

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060823AL\
 Data File : FE042504.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jun 2023 18:31
 Operator : YP\AJ
 Sample : 03071-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-1MSD

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 02:12:02 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	5457758	30.908 ug/ml
Spiked Amount 50.000		Recovery =	61.82%
12) S 1-chlorooctadecane (S...	13.385	4104795	30.891 ug/ml
Spiked Amount 50.000		Recovery =	61.78%
Target Compounds			
1) T n-Nonane (C9)	3.328	4226852	29.313 ug/ml
2) T n-Decane (C10)	4.580	4796323	32.400 ug/mlm
3) T A~Naphthalene (C11.7)	6.287	5379891	32.973 ug/ml
4) T n-Dodecane (C12)	6.748	5272263	35.159 ug/ml
5) T A~2-methylnaphthalene...	7.385	5404070	34.052 ug/ml
6) T n-Tetradecane (C14)	8.578	5658929	37.775 ug/ml
7) T n-Hexadecane (C16)	10.186	6300063	40.445 ug/ml
8) T n-Octadecane (C18)	11.630	6430047	40.662 ug/ml
10) T n-Eicosane (C20)	12.940	6336885	41.805 ug/ml
11) T n-Heneicosane (C21)	13.552	6028307	40.690 ug/ml
13) T n-Docosane (C22)	14.138	5933067	40.472 ug/ml
14) T n-Tetracosane (C24)	15.234	11125540	77.070 ug/ml
15) T n-Hexacosane (C26)	16.265	5592957	40.383 ug/ml
16) T n-Octacosane (C28)	17.212	5431629	40.570 ug/ml
17) T n-Tricontane (C30)	18.103	5554943	41.150 ug/ml
18) T n-Dotriacontane (C32)	18.936	5551534	41.556 ug/ml
19) T n-Tetratriacontane (C34)	19.720	5563544	42.305 ug/ml
20) T n-Hexatriacontane (C36)	20.461	5494197	42.272 ug/ml
21) T n-Octatriacontane (C38)	21.209	5741984	42.322 ug/ml
22) T n-Tetracontane (C40)	22.142	5923503	42.579 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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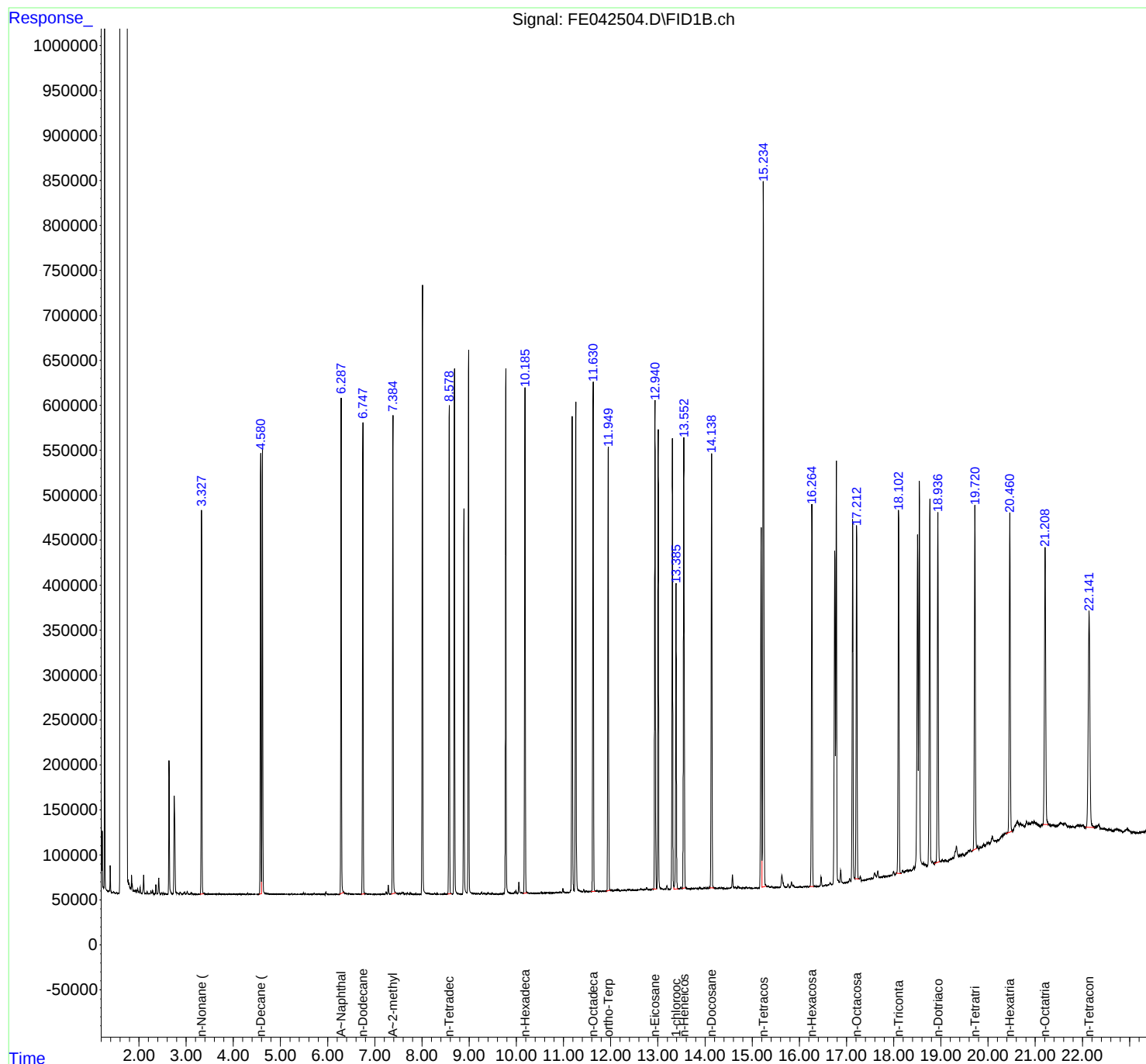
Instrument :
FID_E
ClientSampleId :
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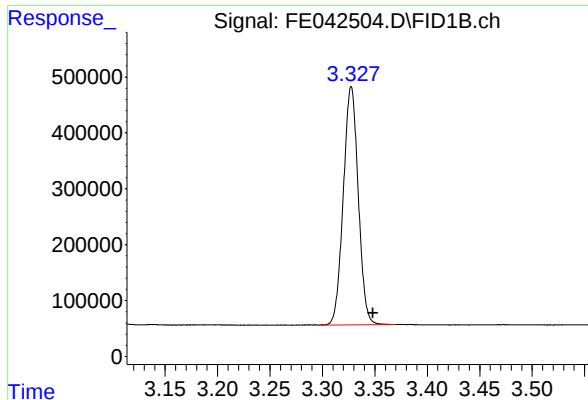
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Quant Title : GC Extractables
QLast Update : Thu May 18 06:27:12 2023
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





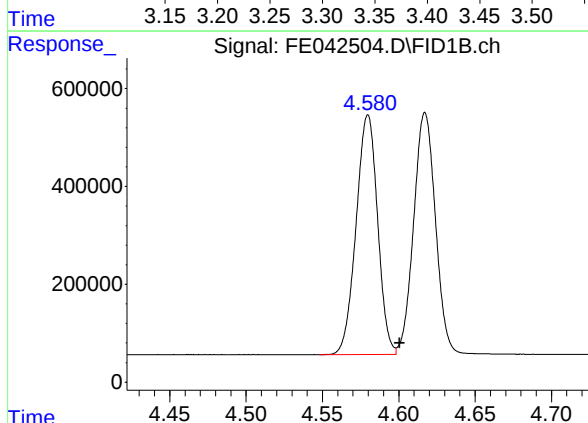
#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: -0.020 min
Response: 4226852
Conc: 29.31 ug/ml

Instrument :
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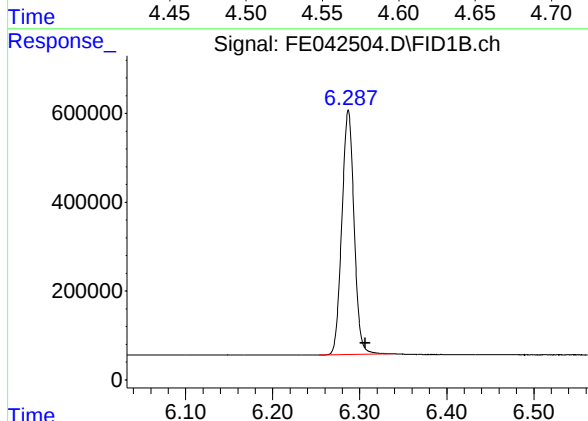
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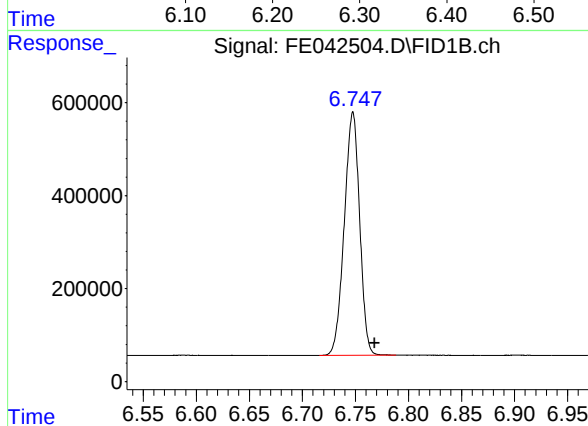
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: -0.021 min
Response: 4796323
Conc: 32.40 ug/ml m



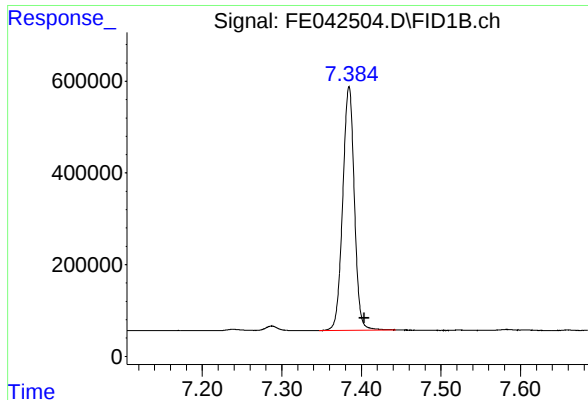
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: -0.020 min
Response: 5379891
Conc: 32.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.748 min
Delta R.T.: -0.021 min
Response: 5272263
Conc: 35.16 ug/ml



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

R.T.: 7.385 min
Delta R.T.: -0.019 min
Response: 5404070
Conc: 34.05 ug/ml

Instrument :

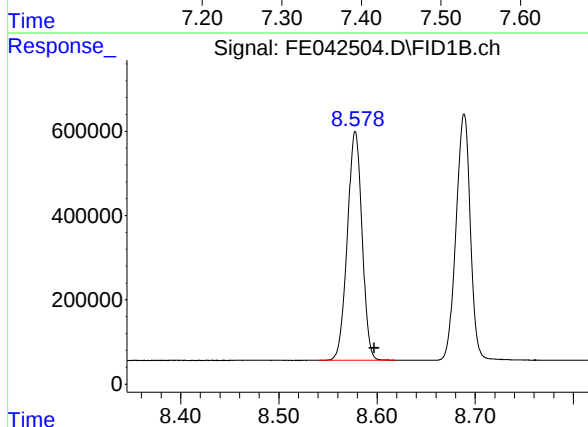
FID_E

ClientSampleId :

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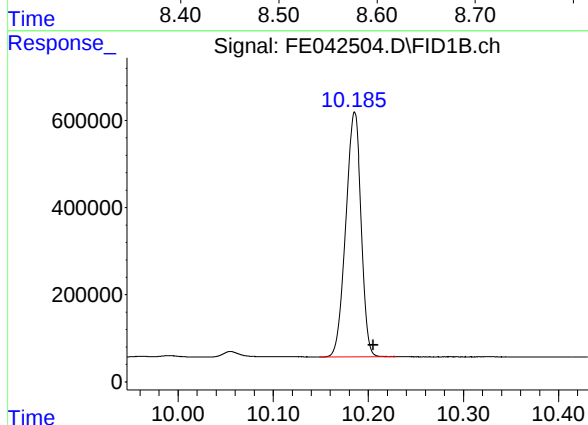
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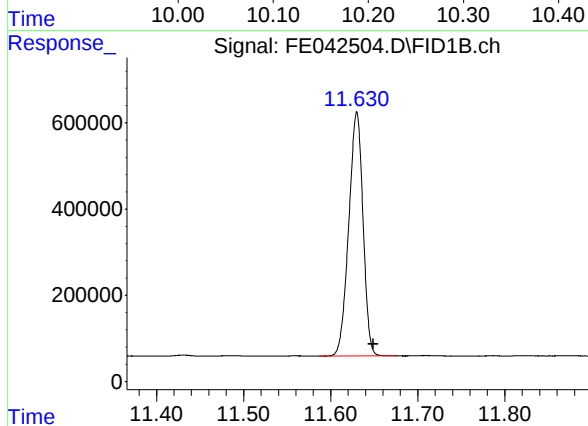
#6 n-Tetradecane (C14)

R.T.: 8.578 min
Delta R.T.: -0.019 min
Response: 5658929
Conc: 37.77 ug/ml



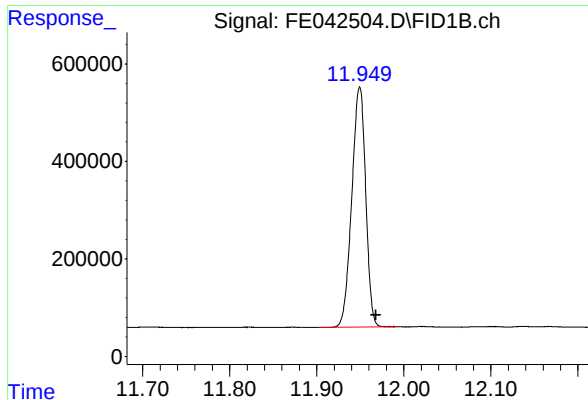
#7 n-Hexadecane (C16)

R.T.: 10.186 min
Delta R.T.: -0.020 min
Response: 6300063
Conc: 40.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.630 min
Delta R.T.: -0.019 min
Response: 6430047
Conc: 40.66 ug/ml



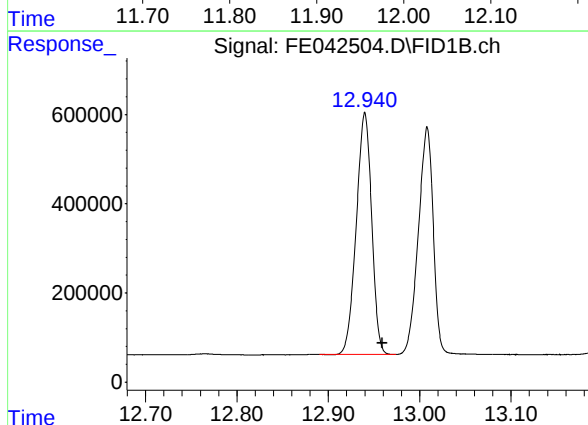
#9 ortho-Terphenyl (SURR)

R.T.: 11.949 min
Delta R.T.: -0.019 min
Response: 5457758
Conc: 30.91 ug/ml

Instrument :
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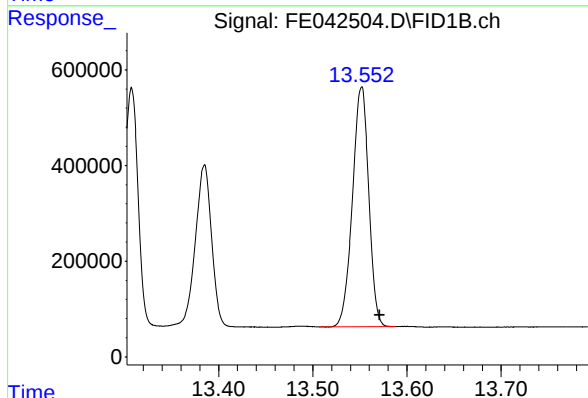
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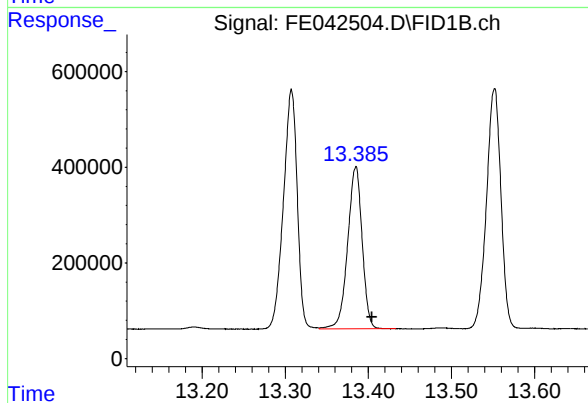
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: -0.019 min
Response: 6336885
Conc: 41.80 ug/ml



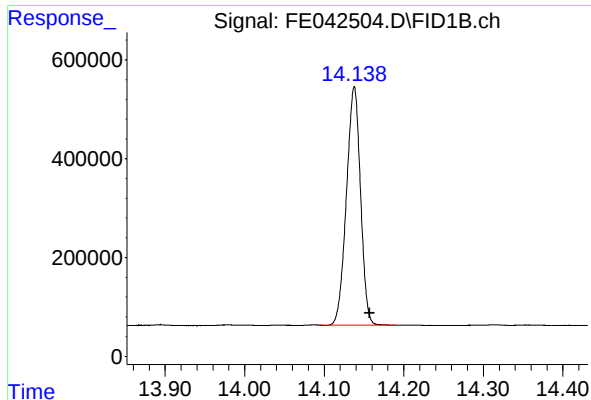
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: -0.019 min
Response: 6028307
Conc: 40.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.385 min
Delta R.T.: -0.019 min
Response: 4104795
Conc: 30.89 ug/ml



#13 n-Docosane (C22)

R.T.: 14.138 min
Delta R.T.: -0.019 min
Response: 5933067
Conc: 40.47 ug/ml

Instrument :

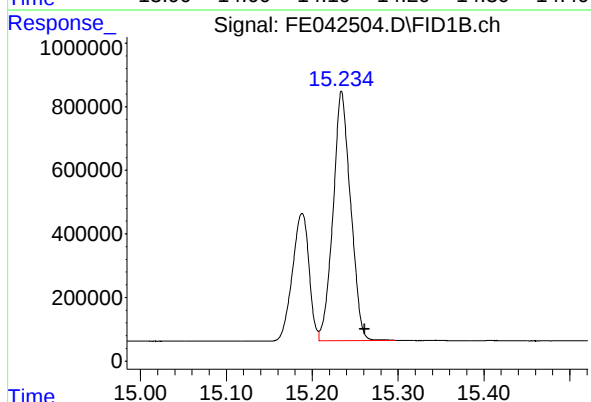
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ClientSampleId :

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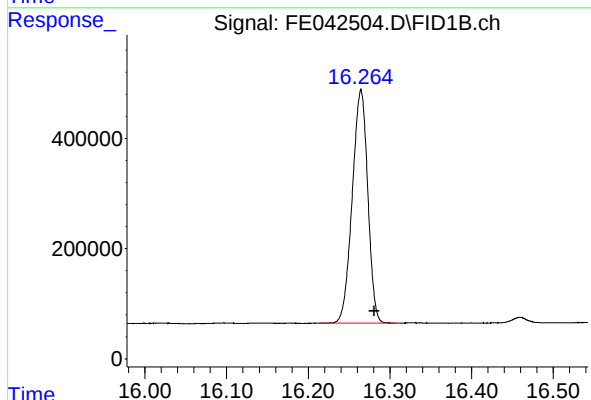
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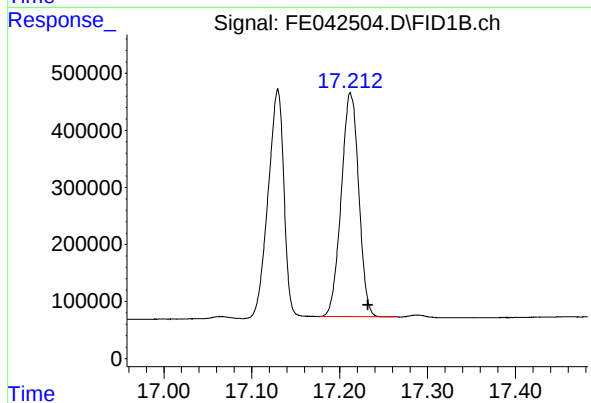
#14 n-Tetracosane (C24)

R.T.: 15.234 min
Delta R.T.: -0.027 min
Response: 11125540
Conc: 77.07 ug/ml



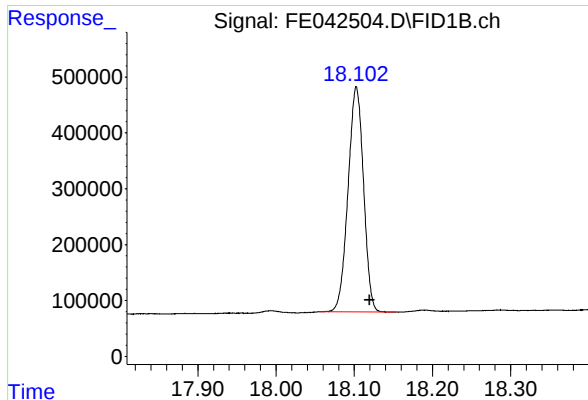
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: -0.016 min
Response: 5592957
Conc: 40.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.212 min
Delta R.T.: -0.020 min
Response: 5431629
Conc: 40.57 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.103 min
Delta R.T.: -0.017 min
Response: 5554943
Conc: 41.15 ug/ml

Instrument :

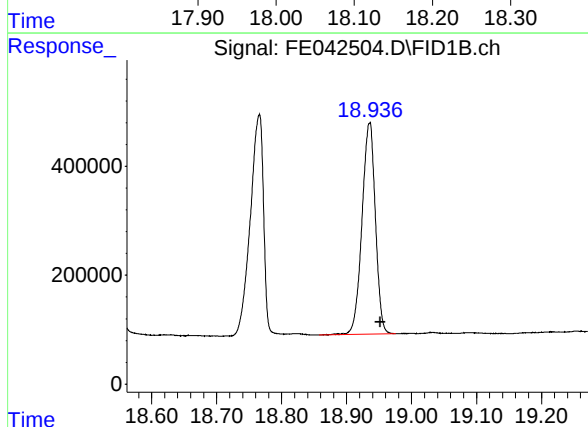
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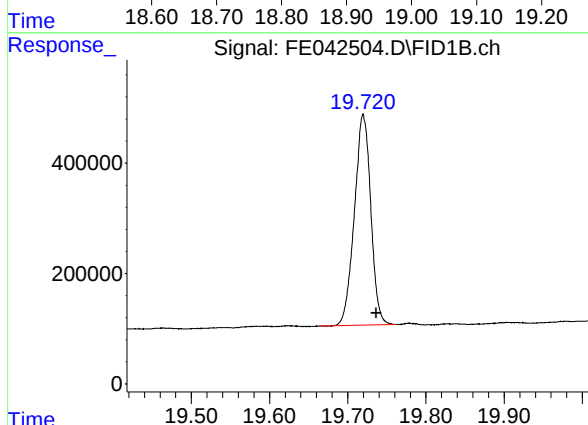
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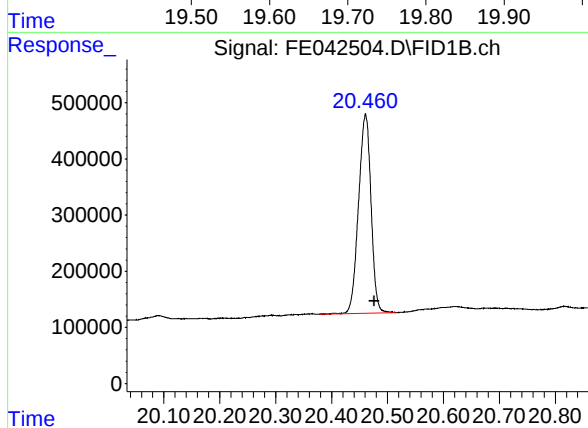
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: -0.016 min
Response: 5551534
Conc: 41.56 ug/ml



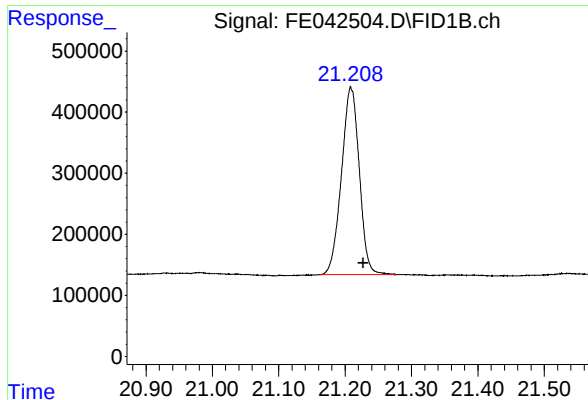
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: -0.017 min
Response: 5563544
Conc: 42.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.461 min
Delta R.T.: -0.016 min
Response: 5494197
Conc: 42.27 ug/ml



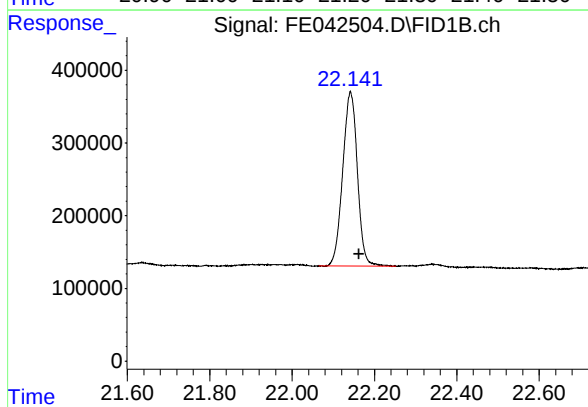
#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: -0.019 min
Response: 5741984
Conc: 42.32 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: -0.021 min
Response: 5923503
Conc: 42.58 ug/ml