

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050324AL\
 Data File : FE047965.D
 Signal(s) : FID1B.ch
 Acq On : 03 May 2024 14:17
 Operator : YP\AJ
 Sample : PB160700BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB160700BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/06/2024
 Supervised By :Ankita Jodhani 05/06/2024

Integration File: autoint1.e
 Quant Time: May 03 23:46:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 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)	11.971	6827870	47.329 ug/ml
Spiked Amount 50.000		Recovery =	94.66%
12) S 1-chlorooctadecane (S...	13.403	5635261	50.431 ug/mlm
Spiked Amount 50.000		Recovery =	100.86%
Target Compounds			
1) T n-Nonane (C9)	3.359	6296966	48.859 ug/ml
2) T n-Decane (C10)	4.608	6694987	50.853 ug/ml
3) T A~Naphthalene (C11.7)	6.311	6962907	50.426 ug/ml
4) T n-Dodecane (C12)	6.770	6945144	52.097 ug/ml
5) T A~2-methylnaphthalene...	7.407	6890713	51.781 ug/ml
6) T n-Tetradecane (C14)	8.599	7011928	52.912 ug/ml
7) T n-Hexadecane (C16)	10.205	6972963	50.700 ug/ml
8) T n-Octadecane (C18)	11.649	7109860	51.041 ug/ml
10) T n-Eicosane (C20)	12.958	7130714	52.960 ug/ml
11) T n-Heneicosane (C21)	13.570	6928672	52.341 ug/ml
13) T n-Docosane (C22)	14.156	6863347	51.791 ug/ml
14) T n-Tetracosane (C24)	15.250	11885404	89.261 ug/ml
15) T n-Hexacosane (C26)	16.278	6718755	50.349 ug/ml
16) T n-Octacosane (C28)	17.227	6880230	51.674 ug/ml
17) T n-Tricontane (C30)	18.114	6827058	49.467 ug/ml
18) T n-Dotriacontane (C32)	18.944	6953798	50.344 ug/mlm
19) T n-Tetratriacontane (C34)	19.729	7684508	56.411 ug/ml
20) T n-Hexatriacontane (C36)	20.471	8765928	64.741 ug/ml
21) T n-Octatriacontane (C38)	21.213	10580288	76.631 ug/ml
22) T n-Tetracontane (C40)	22.141	12176416	87.398 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB160700BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

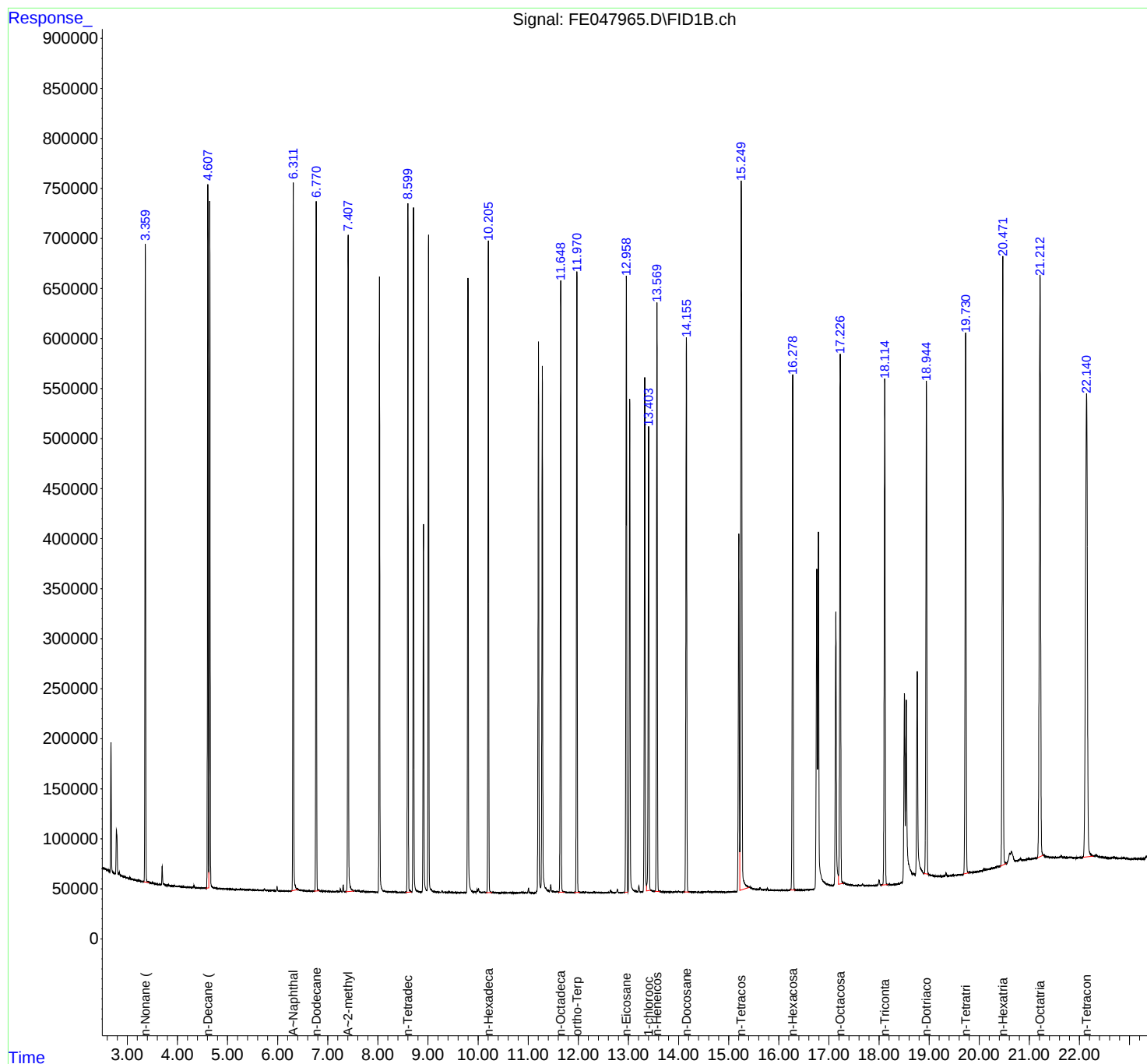
Instrument :
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PB160700BSD

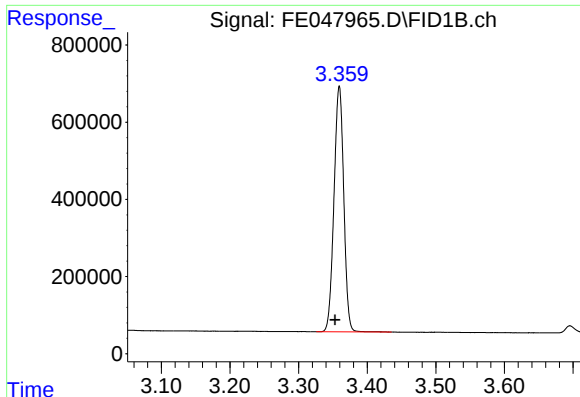
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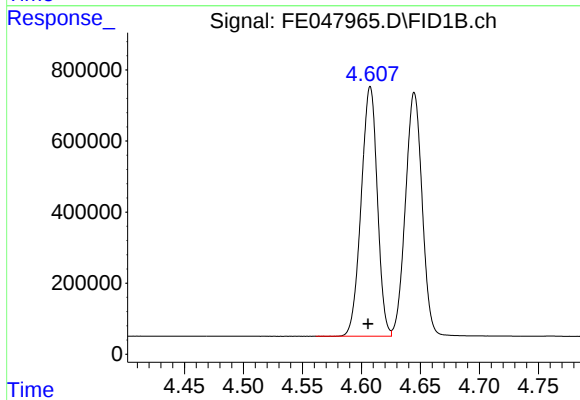
#1 n-Nonane (C9)

R.T.: 3.359 min
Delta R.T.: 0.006 min
Response: 6296966
Conc: 48.86 ug/ml

Instrument :
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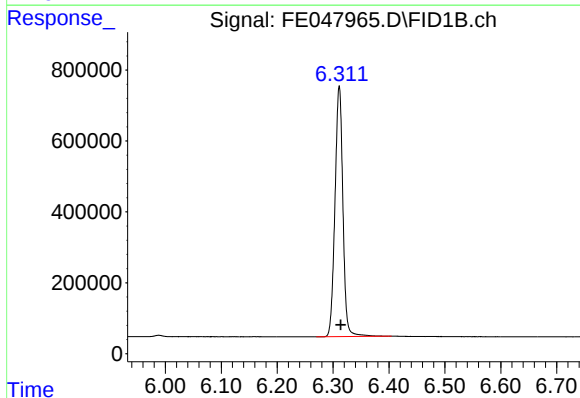
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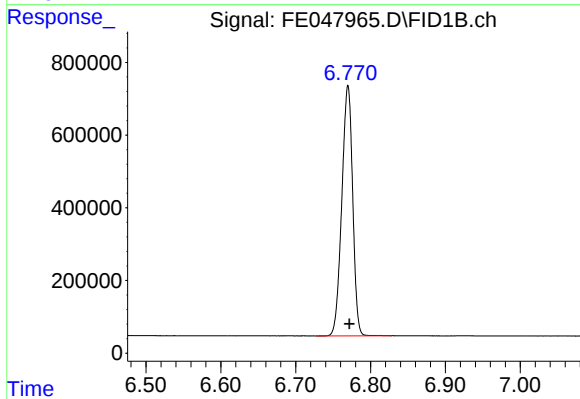
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: 0.002 min
Response: 6694987
Conc: 50.85 ug/ml



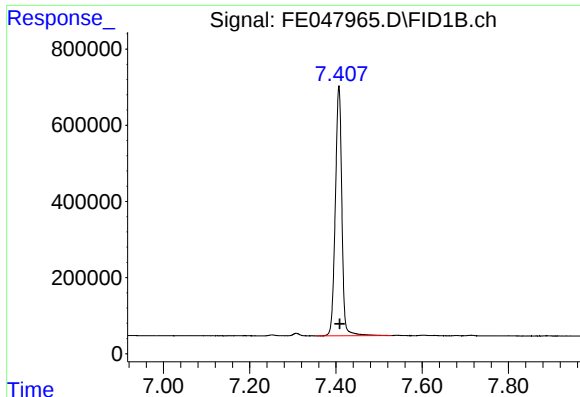
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min
Delta R.T.: -0.002 min
Response: 6962907
Conc: 50.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: -0.002 min
Response: 6945144
Conc: 52.10 ug/ml



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

R.T.: 7.407 min
Delta R.T.: -0.002 min
Response: 6890713
Conc: 51.78 ug/ml

Instrument :

FID_E

ClientSampleId :

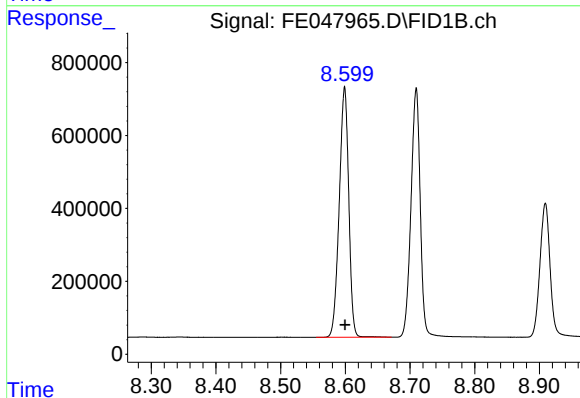
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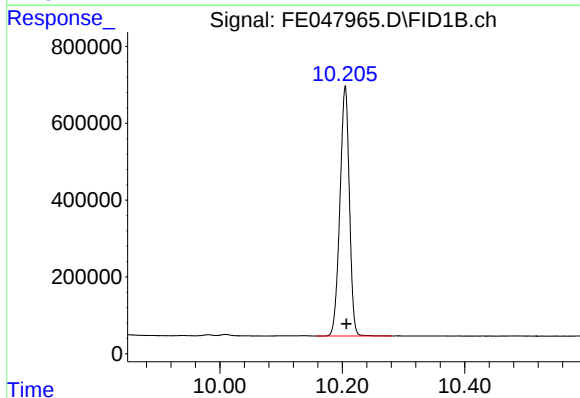
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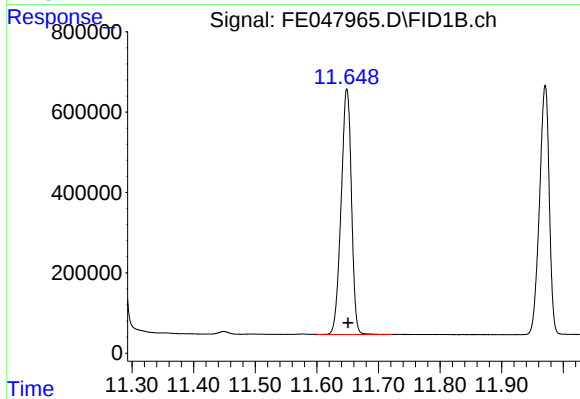
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 7011928
Conc: 52.91 ug/ml



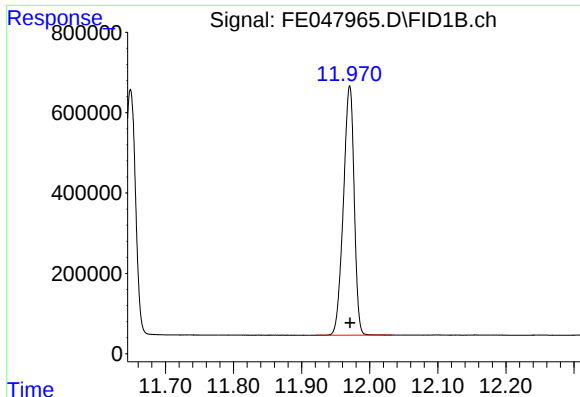
#7 n-Hexadecane (C16)

R.T.: 10.205 min
Delta R.T.: -0.002 min
Response: 6972963
Conc: 50.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.649 min
Delta R.T.: -0.002 min
Response: 7109860
Conc: 51.04 ug/ml



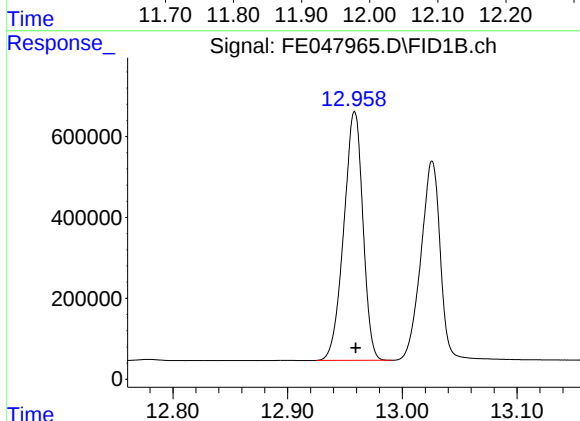
#9 ortho-Terphenyl (SURR)

R.T.: 11.971 min
Delta R.T.: 0.000 min
Response: 6827870
Conc: 47.33 ug/ml

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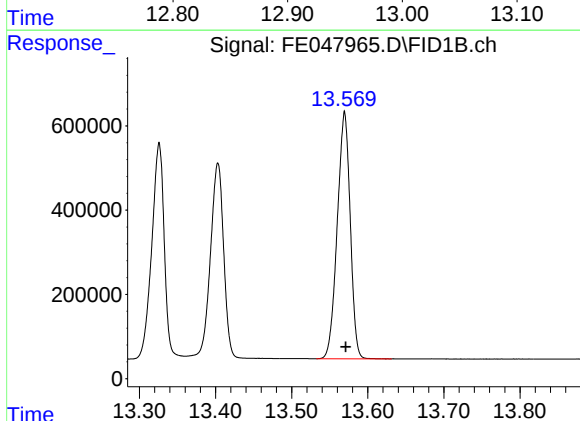
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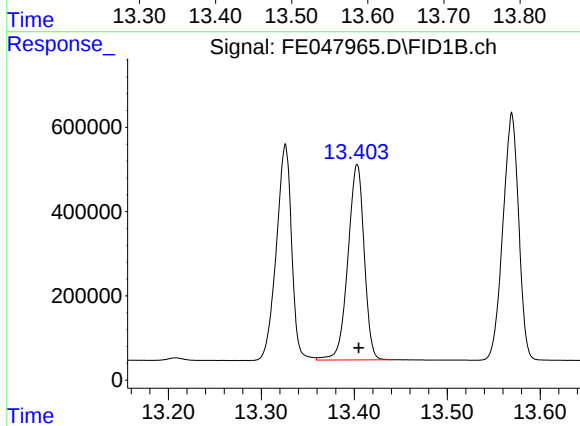
#10 n-Eicosane (C20)

R.T.: 12.958 min
Delta R.T.: 0.000 min
Response: 7130714
Conc: 52.96 ug/ml



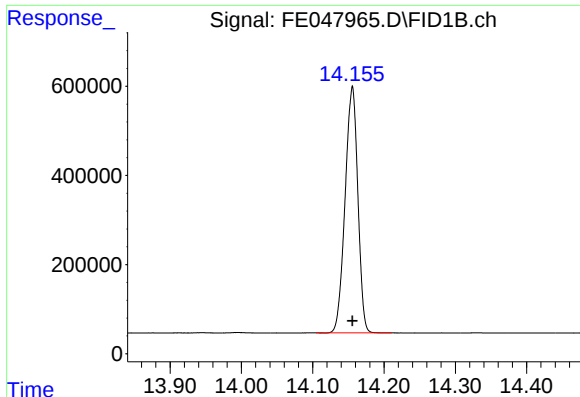
#11 n-Heneicosane (C21)

R.T.: 13.570 min
Delta R.T.: -0.002 min
Response: 6928672
Conc: 52.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.403 min
Delta R.T.: -0.002 min
Response: 5635261
Conc: 50.43 ug/ml m



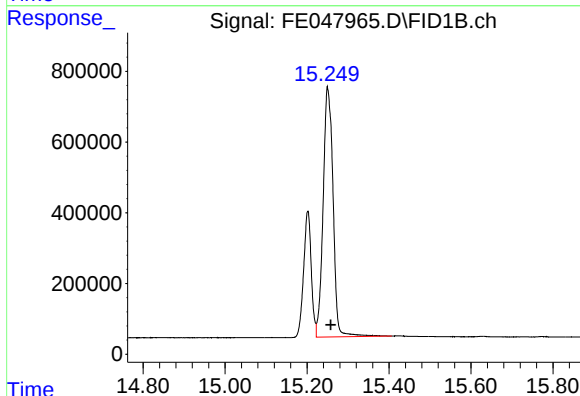
#13 n-Docosane (C22)

R.T.: 14.156 min
Delta R.T.: 0.000 min
Response: 6863347
Conc: 51.79 ug/ml

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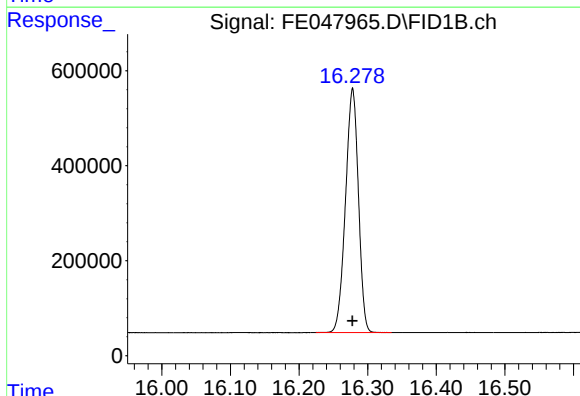
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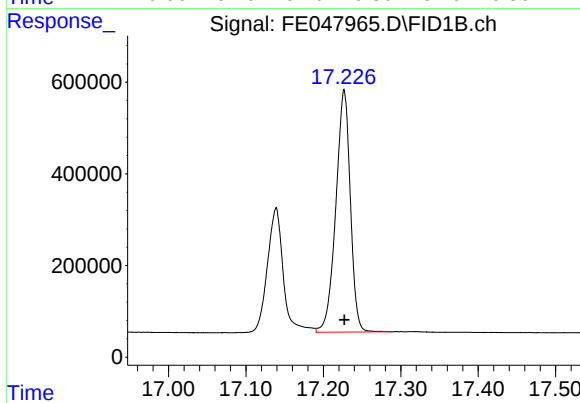
#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: -0.008 min
Response: 11885404
Conc: 89.26 ug/ml



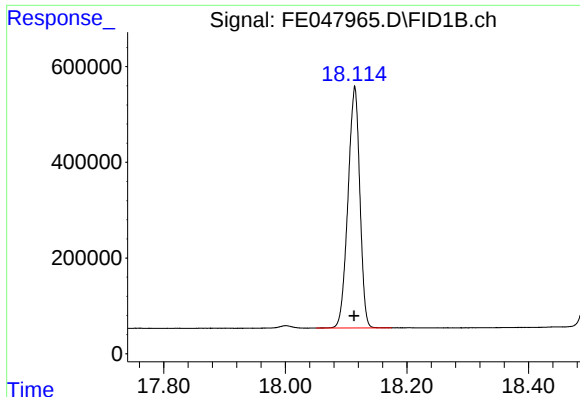
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: 0.000 min
Response: 6718755
Conc: 50.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.227 min
Delta R.T.: 0.000 min
Response: 6880230
Conc: 51.67 ug/ml



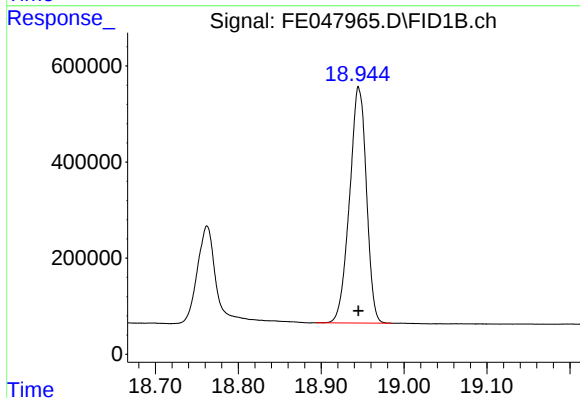
#17 n-Tricontane (C30)

R.T.: 18.114 min
Delta R.T.: 0.000 min
Response: 6827058
Conc: 49.47 ug/ml

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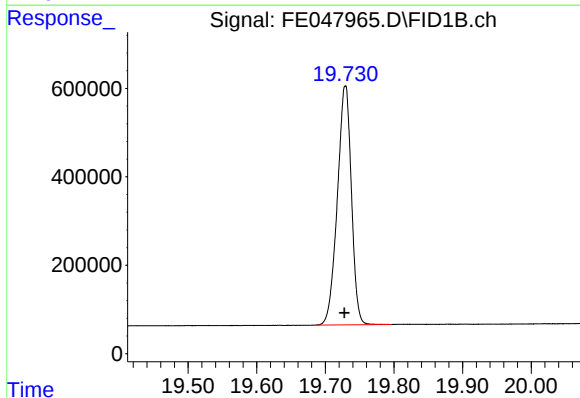
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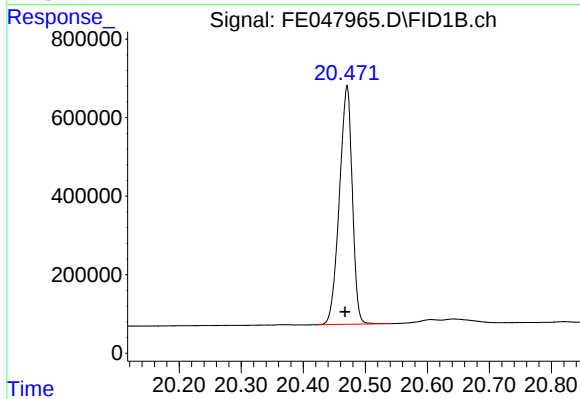
#18 n-Dotriacontane (C32)

R.T.: 18.944 min
Delta R.T.: 0.000 min
Response: 6953798
Conc: 50.34 ug/ml m



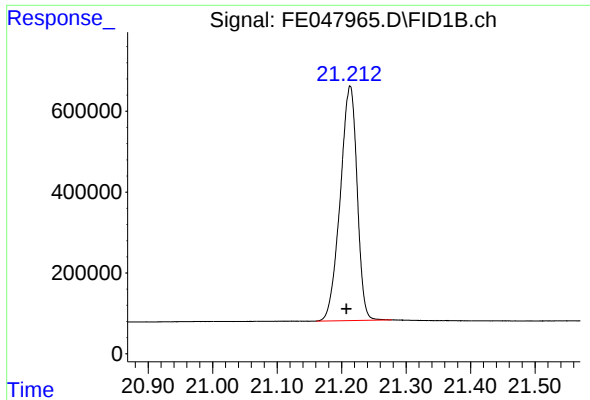
#19 n-Tetratriacontane (C34)

R.T.: 19.729 min
Delta R.T.: 0.001 min
Response: 7684508
Conc: 56.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.471 min
Delta R.T.: 0.003 min
Response: 8765928
Conc: 64.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: 0.006 min
Response: 10580288
Conc: 76.63 ug/ml

Instrument :

FID_E

ClientSampleId :

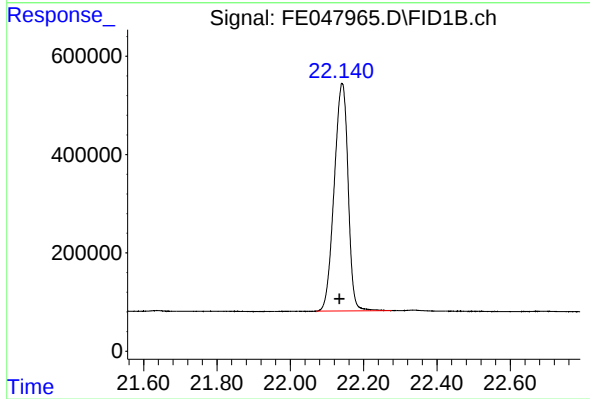
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#22 n-Tetracontane (C40)

R.T.: 22.141 min
Delta R.T.: 0.007 min
Response: 12176416
Conc: 87.40 ug/ml