

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
 Data File : FE057264.D
 Signal(s) : FID1B.ch
 Acq On : 10 Dec 2025 00:59
 Operator : YP\AJ
 Sample : PB170876BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170876BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/10/2025
 Supervised By :Yogesh Patel 12/10/2025

Integration File: autoint1.e
 Quant Time: Dec 10 05:29:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 2025
 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)	11.933	7306976	33.298 ug/ml
Spiked Amount 50.000		Recovery =	66.60%
12) S 1-chlorooctadecane (S...	13.368	5155038	30.975 ug/ml
Spiked Amount 50.000		Recovery =	61.95%
Target Compounds			
1) T n-Nonane (C9)	3.297	5192451	26.545 ug/ml
2) T n-Decane (C10)	4.547	5482348	27.106 ug/ml
3) T A~Naphthalene (C11.7)	6.261	7252903	36.025 ug/ml
4) T n-Dodecane (C12)	6.716	6116792	29.970 ug/ml
5) T A~2-methylnaphthalene...	7.360	6601602	34.356 ug/ml
6) T n-Tetradecane (C14)	8.550	6266065	31.131 ug/ml
7) T n-Hexadecane (C16)	10.161	6154898	30.013 ug/ml
8) T n-Octadecane (C18)	11.608	6110994	29.649 ug/ml
10) T n-Eicosane (C20)	12.921	6047974	30.746 ug/ml
11) T n-Heneicosane (C21)	13.534	5934908	30.891 ug/ml
13) T n-Docosane (C22)	14.122	5833730	30.220 ug/ml
14) T n-Tetracosane (C24)	15.231	13435628	67.837 ug/ml
15) T n-Hexacosane (C26)	16.253	5664866	28.554 ug/ml
16) T n-Octacosane (C28)	17.204	7611005	37.037 ug/mlm
17) T n-Tricontane (C30)	18.096	5742180	25.586 ug/ml
18) T n-Dotriacontane (C32)	18.929	5576560	23.889 ug/ml
19) T n-Tetratriacontane (C34)	19.714	5598649	26.213 ug/ml
20) T n-Hexatriacontane (C36)	20.456	5333404	28.654 ug/ml
21) T n-Octatriacontane (C38)	21.201	5376941	31.026 ug/ml
22) T n-Tetracontane (C40)	22.129	5491946	32.590 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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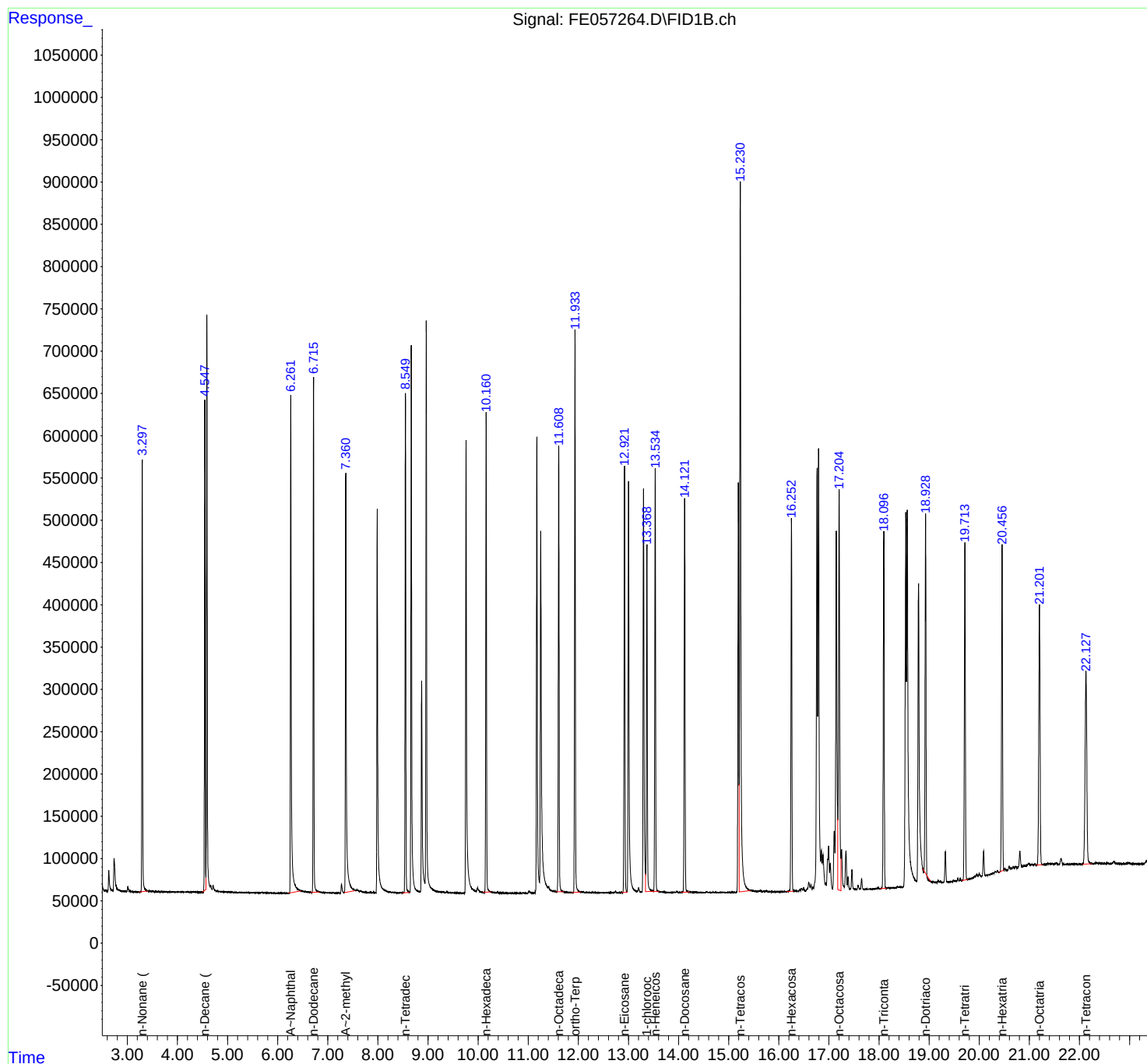
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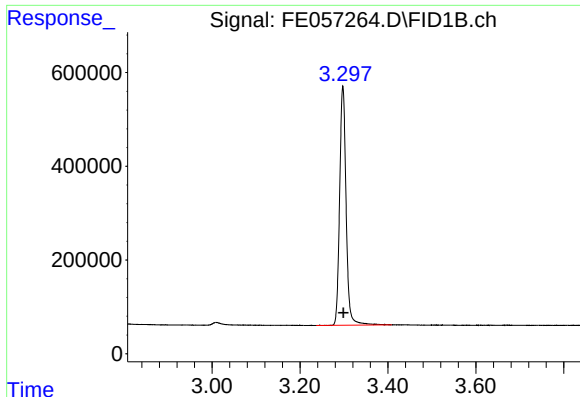
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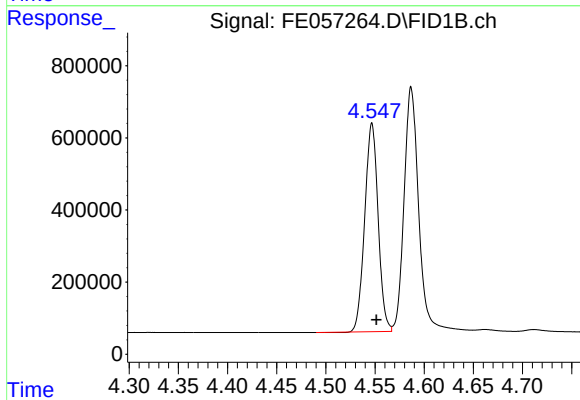
#1 n-Nonane (C9)

R.T.: 3.297 min
Delta R.T.: -0.002 min
Response: 5192451
Conc: 26.54 ug/ml

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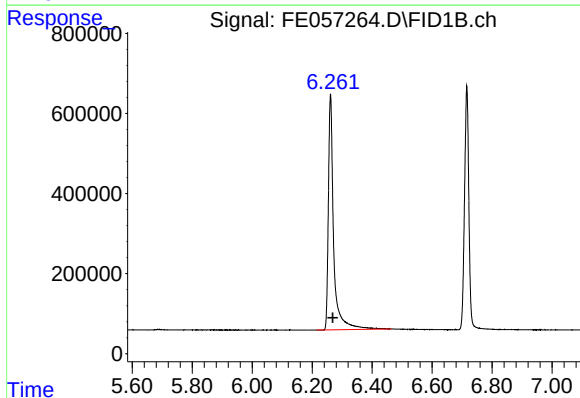
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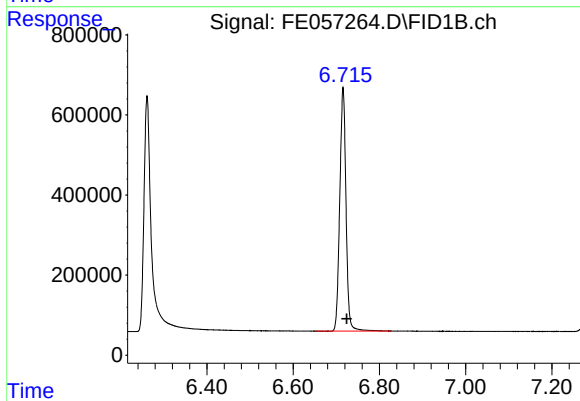
#2 n-Decane (C10)

R.T.: 4.547 min
Delta R.T.: -0.005 min
Response: 5482348
Conc: 27.11 ug/ml



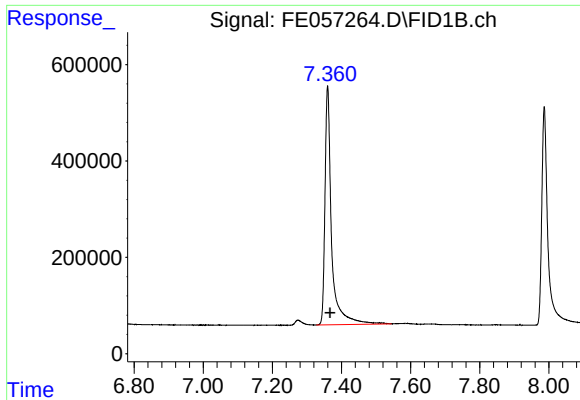
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.007 min
Response: 7252903
Conc: 36.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.716 min
Delta R.T.: -0.008 min
Response: 6116792
Conc: 29.97 ug/ml



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

R.T.: 7.360 min
Delta R.T.: -0.008 min
Response: 6601602
Conc: 34.36 ug/ml

Instrument :

FID_E

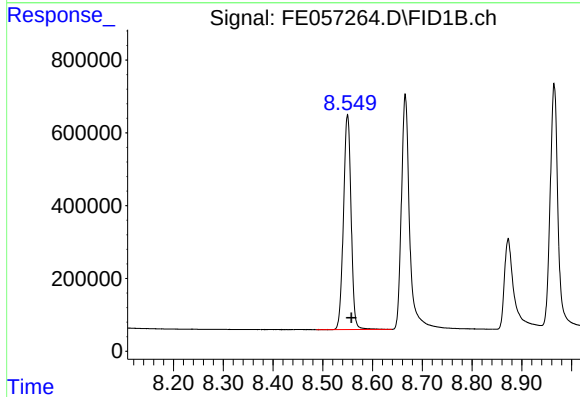
ClientSampleId :

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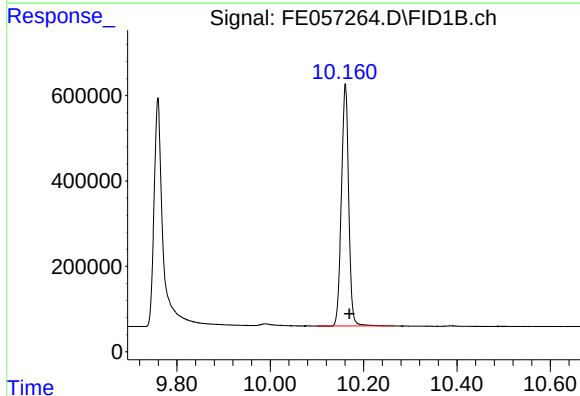
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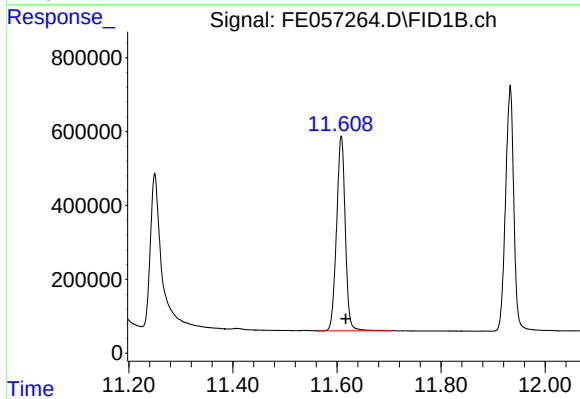
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.008 min
Response: 6266065
Conc: 31.13 ug/ml



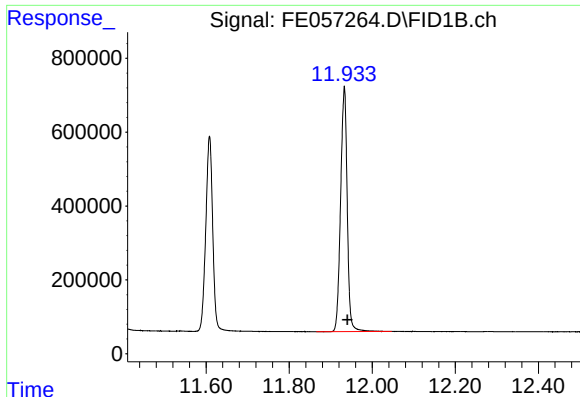
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: -0.009 min
Response: 6154898
Conc: 30.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.608 min
Delta R.T.: -0.009 min
Response: 6110994
Conc: 29.65 ug/ml



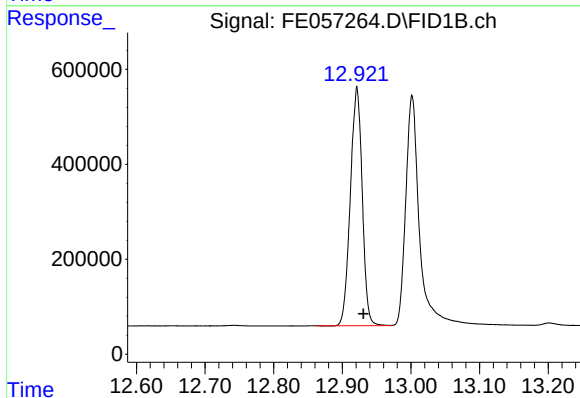
#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: -0.007 min
Response: 7306976
Conc: 33.30 ug/ml

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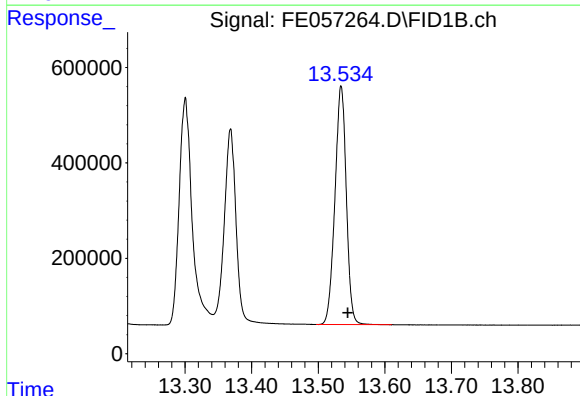
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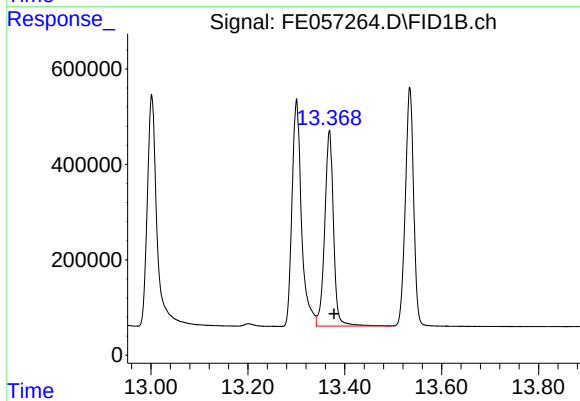
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: -0.010 min
Response: 6047974
Conc: 30.75 ug/ml



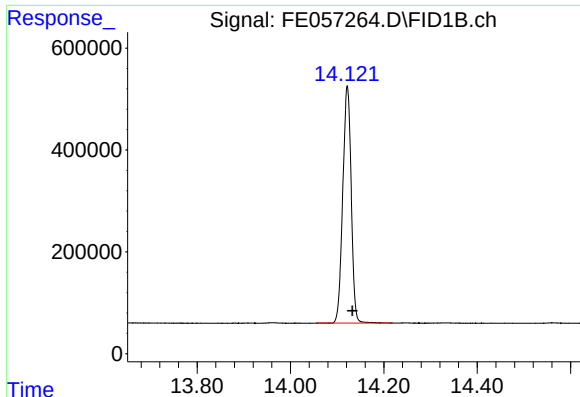
#11 n-Heneicosane (C21)

R.T.: 13.534 min
Delta R.T.: -0.010 min
Response: 5934908
Conc: 30.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.368 min
Delta R.T.: -0.010 min
Response: 5155038
Conc: 30.97 ug/ml



#13 n-Docosane (C22)

R.T.: 14.122 min
Delta R.T.: -0.010 min
Response: 5833730
Conc: 30.22 ug/ml

Instrument :

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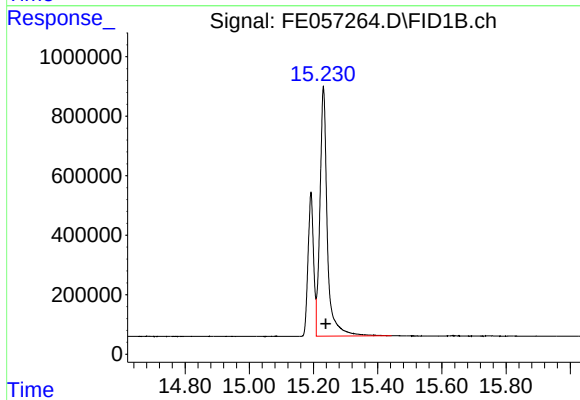
ClientSampleId :

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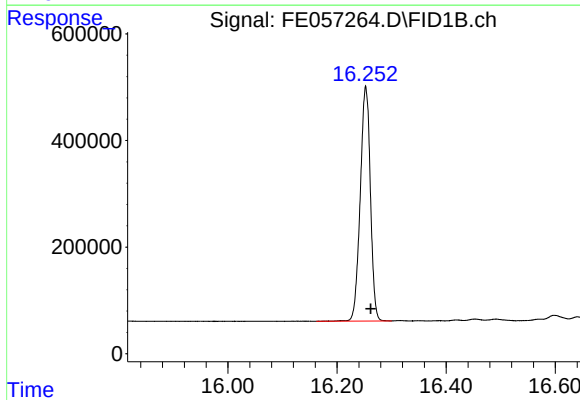
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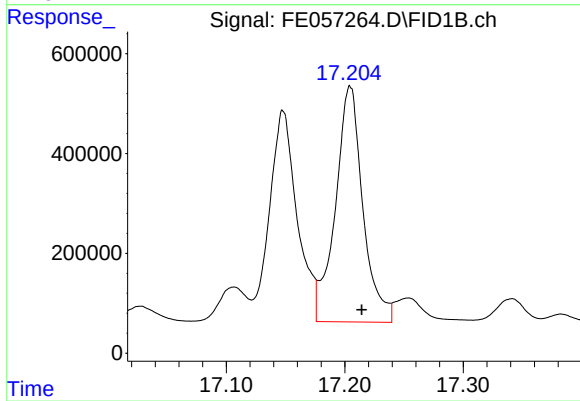
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: -0.007 min
Response: 13435628
Conc: 67.84 ug/ml



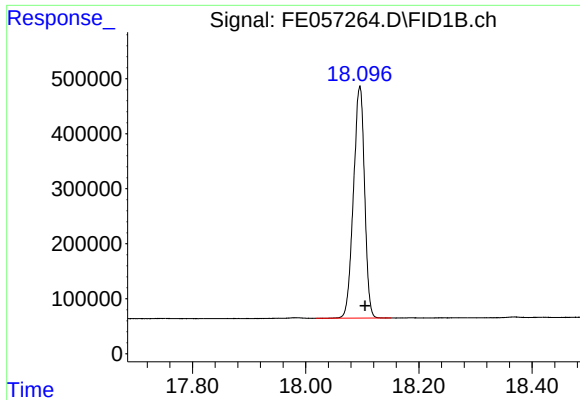
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.009 min
Response: 5664866
Conc: 28.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.204 min
Delta R.T.: -0.011 min
Response: 7611005
Conc: 37.04 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.096 min
Delta R.T.: -0.009 min
Response: 5742180
Conc: 25.59 ug/ml

Instrument :

FID_E

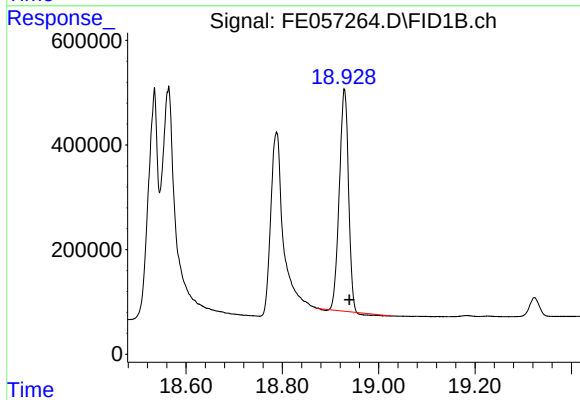
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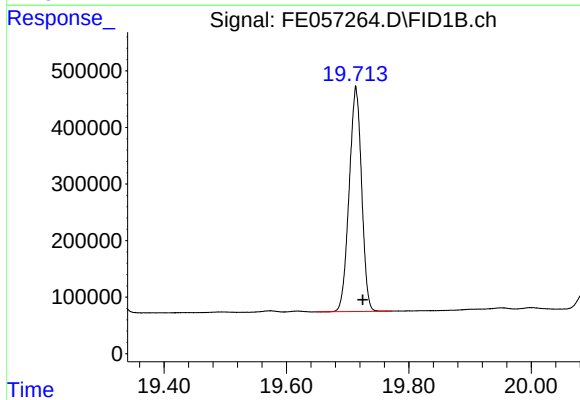
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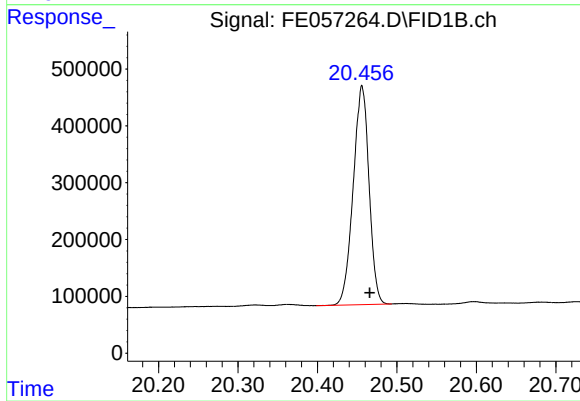
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: -0.011 min
Response: 5576560
Conc: 23.89 ug/ml



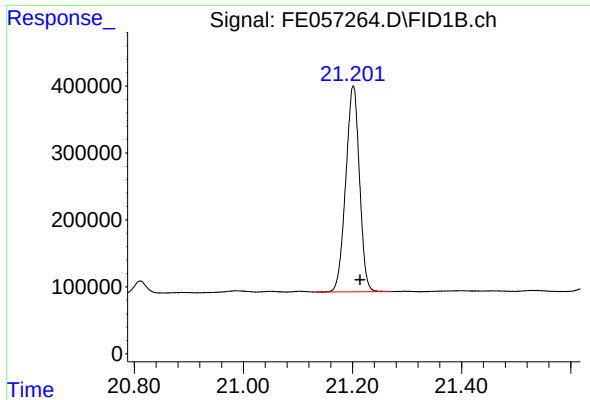
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.011 min
Response: 5598649
Conc: 26.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: -0.010 min
Response: 5333404
Conc: 28.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: -0.013 min
Response: 5376941
Conc: 31.03 ug/ml

Instrument :

FID_E

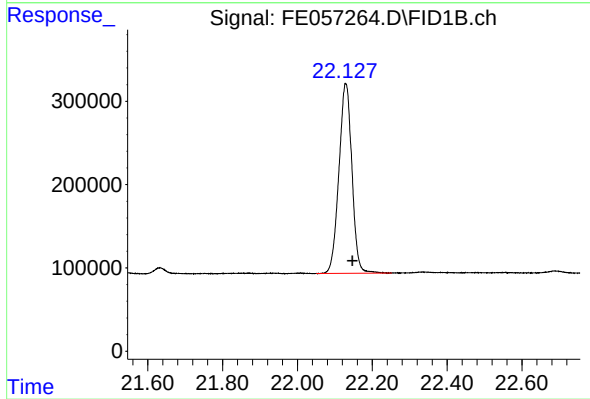
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#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: -0.017 min
Response: 5491946
Conc: 32.59 ug/ml