

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110923AL\
 Data File : FE045268.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2023 01:56
 Operator : YP\AJ
 Sample : 05311-13MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-5MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/10/2023
 Supervised By :Ankita Jodhani 11/10/2023

Integration File: sample.E
 Quant Time: Nov 10 04:30:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.881	5995014	31.399 ug/ml
Spiked Amount 50.000		Recovery =	62.80%
12) S 1-chlorooctadecane (S...	13.323	4593991	33.353 ug/ml
Spiked Amount 50.000		Recovery =	66.71%
Target Compounds			
1) T n-Nonane (C9)	3.271	4923179	29.801 ug/ml
2) T n-Decane (C10)	4.522	5571887	33.229 ug/ml
3) T A~Naphthalene (C11.7)	6.220	6392211	35.811 ug/ml
4) T n-Dodecane (C12)	6.686	6025638	35.679 ug/ml
5) T A~2-methylnaphthalene...	7.315	6338284	36.911 ug/ml
6) T n-Tetradecane (C14)	8.514	6420183	38.521 ug/ml
7) T n-Hexadecane (C16)	10.122	6878613	40.895 ug/ml
8) T n-Octadecane (C18)	11.569	7160388	42.782 ug/ml
10) T n-Eicosane (C20)	12.880	7166831	45.243 ug/ml
11) T n-Heneicosane (C21)	13.493	6791601	44.171 ug/ml
13) T n-Docosane (C22)	14.080	6738429	44.474 ug/ml
14) T n-Tetracosane (C24)	15.163	13818914	93.301 ug/mlm
15) T n-Hexacosane (C26)	16.210	6554235	44.967 ug/ml
16) T n-Octacosane (C28)	17.160	6595317	45.134 ug/ml
17) T n-Tricontane (C30)	18.051	6580995	43.325 ug/ml
18) T n-Dotriacontane (C32)	18.883	6679417	42.756 ug/ml
19) T n-Tetratriacontane (C34)	19.668	6628898	42.455 ug/ml
20) T n-Hexatriacontane (C36)	20.410	6572854	40.494 ug/ml
21) T n-Octatriacontane (C38)	21.147	6662641	40.102 ug/ml
22) T n-Tetracontane (C40)	22.057	6758645	39.569 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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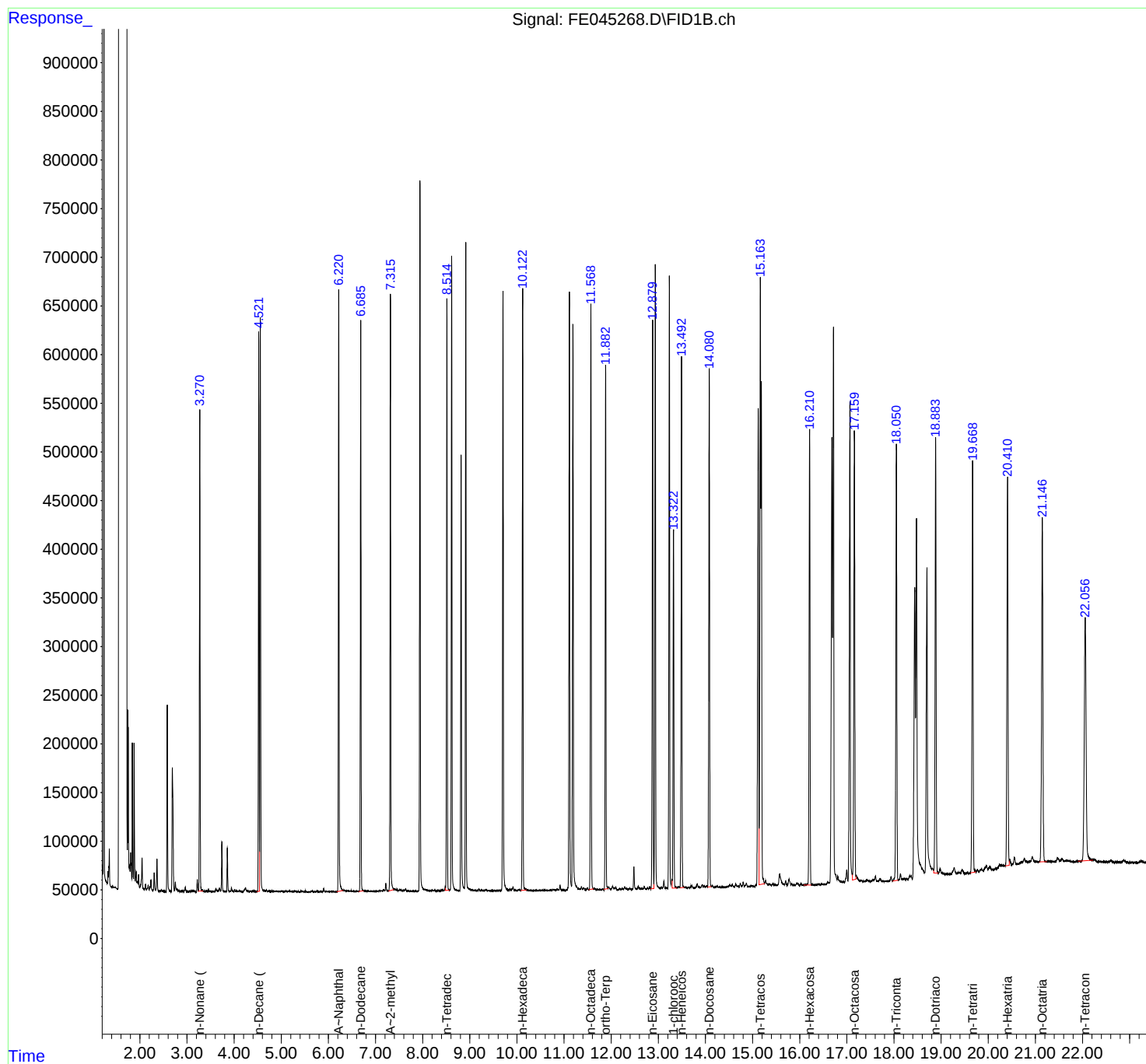
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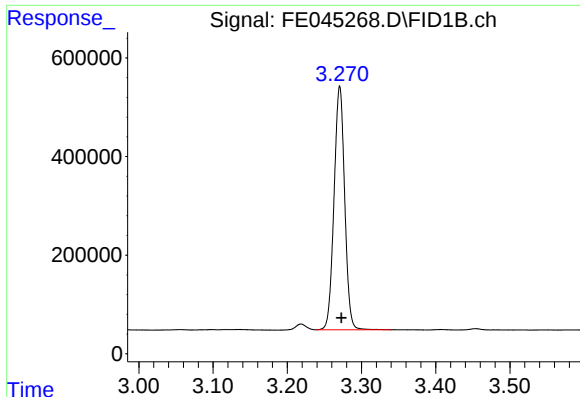
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#1 n-Nonane (C9)

R.T.: 3.271 min
Delta R.T.: -0.002 min
Response: 4923179
Conc: 29.80 ug/ml

Instrument :

FID_E

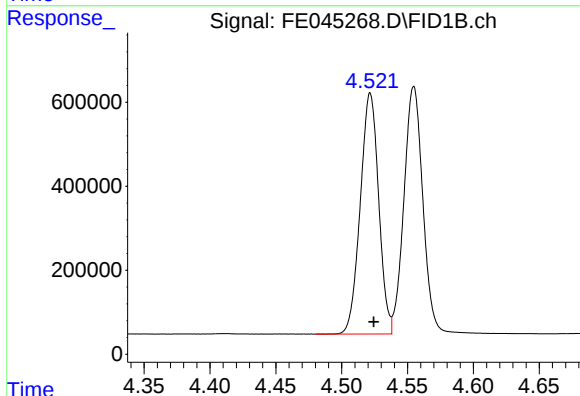
ClientSampleId :

TP-5MS

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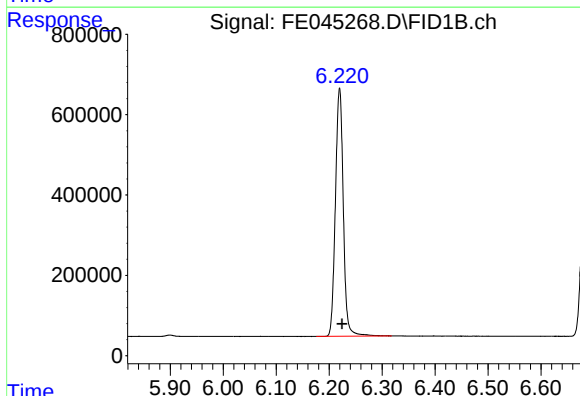
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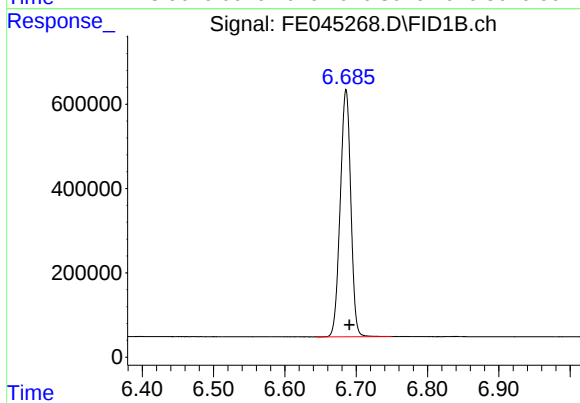
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 5571887
Conc: 33.23 ug/ml



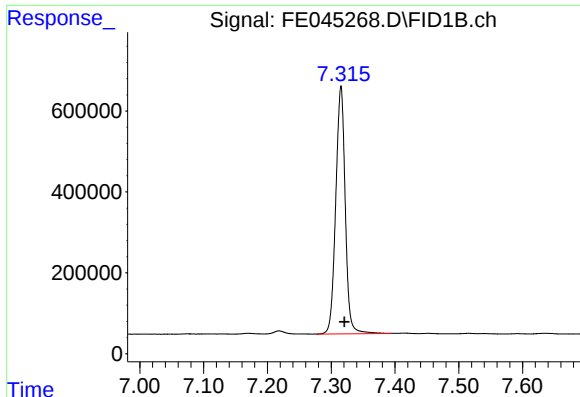
#3 A~Naphthalene (C11.7)

R.T.: 6.220 min
Delta R.T.: -0.005 min
Response: 6392211
Conc: 35.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.686 min
Delta R.T.: -0.004 min
Response: 6025638
Conc: 35.68 ug/ml



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

R.T.: 7.315 min
Delta R.T.: -0.005 min
Response: 6338284
Conc: 36.91 ug/ml

Instrument :

FID_E

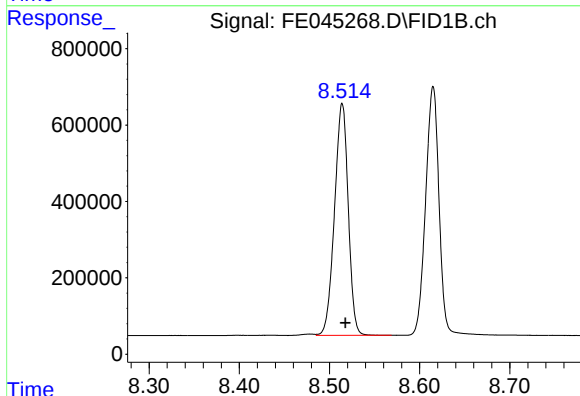
ClientSampleId :

TP-5MS

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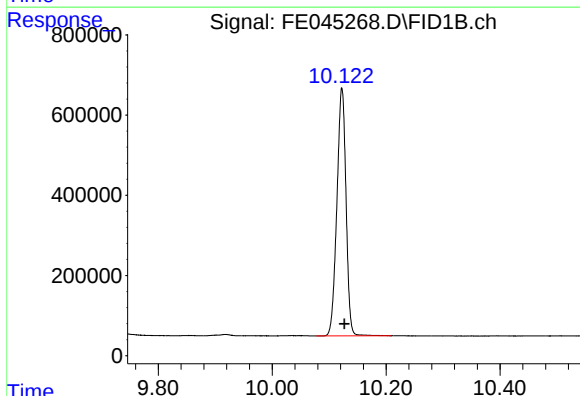
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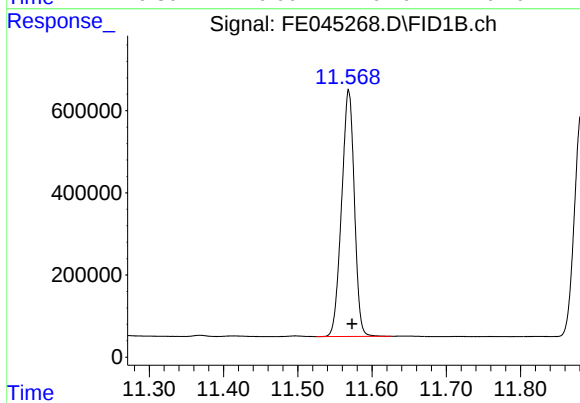
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: -0.003 min
Response: 6420183
Conc: 38.52 ug/ml



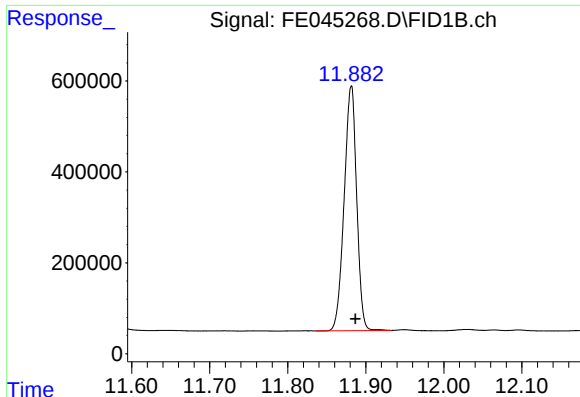
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: -0.004 min
Response: 6878613
Conc: 40.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.569 min
Delta R.T.: -0.004 min
Response: 7160388
Conc: 42.78 ug/ml



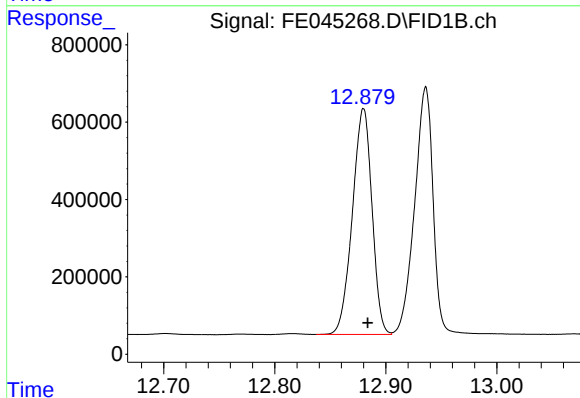
#9 ortho-Terphenyl (SURR)

R.T.: 11.881 min
Delta R.T.: -0.005 min
Response: 5995014
Conc: 31.40 ug/ml

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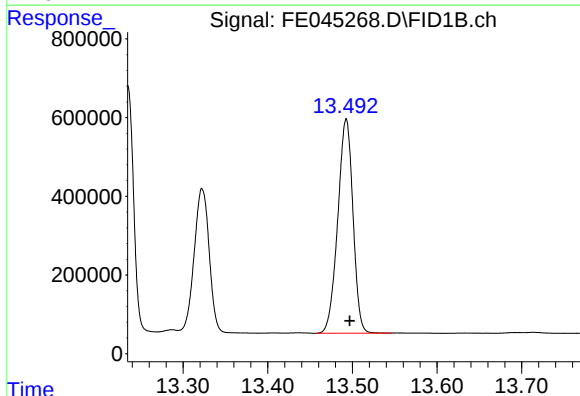
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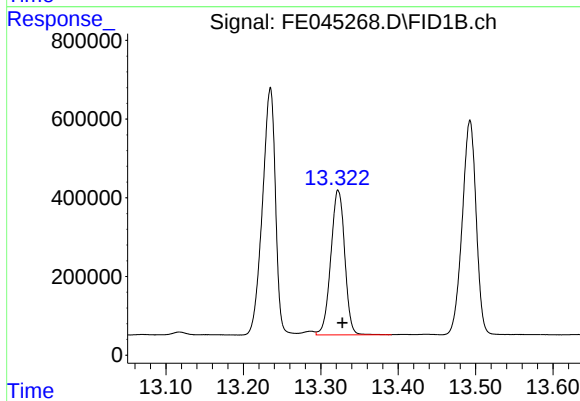
#10 n-Eicosane (C20)

R.T.: 12.880 min
Delta R.T.: -0.004 min
Response: 7166831
Conc: 45.24 ug/ml



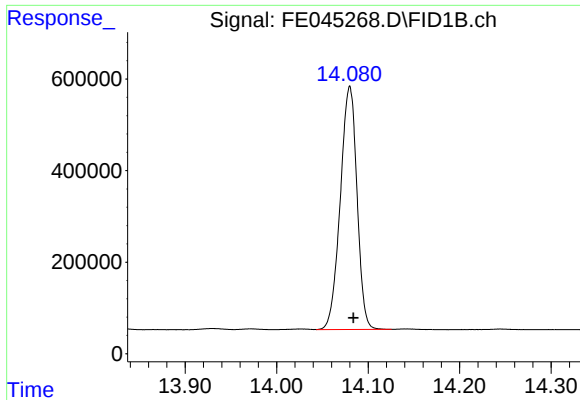
#11 n-Heneicosane (C21)

R.T.: 13.493 min
Delta R.T.: -0.004 min
Response: 6791601
Conc: 44.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.323 min
Delta R.T.: -0.006 min
Response: 4593991
Conc: 33.35 ug/ml



#13 n-Docosane (C22)

R.T.: 14.080 min
Delta R.T.: -0.004 min
Response: 6738429
Conc: 44.47 ug/ml

Instrument :

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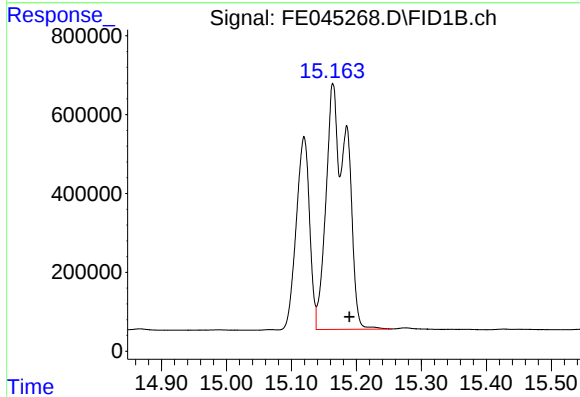
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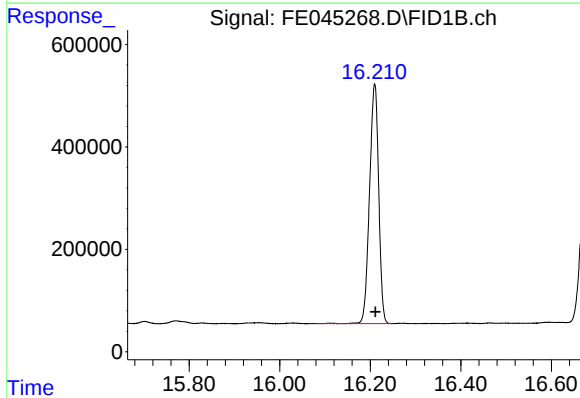
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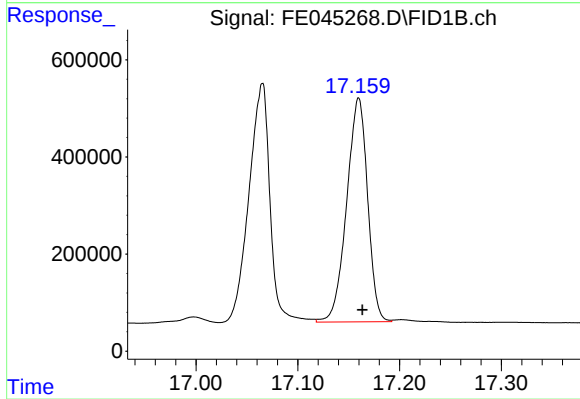
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: -0.026 min
Response: 13818914
Conc: 93.30 ug/ml m



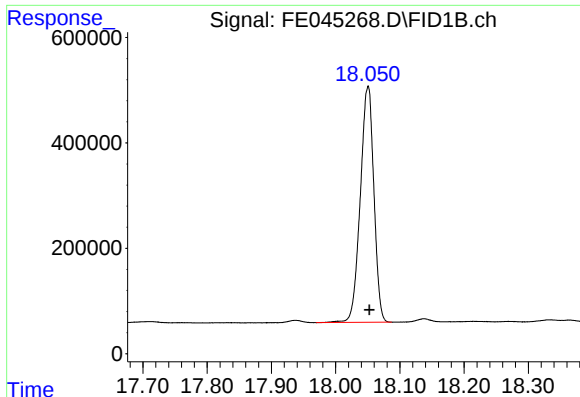
#15 n-Hexacosane (C26)

R.T.: 16.210 min
Delta R.T.: -0.002 min
Response: 6554235
Conc: 44.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.160 min
Delta R.T.: -0.004 min
Response: 6595317
Conc: 45.13 ug/ml



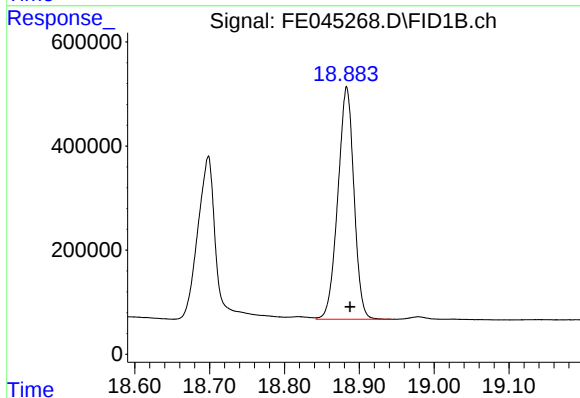
#17 n-Tricontane (C30)

R.T.: 18.051 min
Delta R.T.: -0.002 min
Response: 6580995
Conc: 43.33 ug/ml

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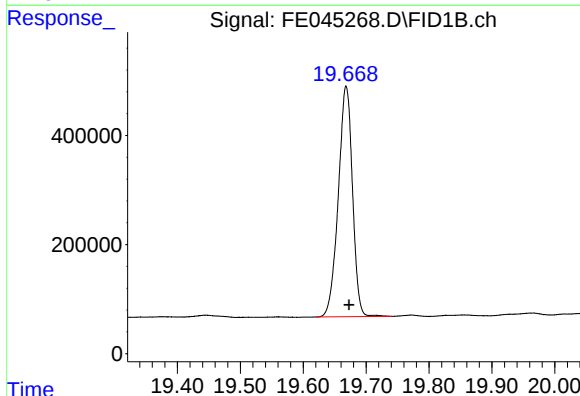
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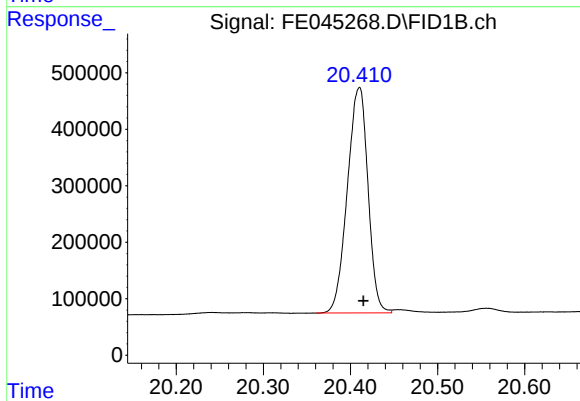
#18 n-Dotriacontane (C32)

R.T.: 18.883 min
Delta R.T.: -0.004 min
Response: 6679417
Conc: 42.76 ug/ml



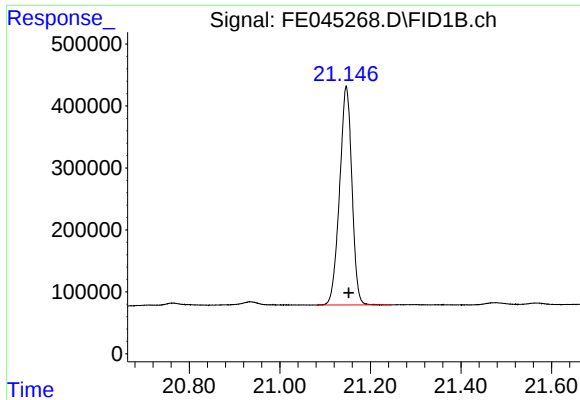
#19 n-Tetratriacontane (C34)

R.T.: 19.668 min
Delta R.T.: -0.005 min
Response: 6628898
Conc: 42.46 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.410 min
Delta R.T.: -0.005 min
Response: 6572854
Conc: 40.49 ug/ml



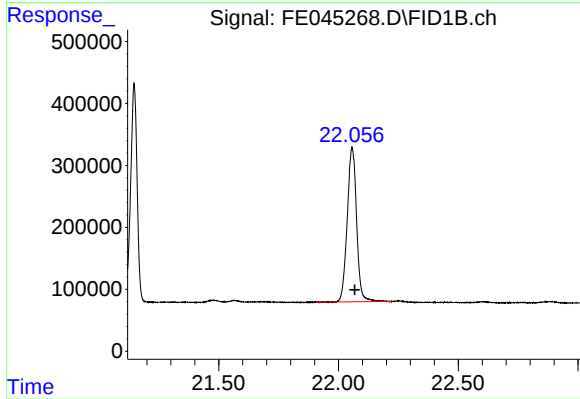
#21 n-Octatriacontane (C38)

R.T.: 21.147 min
Delta R.T.: -0.006 min
Response: 6662641
Conc: 40.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.057 min
Delta R.T.: -0.011 min
Response: 6758645
Conc: 39.57 ug/ml