

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122822AL\
 Data File : FE039534.D
 Signal(s) : FID1B.ch
 Acq On : 28 Dec 2022 21:57
 Operator : YP\AJ
 Sample : N6220-04MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-CRMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/29/2022
 Supervised By :Ankita Jodhani 12/29/2022

Integration File: autoint1.e
 Quant Time: Dec 29 03:10:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 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)	11.926	3614411	24.220 ug/ml
Spiked Amount 50.000		Recovery =	48.44%
12) S 1-chlorooctadecane (S...	13.361	2841824	24.690 ug/ml
Spiked Amount 50.000		Recovery =	49.38%
Target Compounds			
1) T n-Nonane (C9)	3.330	4924296	38.097 ug/ml
2) T n-Decane (C10)	4.576	5540323	43.481 ug/ml
3) T A~Naphthalene (C11.7)	6.274	4106650	28.408 ug/ml
4) T n-Dodecane (C12)	6.737	6105598	47.030 ug/ml
5) T A~2-methylnaphthalene...	7.368	4206330	31.059 ug/ml
6) T n-Tetradecane (C14)	8.564	6422727	48.469 ug/ml
7) T n-Hexadecane (C16)	10.169	7201870	52.349 ug/ml
8) T n-Octadecane (C18)	11.611	7683876	54.861 ug/ml
10) T n-Eicosane (C20)	12.920	7528856	55.154 ug/ml
11) T n-Heneicosane (C21)	13.531	7455561	54.663 ug/mlm
13) T n-Docosane (C22)	14.118	7476766	55.271 ug/ml
14) T n-Tetracosane (C24)	15.220	6934065	51.654 ug/mlm
15) T n-Hexacosane (C26)	16.242	7185243	55.182 ug/ml
16) T n-Octacosane (C28)	17.189	7011920	54.482 ug/mlm
17) T n-Tricontane (C30)	18.078	6757933	52.489 ug/mlm
18) T n-Dotriacontane (C32)	18.910	6625376	51.161 ug/ml
19) T n-Tetratriacontane (C34)	19.693	5941797	47.096 ug/ml
20) T n-Hexatriacontane (C36)	20.434	4684662	38.743 ug/mlm
21) T n-Octatriacontane (C38)	21.167	3573181	28.933 ug/ml
22) T n-Tetracontane (C40)	22.077	2807895	22.359 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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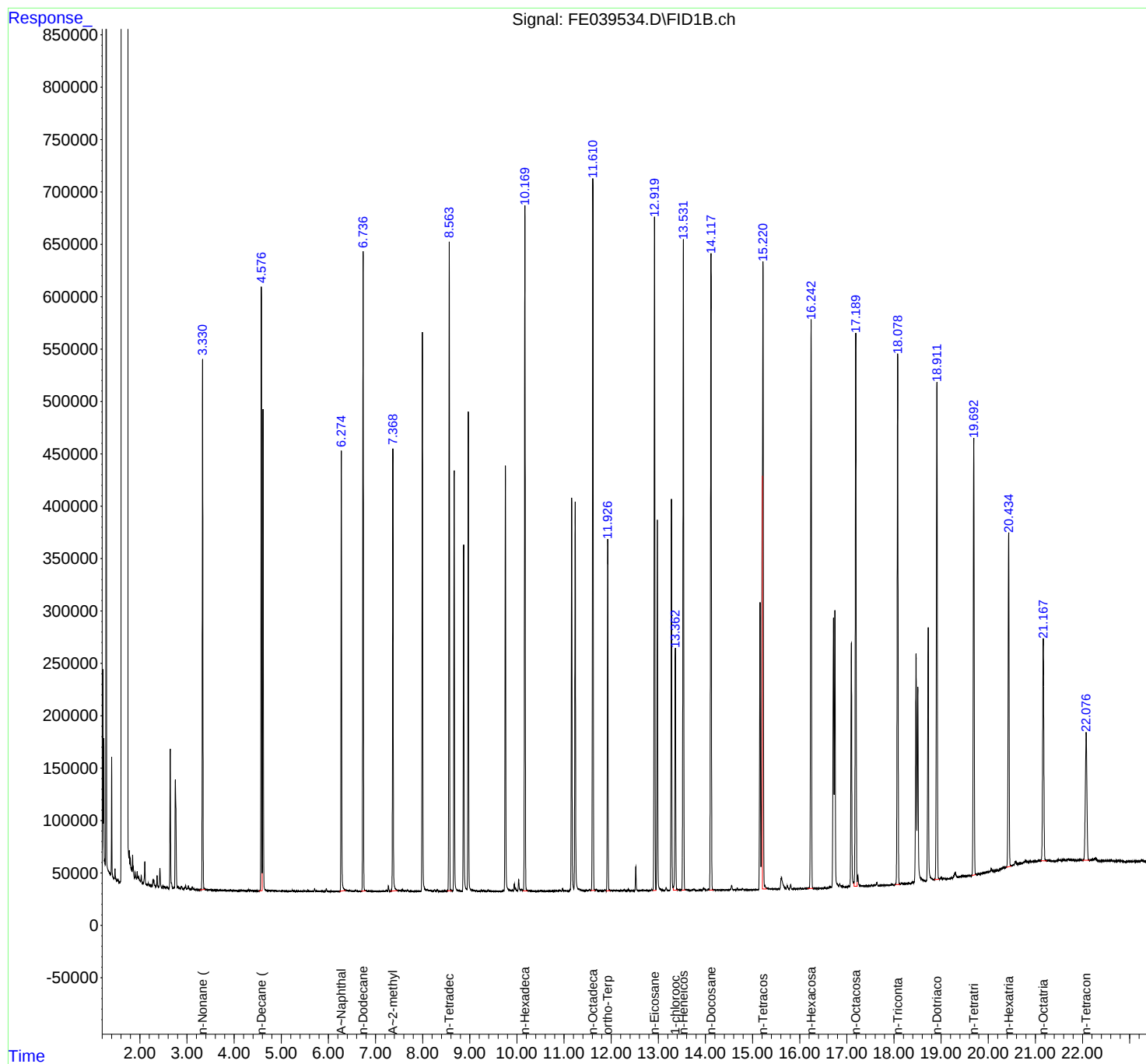
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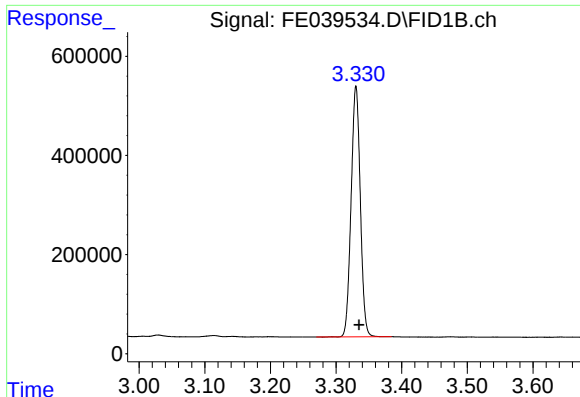
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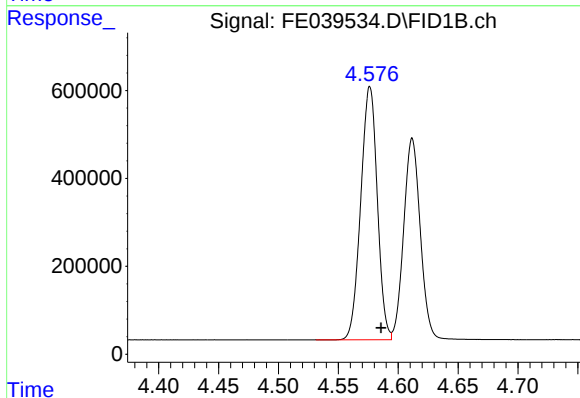
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: -0.005 min
Response: 4924296
Conc: 38.10 ug/ml

Instrument :
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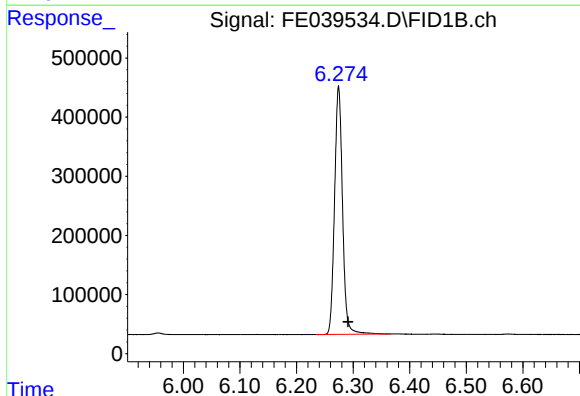
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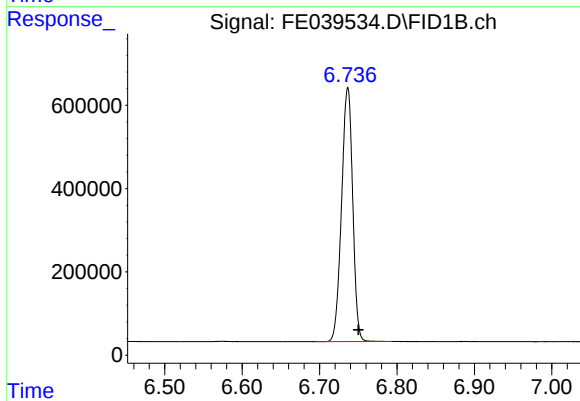
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: -0.009 min
Response: 5540323
Conc: 43.48 ug/ml



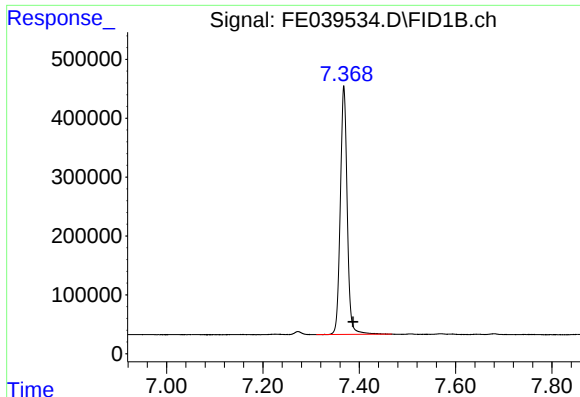
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.017 min
Response: 4106650
Conc: 28.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.737 min
Delta R.T.: -0.014 min
Response: 6105598
Conc: 47.03 ug/ml



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

R.T.: 7.368 min
Delta R.T.: -0.019 min
Response: 4206330
Conc: 31.06 ug/ml

Instrument :

FID_E

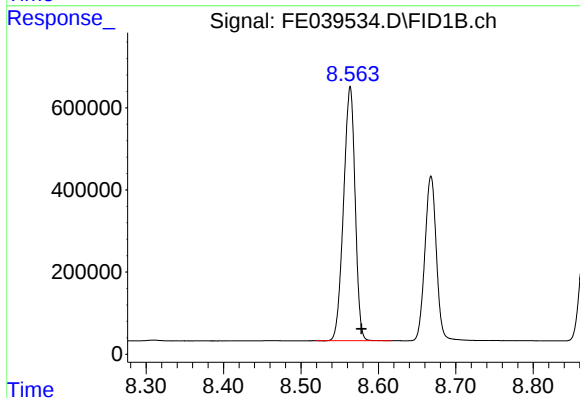
ClientSampleId :

TP-CRMS

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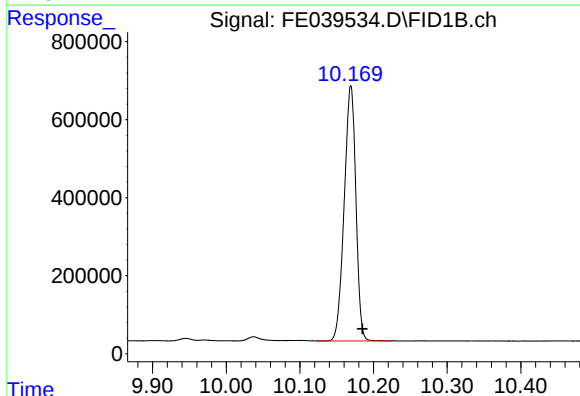
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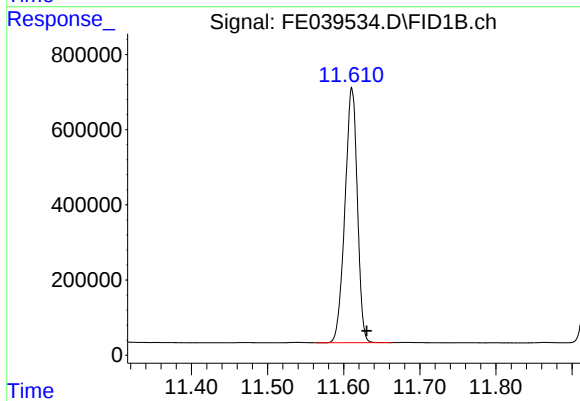
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: -0.014 min
Response: 6422727
Conc: 48.47 ug/ml



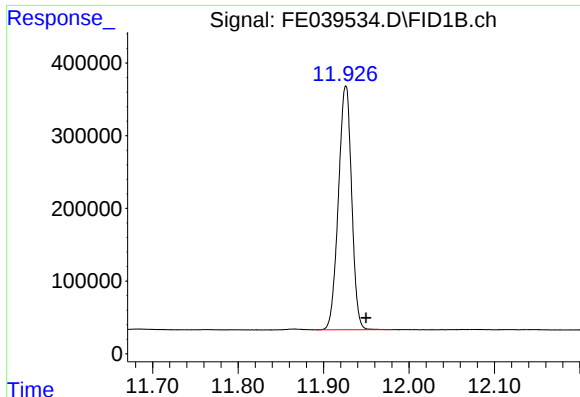
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: -0.016 min
Response: 7201870
Conc: 52.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.611 min
Delta R.T.: -0.020 min
Response: 7683876
Conc: 54.86 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.926 min
Delta R.T.: -0.024 min
Response: 3614411
Conc: 24.22 ug/ml

Instrument :

FID_E

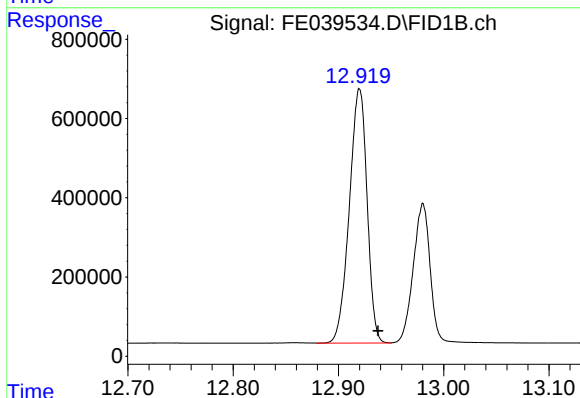
ClientSampleId :

TP-CRMS

Manual Integrations

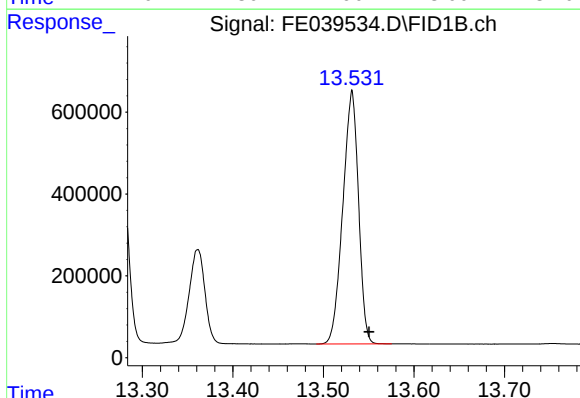
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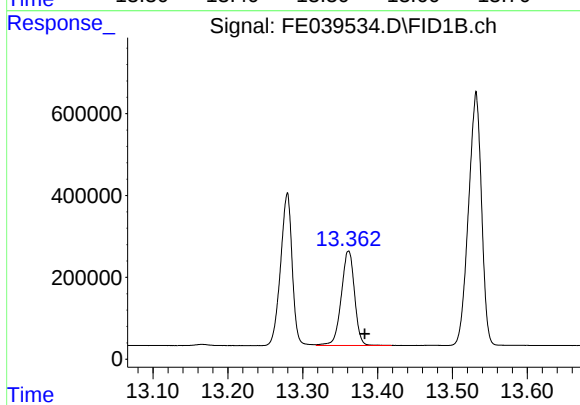
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: -0.018 min
Response: 7528856
Conc: 55.15 ug/ml



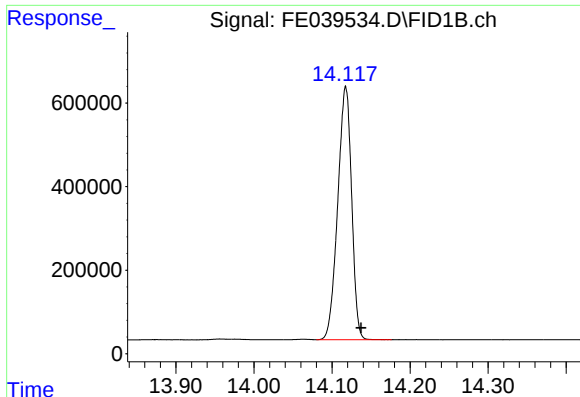
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: -0.019 min
Response: 7455561
Conc: 54.66 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.361 min
Delta R.T.: -0.022 min
Response: 2841824
Conc: 24.69 ug/ml



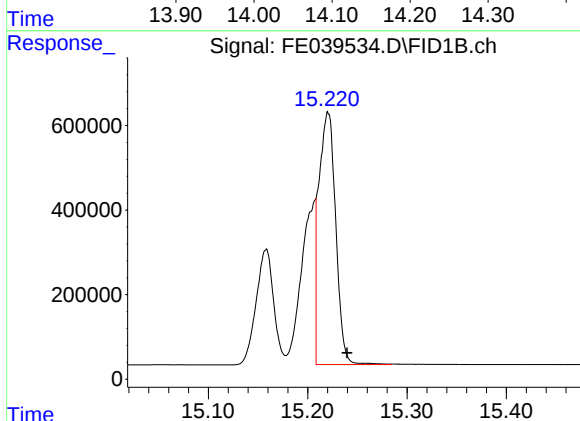
#13 n-Docosane (C22)

R.T.: 14.118 min
Delta R.T.: -0.019 min
Response: 7476766
Conc: 55.27 ug/ml

Instrument :
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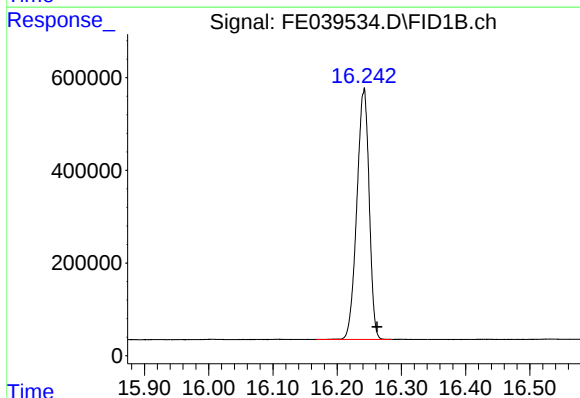
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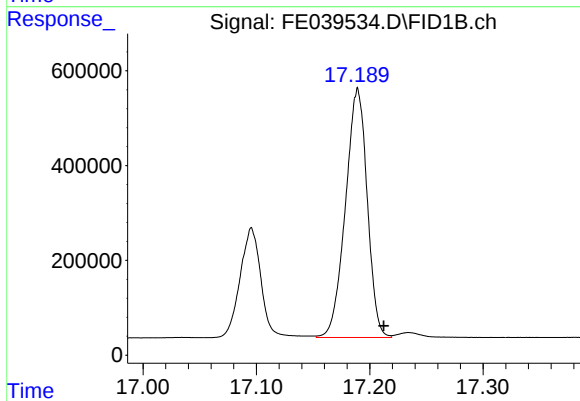
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: -0.020 min
Response: 6934065
Conc: 51.65 ug/ml m



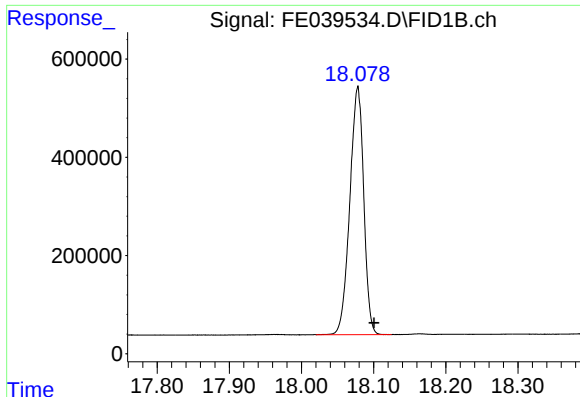
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: -0.020 min
Response: 7185243
Conc: 55.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.189 min
Delta R.T.: -0.023 min
Response: 7011920
Conc: 54.48 ug/ml m



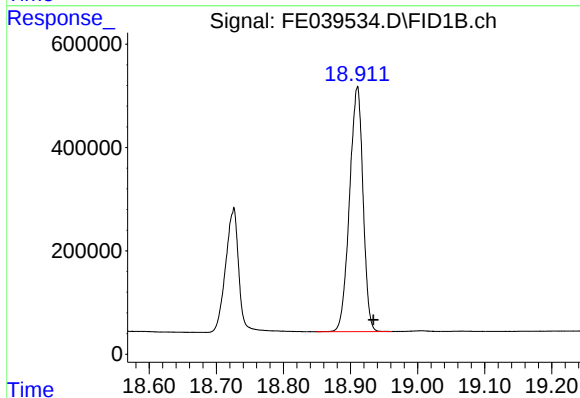
#17 n-Tricontane (C30)

R.T.: 18.078 min
Delta R.T.: -0.023 min
Response: 6757933
Conc: 52.49 ug/ml

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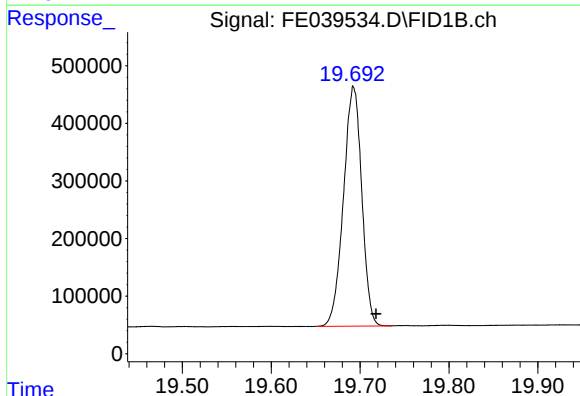
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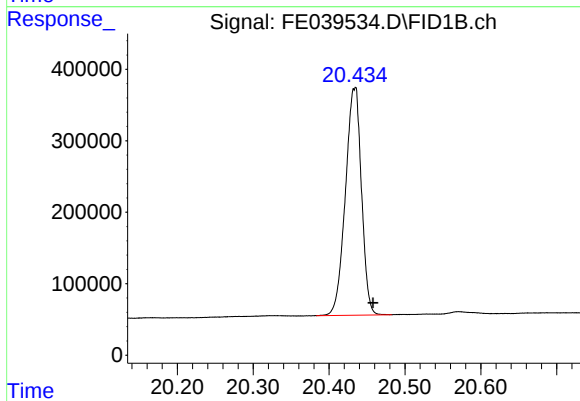
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: -0.024 min
Response: 6625376
Conc: 51.16 ug/ml



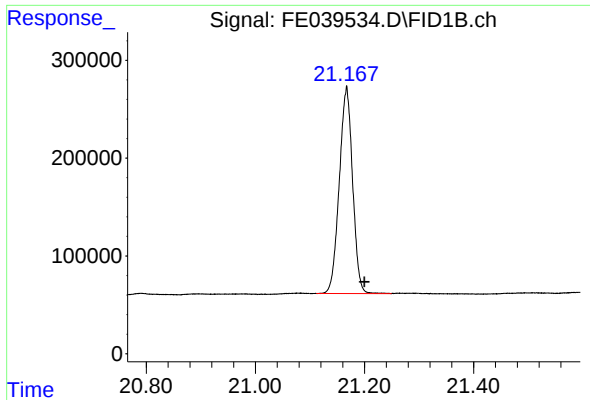
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min
Delta R.T.: -0.025 min
Response: 5941797
Conc: 47.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.434 min
Delta R.T.: -0.024 min
Response: 4684662
Conc: 38.74 ug/ml m



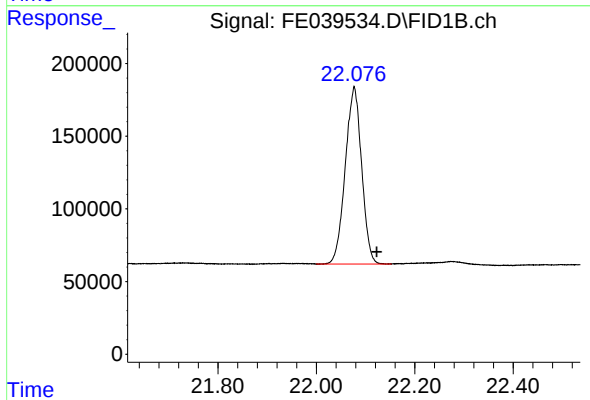
#21 n-Octatriacontane (C38)

R.T.: 21.167 min
Delta R.T.: -0.033 min
Response: 3573181
Conc: 28.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.077 min
Delta R.T.: -0.045 min
Response: 2807895
Conc: 22.36 ug/ml