-methylnaphthalene...	7.369	4195313	30.977 ug/ml
6) T n-Tetradecane (C14)	8.563	6383637	48.174 ug/ml
7) T n-Hexadecane (C16)	10.170	7162286	52.061 ug/ml
8) T n-Octadecane (C18)	11.611	7639743	54.546 ug/ml
10) T n-Eicosane (C20)	12.921	7485727	54.838 ug/ml
11) T n-Heneicosane (C21)	13.532	7409200	54.323 ug/mlm
13) T n-Docosane (C22)	14.118	7429975	54.925 ug/ml
14) T n-Tetracosane (C24)	15.221	6687067	49.814 ug/mlm
15) T n-Hexacosane (C26)	16.243	7150986	54.919 ug/ml
16) T n-Octacosane (C28)	17.191	6987393	54.291 ug/ml
17) T n-Tricontane (C30)	18.079	6727683	52.254 ug/mlm
18) T n-Dotriacontane (C32)	18.911	6615432	51.084 ug/ml
19) T n-Tetratriacontane (C34)	19.695	5944268	47.116 ug/ml
20) T n-Hexatriacontane (C36)	20.435	4643617	38.403 ug/mlm
21) T n-Octatriacontane (C38)	21.168	3554639	28.783 ug/ml
22) T n-Tetracontane (C40)	22.078	2815951	22.423 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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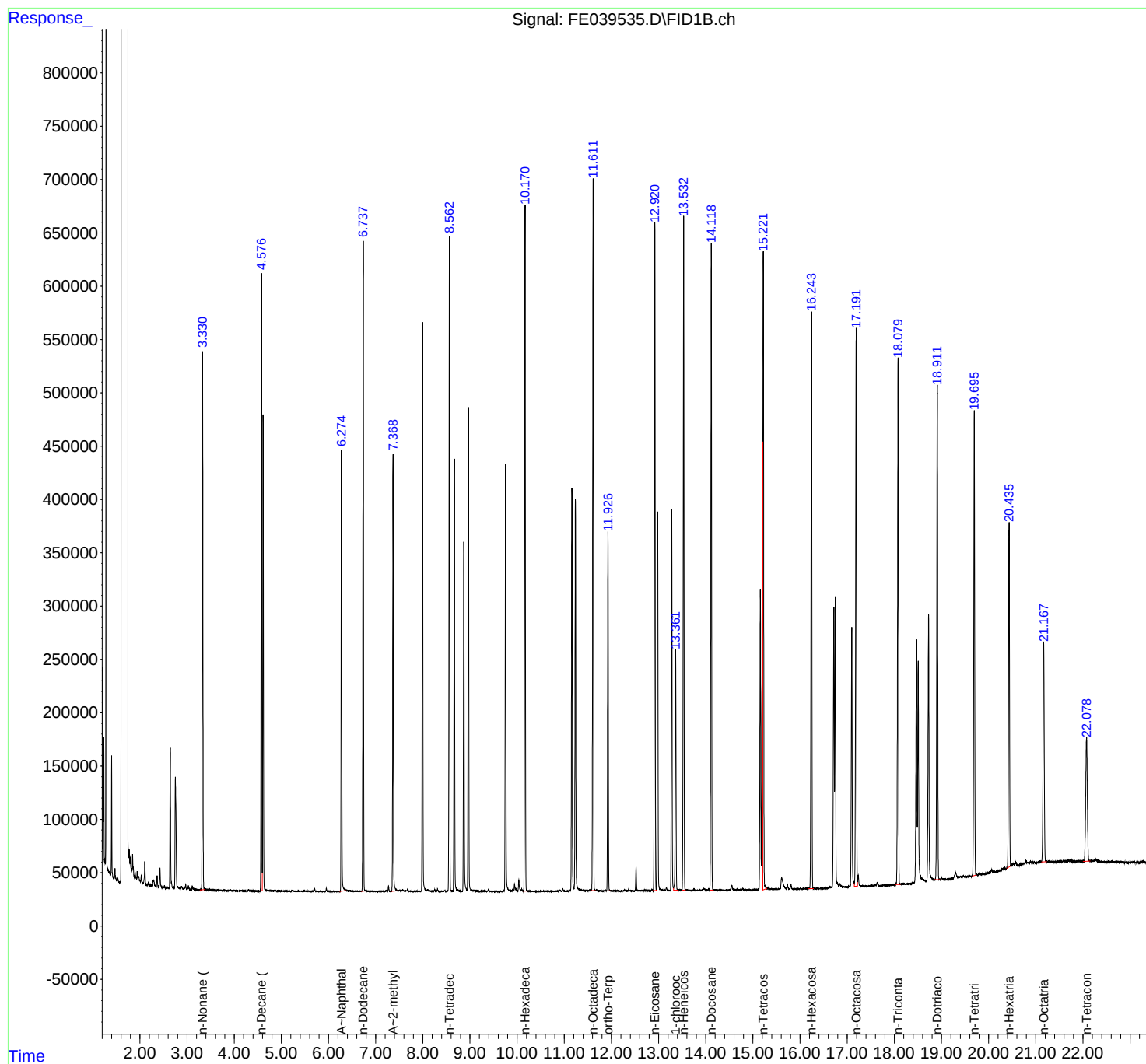
Instrument :
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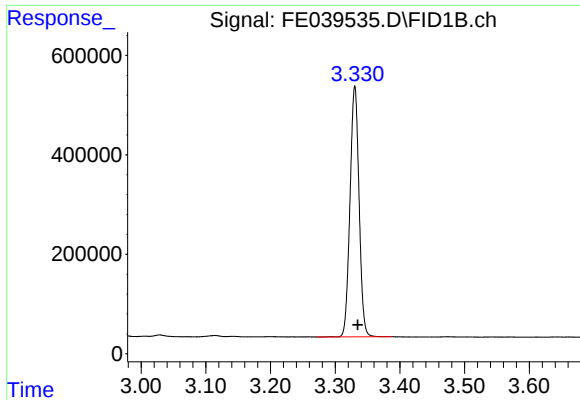
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#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: -0.005 min
Response: 4899969
Conc: 37.91 ug/ml

Instrument :

FID_E

ClientSampleId :

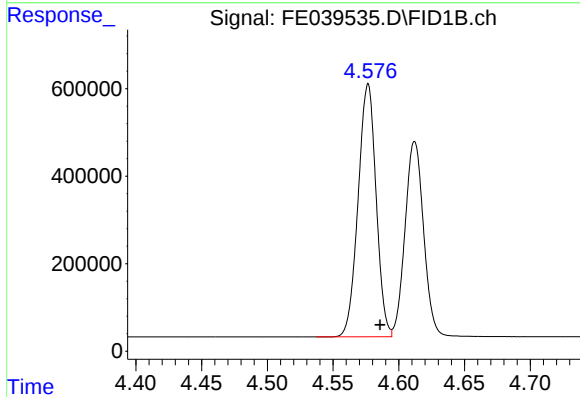
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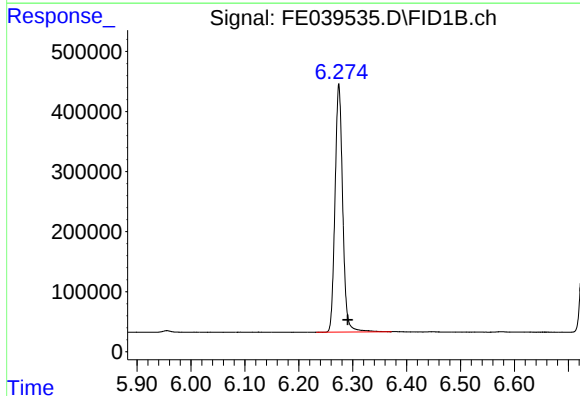
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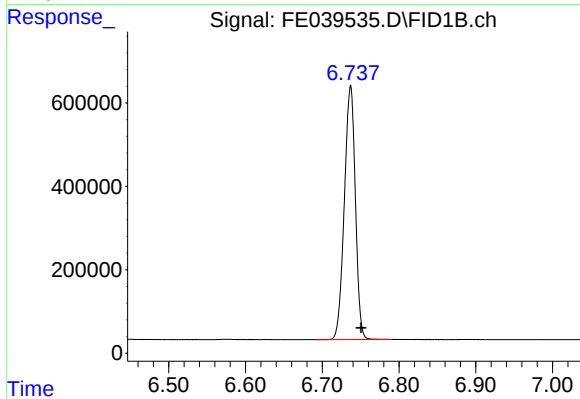
#2 n-Decane (C10)

R.T.: 4.577 min
Delta R.T.: -0.009 min
Response: 5511480
Conc: 43.25 ug/ml



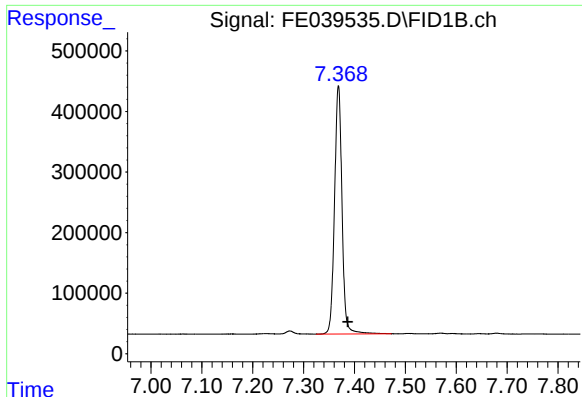
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.017 min
Response: 4086490
Conc: 28.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.737 min
Delta R.T.: -0.014 min
Response: 6070525
Conc: 46.76 ug/ml



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

R.T.: 7.369 min
Delta R.T.: -0.018 min
Response: 4195313
Conc: 30.98 ug/ml

Instrument :

FID_E

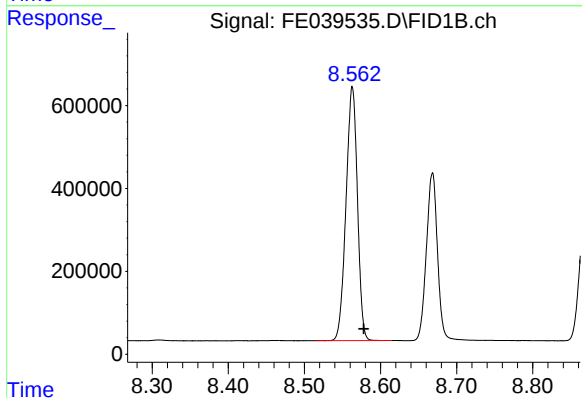
ClientSampleId :

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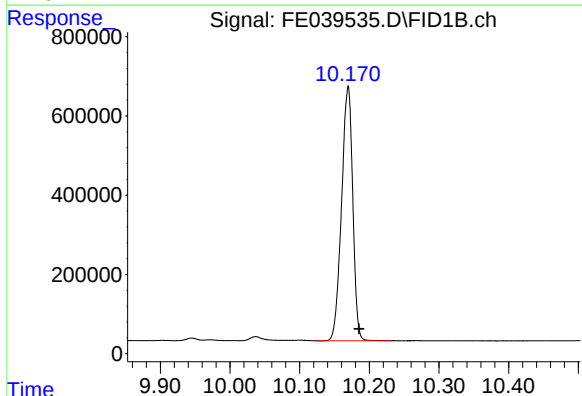
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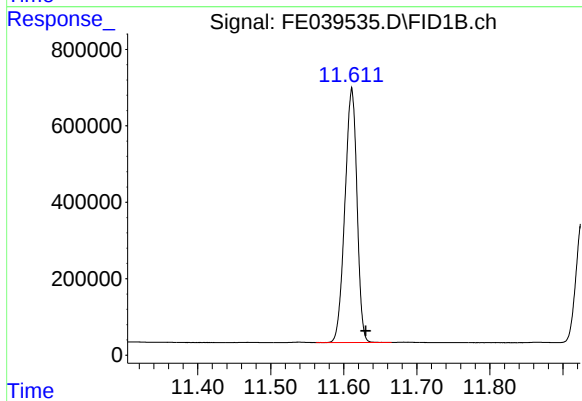
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: -0.015 min
Response: 6383637
Conc: 48.17 ug/ml



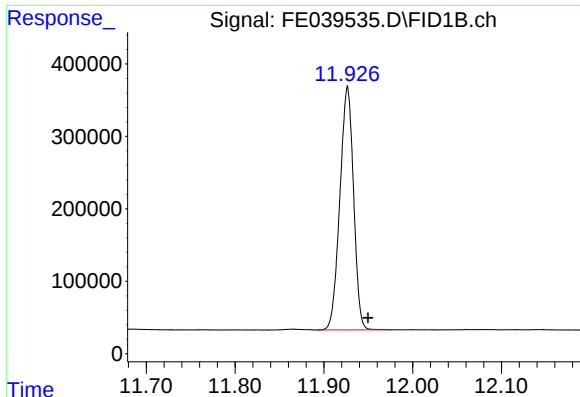
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: -0.015 min
Response: 7162286
Conc: 52.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.611 min
Delta R.T.: -0.019 min
Response: 7639743
Conc: 54.55 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.927 min
Delta R.T.: -0.023 min
Response: 3589598
Conc: 24.05 ug/ml

Instrument :

FID_E

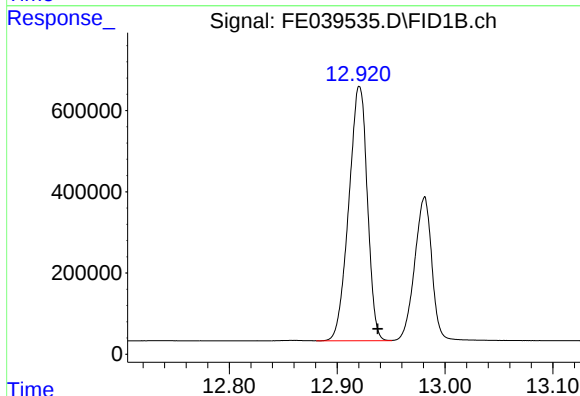
ClientSampleId :

TP-CRMSD

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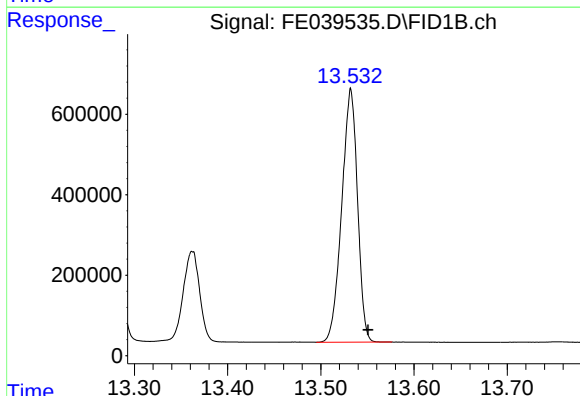
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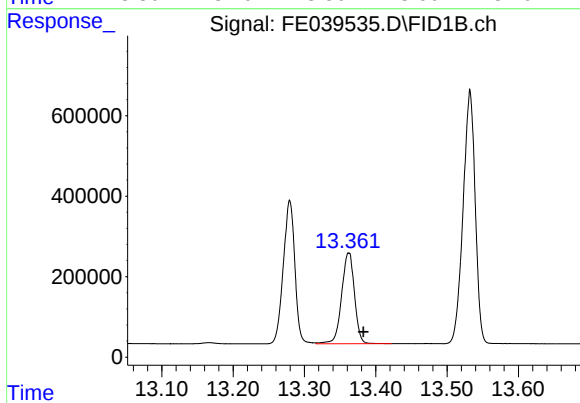
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: -0.017 min
Response: 7485727
Conc: 54.84 ug/ml



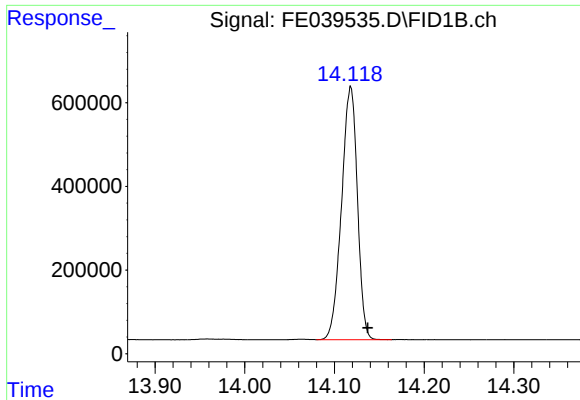
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: -0.019 min
Response: 7409200
Conc: 54.32 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.362 min
Delta R.T.: -0.021 min
Response: 2828800
Conc: 24.58 ug/ml



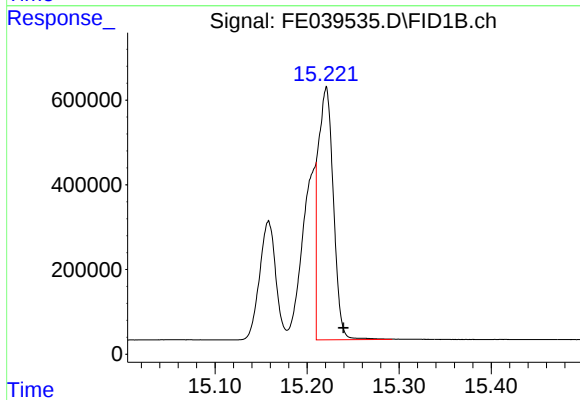
#13 n-Docosane (C22)

R.T.: 14.118 min
Delta R.T.: -0.019 min
Response: 7429975
Conc: 54.92 ug/ml

Instrument :
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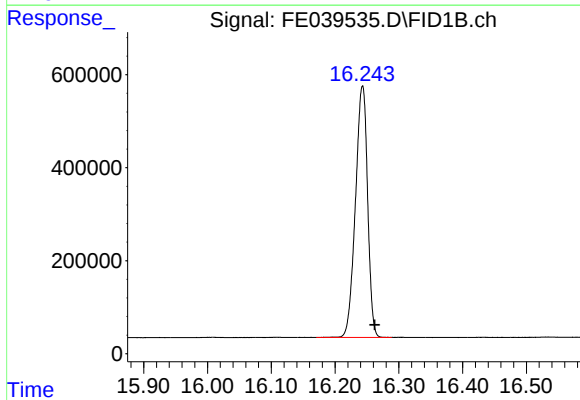
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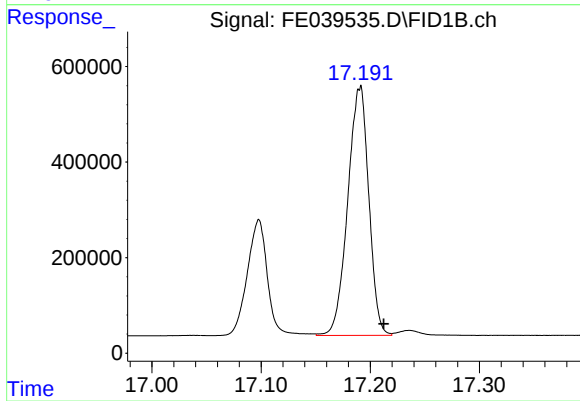
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: -0.019 min
Response: 6687067
Conc: 49.81 ug/ml m



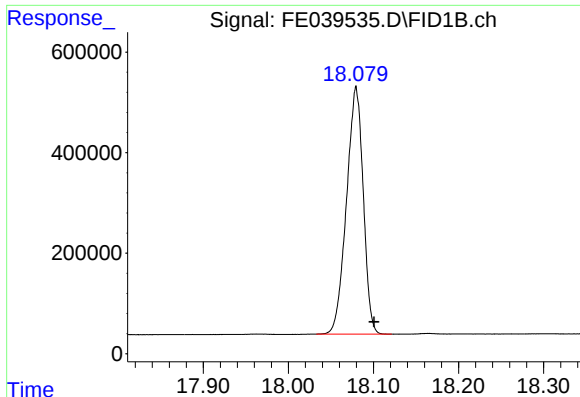
#15 n-Hexacosane (C26)

R.T.: 16.243 min
Delta R.T.: -0.019 min
Response: 7150986
Conc: 54.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.191 min
Delta R.T.: -0.022 min
Response: 6987393
Conc: 54.29 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.079 min
Delta R.T.: -0.022 min
Response: 6727683
Conc: 52.25 ug/ml

Instrument :

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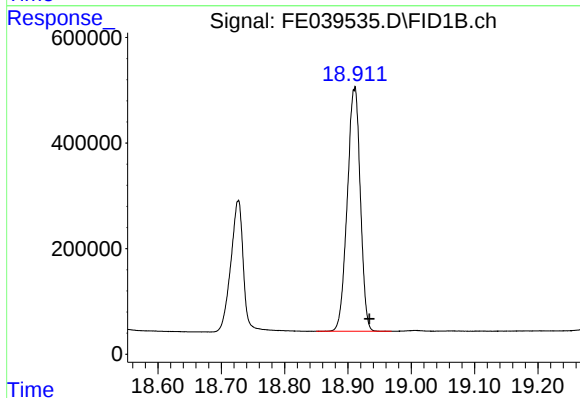
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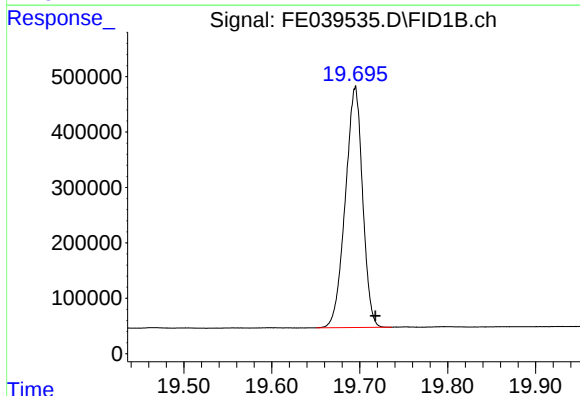
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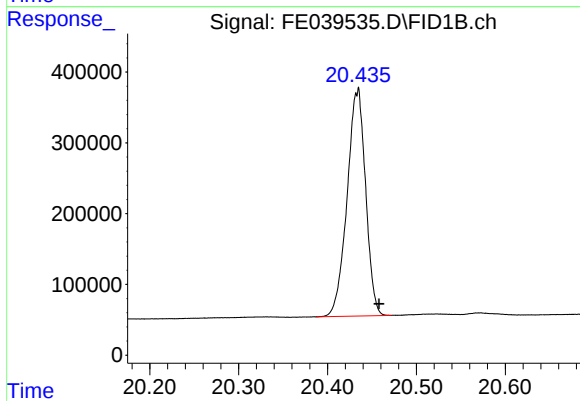
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: -0.023 min
Response: 6615432
Conc: 51.08 ug/ml



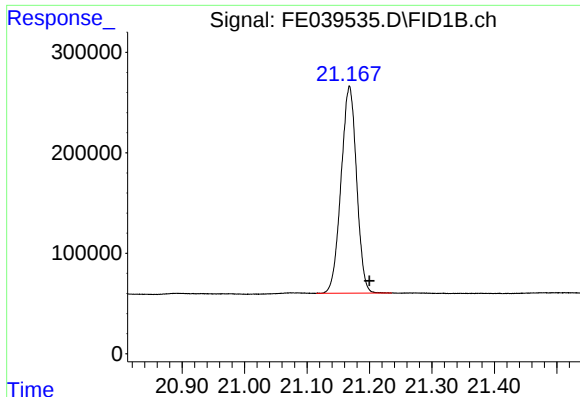
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: -0.023 min
Response: 5944268
Conc: 47.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.435 min
Delta R.T.: -0.023 min
Response: 4643617
Conc: 38.40 ug/ml m



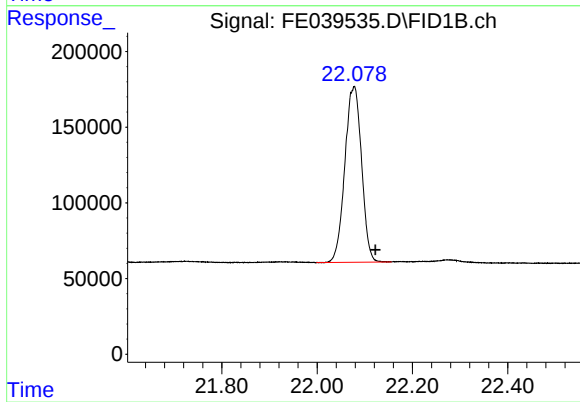
#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: -0.032 min
Response: 3554639
Conc: 28.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.078 min
Delta R.T.: -0.044 min
Response: 2815951
Conc: 22.42 ug/ml