

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120525AL\
 Data File : FE057206.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2025 21:38
 Operator : YP\AJ
 Sample : Q3781-02MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OK-1242025-1-EPHMS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/08/2025
 Supervised By :Yogesh Patel 12/08/2025

Integration File: autoint1.e
 Quant Time: Dec 05 22:24:08 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)	11.935	5773439	26.310 ug/ml
Spiked Amount 50.000		Recovery =	52.62%
12) S 1-chlorooctadecane (S...	13.372	4170900	25.061 ug/ml
Spiked Amount 50.000		Recovery =	50.12%
Target Compounds			
1) T n-Nonane (C9)	3.290	2479760	12.677 ug/ml
2) T n-Decane (C10)	4.544	2906207	14.369 ug/ml
3) T A~Naphthalene (C11.7)	6.263	3740900	18.581 ug/ml
4) T n-Dodecane (C12)	6.718	3490746	17.103 ug/ml
5) T A~2-methylnaphthalene...	7.363	3736164	19.444 ug/ml
6) T n-Tetradecane (C14)	8.552	3985794	19.802 ug/ml
7) T n-Hexadecane (C16)	10.164	4157426	20.273 ug/ml
8) T n-Octadecane (C18)	11.611	4205761	20.405 ug/ml
10) T n-Eicosane (C20)	12.925	4448969	22.617 ug/ml
11) T n-Heneicosane (C21)	13.538	4158399	21.644 ug/ml
13) T n-Docosane (C22)	14.126	4128629	21.387 ug/ml
14) T n-Tetracosane (C24)	15.235	8714616	44.001 ug/ml
15) T n-Hexacosane (C26)	16.257	4132783	20.832 ug/ml
16) T n-Octacosane (C28)	17.211	5339866	25.985 ug/mlm
17) T n-Tricontane (C30)	18.102	4507093	20.083 ug/ml
18) T n-Dotriacontane (C32)	18.937	4136222	17.719 ug/ml
19) T n-Tetratriacontane (C34)	19.724	4208481	19.704 ug/mlm
20) T n-Hexatriacontane (C36)	20.467	3114085	16.731 ug/ml
21) T n-Octatriacontane (C38)	21.217	2743125	15.828 ug/ml
22) T n-Tetracontane (C40)	22.147	2674962	15.874 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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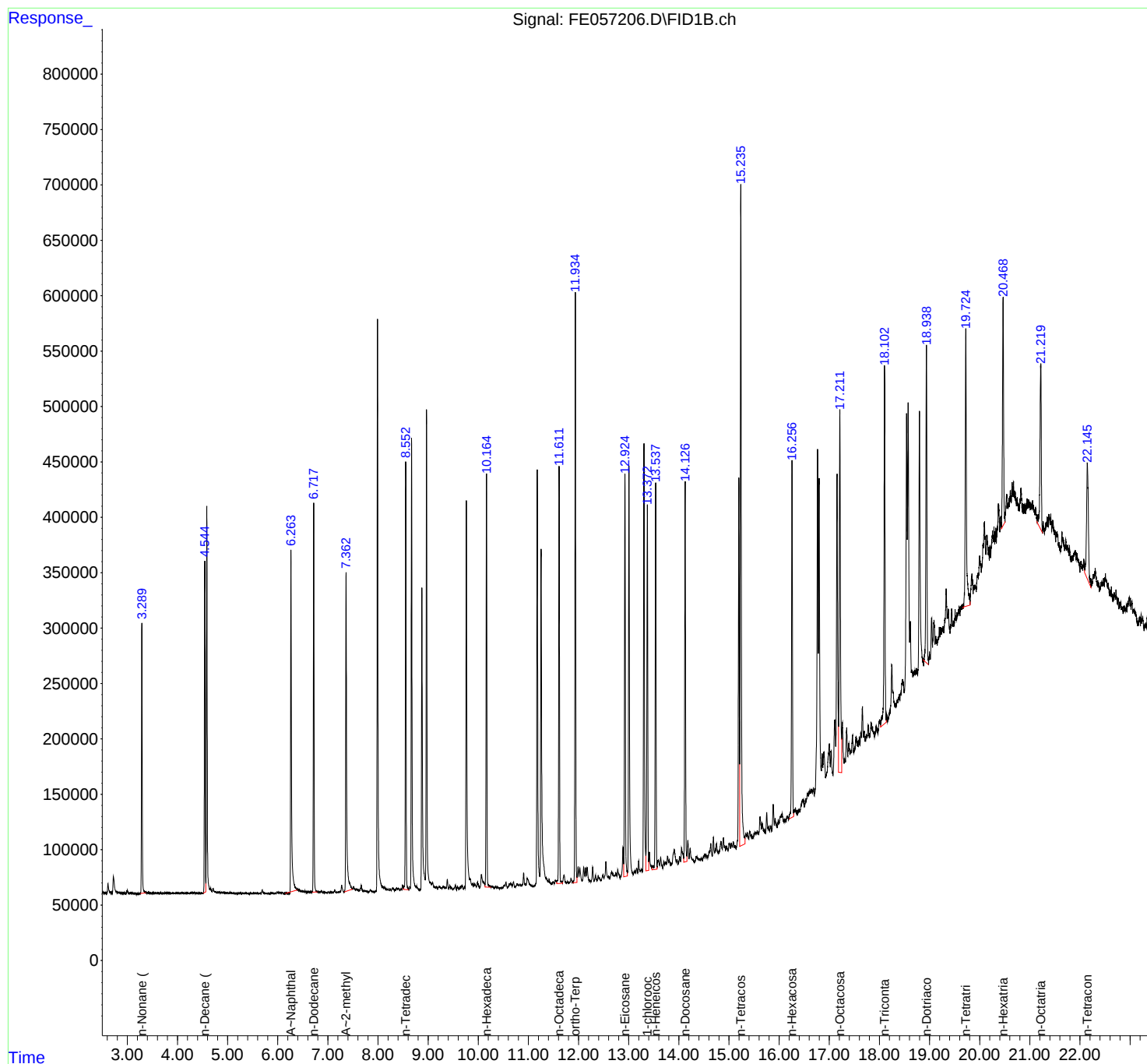
Instrument :
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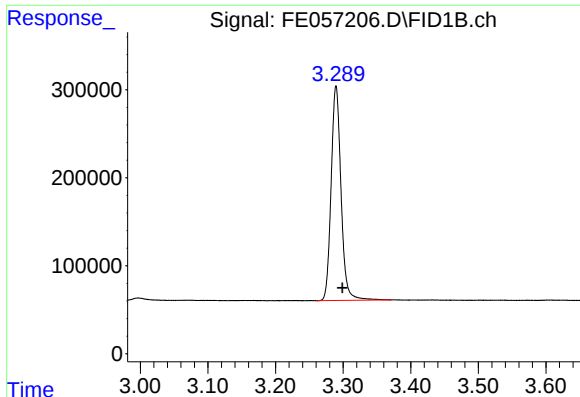
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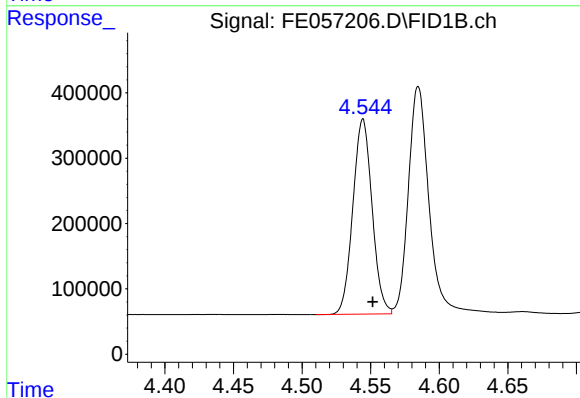
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.009 min
Response: 2479760
Conc: 12.68 ug/ml

Instrument :
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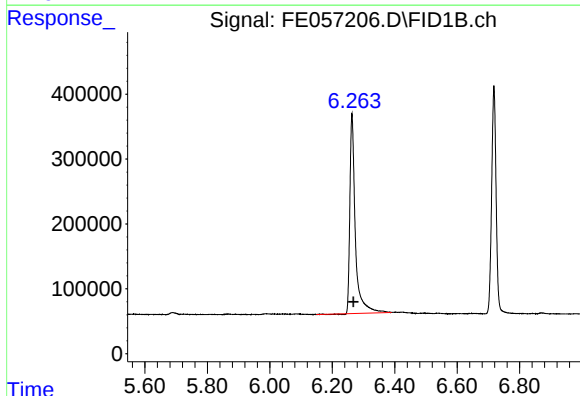
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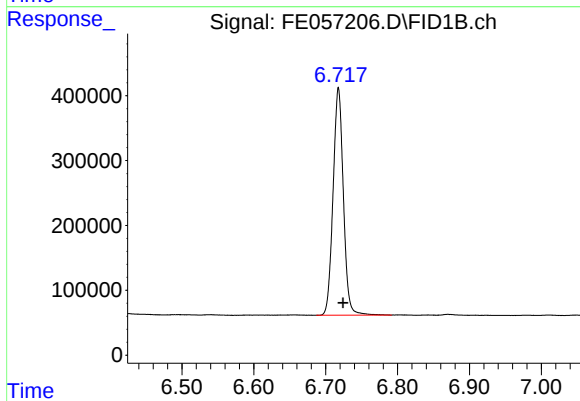
#2 n-Decane (C10)

R.T.: 4.544 min
Delta R.T.: -0.007 min
Response: 2906207
Conc: 14.37 ug/ml



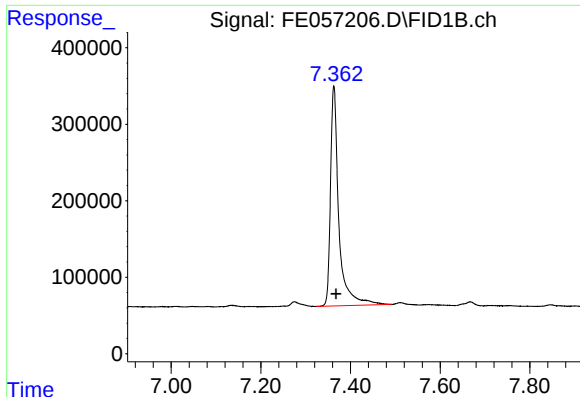
#3 A~Naphthalene (C11.7)

R.T.: 6.263 min
Delta R.T.: -0.005 min
Response: 3740900
Conc: 18.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.718 min
Delta R.T.: -0.006 min
Response: 3490746
Conc: 17.10 ug/ml



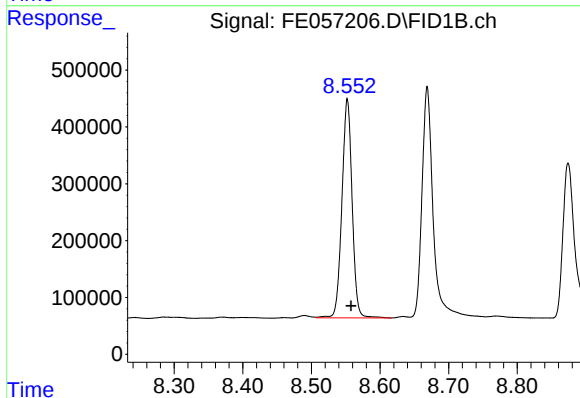
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.363 min
Delta R.T.: -0.004 min
Response: 3736164
Conc: 19.44 ug/ml

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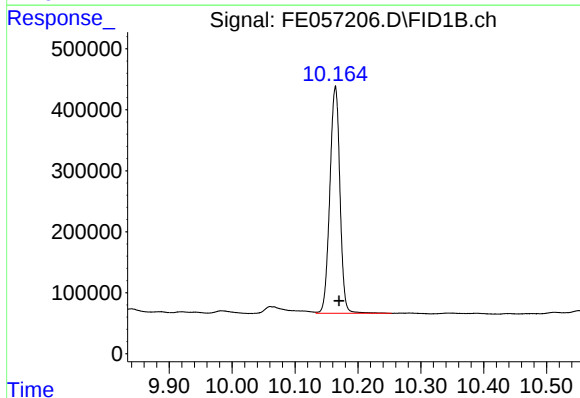
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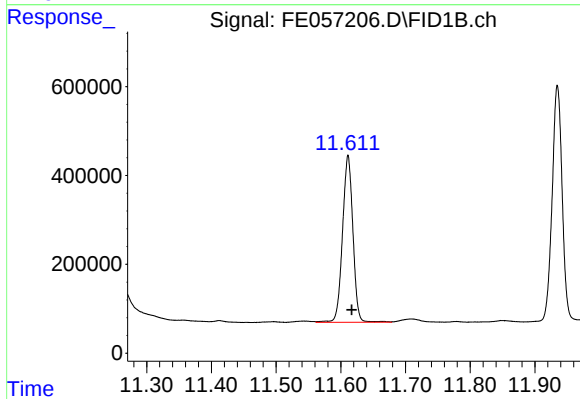
#6 n-Tetradecane (C14)

R.T.: 8.552 min
Delta R.T.: -0.005 min
Response: 3985794
Conc: 19.80 ug/ml



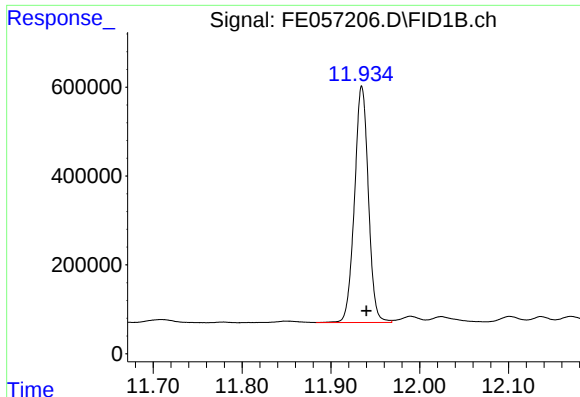
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: -0.006 min
Response: 4157426
Conc: 20.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.611 min
Delta R.T.: -0.006 min
Response: 4205761
Conc: 20.41 ug/ml



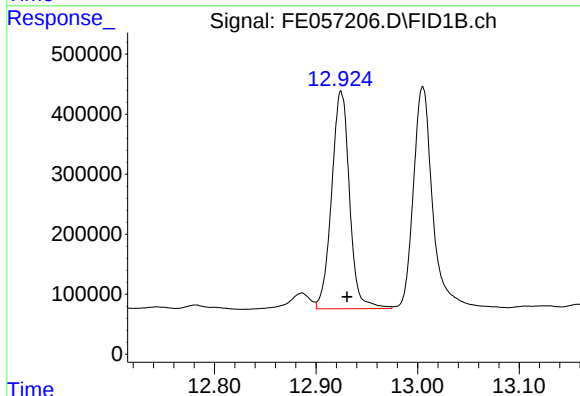
#9 ortho-Terphenyl (SURR)

R.T.: 11.935 min
Delta R.T.: -0.005 min
Response: 5773439
Conc: 26.31 ug/ml

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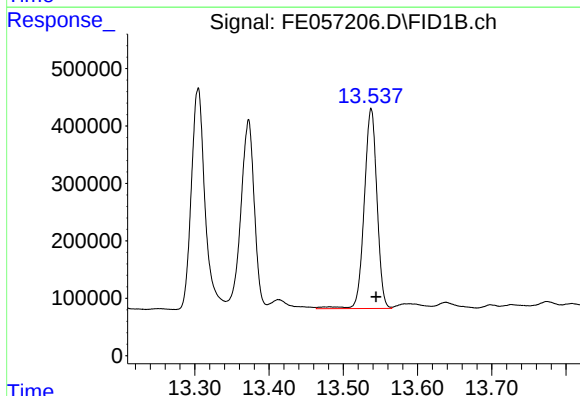
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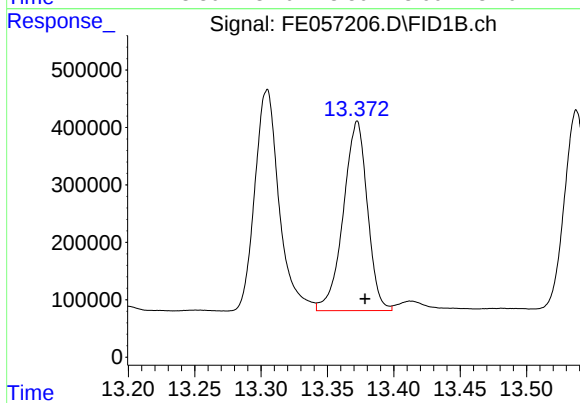
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: -0.006 min
Response: 4448969
Conc: 22.62 ug/ml



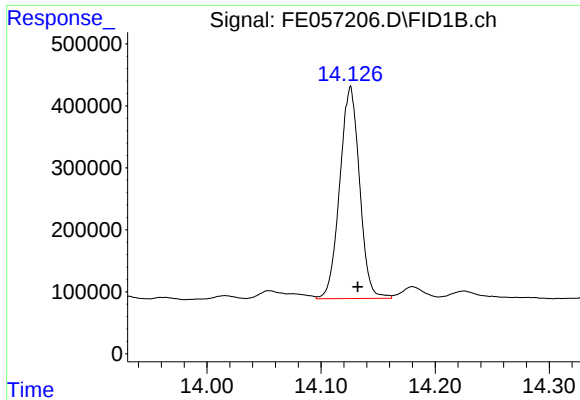
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: -0.007 min
Response: 4158399
Conc: 21.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.372 min
Delta R.T.: -0.006 min
Response: 4170900
Conc: 25.06 ug/ml



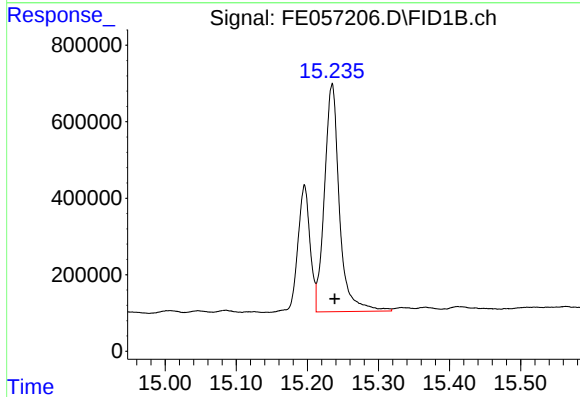
#13 n-Docosane (C22)

R.T.: 14.126 min
Delta R.T.: -0.007 min
Response: 4128629
Conc: 21.39 ug/ml

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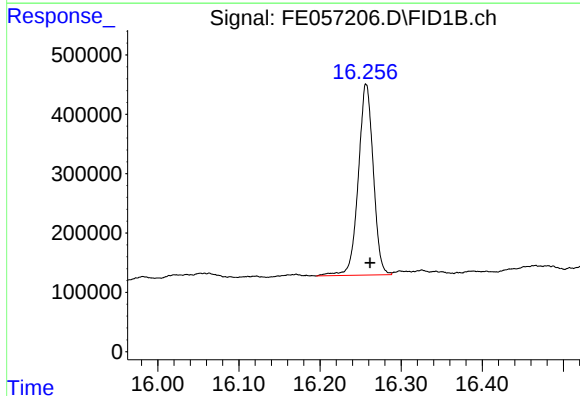
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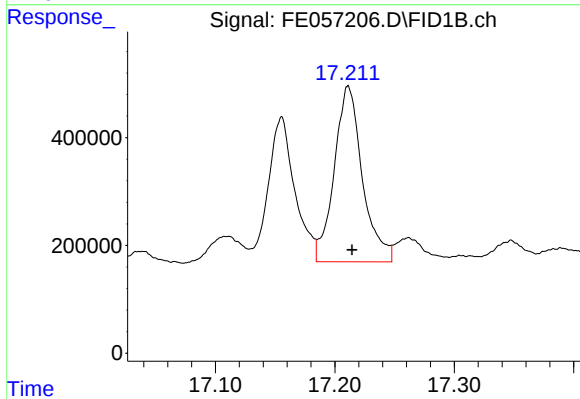
#14 n-Tetracosane (C24)

R.T.: 15.235 min
Delta R.T.: -0.004 min
Response: 8714616
Conc: 44.00 ug/ml



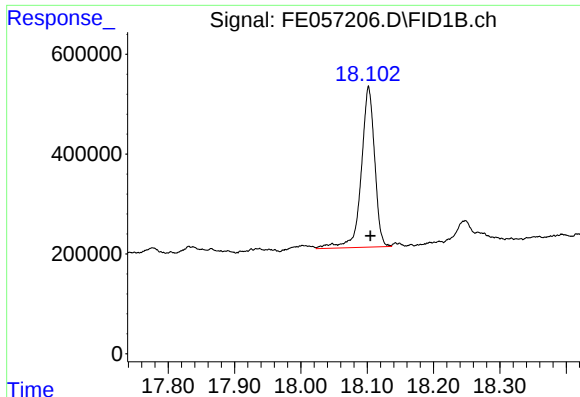
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: -0.005 min
Response: 4132783
Conc: 20.83 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.211 min
Delta R.T.: -0.003 min
Response: 5339866
Conc: 25.98 ug/ml m



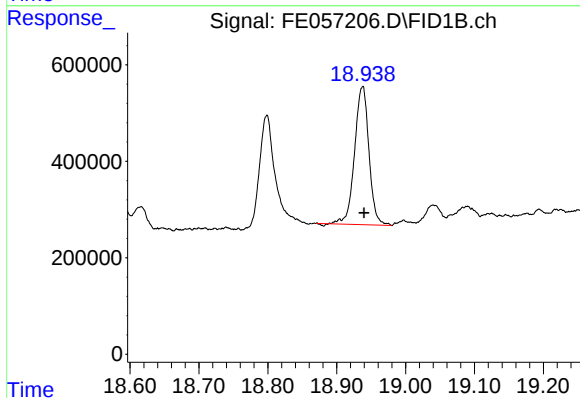
#17 n-Tricontane (C30)

R.T.: 18.102 min
Delta R.T.: -0.003 min
Response: 4507093
Conc: 20.08 ug/ml

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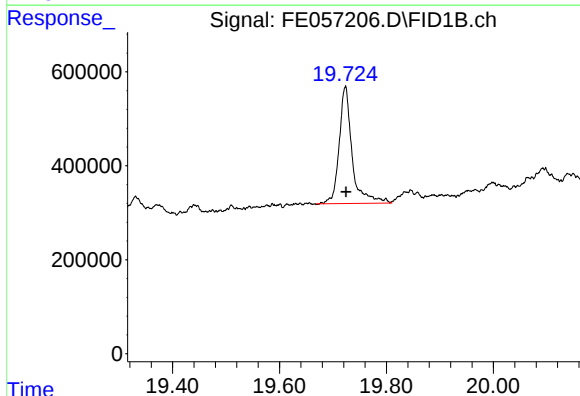
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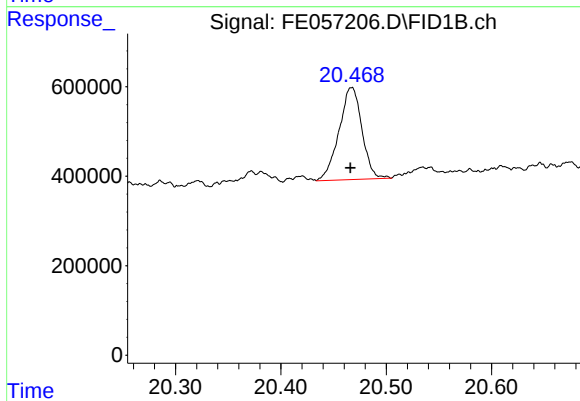
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: -0.002 min
Response: 4136222
Conc: 17.72 ug/ml



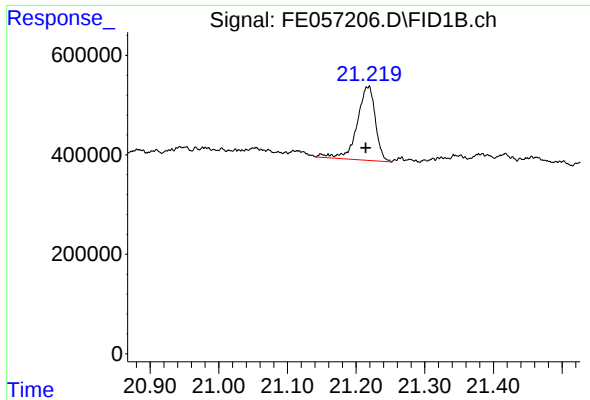
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: -0.001 min
Response: 4208481
Conc: 19.70 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: 0.001 min
Response: 3114085
Conc: 16.73 ug/ml



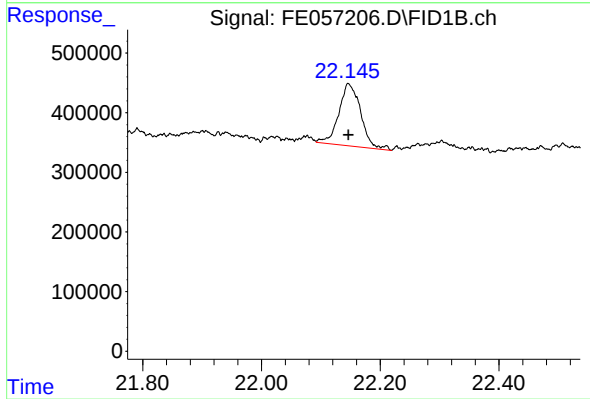
#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: 0.003 min
Response: 2743125
Conc: 15.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.147 min
Delta R.T.: 0.000 min
Response: 2674962
Conc: 15.87 ug/ml