

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102023AL\
 Data File : FE044950.D
 Signal(s) : FID1B.ch
 Acq On : 20 Oct 2023 17:06
 Operator : YP\AJ
 Sample : PB156523BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB156523BS

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 00:41:48 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)	11.903	7386287	36.846 ug/ml
Spiked Amount 50.000		Recovery =	73.69%
12) S 1-chlorooctadecane (S...	13.344	5621343	37.986 ug/ml
Spiked Amount 50.000		Recovery =	75.97%
Target Compounds			
1) T n-Nonane (C9)	3.293	4836878	28.833 ug/ml
2) T n-Decane (C10)	4.541	5233450	30.722 ug/ml
3) T A~Naphthalene (C11.7)	6.237	5855202	31.630 ug/ml
4) T n-Dodecane (C12)	6.703	5708812	33.072 ug/ml
5) T A~2-methylnaphthalene...	7.334	5891847	32.661 ug/ml
6) T n-Tetradecane (C14)	8.532	6228752	36.324 ug/ml
7) T n-Hexadecane (C16)	10.142	6675096	38.172 ug/ml
8) T n-Octadecane (C18)	11.588	6744269	38.668 ug/ml
10) T n-Eicosane (C20)	12.900	6632277	39.707 ug/ml
11) T n-Heneicosane (C21)	13.513	6301259	38.655 ug/ml
13) T n-Docosane (C22)	14.100	6200640	38.765 ug/ml
14) T n-Tetracosane (C24)	15.183	12138699	78.215 ug/mlm
15) T n-Hexacosane (C26)	16.230	5918676	39.422 ug/ml
16) T n-Octacosane (C28)	17.181	5997798	40.845 ug/ml
17) T n-Tricontane (C30)	18.072	5970872	40.146 ug/ml
18) T n-Dotriacontane (C32)	18.904	6084426	40.537 ug/ml
19) T n-Tetratriacontane (C34)	19.689	6078430	40.832 ug/ml
20) T n-Hexatriacontane (C36)	20.431	6013852	39.117 ug/ml
21) T n-Octatriacontane (C38)	21.170	6269646	40.136 ug/ml
22) T n-Tetracontane (C40)	22.088	6356748	38.037 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB156523BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

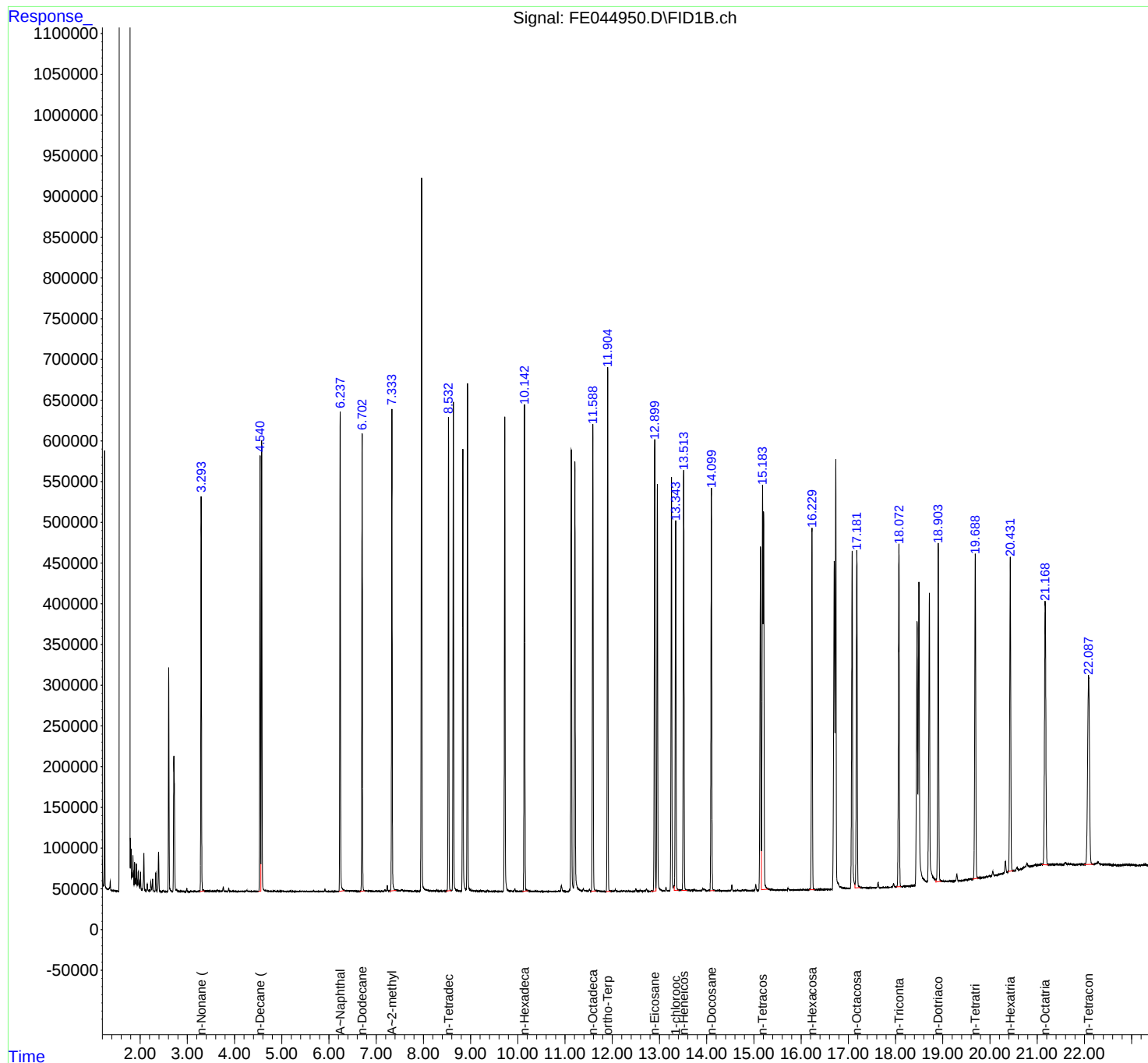
Instrument :
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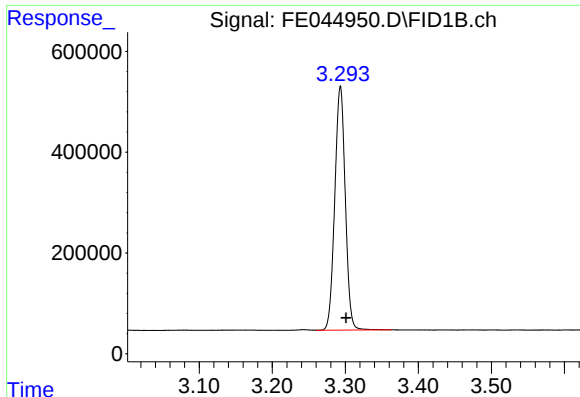
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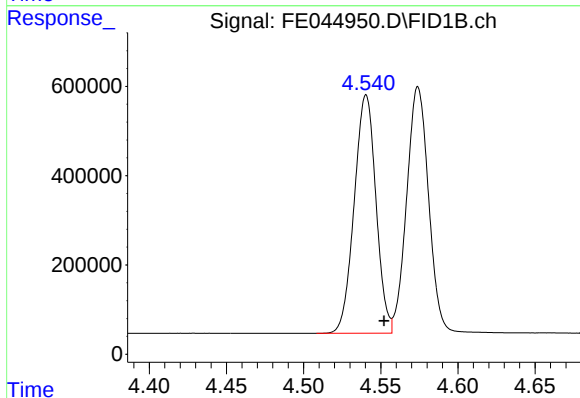
#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: -0.008 min
Response: 4836878
Conc: 28.83 ug/ml

Instrument :
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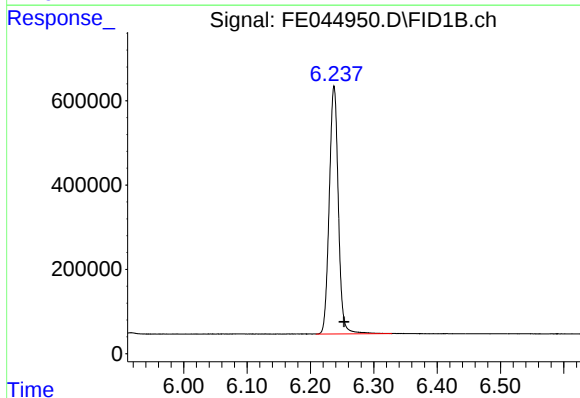
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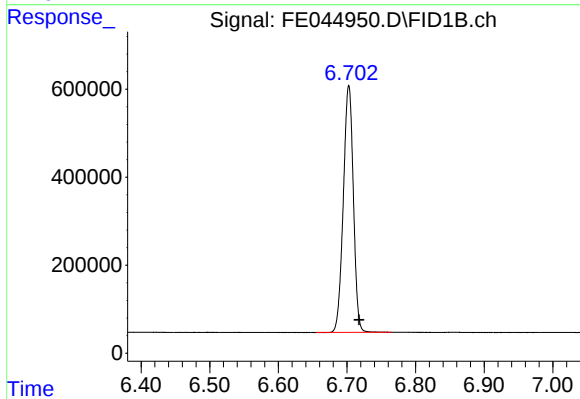
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: -0.012 min
Response: 5233450
Conc: 30.72 ug/ml



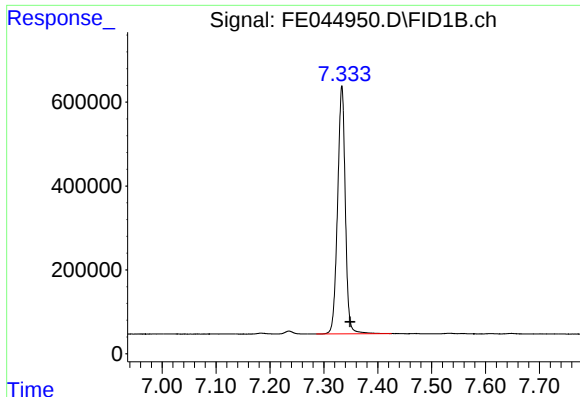
#3 A~Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: -0.016 min
Response: 5855202
Conc: 31.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.703 min
Delta R.T.: -0.015 min
Response: 5708812
Conc: 33.07 ug/ml



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

R.T.: 7.334 min
Delta R.T.: -0.015 min
Response: 5891847
Conc: 32.66 ug/ml

Instrument :

FID_E

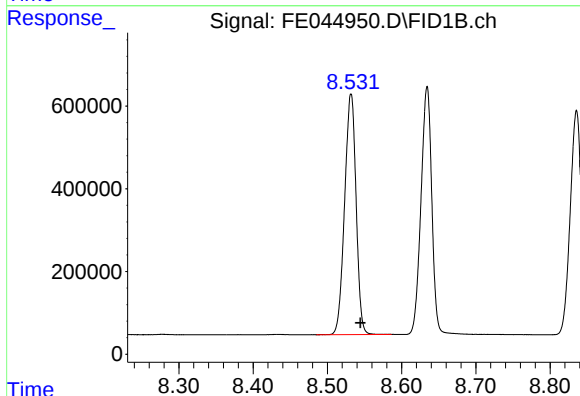
ClientSampleId :

PB156523BS

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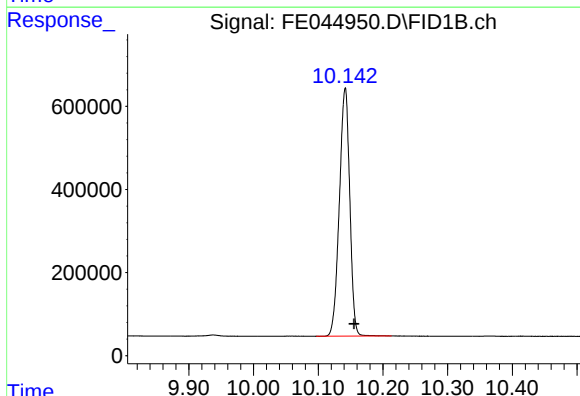
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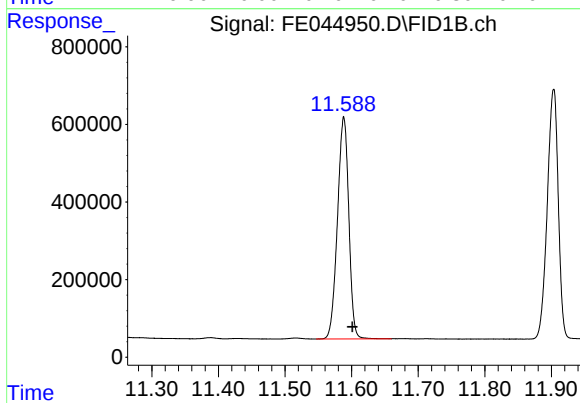
#6 n-Tetradecane (C14)

R.T.: 8.532 min
Delta R.T.: -0.012 min
Response: 6228752
Conc: 36.32 ug/ml



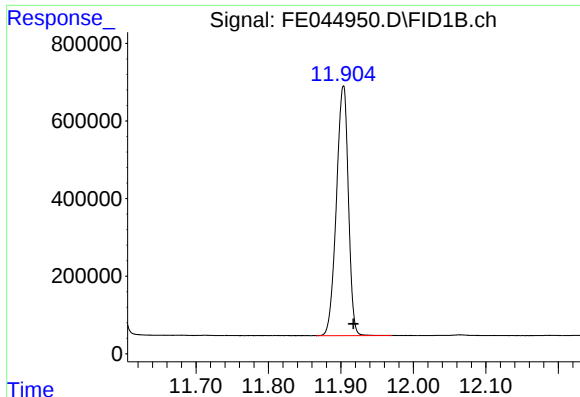
#7 n-Hexadecane (C16)

R.T.: 10.142 min
Delta R.T.: -0.013 min
Response: 6675096
Conc: 38.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.588 min
Delta R.T.: -0.013 min
Response: 6744269
Conc: 38.67 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.903 min
Delta R.T.: -0.013 min
Response: 7386287
Conc: 36.85 ug/ml

Instrument :

FID_E

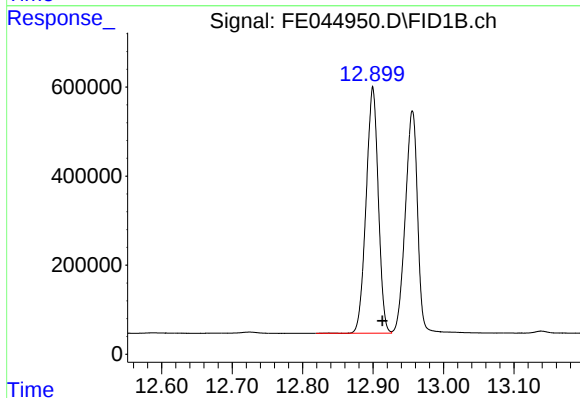
ClientSampleId :

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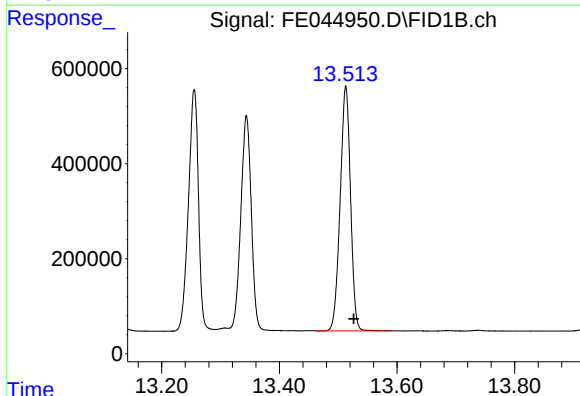
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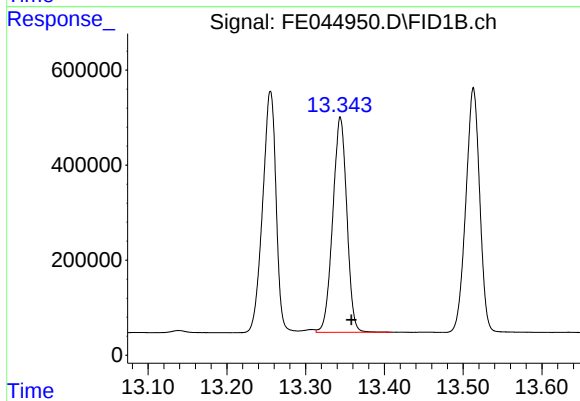
#10 n-Eicosane (C20)

R.T.: 12.900 min
Delta R.T.: -0.014 min
Response: 6632277
Conc: 39.71 ug/ml



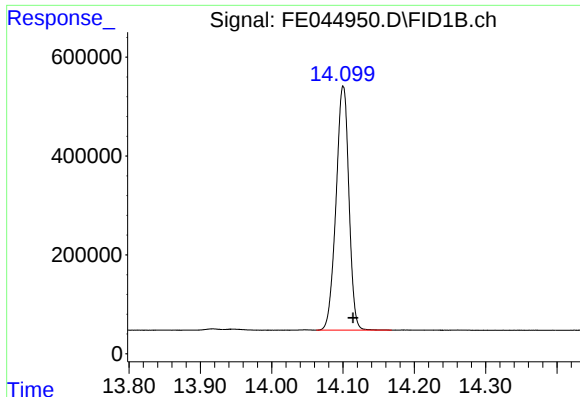
#11 n-Heneicosane (C21)

R.T.: 13.513 min
Delta R.T.: -0.014 min
Response: 6301259
Conc: 38.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.344 min
Delta R.T.: -0.014 min
Response: 5621343
Conc: 37.99 ug/ml



#13 n-Docosane (C22)

R.T.: 14.100 min
Delta R.T.: -0.014 min
Response: 6200640
Conc: 38.77 ug/ml

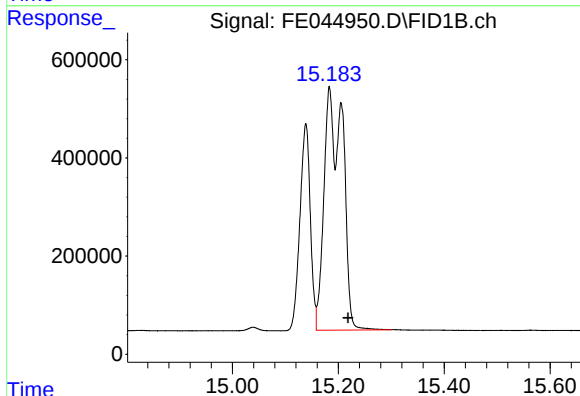
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FID_E

ClientSampleId :
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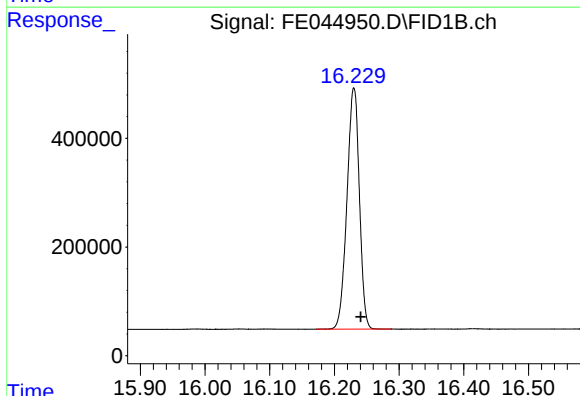
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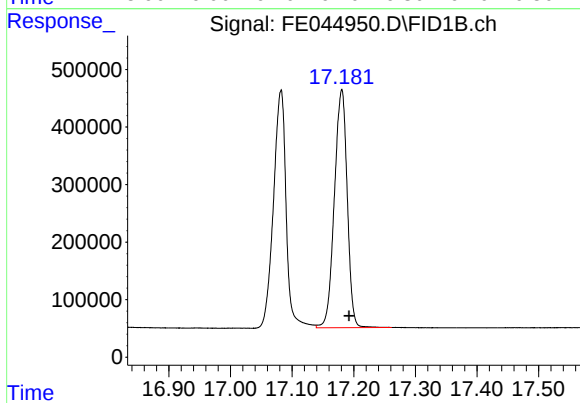
#14 n-Tetracosane (C24)

R.T.: 15.183 min
Delta R.T.: -0.036 min
Response: 12138699
Conc: 78.22 ug/ml m



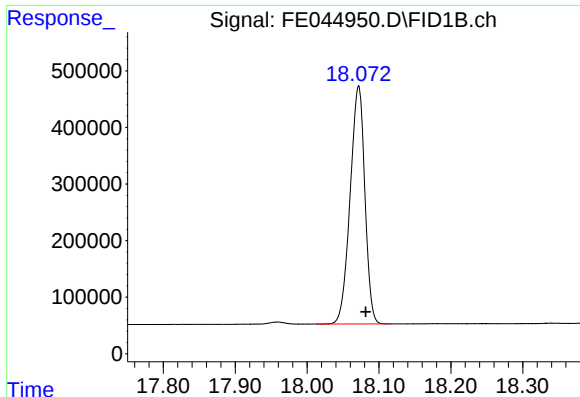
#15 n-Hexacosane (C26)

R.T.: 16.230 min
Delta R.T.: -0.010 min
Response: 5918676
Conc: 39.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.181 min
Delta R.T.: -0.012 min
Response: 5997798
Conc: 40.84 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.072 min
Delta R.T.: -0.010 min
Response: 5970872
Conc: 40.15 ug/ml

Instrument :

FID_E

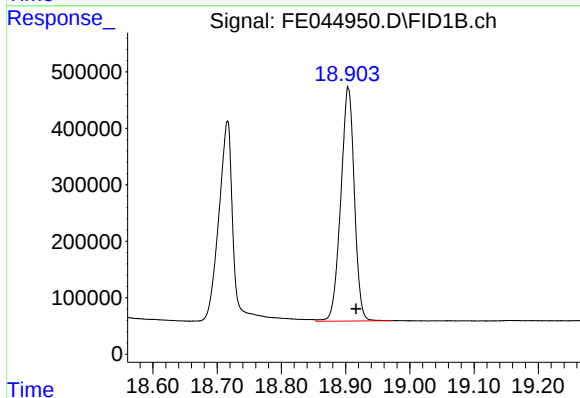
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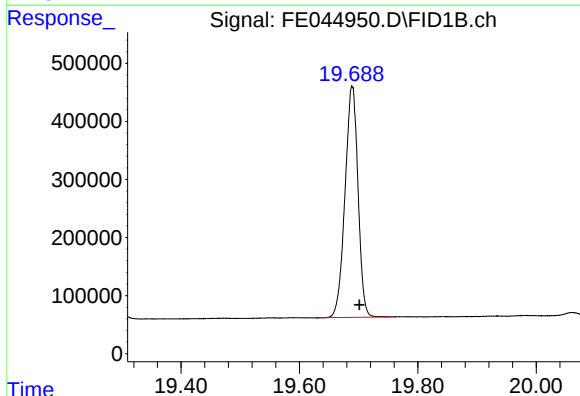
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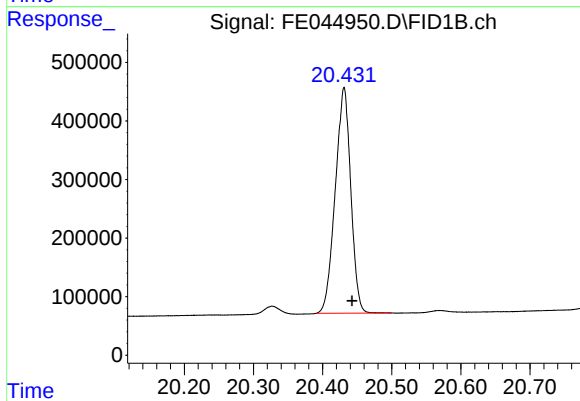
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: -0.012 min
Response: 6084426
Conc: 40.54 ug/ml



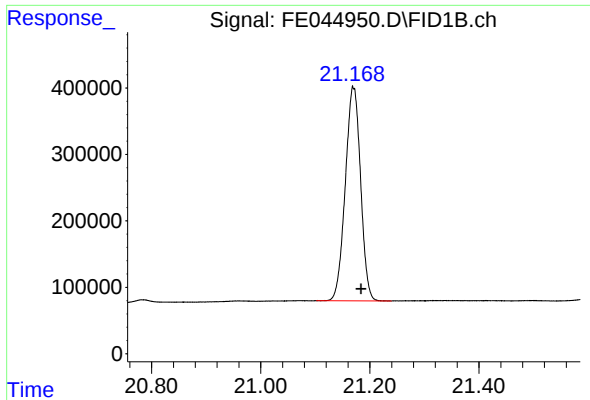
#19 n-Tetratriacontane (C34)

R.T.: 19.689 min
Delta R.T.: -0.012 min
Response: 6078430
Conc: 40.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.431 min
Delta R.T.: -0.012 min
Response: 6013852
Conc: 39.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: -0.014 min
Response: 6269646
Conc: 40.14 ug/ml

Instrument :

FID_E

ClientSampleId :

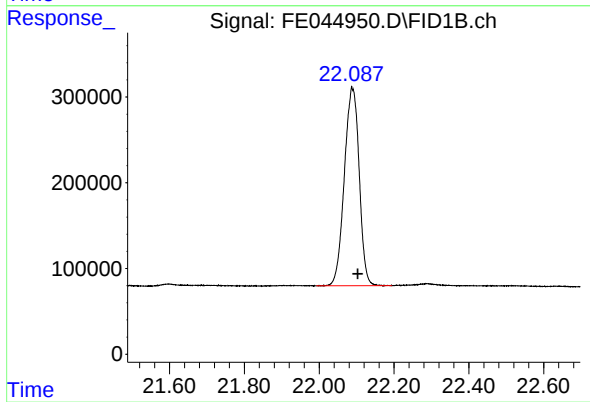
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#22 n-Tetracontane (C40)

R.T.: 22.088 min
Delta R.T.: -0.016 min
Response: 6356748
Conc: 38.04 ug/ml