

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060823AL\
 Data File : FE042503.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jun 2023 18:01
 Operator : YP\AJ
 Sample : 03071-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-1MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :Ankita Jodhani 06/09/2023

Integration File: autoint1.e

Quant Time: Jun 09 02:11:54 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M

Quant Title : GC Extractables

QLast Update : Thu May 18 06:27:12 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)	11.949	5441520	30.816 ug/ml
Spiked Amount 50.000		Recovery =	61.63%
12) S 1-chlorooctadecane (S...	13.384	4098822	30.846 ug/ml
Spiked Amount 50.000		Recovery =	61.69%
Target Compounds			
1) T n-Nonane (C9)	3.327	4180337	28.990 ug/ml
2) T n-Decane (C10)	4.579	4752083	32.101 ug/ml
3) T A~Naphthalene (C11.7)	6.287	5344146	32.754 ug/ml
4) T n-Dodecane (C12)	6.748	5224582	34.841 ug/ml
5) T A~2-methylnaphthalene...	7.385	5369363	33.833 ug/ml
6) T n-Tetradecane (C14)	8.579	5621834	37.527 ug/ml
7) T n-Hexadecane (C16)	10.185	6269964	40.251 ug/ml
8) T n-Octadecane (C18)	11.630	6413290	40.556 ug/ml
10) T n-Eicosane (C20)	12.940	6341989	41.839 ug/ml
11) T n-Heneicosane (C21)	13.552	6027621	40.685 ug/ml
13) T n-Docosane (C22)	14.138	5914731	40.347 ug/ml
14) T n-Tetracosane (C24)	15.234	11009834	76.269 ug/ml
15) T n-Hexacosane (C26)	16.265	5554938	40.108 ug/ml
16) T n-Octacosane (C28)	17.213	5431051	40.566 ug/ml
17) T n-Tricontane (C30)	18.103	5464902	40.483 ug/ml
18) T n-Dotriacontane (C32)	18.935	5408543	40.486 ug/ml
19) T n-Tetratriacontane (C34)	19.719	5435040	41.328 ug/ml
20) T n-Hexatriacontane (C36)	20.460	5361299	41.249 ug/ml
21) T n-Octatriacontane (C38)	21.210	5642900	41.592 ug/ml
22) T n-Tetracontane (C40)	22.143	5814545	41.796 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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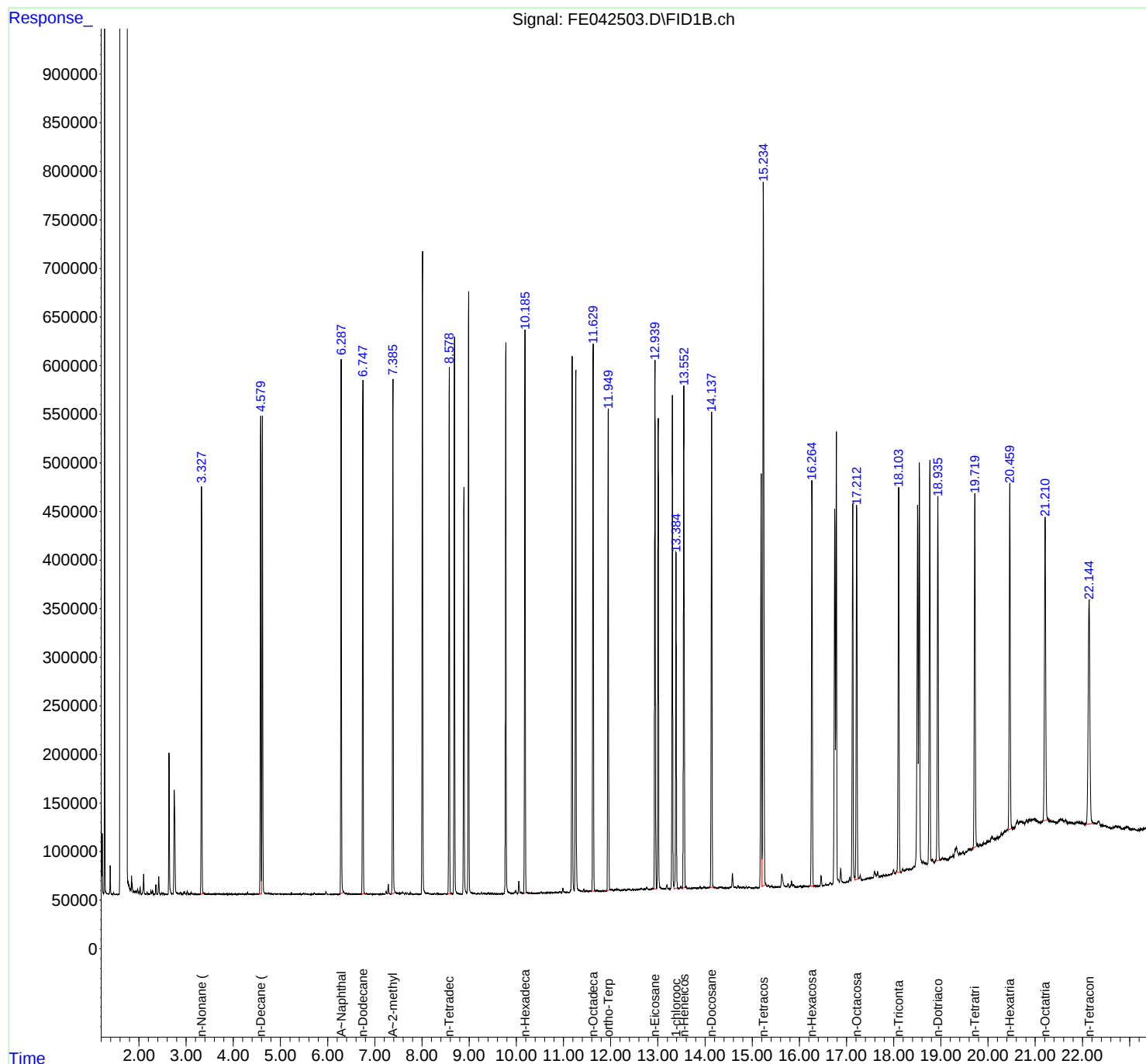
Instrument :
FID_E
ClientSampleId :
WC-1MS

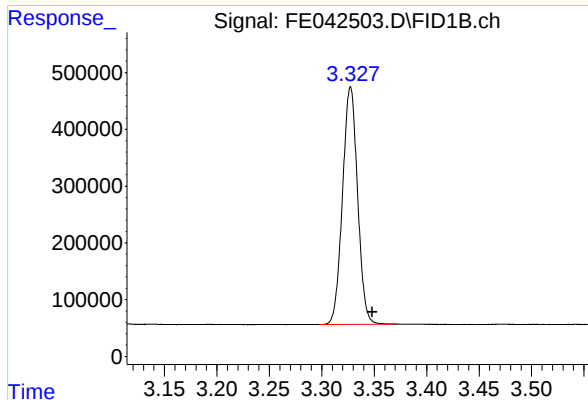
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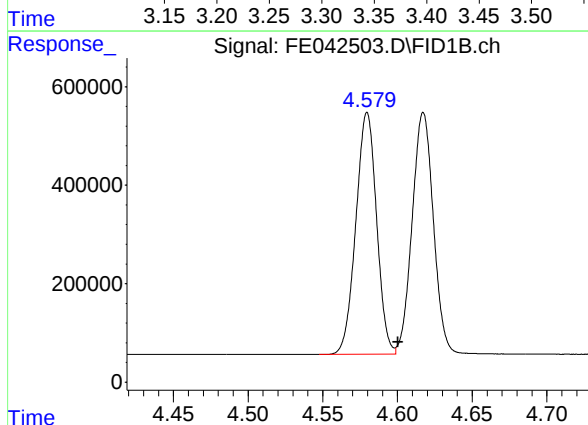
#1 n-Nonane (C9)

R.T.: 3.327 min
Delta R.T.: -0.021 min
Response: 4180337
Conc: 28.99 ug/ml

Instrument :
FID_E
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WC-1MS

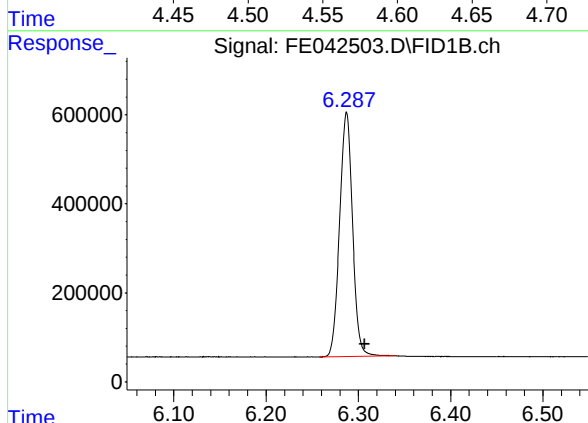
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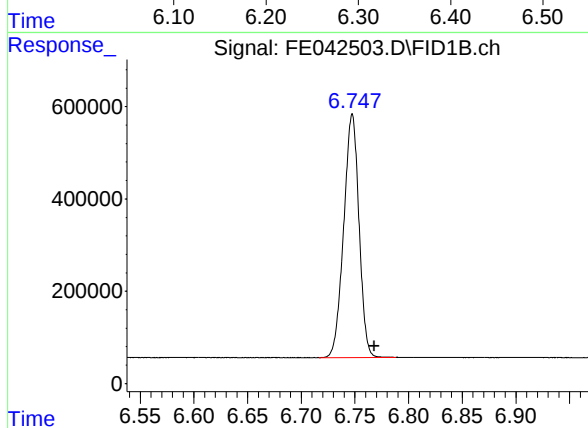
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: -0.021 min
Response: 4752083
Conc: 32.10 ug/ml



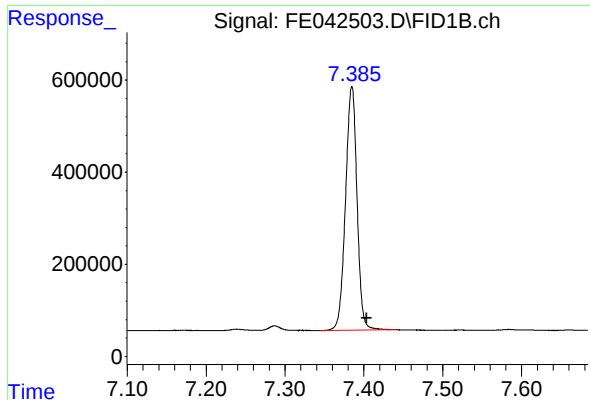
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: -0.019 min
Response: 5344146
Conc: 32.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.748 min
Delta R.T.: -0.021 min
Response: 5224582
Conc: 34.84 ug/ml



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

R.T.: 7.385 min
Delta R.T.: -0.019 min
Response: 5369363
Conc: 33.83 ug/ml

Instrument :

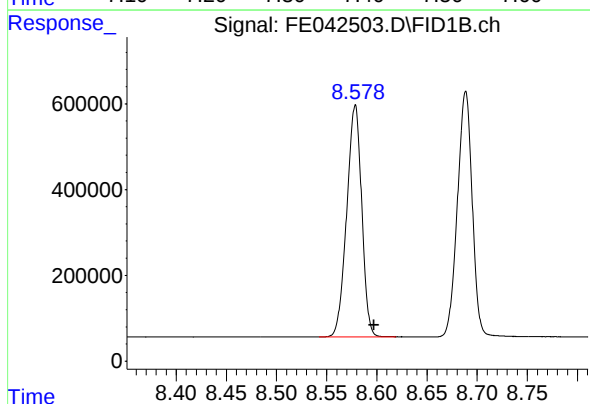
FID_E

ClientSampleId :

WC-1MS

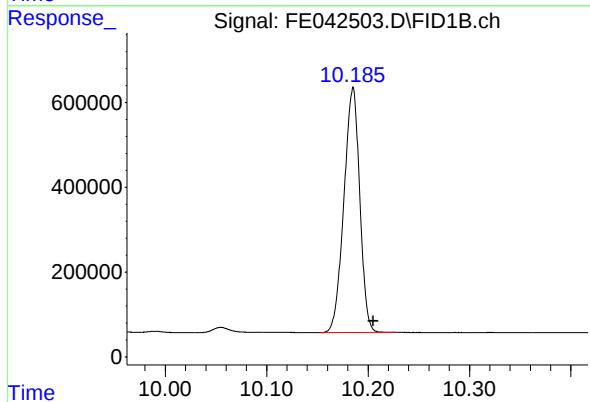
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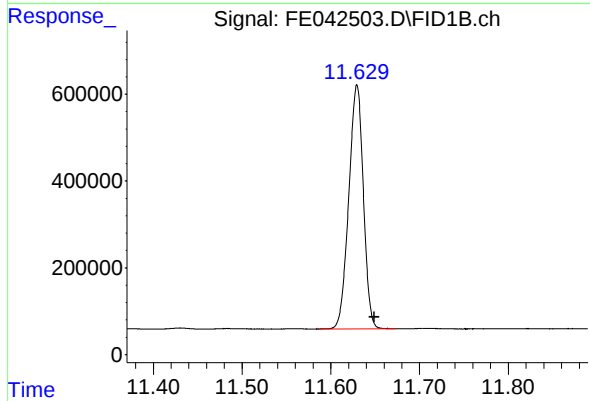
#6 n-Tetradecane (C14)

R.T.: 8.579 min
Delta R.T.: -0.019 min
Response: 5621834
Conc: 37.53 ug/ml



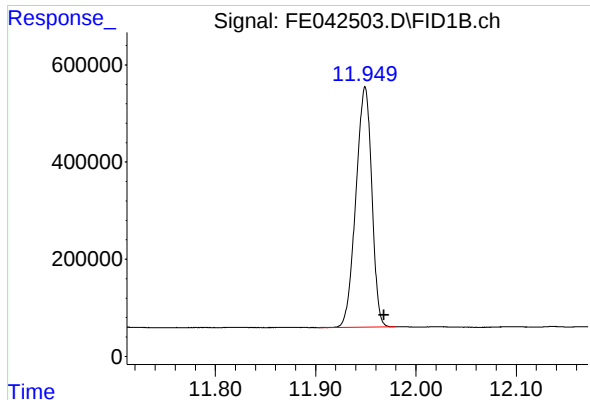
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: -0.020 min
Response: 6269964
Conc: 40.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.630 min
Delta R.T.: -0.020 min
Response: 6413290
Conc: 40.56 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.949 min
Delta R.T.: -0.019 min
Response: 5441520
Conc: 30.82 ug/ml

Instrument :

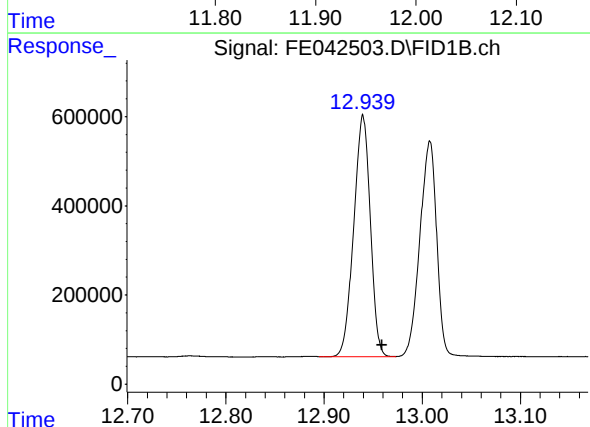
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ClientSampleId :

WC-1MS

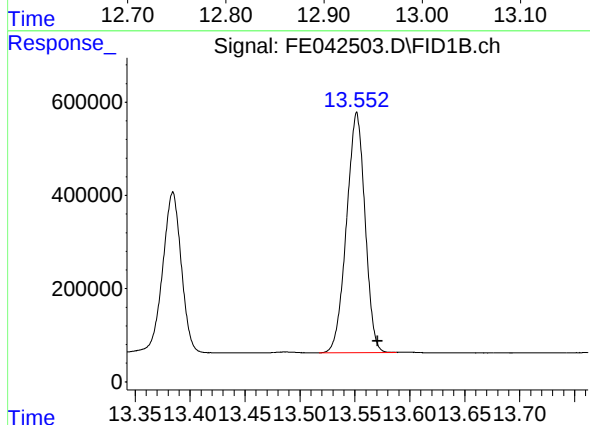
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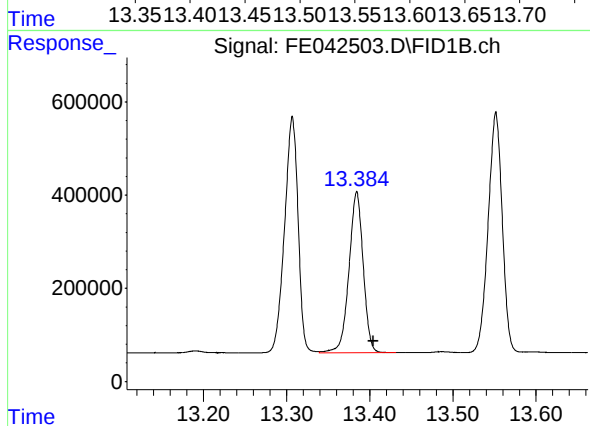
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: -0.019 min
Response: 6341989
Conc: 41.84 ug/ml



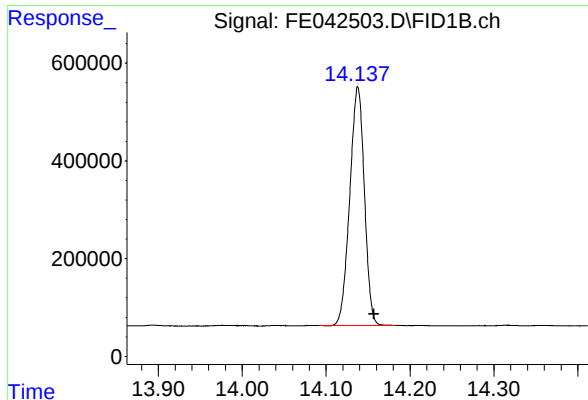
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: -0.019 min
Response: 6027621
Conc: 40.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.384 min
Delta R.T.: -0.020 min
Response: 4098822
Conc: 30.85 ug/ml



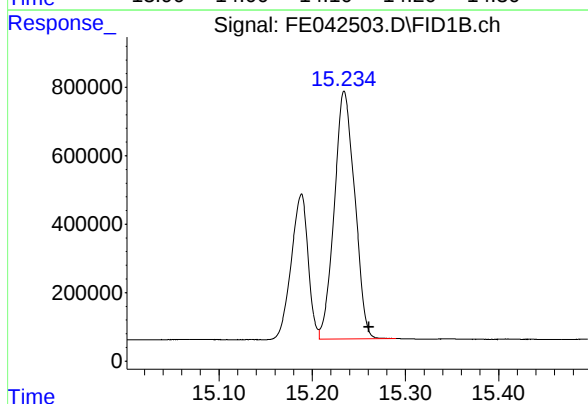
#13 n-Docosane (C22)

R.T.: 14.138 min
Delta R.T.: -0.019 min
Response: 5914731
Conc: 40.35 ug/ml

Instrument :
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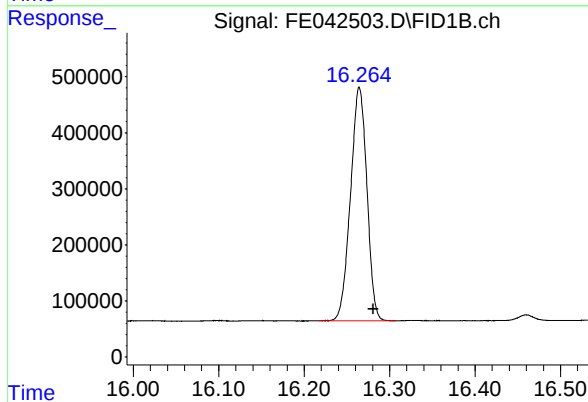
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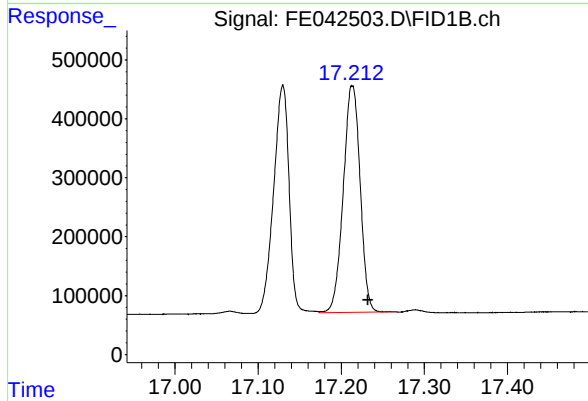
#14 n-Tetracosane (C24)

R.T.: 15.234 min
Delta R.T.: -0.027 min
Response: 11009834
Conc: 76.27 ug/ml



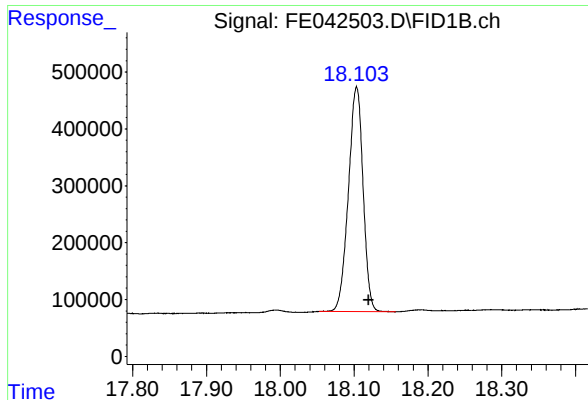
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: -0.016 min
Response: 5554938
Conc: 40.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.213 min
Delta R.T.: -0.019 min
Response: 5431051
Conc: 40.57 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.103 min
Delta R.T.: -0.016 min
Response: 5464902
Conc: 40.48 ug/ml

Instrument :

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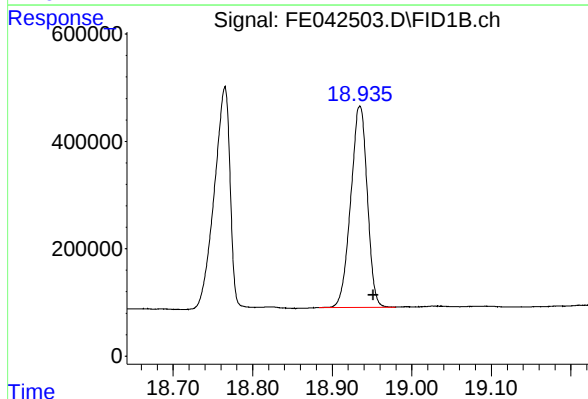
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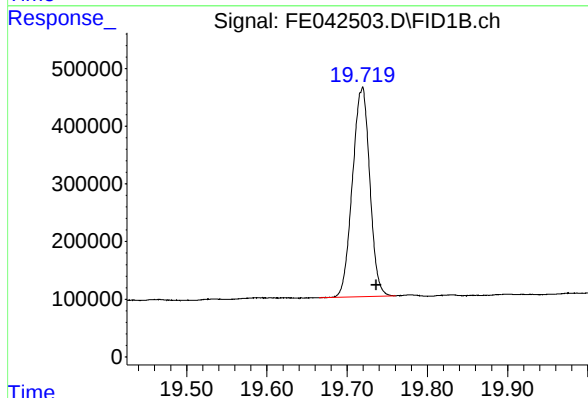
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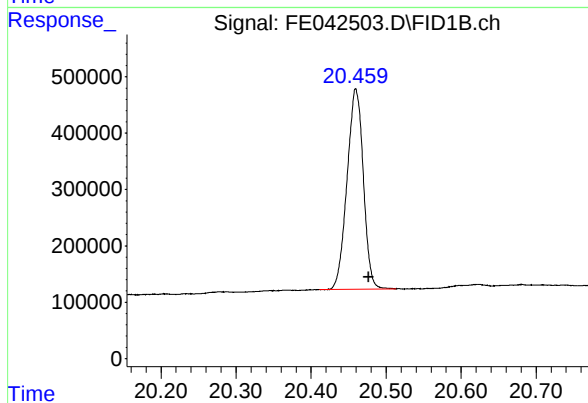
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: -0.017 min
Response: 5408543
Conc: 40.49 ug/ml



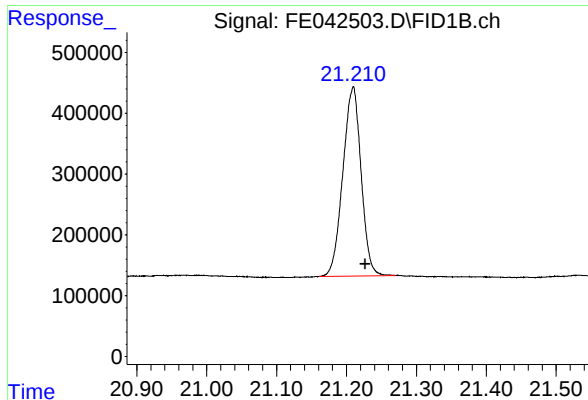
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: -0.018 min
Response: 5435040
Conc: 41.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.460 min
Delta R.T.: -0.017 min
Response: 5361299
Conc: 41.25 ug/ml



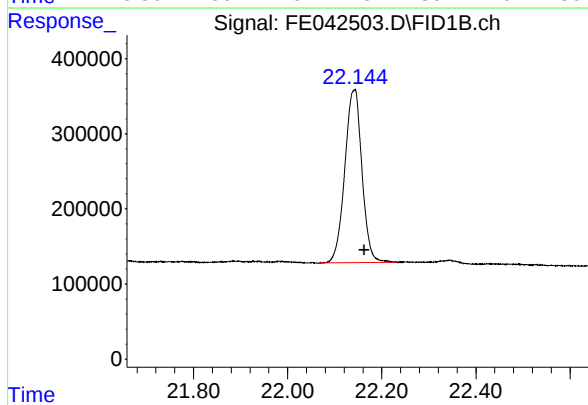
#21 n-Octatriacontane (C38)

R.T.: 21.210 min
Delta R.T.: -0.017 min
Response: 5642900
Conc: 41.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.143 min
Delta R.T.: -0.020 min
Response: 5814545
Conc: 41.80 ug/ml