

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102023AL\
 Data File : FE044951.D
 Signal(s) : FID1B.ch
 Acq On : 20 Oct 2023 17:37
 Operator : YP\AJ
 Sample : PB156523BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB156523BSD

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 00:42:41 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)	11.904	7969389	39.754 ug/ml
Spiked Amount 50.000		Recovery =	79.51%
12) S 1-chlorooctadecane (S...	13.346	6067103	40.998 ug/ml
Spiked Amount 50.000		Recovery =	82.00%
Target Compounds			
1) T n-Nonane (C9)	3.295	5395810	32.165 ug/ml
2) T n-Decane (C10)	4.542	5765361	33.844 ug/ml
3) T A~Naphthalene (C11.7)	6.239	6432788	34.750 ug/ml
4) T n-Dodecane (C12)	6.704	6181702	35.811 ug/ml
5) T A~2-methylnaphthalene...	7.335	6426233	35.624 ug/ml
6) T n-Tetradecane (C14)	8.533	6700092	39.072 ug/ml
7) T n-Hexadecane (C16)	10.143	7181163	41.066 ug/ml
8) T n-Octadecane (C18)	11.590	7272915	41.699 ug/ml
10) T n-Eicosane (C20)	12.901	7148128	42.796 ug/ml
11) T n-Heneicosane (C21)	13.514	6783355	41.613 ug/ml
13) T n-Docosane (C22)	14.102	6658425	41.627 ug/ml
14) T n-Tetracosane (C24)	15.185	13284176	85.596 ug/mlm
15) T n-Hexacosane (C26)	16.230	6359283	42.357 ug/ml
16) T n-Octacosane (C28)	17.181	6443462	43.880 ug/ml
17) T n-Tricontane (C30)	18.072	6389450	42.960 ug/ml
18) T n-Dotriacontane (C32)	18.904	6545797	43.611 ug/ml
19) T n-Tetratriacontane (C34)	19.689	6649466	44.668 ug/ml
20) T n-Hexatriacontane (C36)	20.431	6661337	43.328 ug/ml
21) T n-Octatriacontane (C38)	21.171	7021046	44.946 ug/ml
22) T n-Tetracontane (C40)	22.088	7101530	42.493 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB156523BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

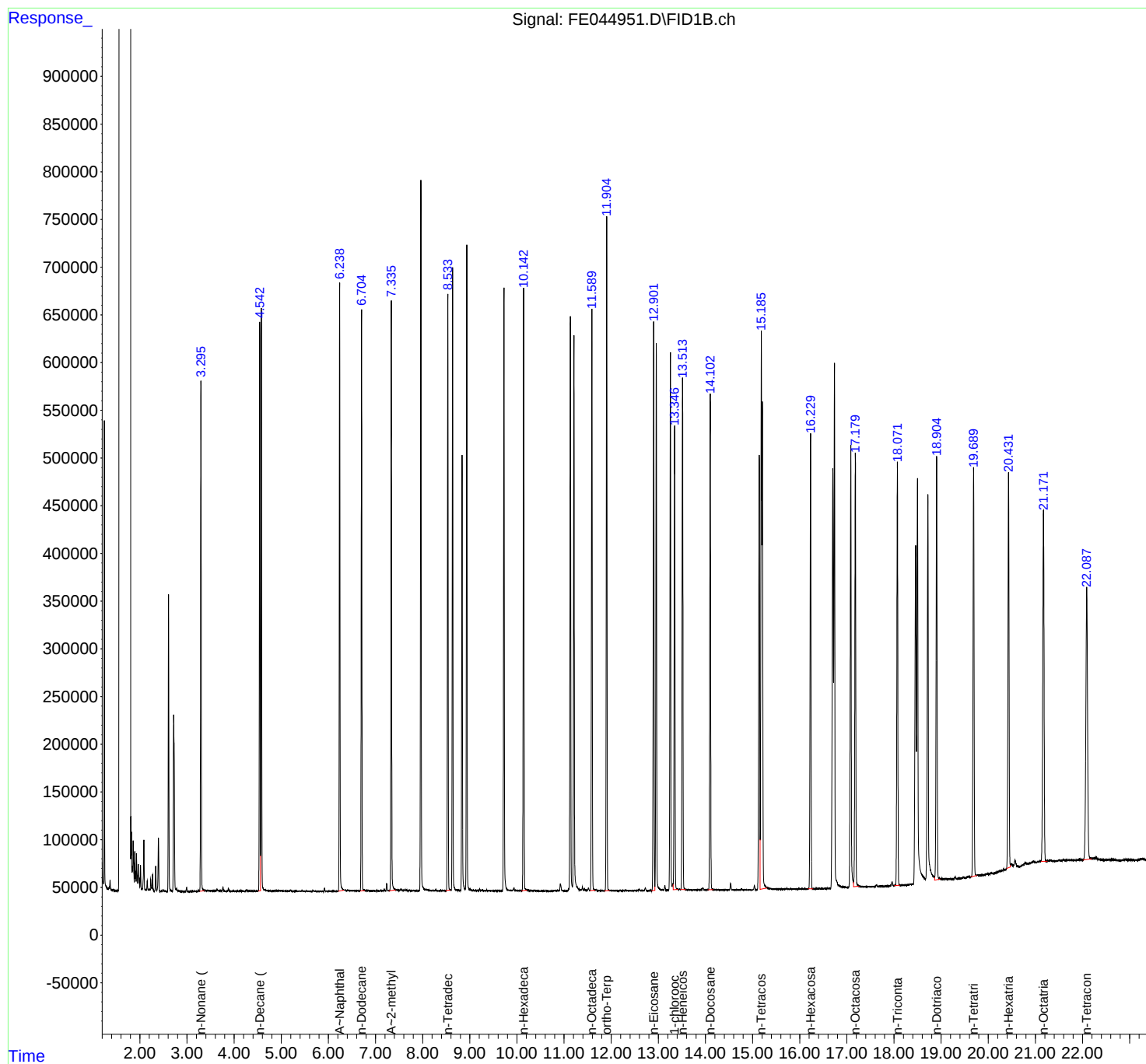
Instrument :
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PB156523BSD

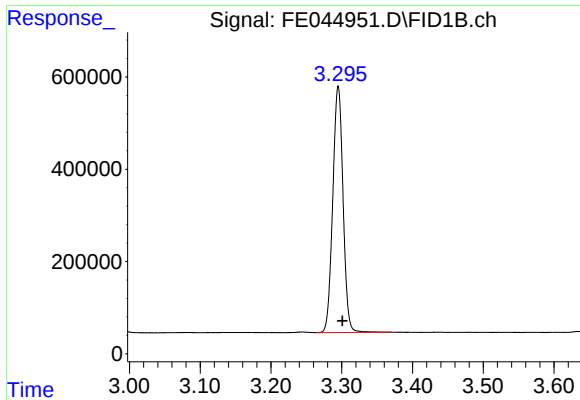
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#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: -0.006 min
Response: 5395810
Conc: 32.17 ug/ml

Instrument :

FID_E

ClientSampleId :

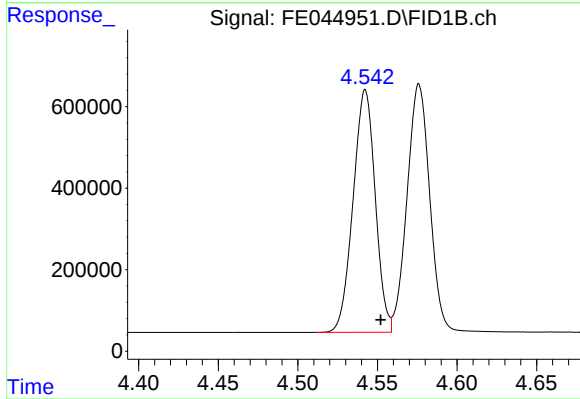
PB156523BSD

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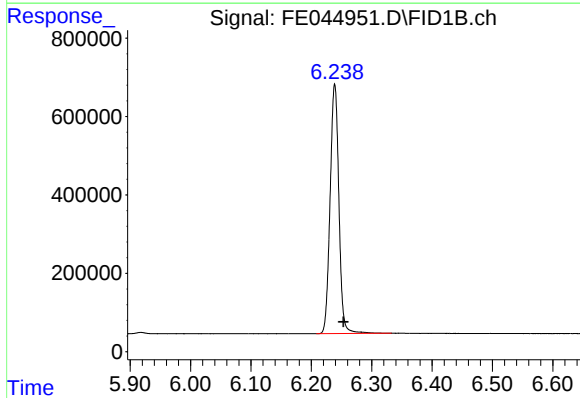
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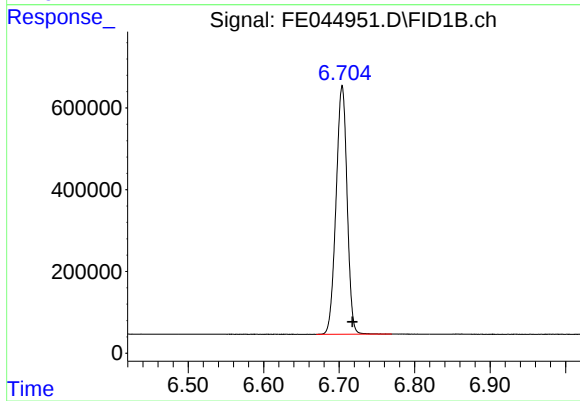
#2 n-Decane (C10)

R.T.: 4.542 min
Delta R.T.: -0.010 min
Response: 5765361
Conc: 33.84 ug/ml



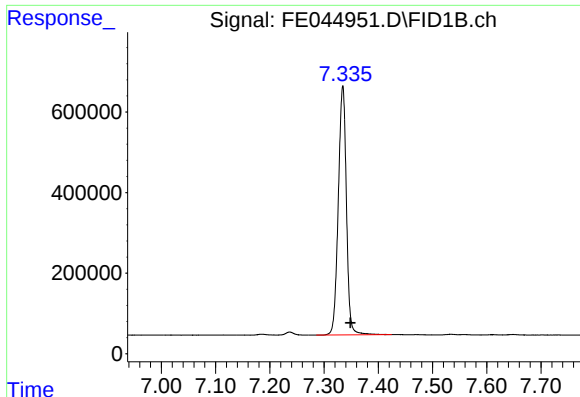
#3 A~Naphthalene (C11.7)

R.T.: 6.239 min
Delta R.T.: -0.014 min
Response: 6432788
Conc: 34.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.704 min
Delta R.T.: -0.014 min
Response: 6181702
Conc: 35.81 ug/ml



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

R.T.: 7.335 min
Delta R.T.: -0.014 min
Response: 6426233
Conc: 35.62 ug/ml

Instrument :

FID_E

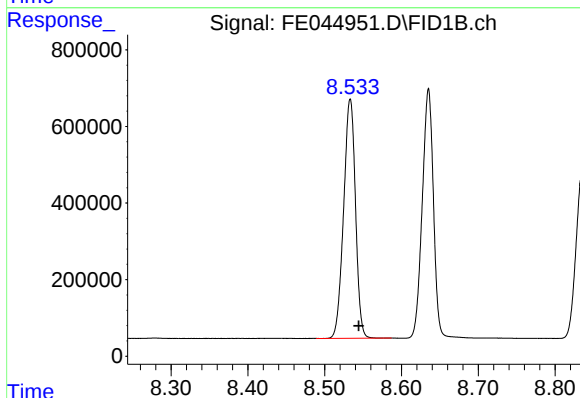
ClientSampleId :

PB156523BSD

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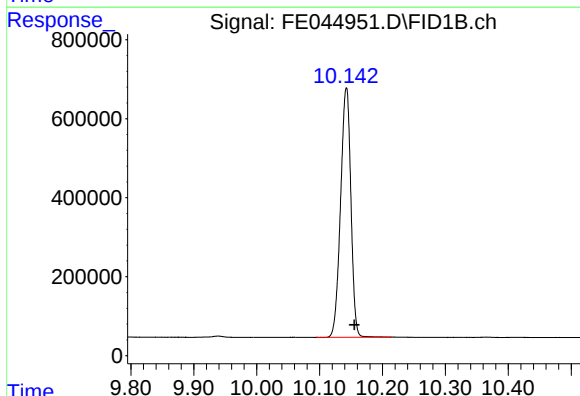
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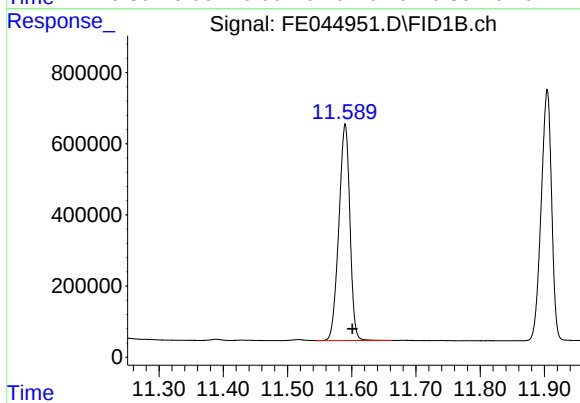
#6 n-Tetradecane (C14)

R.T.: 8.533 min
Delta R.T.: -0.011 min
Response: 6700092
Conc: 39.07 ug/ml



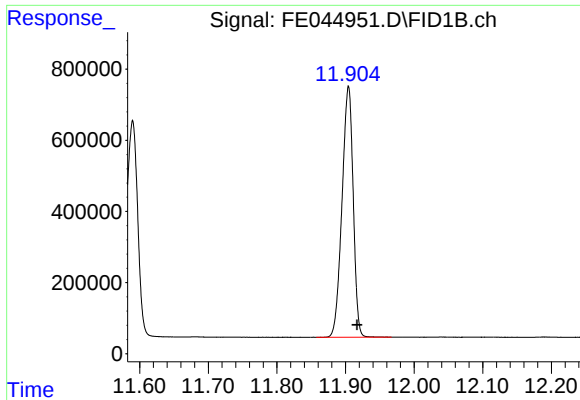
#7 n-Hexadecane (C16)

R.T.: 10.143 min
Delta R.T.: -0.013 min
Response: 7181163
Conc: 41.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.590 min
Delta R.T.: -0.011 min
Response: 7272915
Conc: 41.70 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.904 min
Delta R.T.: -0.013 min
Response: 7969389
Conc: 39.75 ug/ml

Instrument :

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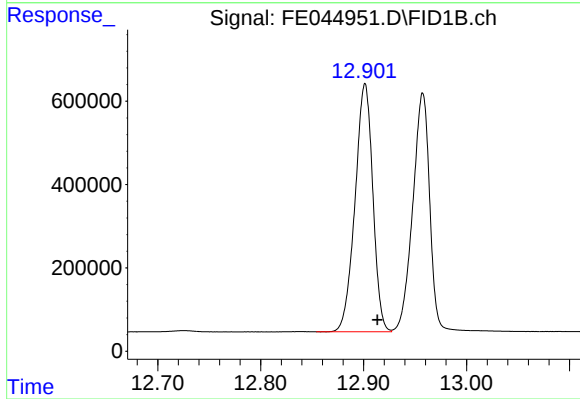
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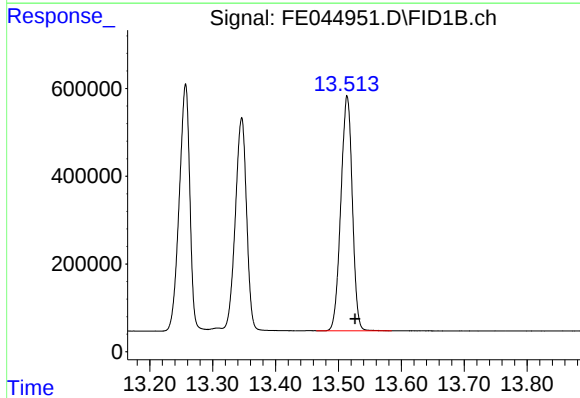
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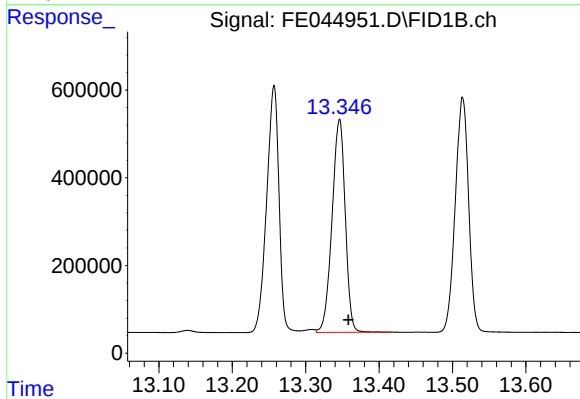
#10 n-Eicosane (C20)

R.T.: 12.901 min
Delta R.T.: -0.012 min
Response: 7148128
Conc: 42.80 ug/ml



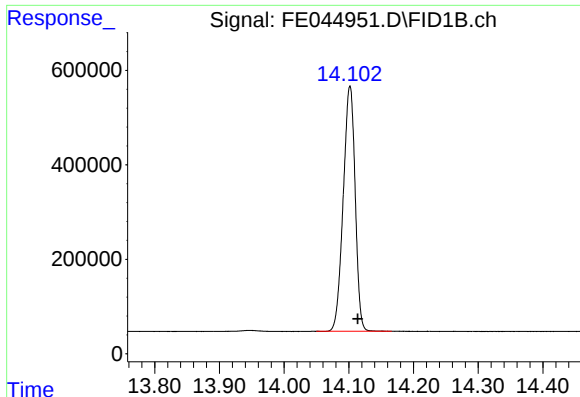
#11 n-Heneicosane (C21)

R.T.: 13.514 min
Delta R.T.: -0.013 min
Response: 6783355
Conc: 41.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.346 min
Delta R.T.: -0.012 min
Response: 6067103
Conc: 41.00 ug/ml



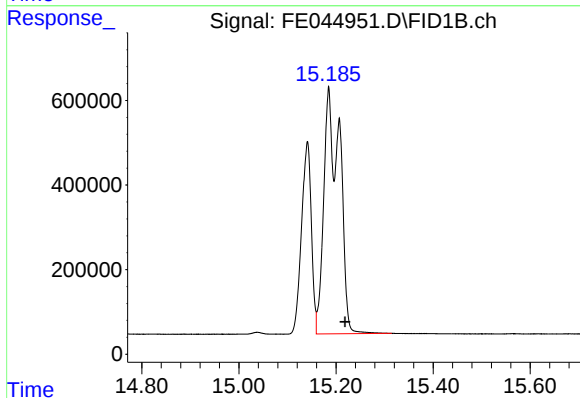
#13 n-Docosane (C22)

R.T.: 14.102 min
Delta R.T.: -0.012 min
Response: 6658425
Conc: 41.63 ug/ml

Instrument :
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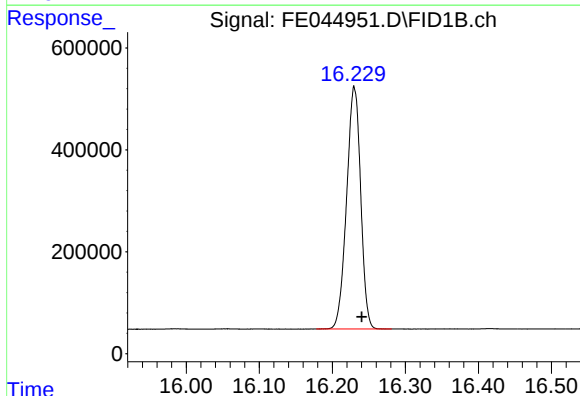
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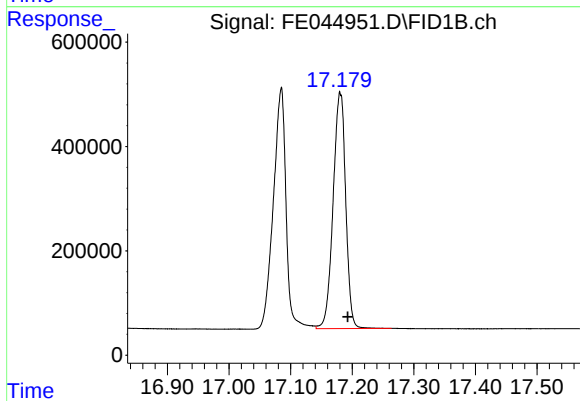
#14 n-Tetracosane (C24)

R.T.: 15.185 min
Delta R.T.: -0.034 min
Response: 13284176
Conc: 85.60 ug/ml m



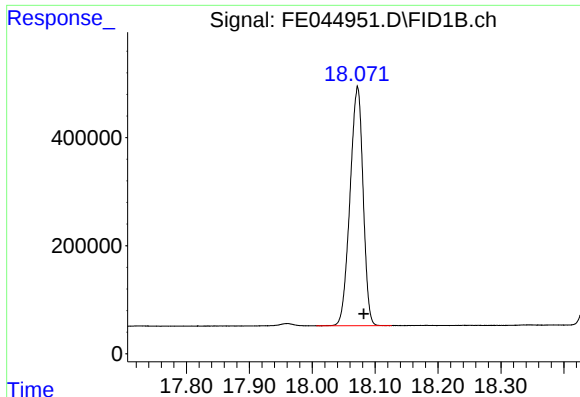
#15 n-Hexacosane (C26)

R.T.: 16.230 min
Delta R.T.: -0.011 min
Response: 6359283
Conc: 42.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.181 min
Delta R.T.: -0.012 min
Response: 6443462
Conc: 43.88 ug/ml



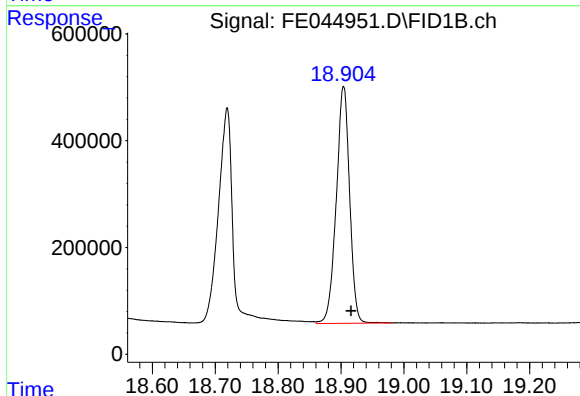
#17 n-Tricontane (C30)

R.T.: 18.072 min
Delta R.T.: -0.010 min
Response: 6389450
Conc: 42.96 ug/ml

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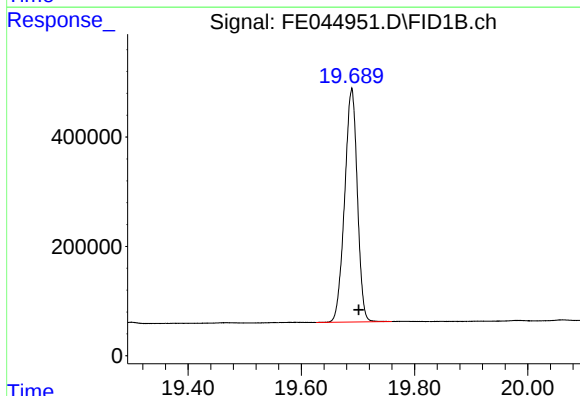
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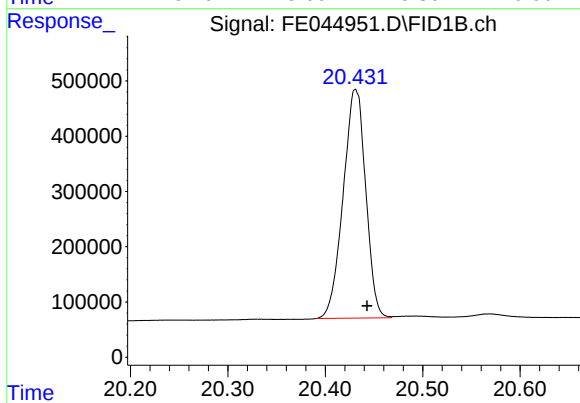
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: -0.012 min
Response: 6545797
Conc: 43.61 ug/ml



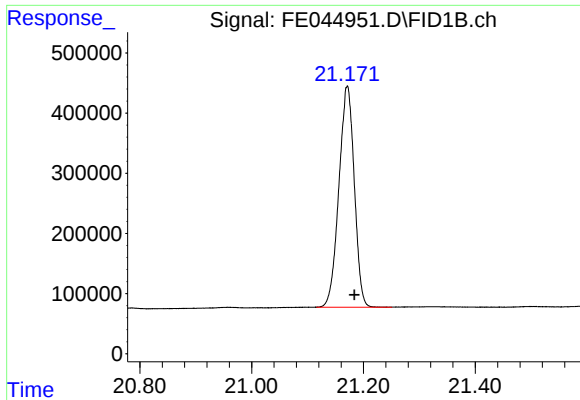
#19 n-Tetratriacontane (C34)

R.T.: 19.689 min
Delta R.T.: -0.012 min
Response: 6649466
Conc: 44.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.431 min
Delta R.T.: -0.012 min
Response: 6661337
Conc: 43.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: -0.013 min
Response: 7021046
Conc: 44.95 ug/ml

Instrument :

FID_E

ClientSampleId :

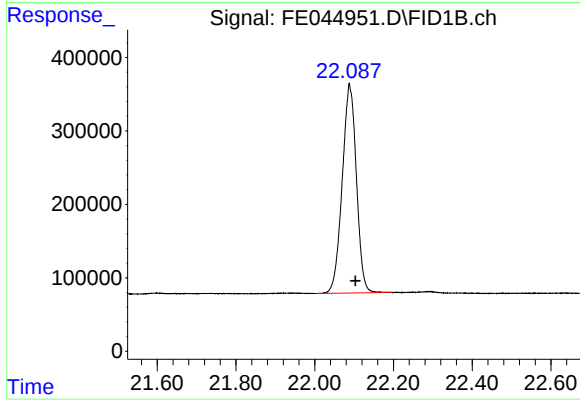
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#22 n-Tetracontane (C40)

R.T.: 22.088 min
Delta R.T.: -0.015 min
Response: 7101530
Conc: 42.49 ug/ml