

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110123AL\
 Data File : FE045138.D
 Signal(s) : FID1B.ch
 Acq On : 01 Nov 2023 15:51
 Operator : YP\AJ
 Sample : PB156827BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB156827BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/06/2023

Integration File: autoint1.e
 Quant Time: Nov 01 23:51:58 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)	11.895	6884828	34.344 ug/ml
Spiked Amount 50.000		Recovery =	68.69%
12) S 1-chlorooctadecane (S...	13.338	5287496	35.730 ug/ml
Spiked Amount 50.000		Recovery =	71.46%
Target Compounds			
1) T n-Nonane (C9)	3.290	6770647	40.361 ug/ml
2) T n-Decane (C10)	4.537	7469397	43.847 ug/ml
3) T A~Naphthalene (C11.7)	6.233	8201254	44.303 ug/ml
4) T n-Dodecane (C12)	6.697	7911287	45.831 ug/ml
5) T A~2-methylnaphthalene...	7.328	7952664	44.086 ug/ml
6) T n-Tetradecane (C14)	8.526	7880667	45.957 ug/ml
7) T n-Hexadecane (C16)	10.135	7796035	44.582 ug/ml
8) T n-Octadecane (C18)	11.581	7696139	44.125 ug/ml
10) T n-Eicosane (C20)	12.893	7550841	45.207 ug/ml
11) T n-Heneicosane (C21)	13.507	7154157	43.887 ug/ml
13) T n-Docosane (C22)	14.094	7062432	44.153 ug/ml
14) T n-Tetracosane (C24)	15.184	14057968	90.582 ug/ml
15) T n-Hexacosane (C26)	16.226	6785998	45.199 ug/ml
16) T n-Octacosane (C28)	17.175	6898376	46.978 ug/ml
17) T n-Tricontane (C30)	18.067	6896300	46.368 ug/ml
18) T n-Dotriacontane (C32)	18.900	7017798	46.756 ug/ml
19) T n-Tetratriacontane (C34)	19.687	7076057	47.534 ug/mlm
20) T n-Hexatriacontane (C36)	20.428	7068921	45.980 ug/mlm
21) T n-Octatriacontane (C38)	21.170	7350661	47.056 ug/ml
22) T n-Tetracontane (C40)	22.087	7438477	44.509 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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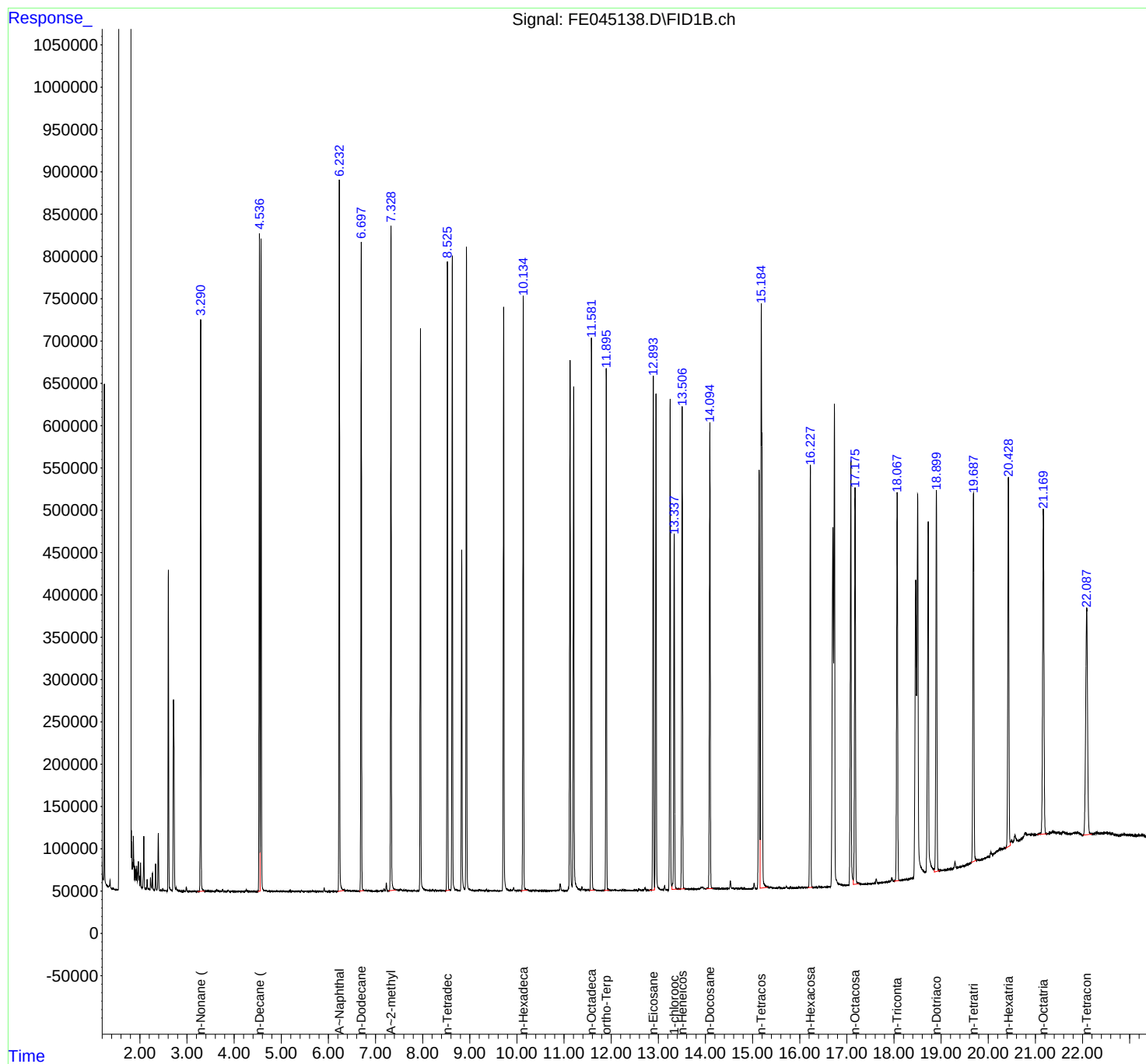
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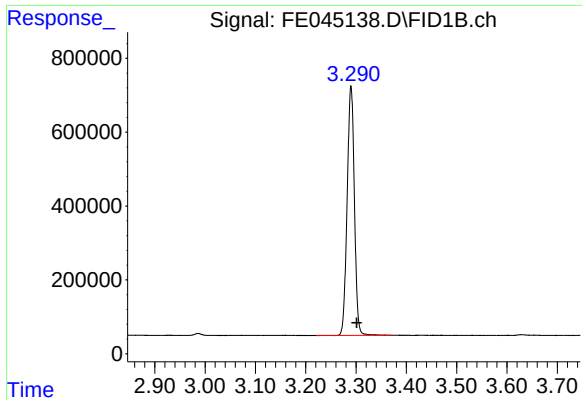
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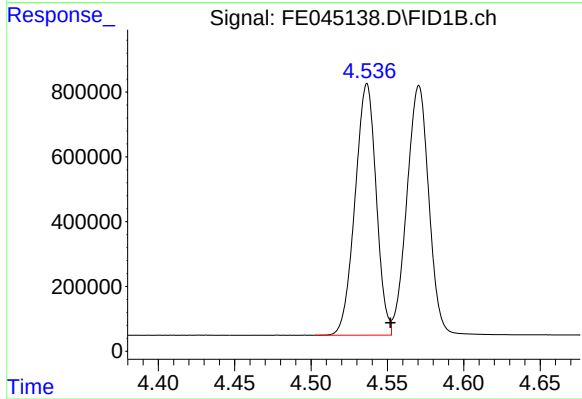
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.011 min
Response: 6770647
Conc: 40.36 ug/ml

Instrument :
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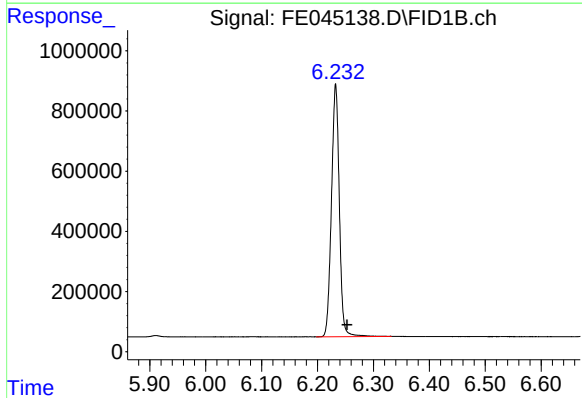
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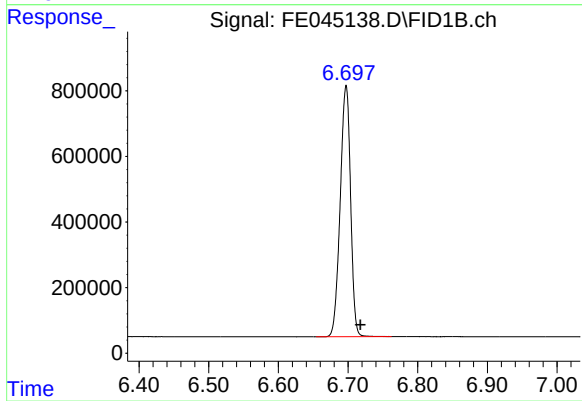
#2 n-Decane (C10)

R.T.: 4.537 min
Delta R.T.: -0.015 min
Response: 7469397
Conc: 43.85 ug/ml



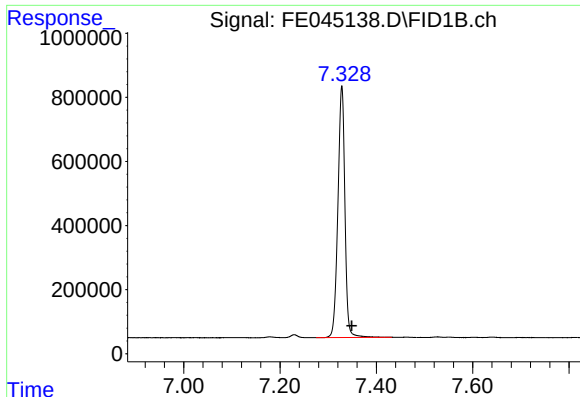
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.021 min
Response: 8201254
Conc: 44.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.697 min
Delta R.T.: -0.020 min
Response: 7911287
Conc: 45.83 ug/ml



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

R.T.: 7.328 min
Delta R.T.: -0.021 min
Response: 7952664
Conc: 44.09 ug/ml

Instrument :

FID_E

ClientSampleId :

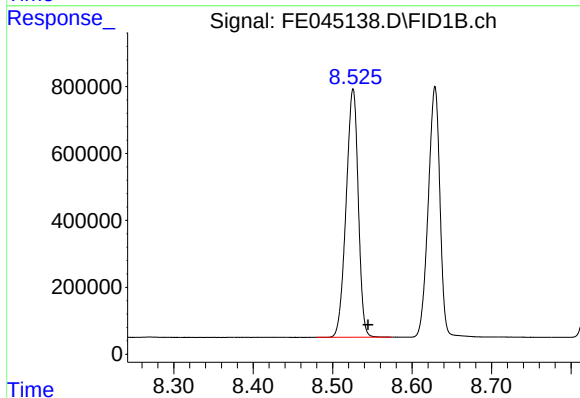
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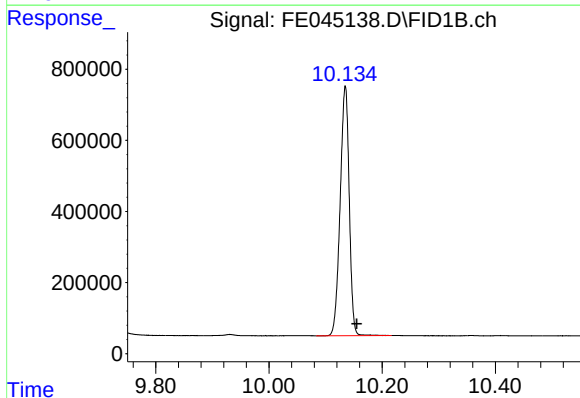
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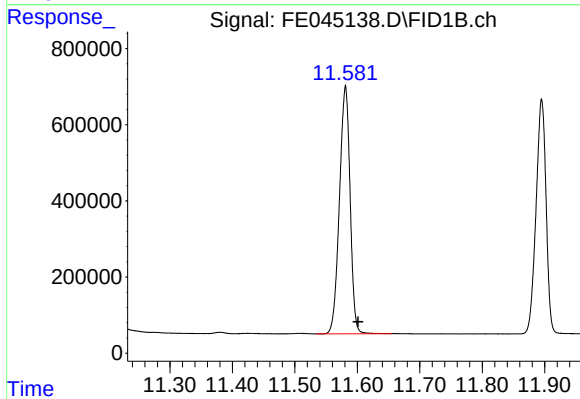
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.019 min
Response: 7880667
Conc: 45.96 ug/ml



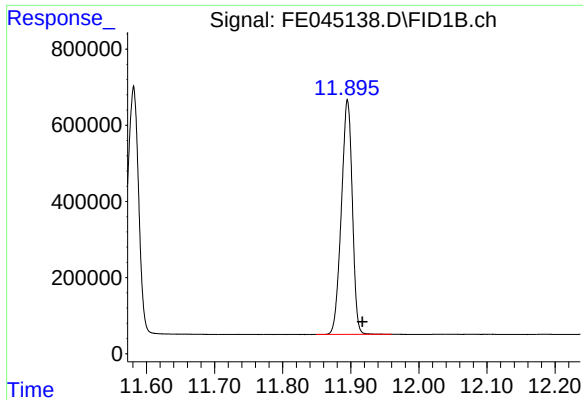
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.020 min
Response: 7796035
Conc: 44.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.581 min
Delta R.T.: -0.020 min
Response: 7696139
Conc: 44.13 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.895 min
Delta R.T.: -0.022 min
Response: 6884828
Conc: 34.34 ug/ml

Instrument :

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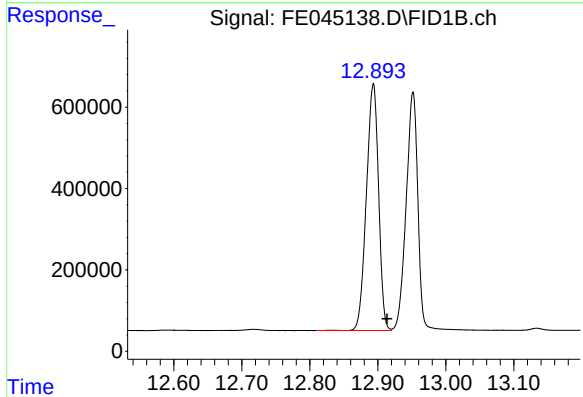
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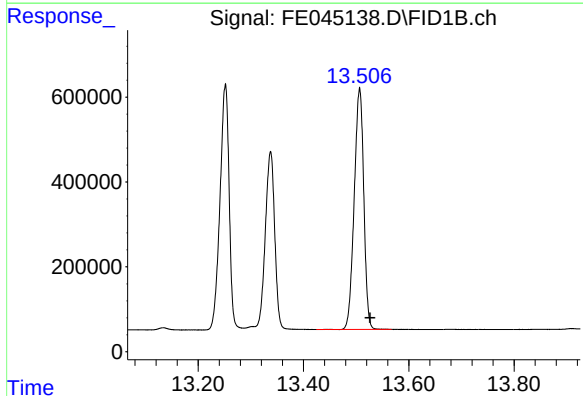
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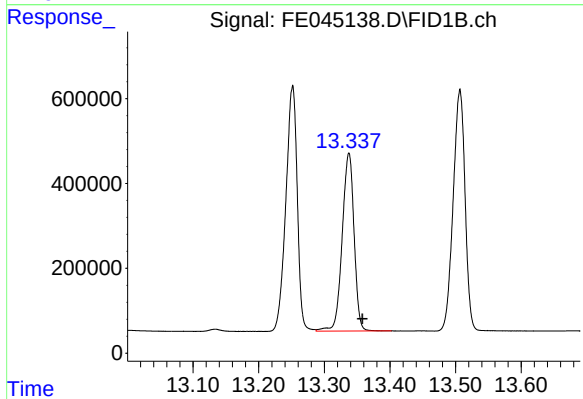
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: -0.020 min
Response: 7550841
Conc: 45.21 ug/ml



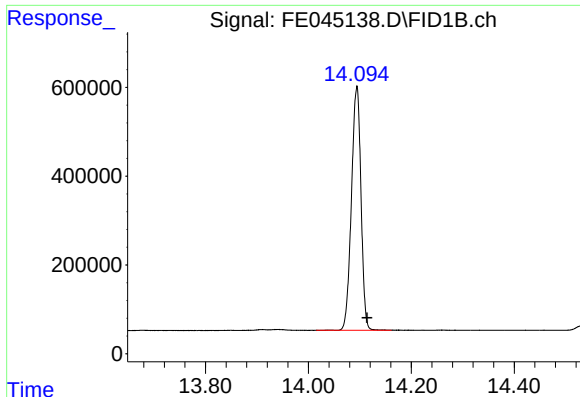
#11 n-Heneicosane (C21)

R.T.: 13.507 min
Delta R.T.: -0.020 min
Response: 7154157
Conc: 43.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.338 min
Delta R.T.: -0.021 min
Response: 5287496
Conc: 35.73 ug/ml



#13 n-Docosane (C22)

R.T.: 14.094 min
Delta R.T.: -0.020 min
Response: 7062432
Conc: 44.15 ug/ml

Instrument :

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ClientSampleId :

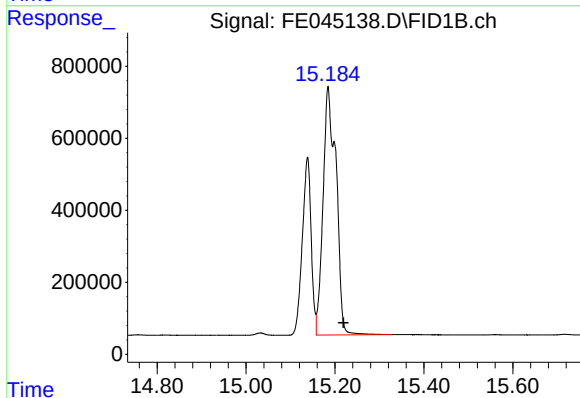
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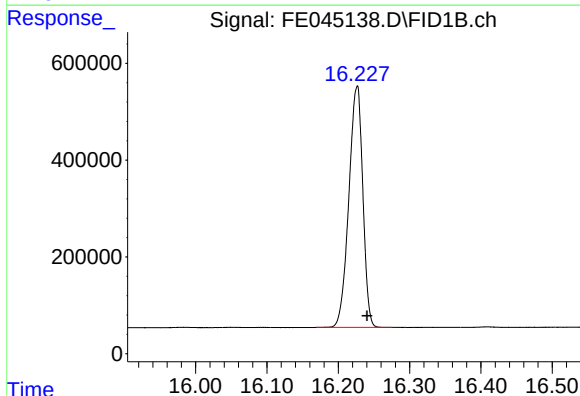
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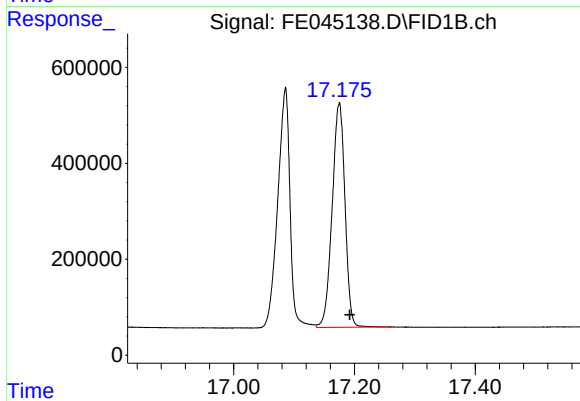
#14 n-Tetracosane (C24)

R.T.: 15.184 min
Delta R.T.: -0.034 min
Response: 14057968
Conc: 90.58 ug/ml



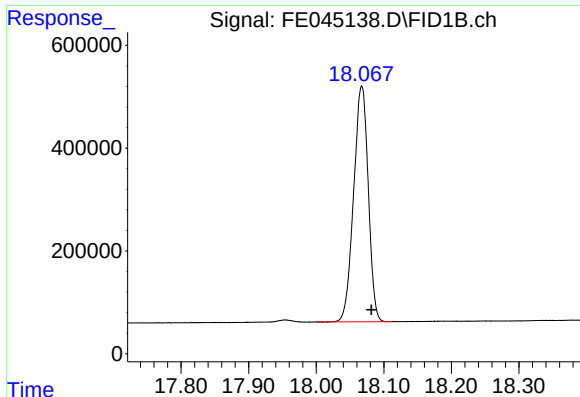
#15 n-Hexacosane (C26)

R.T.: 16.226 min
Delta R.T.: -0.014 min
Response: 6785998
Conc: 45.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.175 min
Delta R.T.: -0.018 min
Response: 6898376
Conc: 46.98 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.067 min
Delta R.T.: -0.014 min
Response: 6896300
Conc: 46.37 ug/ml

Instrument :

FID_E

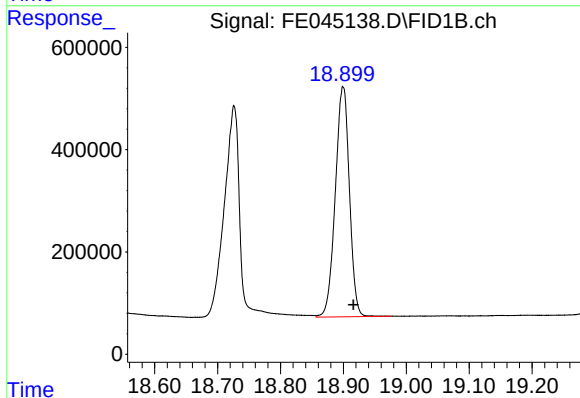
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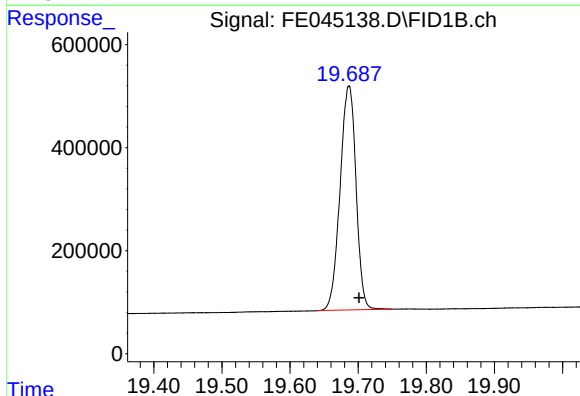
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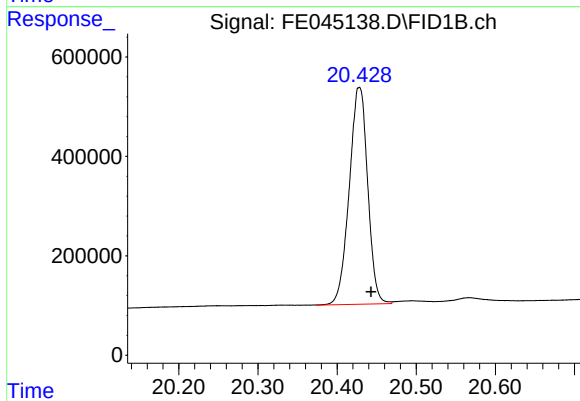
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: -0.017 min
Response: 7017798
Conc: 46.76 ug/ml



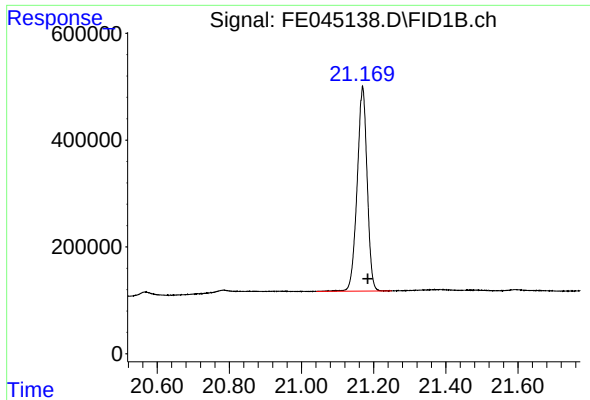
#19 n-Tetratriacontane (C34)

R.T.: 19.687 min
Delta R.T.: -0.014 min
Response: 7076057
Conc: 47.53 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.428 min
Delta R.T.: -0.014 min
Response: 7068921
Conc: 45.98 ug/ml m



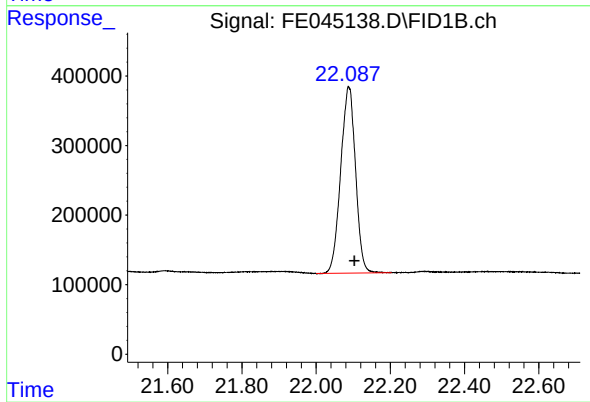
#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: -0.014 min
Response: 7350661
Conc: 47.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.087 min
Delta R.T.: -0.016 min
Response: 7438477
Conc: 44.51 ug/ml