

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102425AL\
 Data File : FE056491.D
 Signal(s) : FID1B.ch
 Acq On : 24 Oct 2025 14:58
 Operator : YP\AJ
 Sample : PB170247BSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170247BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2025
 Supervised By :mohammad ahmed 10/28/2025

Integration File: autoint1.e
 Quant Time: Oct 25 00:31:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 24 08:17:58 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)	12.003	6927008	33.908 ug/ml
Spiked Amount 50.000		Recovery =	67.82%
12) S 1-chlorooctadecane (S...	13.441	5501187	36.054 ug/ml
Spiked Amount 50.000		Recovery =	72.11%
Target Compounds			
1) T n-Nonane (C9)	3.365	4836896	29.674 ug/ml
2) T n-Decane (C10)	4.613	4960118	30.162 ug/ml
3) T A~Naphthalene (C11.7)	6.322	6035831	34.144 ug/ml
4) T n-Dodecane (C12)	6.781	5197394	30.977 ug/ml
5) T A~2-methylnaphthalene...	7.422	5561922	33.380 ug/ml
6) T n-Tetradecane (C14)	8.618	5504594	33.134 ug/ml
7) T n-Hexadecane (C16)	10.230	5652044	32.305 ug/ml
8) T n-Octadecane (C18)	11.679	5734165	31.435 ug/ml
10) T n-Eicosane (C20)	12.994	5771912	32.417 ug/ml
11) T n-Heneicosane (C21)	13.607	5633074	32.106 ug/ml
13) T n-Docosane (C22)	14.196	5568296	31.457 ug/ml
14) T n-Tetracosane (C24)	15.298	11465599	63.019 ug/ml
15) T n-Hexacosane (C26)	16.327	5280286	29.415 ug/ml
16) T n-Octacosane (C28)	17.278	5169721	29.060 ug/ml
17) T n-Tricontane (C30)	18.168	4844544	26.683 ug/ml
18) T n-Dotriacontane (C32)	19.001	4712538	26.730 ug/ml
19) T n-Tetratriacontane (C34)	19.787	4590402	29.654 ug/ml
20) T n-Hexatriacontane (C36)	20.528	4355955	34.866 ug/mlm
21) T n-Octatriacontane (C38)	21.288	4310339	41.255 ug/mlm
22) T n-Tetracontane (C40)	22.246	4339795	47.825 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB170247BSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

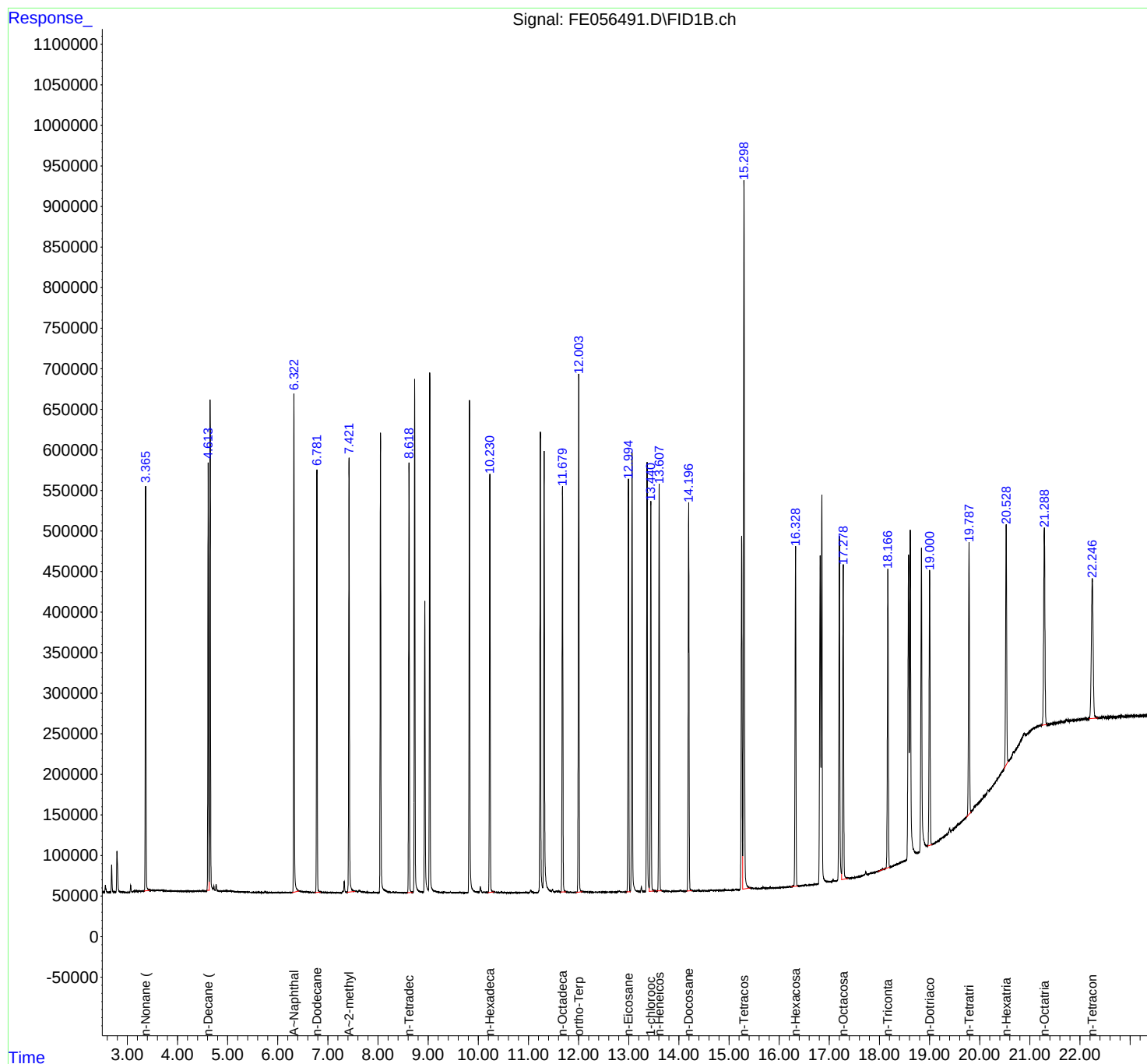
Instrument :
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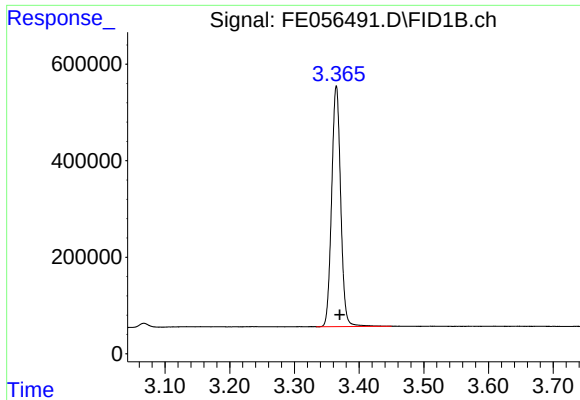
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#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: -0.005 min
Response: 4836896
Conc: 29.67 ug/ml

Instrument :

FID_E

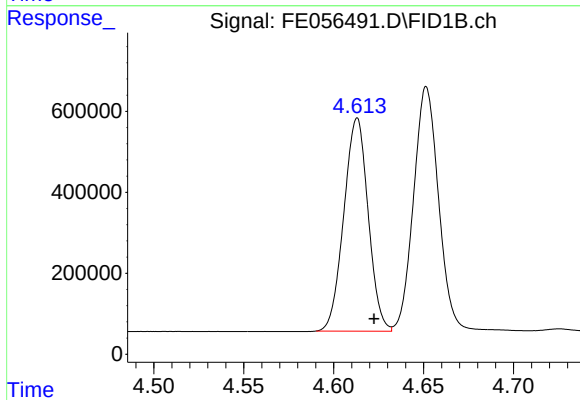
ClientSampleId :

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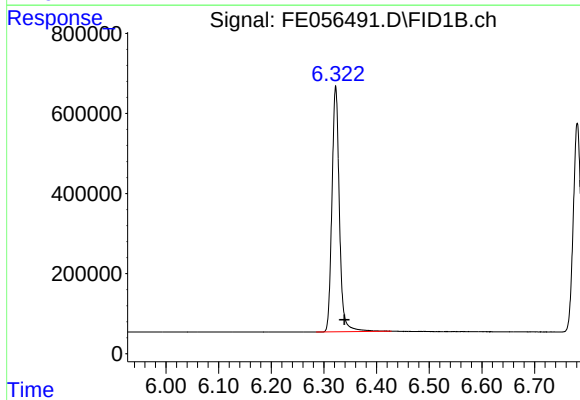
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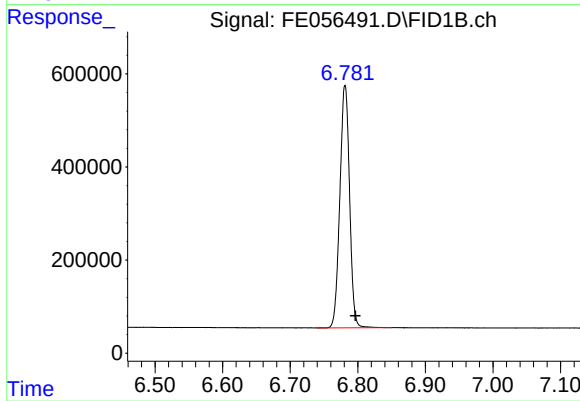
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: -0.010 min
Response: 4960118
Conc: 30.16 ug/ml



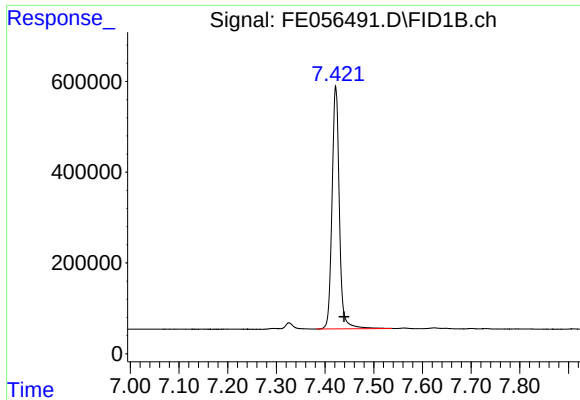
#3 A~Naphthalene (C11.7)

R.T.: 6.322 min
Delta R.T.: -0.016 min
Response: 6035831
Conc: 34.14 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.781 min
Delta R.T.: -0.015 min
Response: 5197394
Conc: 30.98 ug/ml



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

R.T.: 7.422 min
Delta R.T.: -0.017 min
Response: 5561922
Conc: 33.38 ug/ml

Instrument :

FID_E

ClientSampleId :

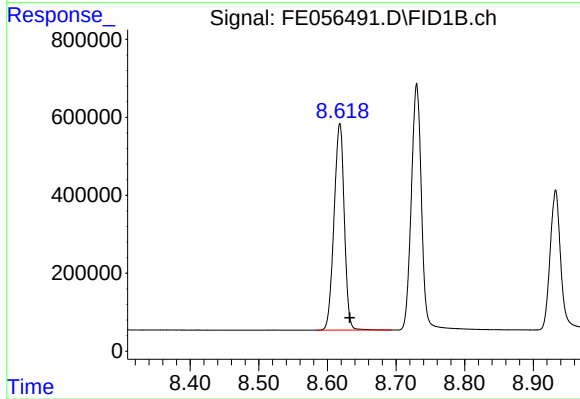
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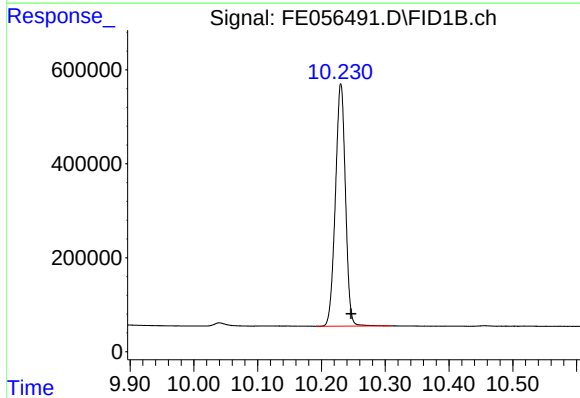
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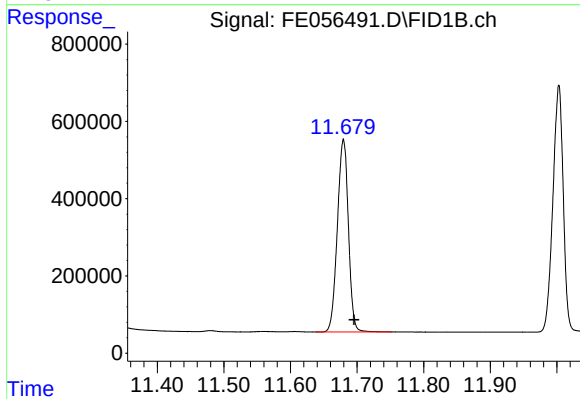
#6 n-Tetradecane (C14)

R.T.: 8.618 min
Delta R.T.: -0.015 min
Response: 5504594
Conc: 33.13 ug/ml



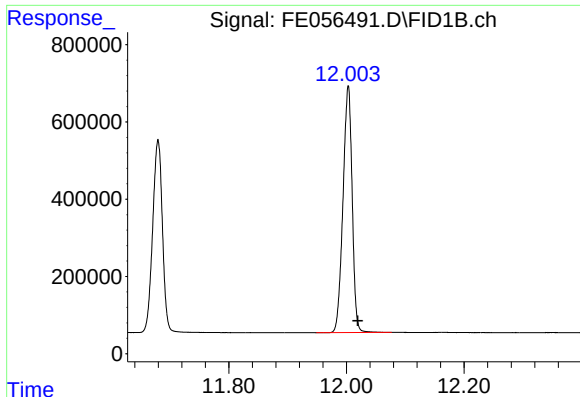
#7 n-Hexadecane (C16)

R.T.: 10.230 min
Delta R.T.: -0.016 min
Response: 5652044
Conc: 32.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.679 min
Delta R.T.: -0.016 min
Response: 5734165
Conc: 31.43 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.003 min
Delta R.T.: -0.017 min
Response: 6927008
Conc: 33.91 ug/ml

Instrument :

FID_E

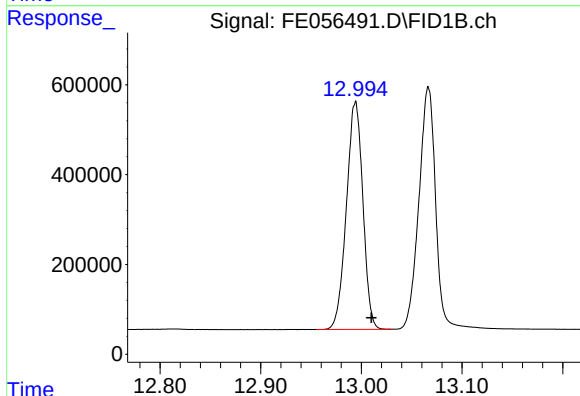
ClientSampleId :

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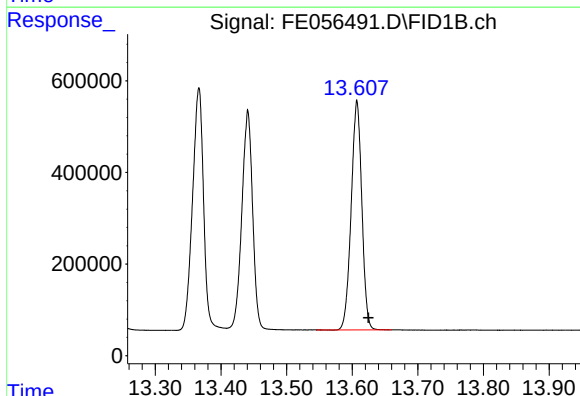
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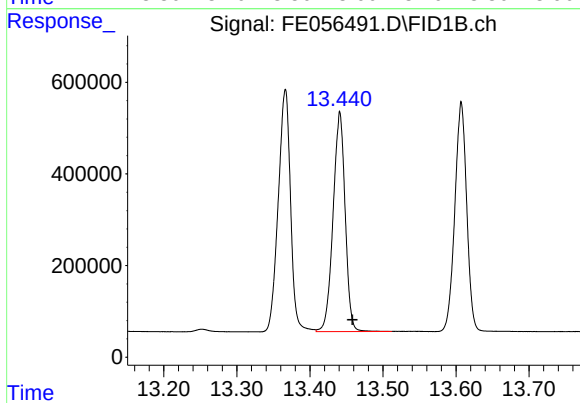
#10 n-Eicosane (C20)

R.T.: 12.994 min
Delta R.T.: -0.016 min
Response: 5771912
Conc: 32.42 ug/ml



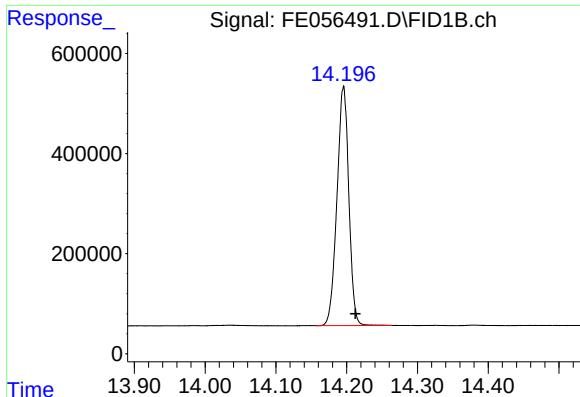
#11 n-Heneicosane (C21)

R.T.: 13.607 min
Delta R.T.: -0.018 min
Response: 5633074
Conc: 32.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.441 min
Delta R.T.: -0.017 min
Response: 5501187
Conc: 36.05 ug/ml



#13 n-Docosane (C22)

R.T.: 14.196 min
Delta R.T.: -0.017 min
Response: 5568296
Conc: 31.46 ug/ml

Instrument :

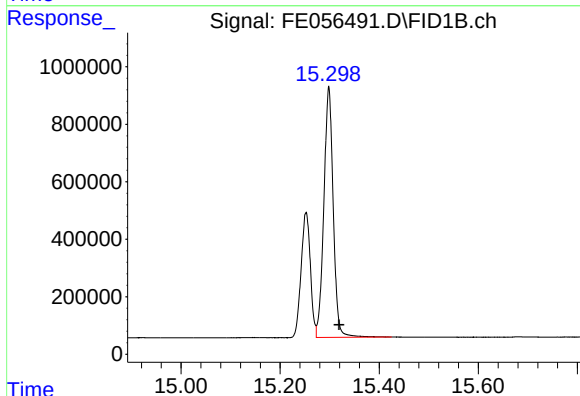
FID_E

ClientSampleId :

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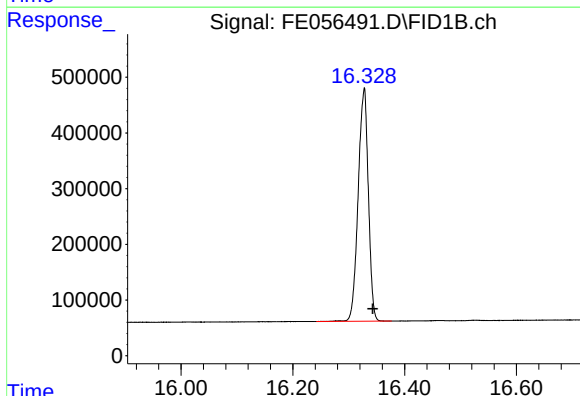
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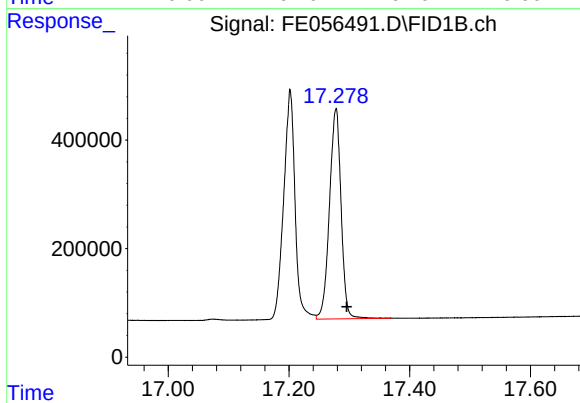
#14 n-Tetracosane (C24)

R.T.: 15.298 min
Delta R.T.: -0.021 min
Response: 11465599
Conc: 63.02 ug/ml



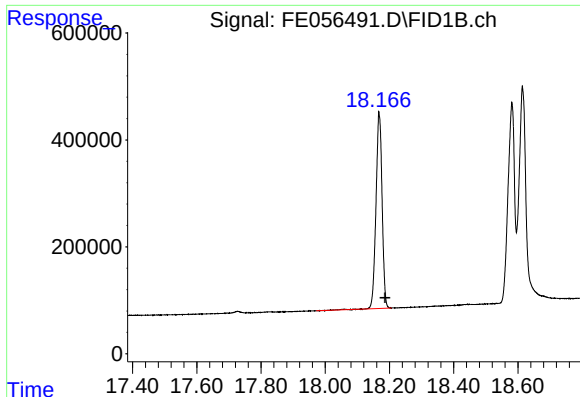
#15 n-Hexacosane (C26)

R.T.: 16.327 min
Delta R.T.: -0.016 min
Response: 5280286
Conc: 29.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.278 min
Delta R.T.: -0.018 min
Response: 5169721
Conc: 29.06 ug/ml



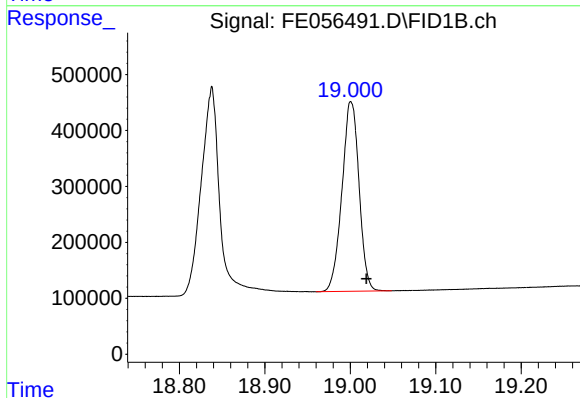
#17 n-Tricontane (C30)

R.T.: 18.168 min
Delta R.T.: -0.018 min
Response: 4844544
Conc: 26.68 ug/ml

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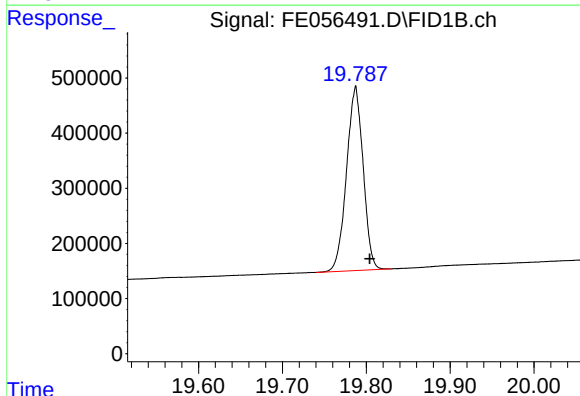
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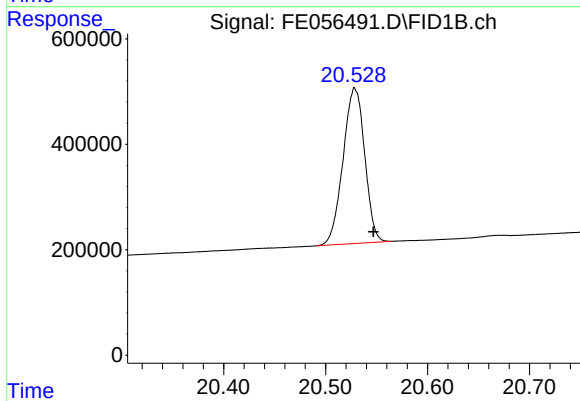
#18 n-Dotriacontane (C32)

R.T.: 19.001 min
Delta R.T.: -0.018 min
Response: 4712538
Conc: 26.73 ug/ml



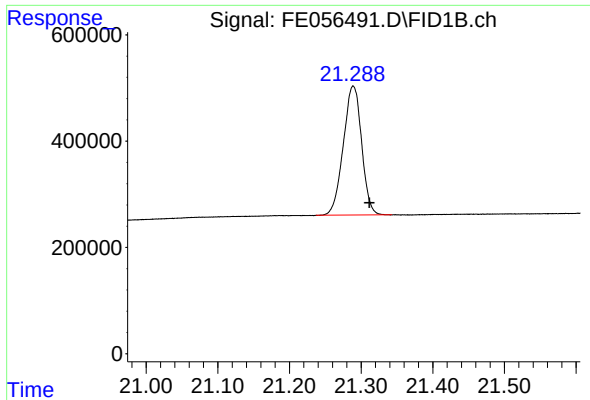
#19 n-Tetratriacontane (C34)

R.T.: 19.787 min
Delta R.T.: -0.017 min
Response: 4590402
Conc: 29.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.528 min
Delta R.T.: -0.019 min
Response: 4355955
Conc: 34.87 ug/ml m



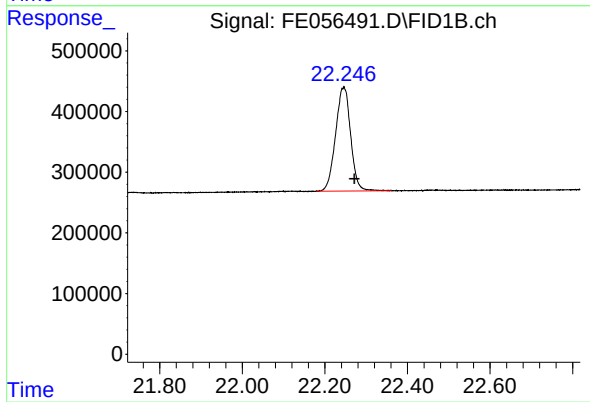
#21 n-Octatriacontane (C38)

R.T.: 21.288 min
Delta R.T.: -0.023 min
Response: 4310339
Conc: 41.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.246 min
Delta R.T.: -0.026 min
Response: 4339795
Conc: 47.83 ug/ml m