

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102023AL\
 Data File : FE044956.D
 Signal(s) : FID1B.ch
 Acq On : 20 Oct 2023 20:09
 Operator : YP\AJ
 Sample : 04974-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-4MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2023
 Supervised By :Ankita Jodhani 10/23/2023

Integration File: autoint1.e
 Quant Time: Oct 21 00:46:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.901	5095409	25.418 ug/ml
Spiked Amount 50.000		Recovery =	50.84%
12) S 1-chlorooctadecane (S...	13.343	4063135	27.456 ug/ml
Spiked Amount 50.000		Recovery =	54.91%
Target Compounds			
1) T n-Nonane (C9)	3.289	4999973	29.806 ug/ml
2) T n-Decane (C10)	4.540	5723132	33.596 ug/ml
3) T A~Naphthalene (C11.7)	6.237	6332653	34.209 ug/ml
4) T n-Dodecane (C12)	6.703	6172390	35.757 ug/ml
5) T A~2-methylnaphthalene...	7.333	6277190	34.798 ug/ml
6) T n-Tetradecane (C14)	8.532	6408673	37.373 ug/ml
7) T n-Hexadecane (C16)	10.141	6836246	39.094 ug/ml
8) T n-Octadecane (C18)	11.588	7132026	40.891 ug/ml
10) T n-Eicosane (C20)	12.900	7197755	43.093 ug/ml
11) T n-Heneicosane (C21)	13.513	6890111	42.268 ug/ml
13) T n-Docosane (C22)	14.101	6810509	42.578 ug/ml
14) T n-Tetracosane (C24)	15.185	13718064	88.392 ug/mlm
15) T n-Hexacosane (C26)	16.229	6451250	42.970 ug/ml
16) T n-Octacosane (C28)	17.180	6560464	44.677 ug/ml
17) T n-Tricontane (C30)	18.071	6469481	43.498 ug/ml
18) T n-Dotriacontane (C32)	18.904	6625703	44.143 ug/ml
19) T n-Tetratriacontane (C34)	19.691	6622639	44.488 ug/ml
20) T n-Hexatriacontane (C36)	20.431	6571771	42.746 ug/ml
21) T n-Octatriacontane (C38)	21.171	6897230	44.154 ug/ml
22) T n-Tetracontane (C40)	22.091	7026753	42.046 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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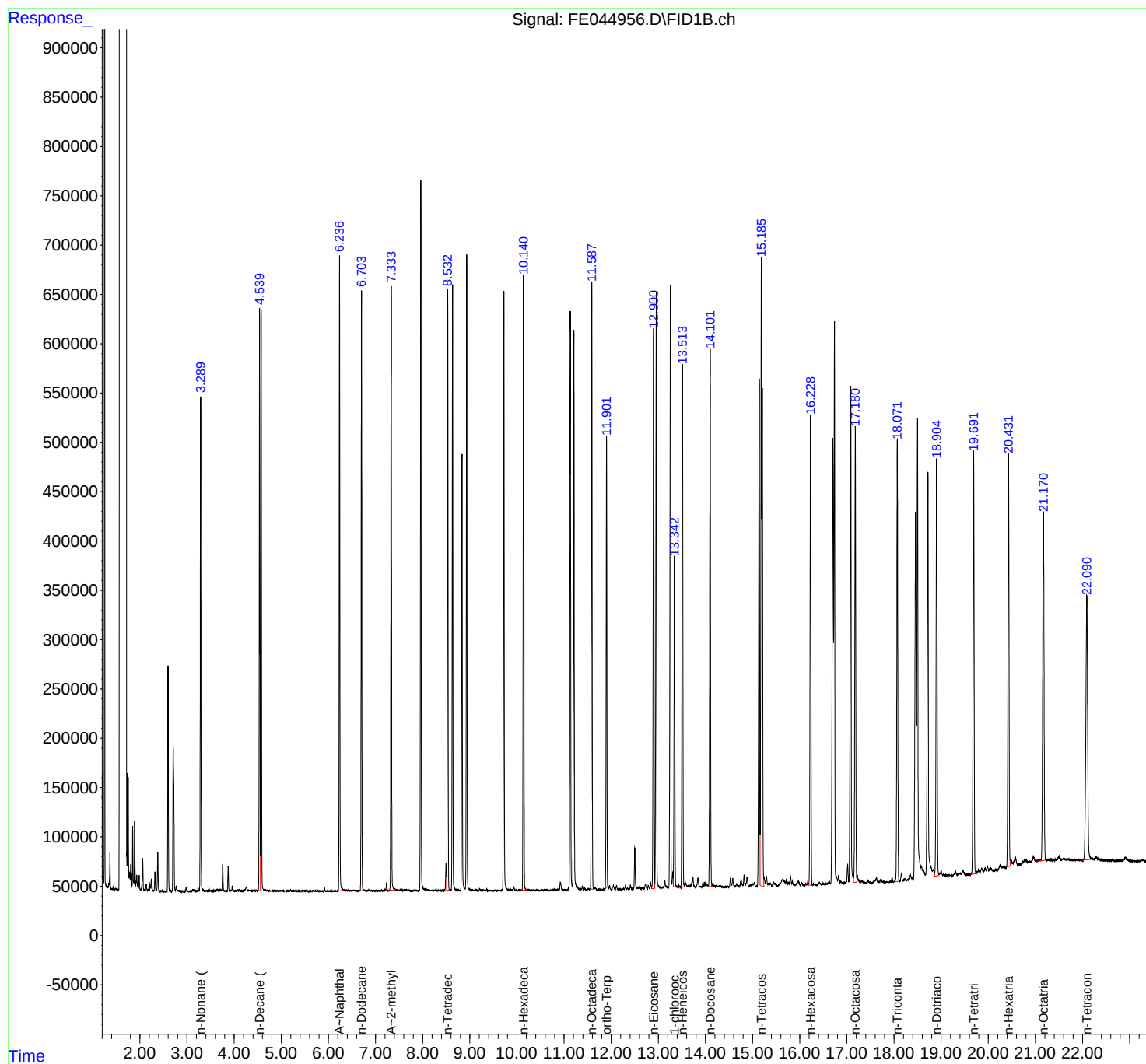
Instrument :
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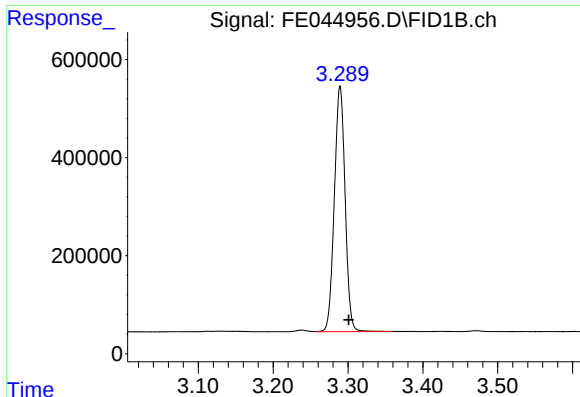
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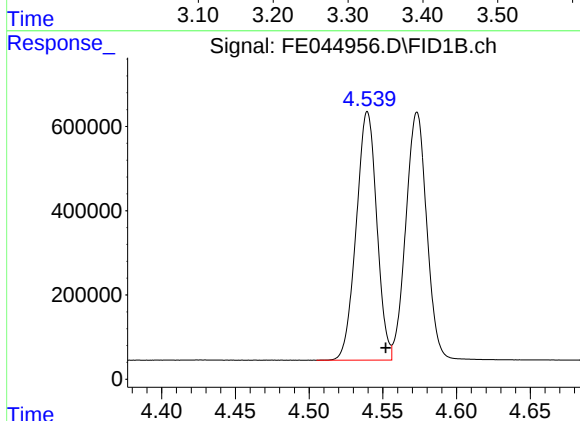
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: -0.012 min
Response: 4999973
Conc: 29.81 ug/ml

Instrument :
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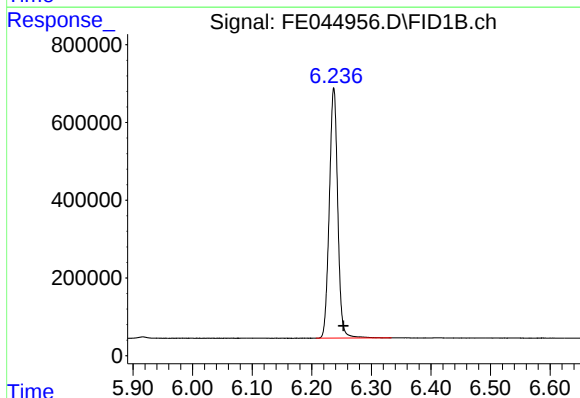
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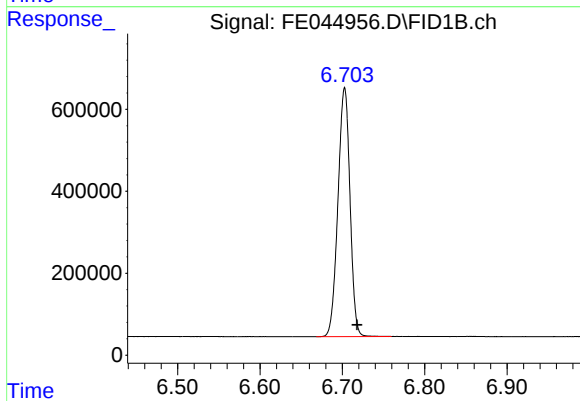
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: -0.012 min
Response: 5723132
Conc: 33.60 ug/ml



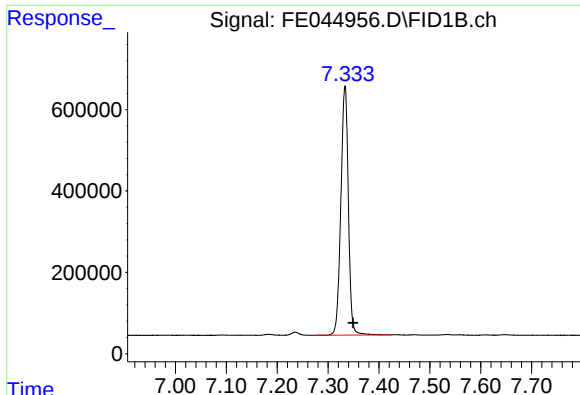
#3 A~Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: -0.016 min
Response: 6332653
Conc: 34.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.703 min
Delta R.T.: -0.015 min
Response: 6172390
Conc: 35.76 ug/ml



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

R.T.: 7.333 min
Delta R.T.: -0.016 min
Response: 6277190
Conc: 34.80 ug/ml

Instrument :

FID_E

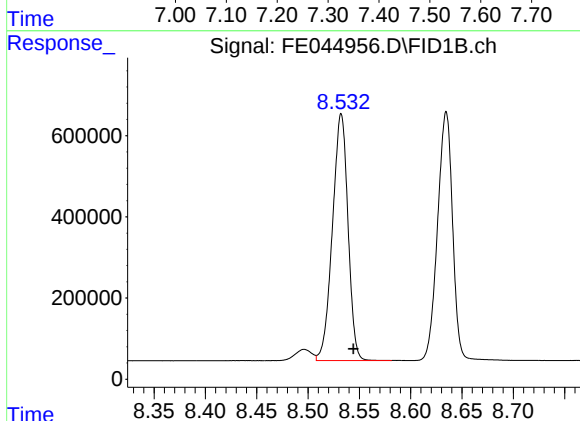
ClientSampleId :

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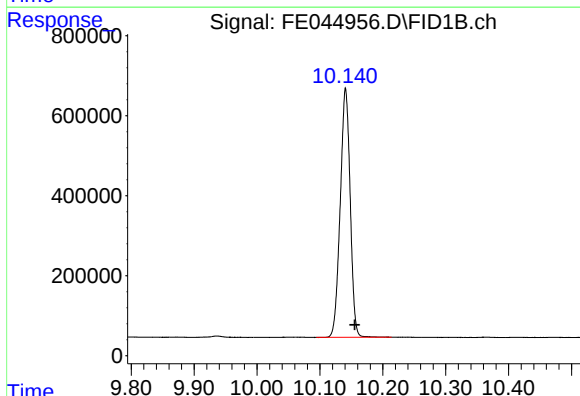
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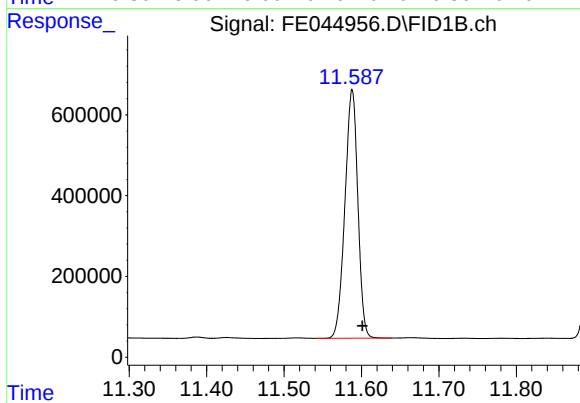
#6 n-Tetradecane (C14)

R.T.: 8.532 min
Delta R.T.: -0.012 min
Response: 6408673
Conc: 37.37 ug/ml



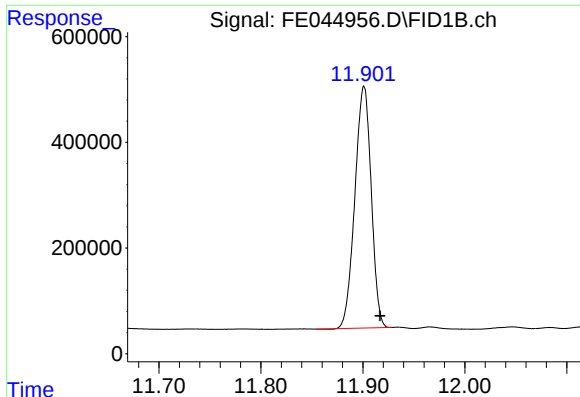
#7 n-Hexadecane (C16)

R.T.: 10.141 min
Delta R.T.: -0.014 min
Response: 6836246
Conc: 39.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.588 min
Delta R.T.: -0.013 min
Response: 7132026
Conc: 40.89 ug/ml



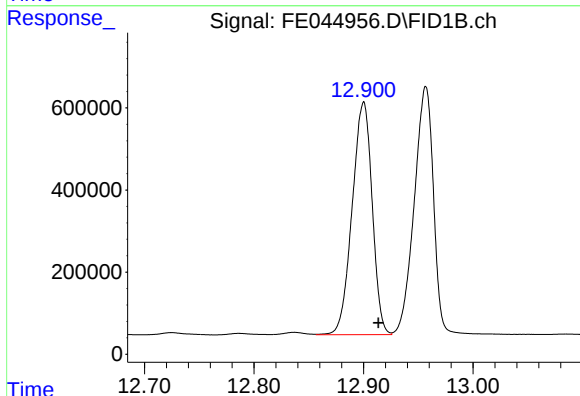
#9 ortho-Terphenyl (SURR)

R.T.: 11.901 min
Delta R.T.: -0.016 min
Response: 5095409
Conc: 25.42 ug/ml

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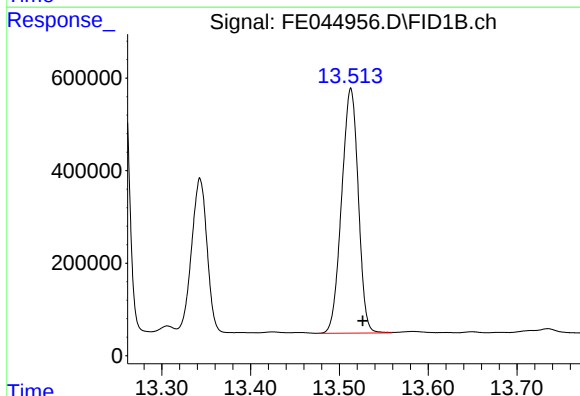
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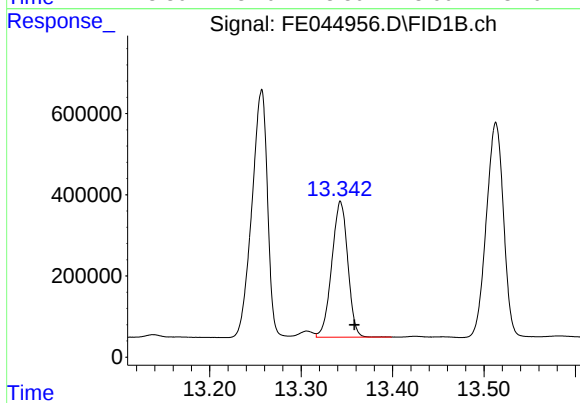
#10 n-Eicosane (C20)

R.T.: 12.900 min
Delta R.T.: -0.013 min
Response: 7197755
Conc: 43.09 ug/ml



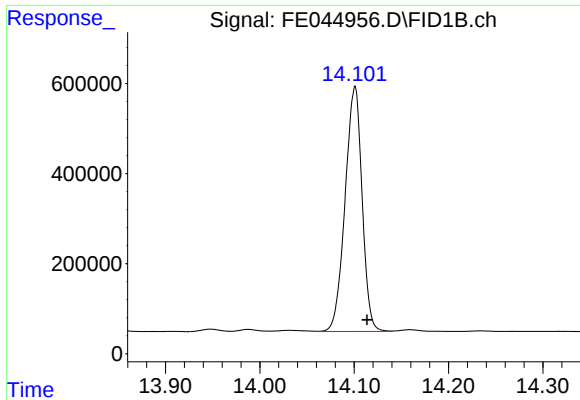
#11 n-Heneicosane (C21)

R.T.: 13.513 min
Delta R.T.: -0.014 min
Response: 6890111
Conc: 42.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.343 min
Delta R.T.: -0.015 min
Response: 4063135
Conc: 27.46 ug/ml



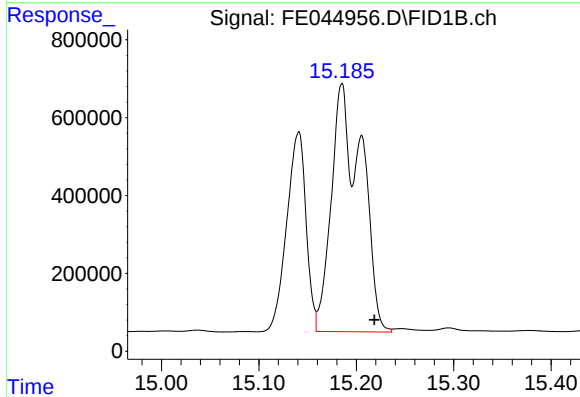
#13 n-Docosane (C22)

R.T.: 14.101 min
Delta R.T.: -0.013 min
Response: 6810509
Conc: 42.58 ug/ml

Instrument :
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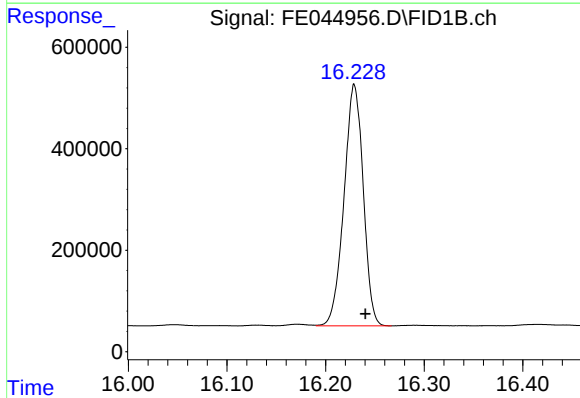
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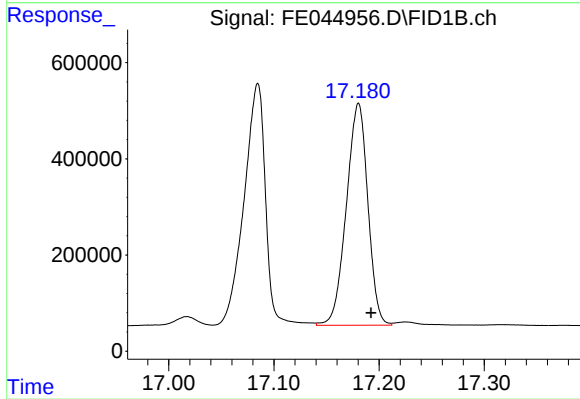
#14 n-Tetracosane (C24)

R.T.: 15.185 min
Delta R.T.: -0.033 min
Response: 13718064
Conc: 88.39 ug/ml m



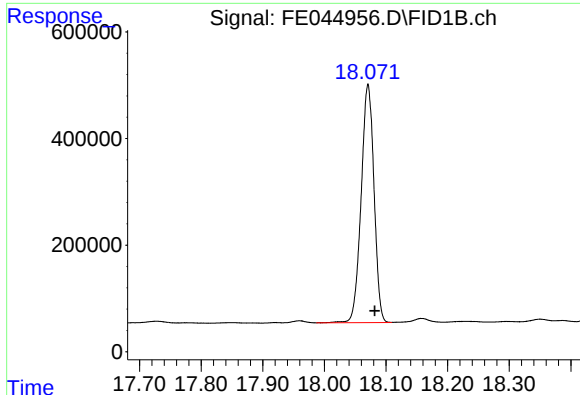
#15 n-Hexacosane (C26)

R.T.: 16.229 min
Delta R.T.: -0.011 min
Response: 6451250
Conc: 42.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.180 min
Delta R.T.: -0.012 min
Response: 6560464
Conc: 44.68 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.071 min
Delta R.T.: -0.011 min
Response: 6469481
Conc: 43.50 ug/ml

Instrument :

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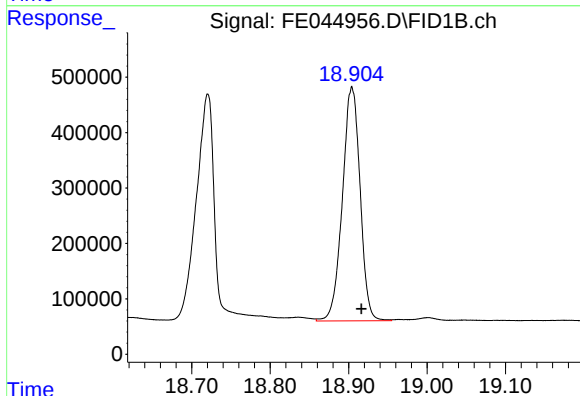
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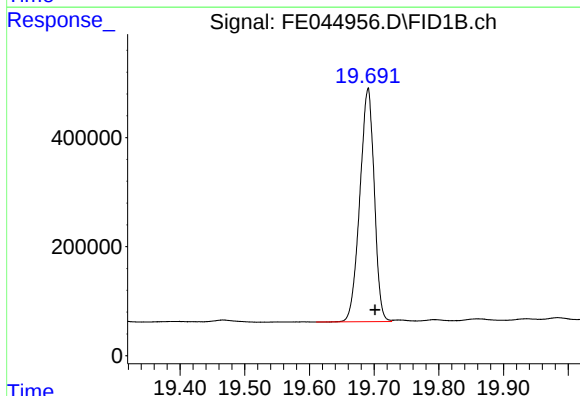
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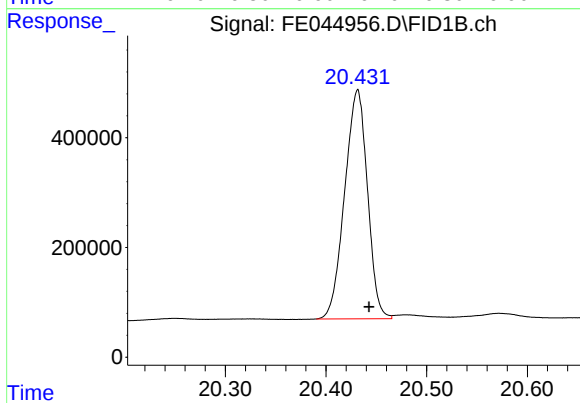
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: -0.012 min
Response: 6625703
Conc: 44.14 ug/ml



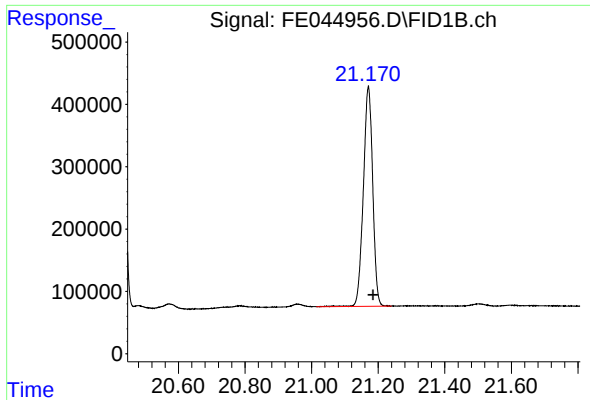
#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: -0.011 min
Response: 6622639
Conc: 44.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.431 min
Delta R.T.: -0.011 min
Response: 6571771
Conc: 42.75 ug/ml



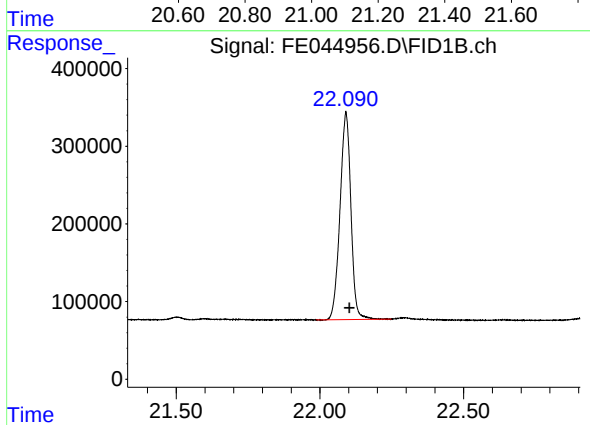
#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: -0.014 min
Response: 6897230
Conc: 44.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.091 min
Delta R.T.: -0.013 min
Response: 7026753
Conc: 42.05 ug/ml