

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112223AL\
 Data File : FE045504.D
 Signal(s) : FID1B.ch
 Acq On : 22 Nov 2023 18:08
 Operator : YP\AJ
 Sample : 05517-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-AMSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/24/2023

Supervised By :Ankita Jodhani 11/27/2023

Integration File: autoint1.e

Quant Time: Nov 22 22:47:04 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)	11.871	5153395	26.991 ug/ml
Spiked Amount 50.000		Recovery =	53.98%
12) S 1-chlorooctadecane (S...	13.313	3795198	27.554 ug/ml
Spiked Amount 50.000		Recovery =	55.11%
Target Compounds			
1) T n-Nonane (C9)	3.260	5005932	30.302 ug/ml
2) T n-Decane (C10)	4.511	5623457	33.537 ug/ml
3) T A~Naphthalene (C11.7)	6.210	8070807	45.215 ug/ml
4) T n-Dodecane (C12)	6.676	6190208	36.653 ug/ml
5) T A~2-methylnaphthalene...	7.305	6919171	40.294 ug/ml
6) T n-Tetradecane (C14)	8.505	6783688	40.702 ug/ml
7) T n-Hexadecane (C16)	10.113	7301782	43.411 ug/ml
8) T n-Octadecane (C18)	11.559	7563215	45.188 ug/ml
10) T n-Eicosane (C20)	12.871	7621471	48.113 ug/ml
11) T n-Heneicosane (C21)	13.482	7175581	46.668 ug/ml
13) T n-Docosane (C22)	14.070	7154441	47.219 ug/ml
14) T n-Tetracosane (C24)	15.157	14891334	100.542 ug/mlm
15) T n-Hexacosane (C26)	16.201	6829425	46.855 ug/ml
16) T n-Octacosane (C28)	17.152	6979175	47.760 ug/ml
17) T n-Tricontane (C30)	18.043	6880239	45.295 ug/ml
18) T n-Dotriacontane (C32)	18.877	7030586	45.004 ug/ml
19) T n-Tetratriacontane (C34)	19.661	6979744	44.703 ug/ml
20) T n-Hexatriacontane (C36)	20.404	6999196	43.120 ug/ml
21) T n-Octatriacontane (C38)	21.138	7012955	42.210 ug/ml
22) T n-Tetracontane (C40)	22.045	7018541	41.090 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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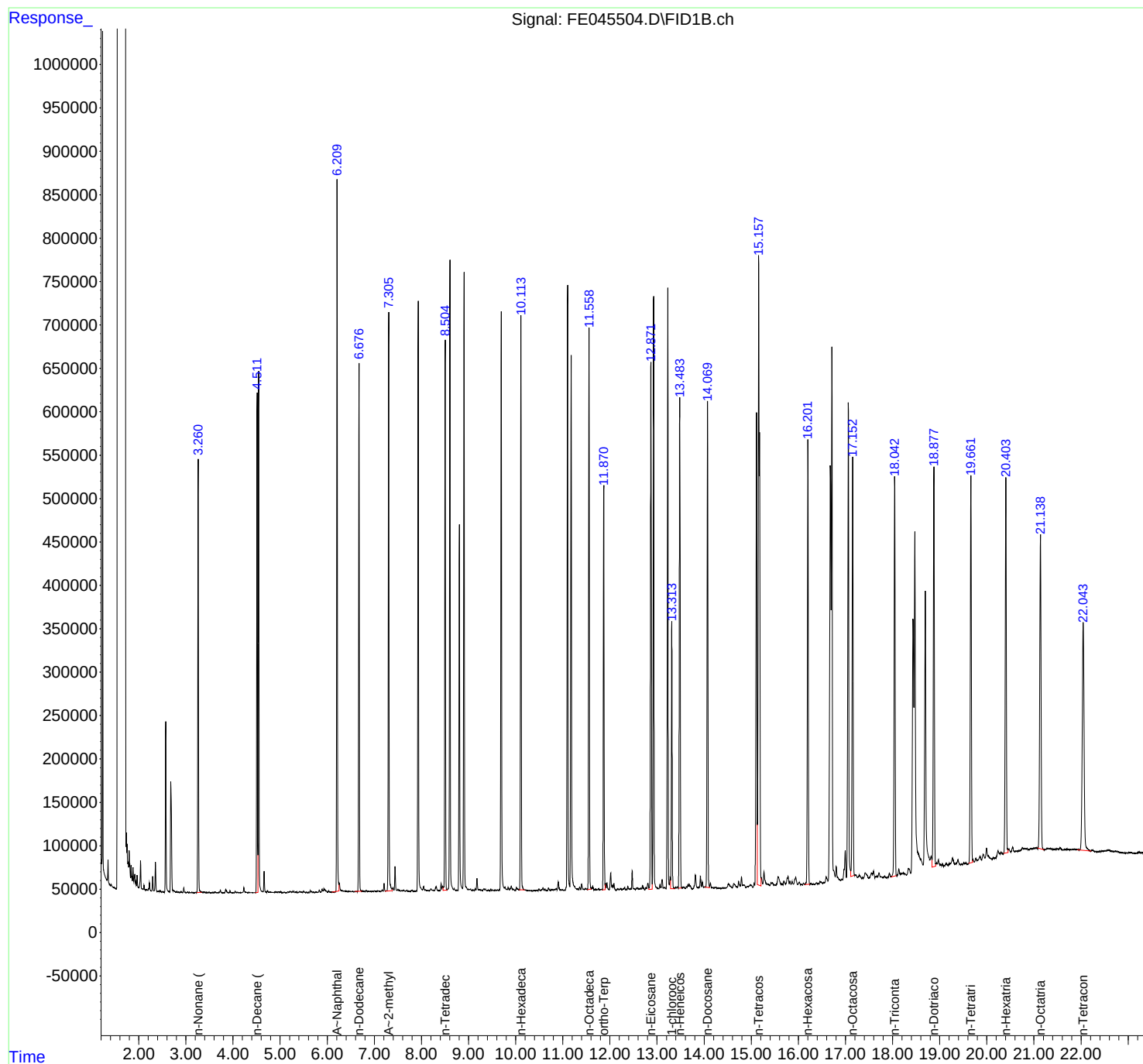
Instrument :
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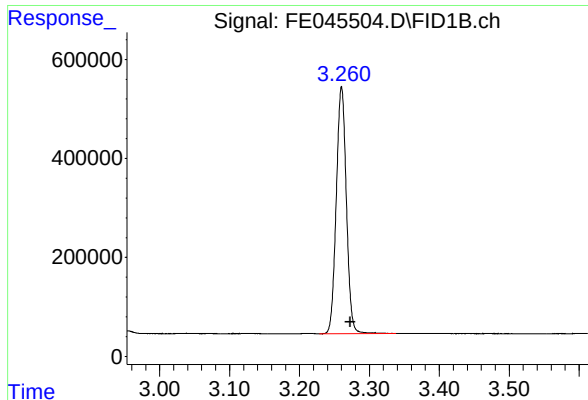
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.260 min
Delta R.T.: -0.013 min
Response: 5005932
Conc: 30.30 ug/ml

Instrument :

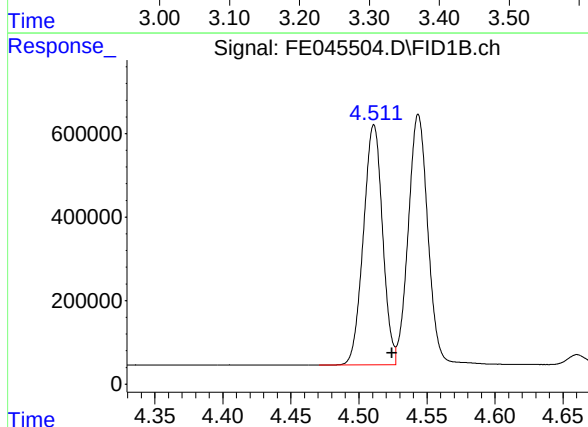
FID_E

ClientSampleId :

TP-AMSD

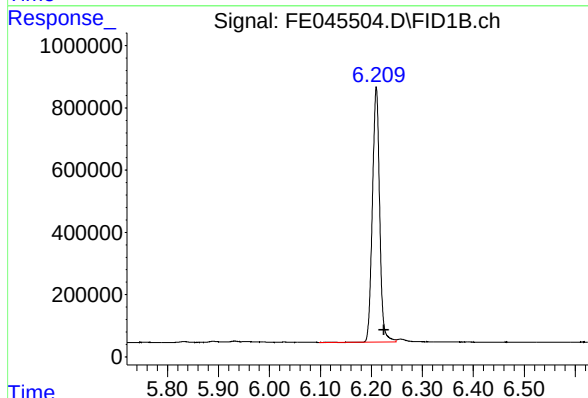
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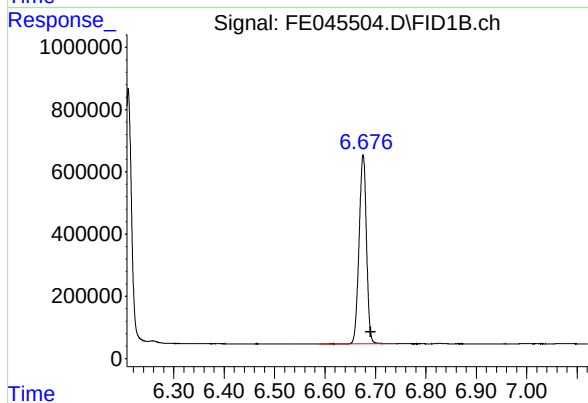
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: -0.013 min
Response: 5623457
Conc: 33.54 ug/ml



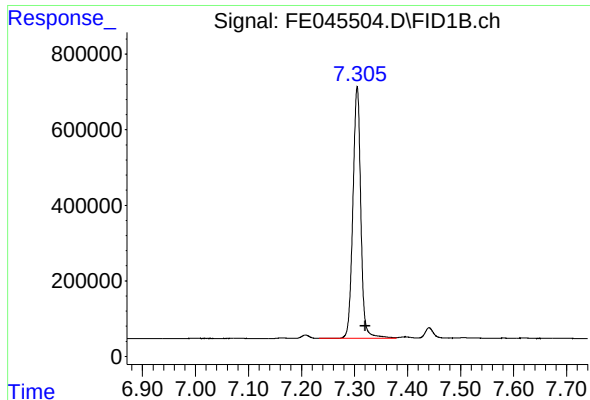
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.015 min
Response: 8070807
Conc: 45.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.676 min
Delta R.T.: -0.015 min
Response: 6190208
Conc: 36.65 ug/ml



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

R.T.: 7.305 min
Delta R.T.: -0.016 min
Response: 6919171
Conc: 40.29 ug/ml

Instrument :

FID_E

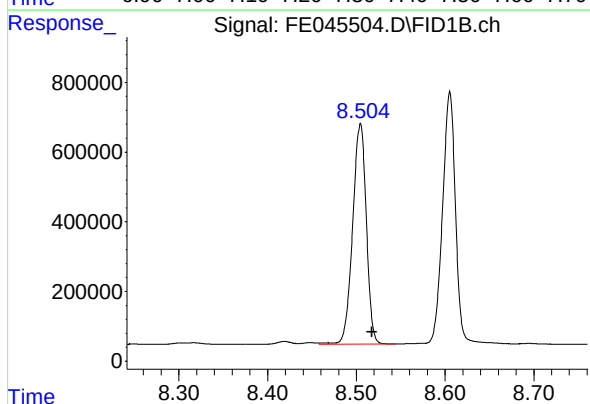
ClientSampleId :

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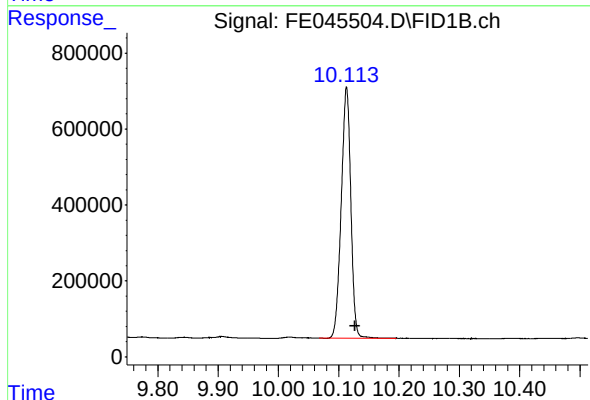
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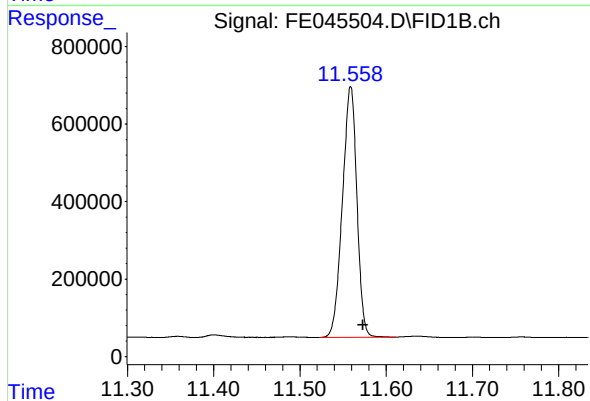
#6 n-Tetradecane (C14)

R.T.: 8.505 min
Delta R.T.: -0.013 min
Response: 6783688
Conc: 40.70 ug/ml



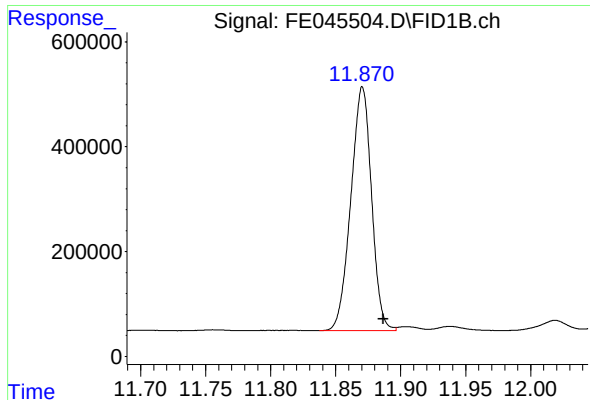
#7 n-Hexadecane (C16)

R.T.: 10.113 min
Delta R.T.: -0.014 min
Response: 7301782
Conc: 43.41 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.559 min
Delta R.T.: -0.014 min
Response: 7563215
Conc: 45.19 ug/ml



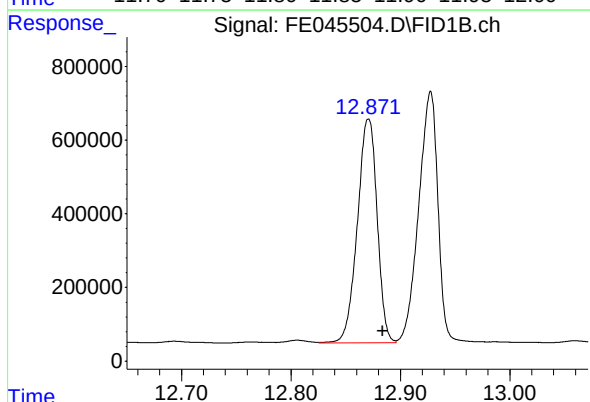
#9 ortho-Terphenyl (SURR)

R.T.: 11.871 min
Delta R.T.: -0.016 min
Response: 5153395
Conc: 26.99 ug/ml

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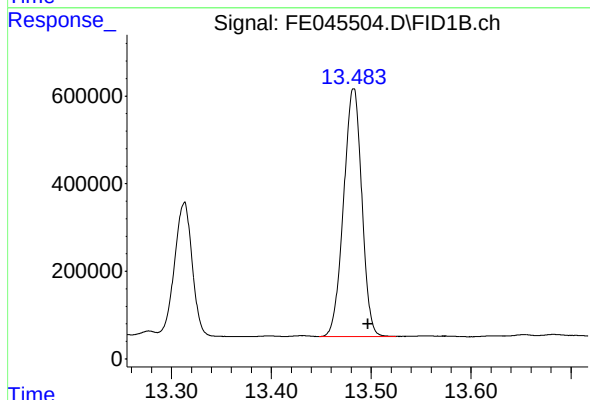
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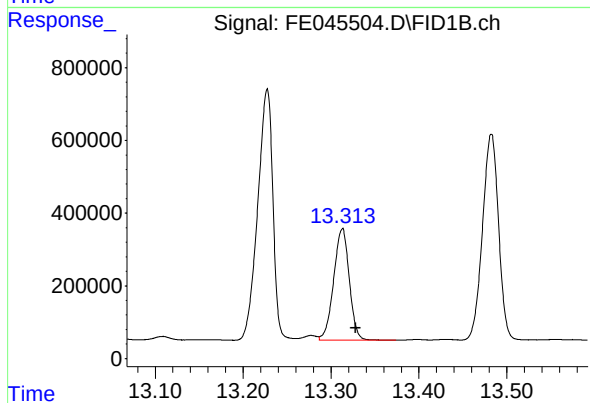
#10 n-Eicosane (C20)

R.T.: 12.871 min
Delta R.T.: -0.013 min
Response: 7621471
Conc: 48.11 ug/ml



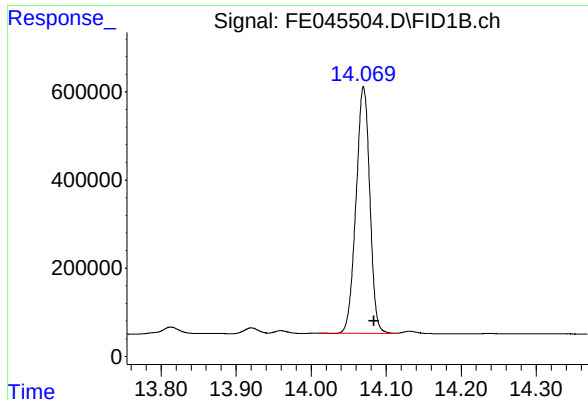
#11 n-Heneicosane (C21)

R.T.: 13.482 min
Delta R.T.: -0.014 min
Response: 7175581
Conc: 46.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: -0.015 min
Response: 3795198
Conc: 27.55 ug/ml



#13 n-Docosane (C22)

R.T.: 14.070 min
Delta R.T.: -0.014 min
Response: 7154441
Conc: 47.22 ug/ml

Instrument :

FID_E

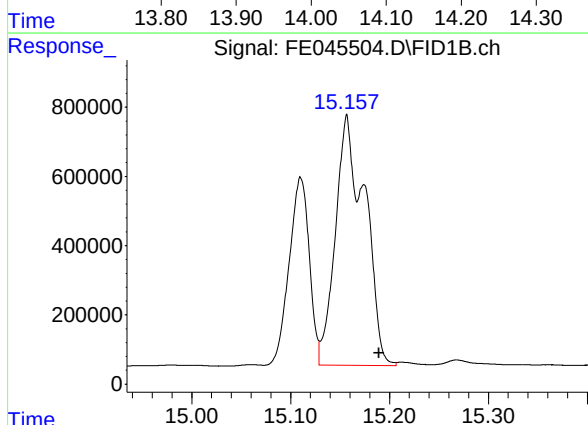
ClientSampleId :

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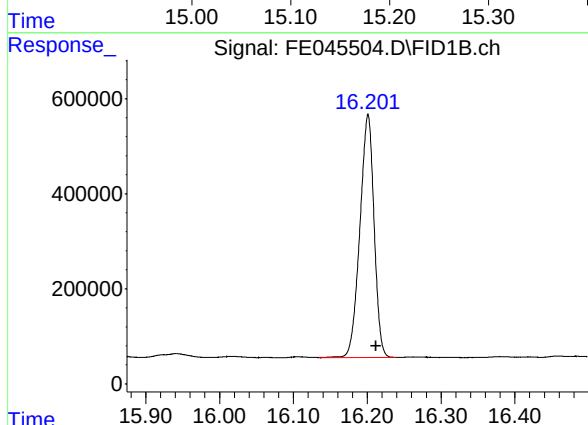
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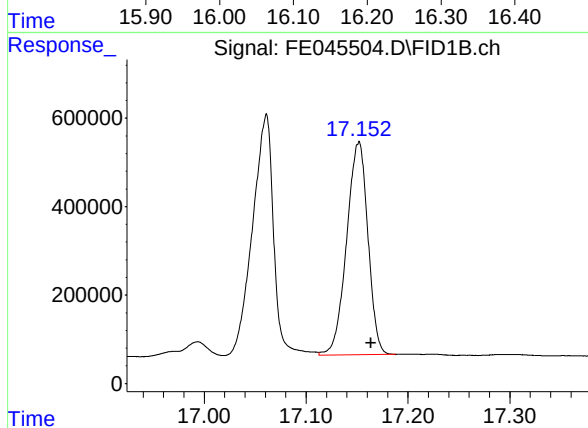
#14 n-Tetracosane (C24)

R.T.: 15.157 min
Delta R.T.: -0.033 min
Response: 14891334
Conc: 100.54 ug/ml m



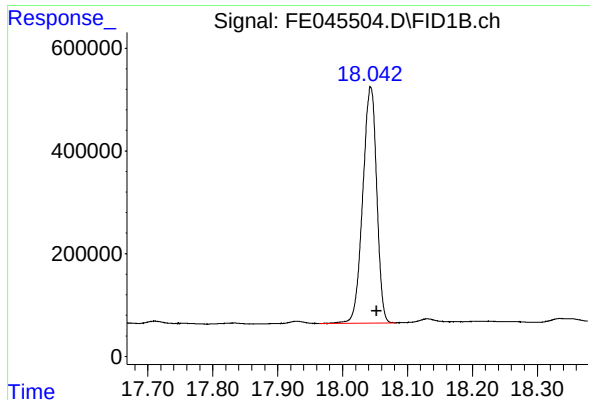
#15 n-Hexacosane (C26)

R.T.: 16.201 min
Delta R.T.: -0.011 min
Response: 6829425
Conc: 46.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.152 min
Delta R.T.: -0.012 min
Response: 6979175
Conc: 47.76 ug/ml



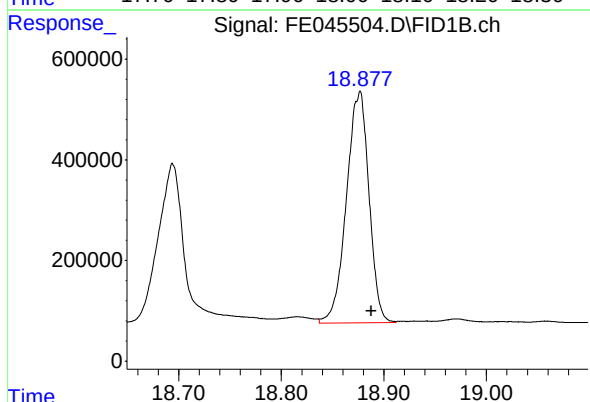
#17 n-Tricontane (C30)

R.T.: 18.043 min
Delta R.T.: -0.009 min
Response: 6880239
Conc: 45.30 ug/ml

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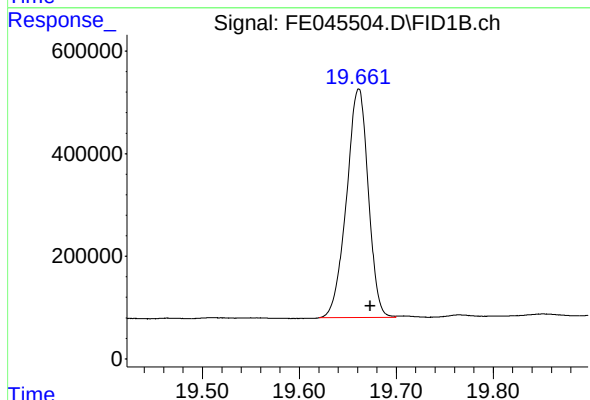
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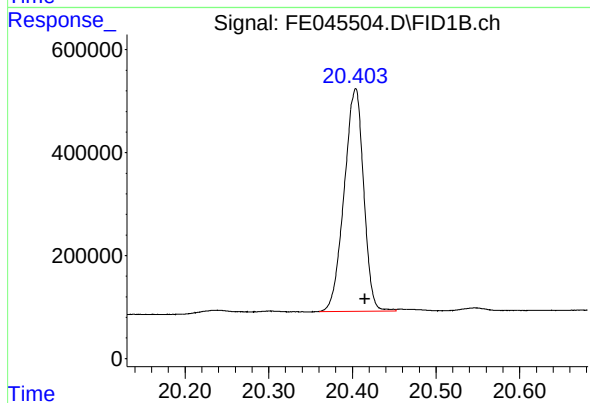
#18 n-Dotriacontane (C32)

R.T.: 18.877 min
Delta R.T.: -0.011 min
Response: 7030586
Conc: 45.00 ug/ml



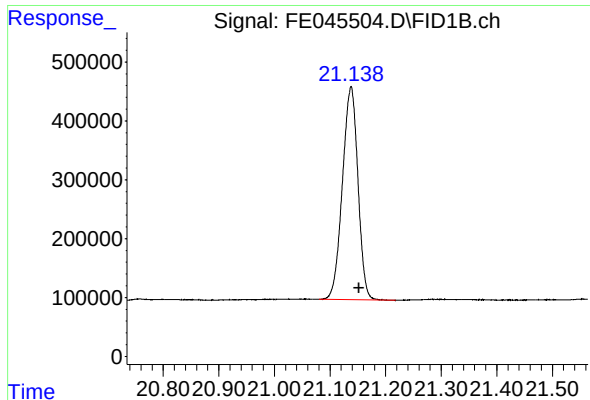
#19 n-Tetratriacontane (C34)

R.T.: 19.661 min
Delta R.T.: -0.012 min
Response: 6979744
Conc: 44.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.404 min
Delta R.T.: -0.011 min
Response: 6999196
Conc: 43.12 ug/ml



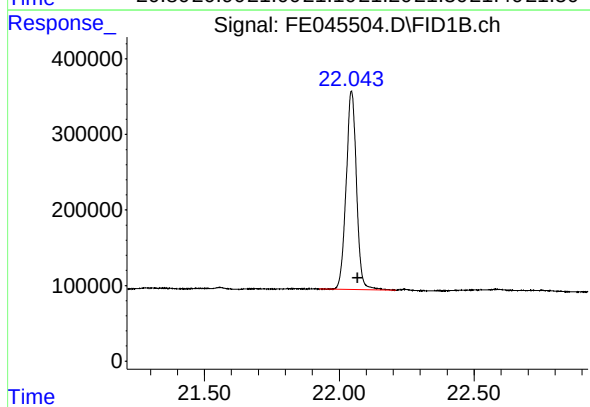
#21 n-Octatriacontane (C38)

R.T.: 21.138 min
Delta R.T.: -0.014 min
Response: 7012955
Conc: 42.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.045 min
Delta R.T.: -0.023 min
Response: 7018541
Conc: 41.09 ug/ml