

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110923AL\
 Data File : FE045251.D
 Signal(s) : FID1B.ch
 Acq On : 09 Nov 2023 16:25
 Operator : YP\AJ
 Sample : PB157021BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB157021BSD

Manual Integrations
 APPROVED

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

Integration File: sample.E
 Quant Time: Nov 09 22:33:30 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)	11.884	6147468	32.198 ug/ml
Spiked Amount 50.000		Recovery =	64.40%
12) S 1-chlorooctadecane (S...	13.326	4668043	33.890 ug/ml
Spiked Amount 50.000		Recovery =	67.78%
Target Compounds			
1) T n-Nonane (C9)	3.279	5911949	35.787 ug/ml
2) T n-Decane (C10)	4.526	6506565	38.804 ug/ml
3) T A~Naphthalene (C11.7)	6.222	7121035	39.894 ug/ml
4) T n-Dodecane (C12)	6.688	6894553	40.824 ug/ml
5) T A~2-methylnaphthalene...	7.318	6924039	40.322 ug/ml
6) T n-Tetradecane (C14)	8.516	6903815	41.423 ug/ml
7) T n-Hexadecane (C16)	10.125	6849198	40.720 ug/ml
8) T n-Octadecane (C18)	11.571	6821248	40.755 ug/ml
10) T n-Eicosane (C20)	12.883	6727886	42.472 ug/ml
11) T n-Heneicosane (C21)	13.496	6388368	41.548 ug/ml
13) T n-Docosane (C22)	14.083	6317552	41.696 ug/ml
14) T n-Tetracosane (C24)	15.167	12694781	85.711 ug/mlm
15) T n-Hexacosane (C26)	16.215	6140188	42.127 ug/ml
16) T n-Octacosane (C28)	17.164	6321068	43.257 ug/ml
17) T n-Tricontane (C30)	18.055	6369133	41.930 ug/ml
18) T n-Dotriacontane (C32)	18.890	6623346	42.397 ug/ml
19) T n-Tetratriacontane (C34)	19.675	6541642	41.897 ug/ml
20) T n-Hexatriacontane (C36)	20.416	6468880	39.853 ug/ml
21) T n-Octatriacontane (C38)	21.155	6519574	39.241 ug/ml
22) T n-Tetracontane (C40)	22.066	6356350	37.214 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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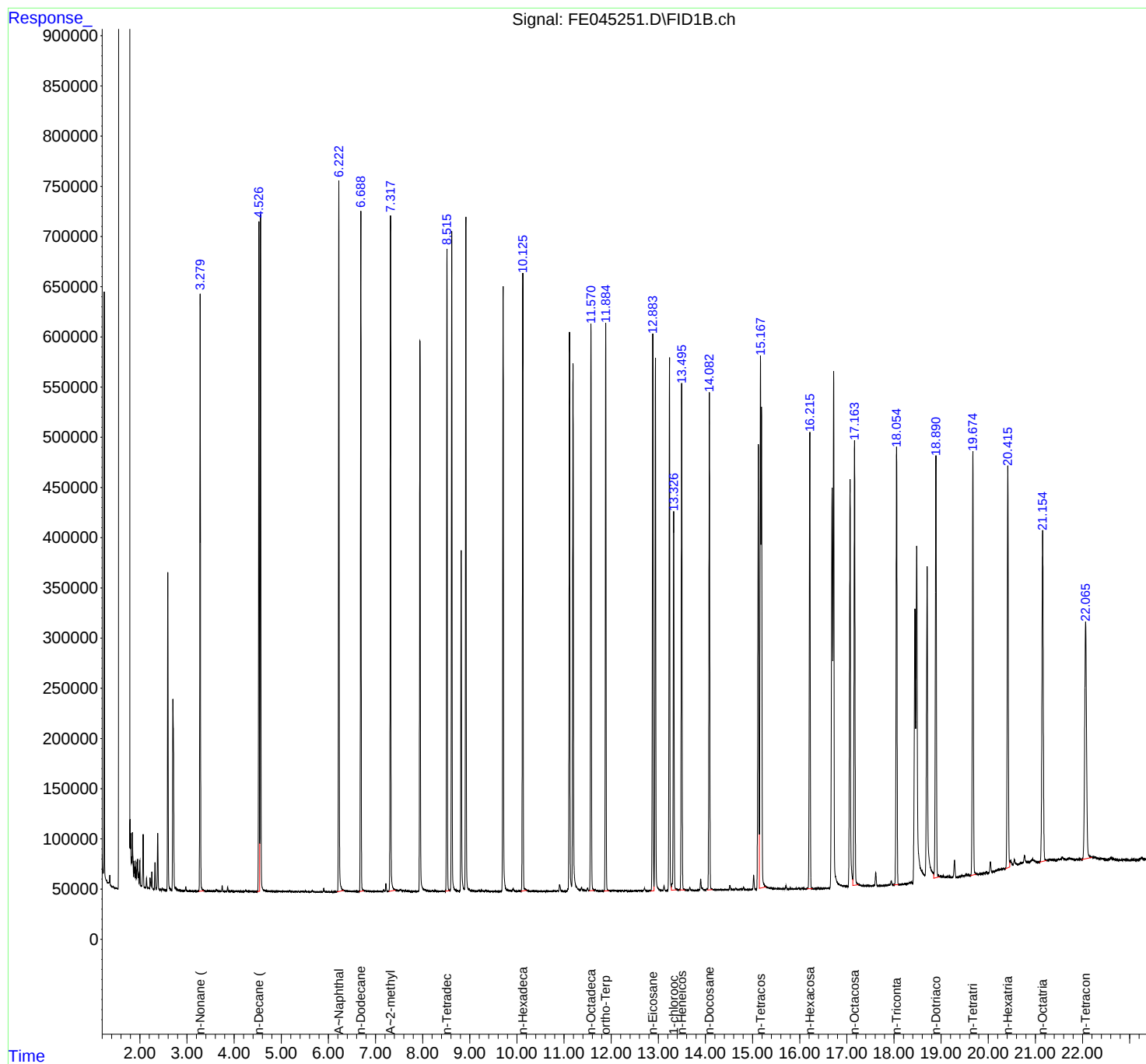
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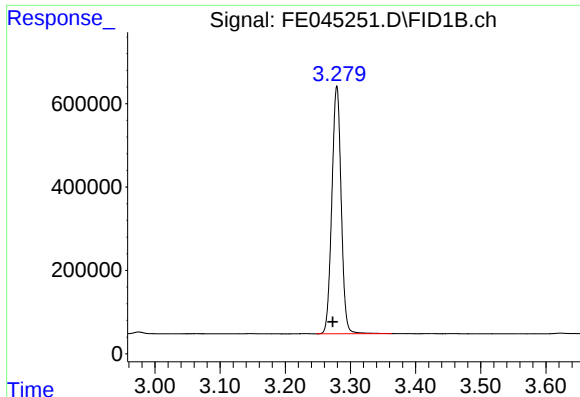
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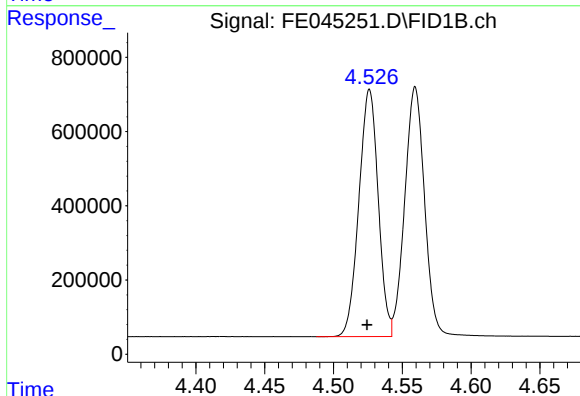
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: 0.006 min
Response: 5911949
Conc: 35.79 ug/ml

Instrument :
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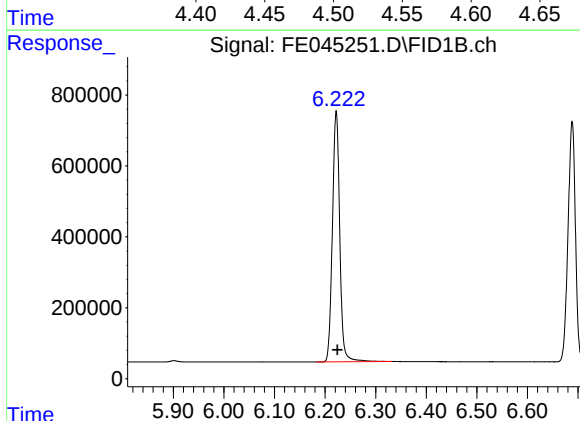
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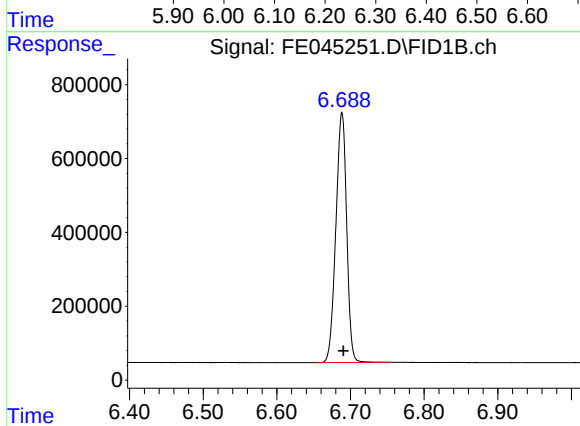
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.002 min
Response: 6506565
Conc: 38.80 ug/ml



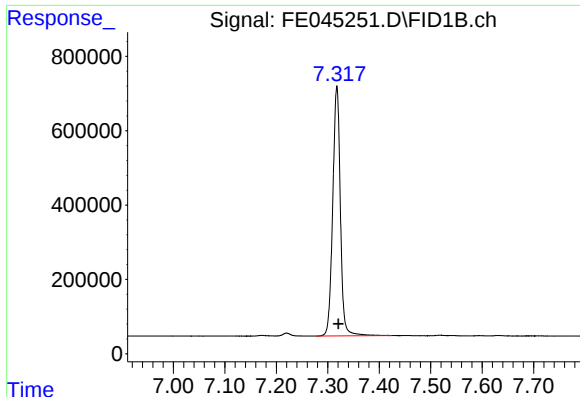
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: -0.003 min
Response: 7121035
Conc: 39.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.688 min
Delta R.T.: -0.002 min
Response: 6894553
Conc: 40.82 ug/ml



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

R.T.: 7.318 min
Delta R.T.: -0.003 min
Response: 6924039
Conc: 40.32 ug/ml

Instrument :

FID_E

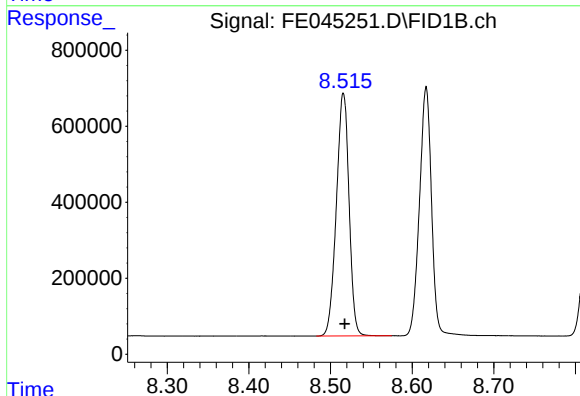
ClientSampleId :

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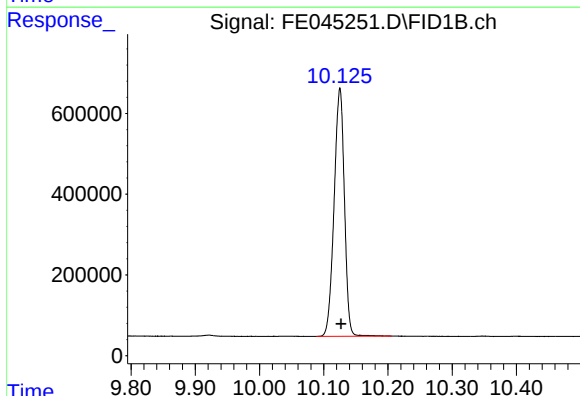
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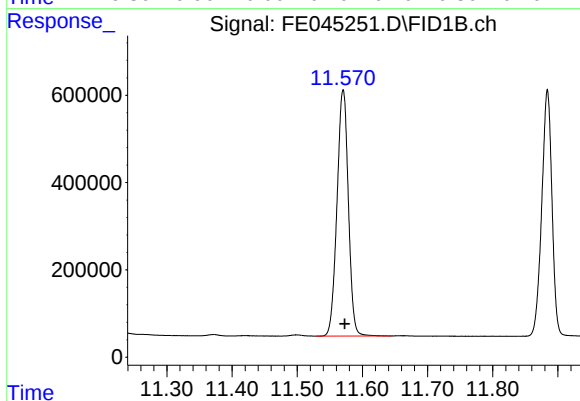
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: -0.002 min
Response: 6903815
Conc: 41.42 ug/ml



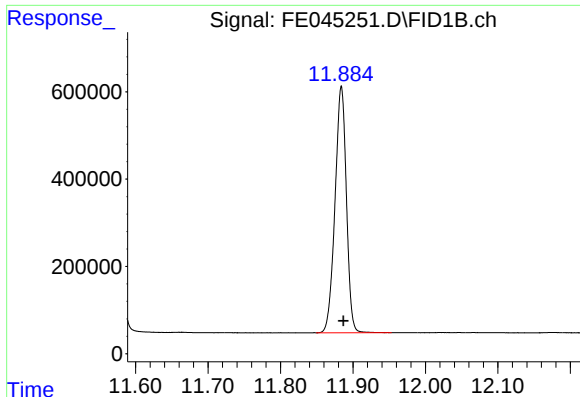
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: -0.002 min
Response: 6849198
Conc: 40.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.571 min
Delta R.T.: -0.002 min
Response: 6821248
Conc: 40.76 ug/ml



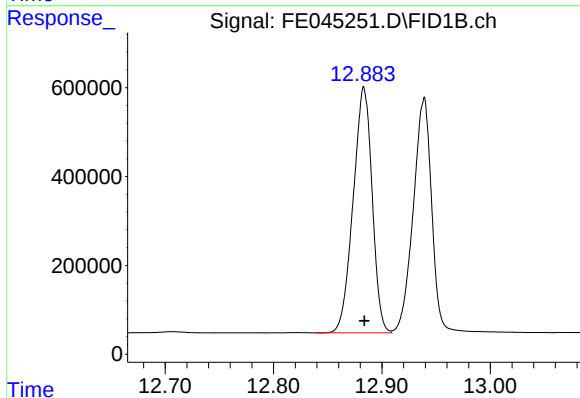
#9 ortho-Terphenyl (SURR)

R.T.: 11.884 min
Delta R.T.: -0.003 min
Response: 6147468
Conc: 32.20 ug/ml

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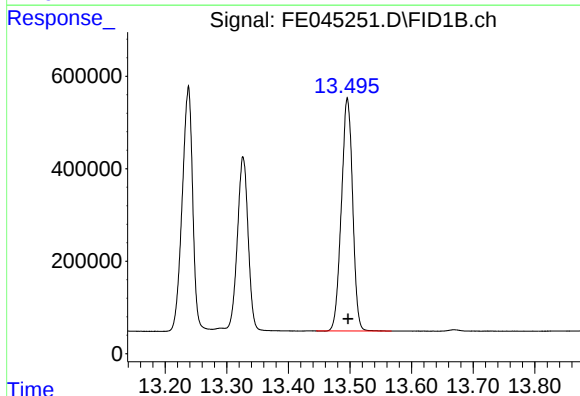
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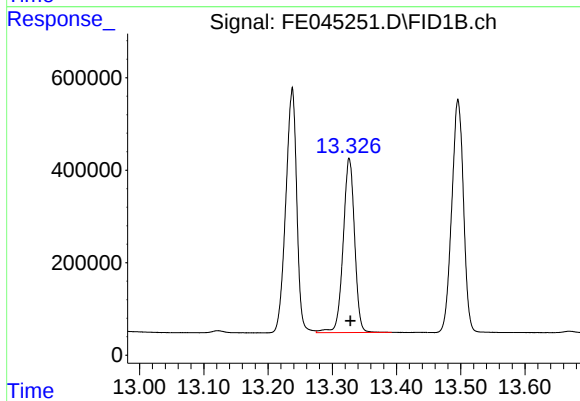
#10 n-Eicosane (C20)

R.T.: 12.883 min
Delta R.T.: 0.000 min
Response: 6727886
Conc: 42.47 ug/ml



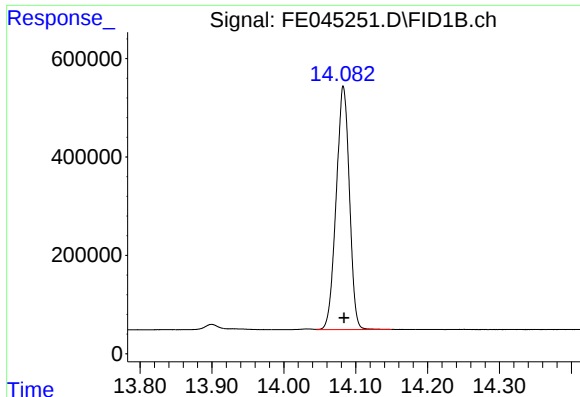
#11 n-Heneicosane (C21)

R.T.: 13.496 min
Delta R.T.: -0.001 min
Response: 6388368
Conc: 41.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.326 min
Delta R.T.: -0.002 min
Response: 4668043
Conc: 33.89 ug/ml



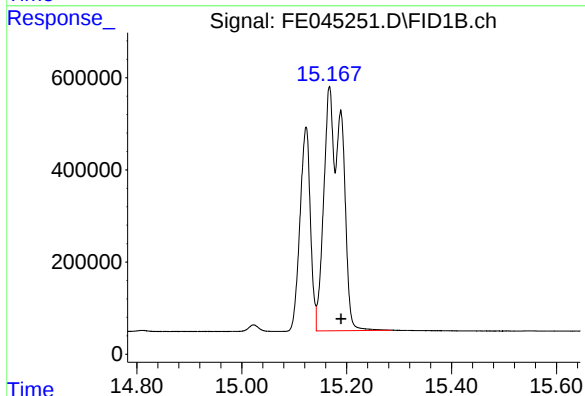
#13 n-Docosane (C22)

R.T.: 14.083 min
Delta R.T.: -0.001 min
Response: 6317552
Conc: 41.70 ug/ml

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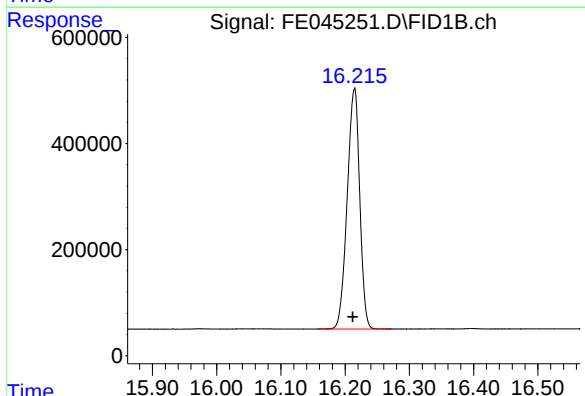
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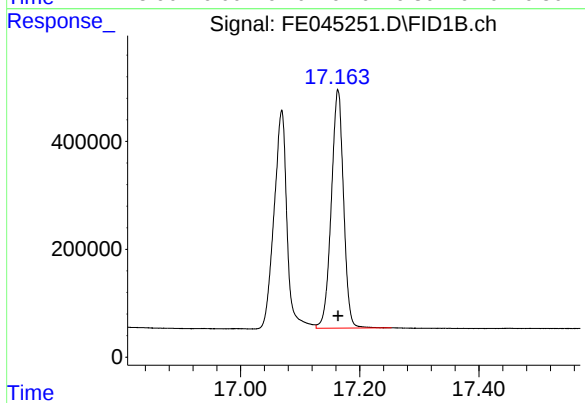
#14 n-Tetracosane (C24)

R.T.: 15.167 min
Delta R.T.: -0.022 min
Response: 12694781
Conc: 85.71 ug/ml m



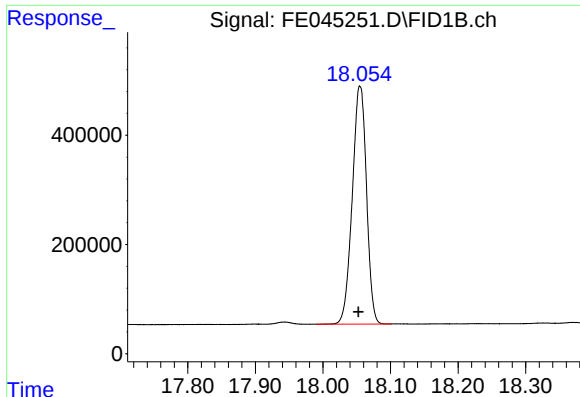
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: 0.003 min
Response: 6140188
Conc: 42.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.164 min
Delta R.T.: 0.000 min
Response: 6321068
Conc: 43.26 ug/ml



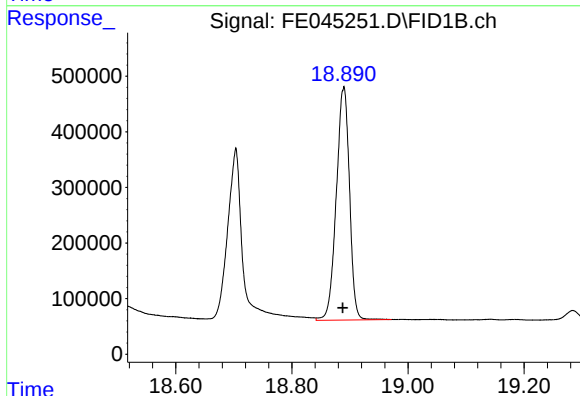
#17 n-Tricontane (C30)

R.T.: 18.055 min
Delta R.T.: 0.002 min
Response: 6369133
Conc: 41.93 ug/ml

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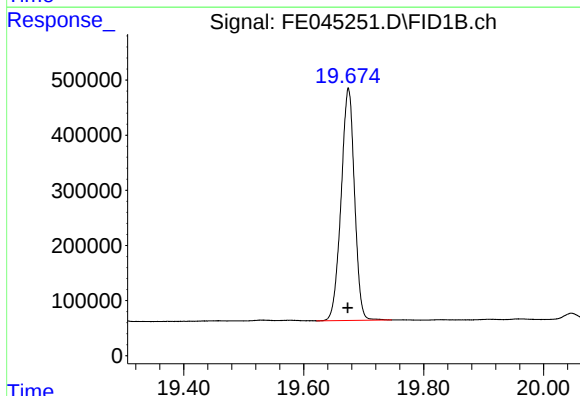
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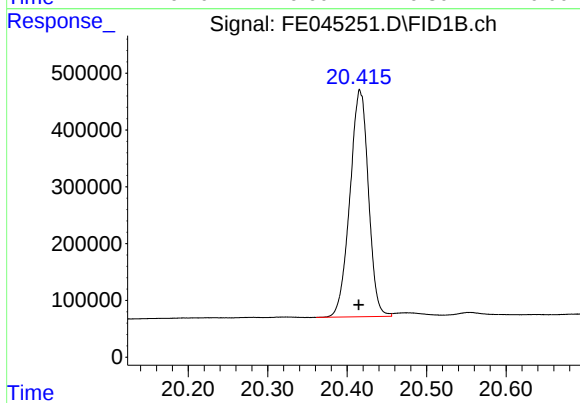
#18 n-Dotriacontane (C32)

R.T.: 18.890 min
Delta R.T.: 0.002 min
Response: 6623346
Conc: 42.40 ug/ml



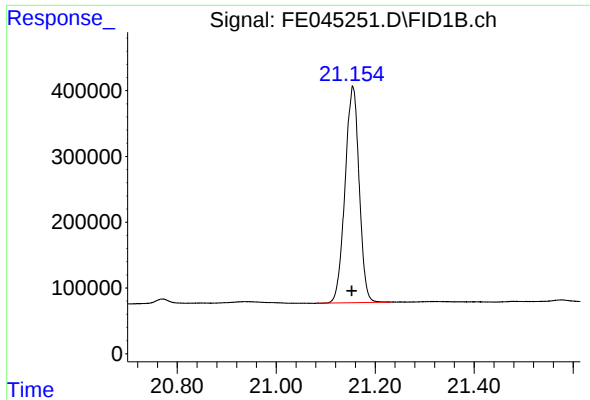
#19 n-Tetratriacontane (C34)

R.T.: 19.675 min
Delta R.T.: 0.001 min
Response: 6541642
Conc: 41.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.416 min
Delta R.T.: 0.001 min
Response: 6468880
Conc: 39.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.155 min
Delta R.T.: 0.003 min
Response: 6519574
Conc: 39.24 ug/ml

Instrument :

FID_E

ClientSampleId :

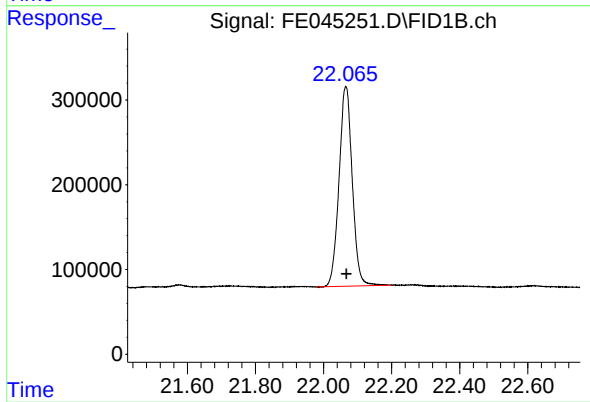
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#22 n-Tetracontane (C40)

R.T.: 22.066 min
Delta R.T.: -0.002 min
Response: 6356350
Conc: 37.21 ug/ml