

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121125AL\
 Data File : FE057323.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2025 21:37
 Operator : YP\AJ
 Sample : Q3530-01
 Misc : 4PPM SOIL LOD
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Integration File: autoint1.e
 Quant Time: Dec 12 00:20:42 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

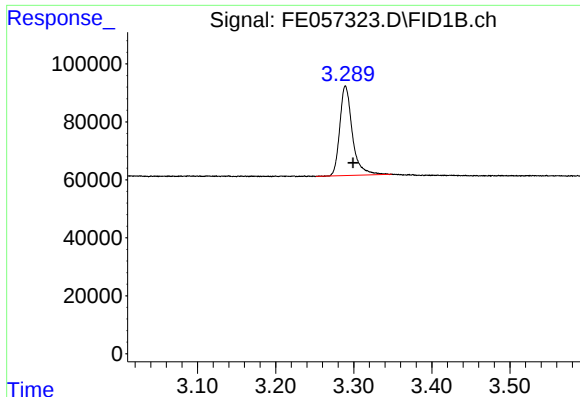
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.367	6154056	36.977 ug/ml
Spiked Amount 50.000		Recovery =	73.95%
Target Compounds			
1) T n-Nonane (C9)	3.290	345706	1.767 ug/ml
2) T n-Decane (C10)	4.542	453919	2.244 ug/ml
4) T n-Dodecane (C12)	6.713	558479	2.736 ug/ml
6) T n-Tetradecane (C14)	8.546	589457	2.929 ug/ml
7) T n-Hexadecane (C16)	10.158	550175	2.683 ug/ml
8) T n-Octadecane (C18)	11.604	620837	3.012 ug/ml
10) T n-Eicosane (C20)	12.917	678678	3.450 ug/ml
11) T n-Heneicosane (C21)	13.530	586896	3.055 ug/ml
13) T n-Docosane (C22)	14.118	628169	3.254 ug/ml
14) T n-Tetracosane (C24)	15.224	619098	3.126 ug/ml
15) T n-Hexacosane (C26)	16.247	626430	3.158 ug/ml
16) T n-Octacosane (C28)	17.199	746663	3.633 ug/ml
17) T n-Tricontane (C30)	18.089	1140810	5.083 ug/ml
18) T n-Dotriacontane (C32)	18.924	1569337	6.723 ug/ml
19) T n-Tetratriacontane (C34)	19.709	1571781	7.359 ug/ml
20) T n-Hexatriacontane (C36)	20.451	1317289	7.077 ug/ml
21) T n-Octatriacontane (C38)	21.196	1177608	6.795 ug/ml
22) T n-Tetracontane (C40)	22.123	1053613	6.252 ug/ml

(f)=RT Delta > 1/2 Window

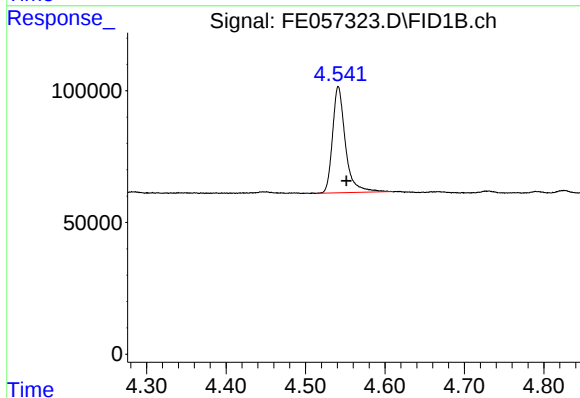
(m)=manual int.



#1 n-Nonane (C9)

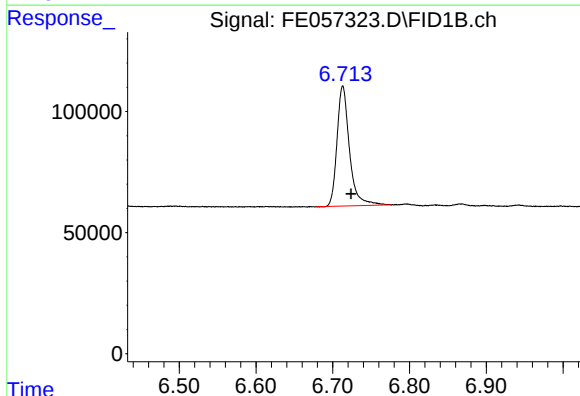
R.T.: 3.290 min
Delta R.T.: -0.009 min
Response: 345706
Conc: 1.77 ug/ml

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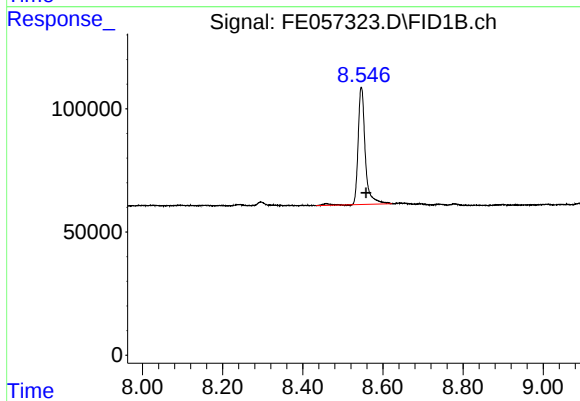
#2 n-Decane (C10)

R.T.: 4.542 min
Delta R.T.: -0.010 min
Response: 453919
Conc: 2.24 ug/ml



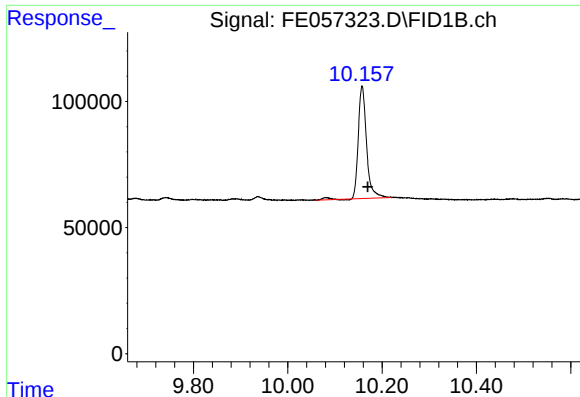
#4 n-Dodecane (C12)

R.T.: 6.713 min
Delta R.T.: -0.011 min
Response: 558479
Conc: 2.74 ug/ml



#6 n-Tetradecane (C14)

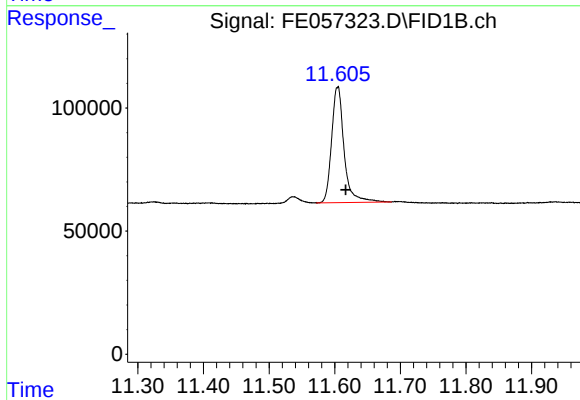
R.T.: 8.546 min
Delta R.T.: -0.011 min
Response: 589457
Conc: 2.93 ug/ml



#7 n-Hexadecane (C16)

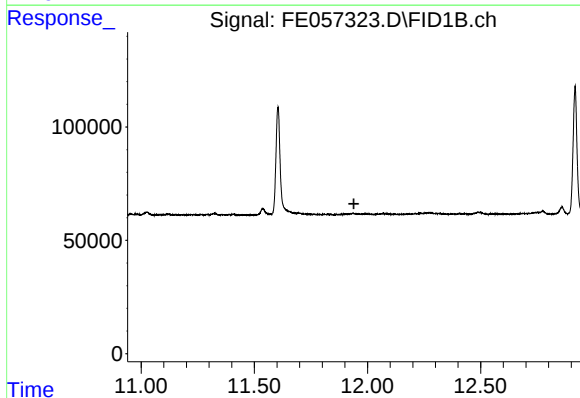
R.T.: 10.158 min
Delta R.T.: -0.012 min
Response: 550175
Conc: 2.68 ug/ml

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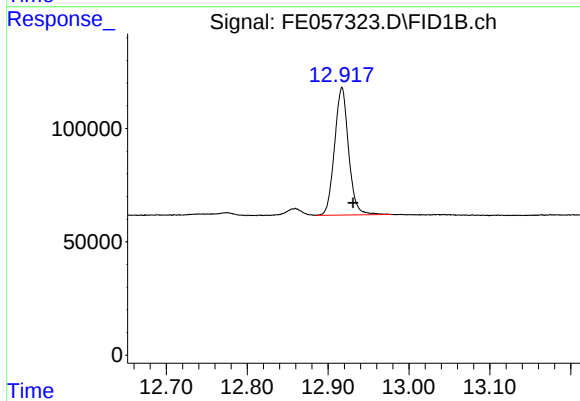
#8 n-Octadecane (C18)

R.T.: 11.604 min
Delta R.T.: -0.012 min
Response: 620837
Conc: 3.01 ug/ml



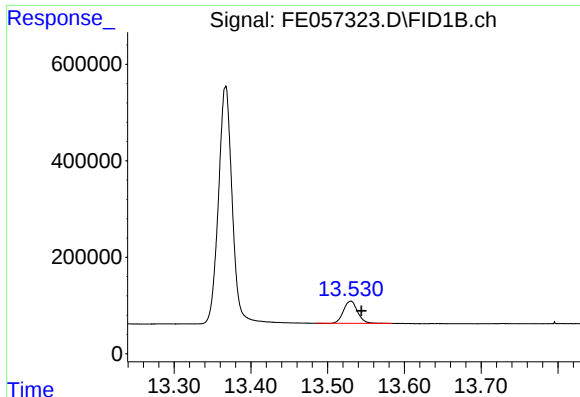
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.940 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

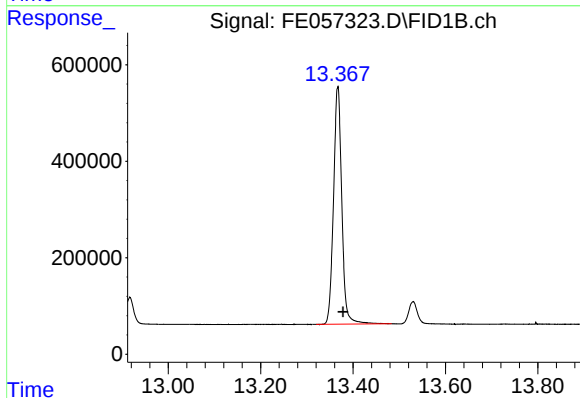
R.T.: 12.917 min
Delta R.T.: -0.014 min
Response: 678678
Conc: 3.45 ug/ml



#11 n-Heneicosane (C21)

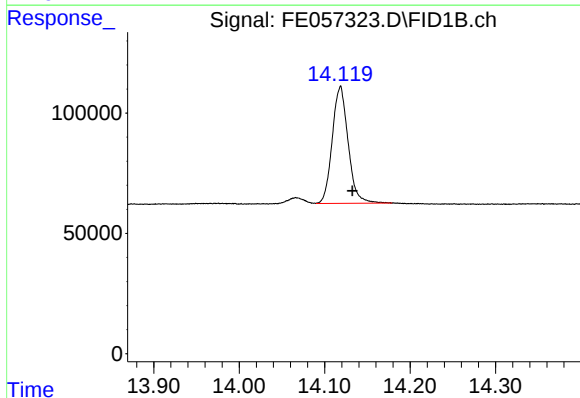
R.T.: 13.530 min
Delta R.T.: -0.014 min
Response: 586896
Conc: 3.05 ug/ml

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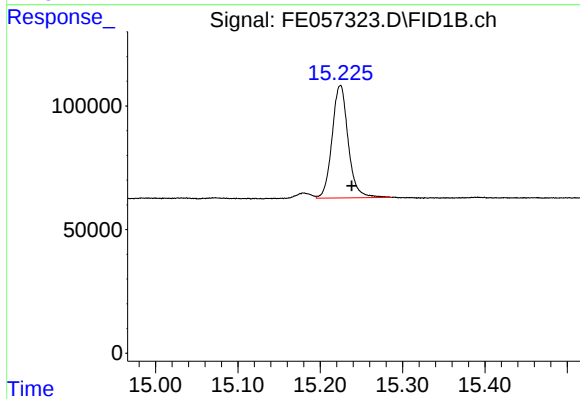
#12 1-chlorooctadecane (SURR)

R.T.: 13.367 min
Delta R.T.: -0.011 min
Response: 6154056
Conc: 36.98 ug/ml



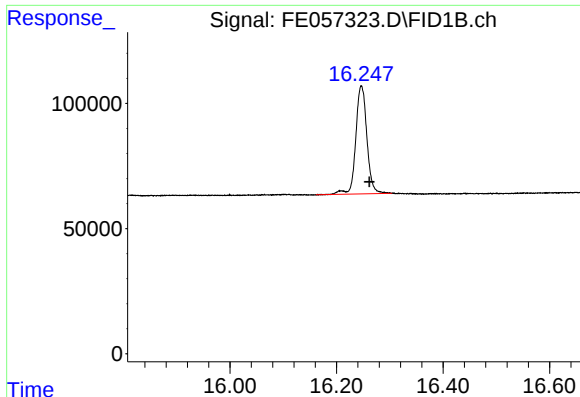
#13 n-Docosane (C22)

R.T.: 14.118 min
Delta R.T.: -0.014 min
Response: 628169
Conc: 3.25 ug/ml



#14 n-Tetracosane (C24)

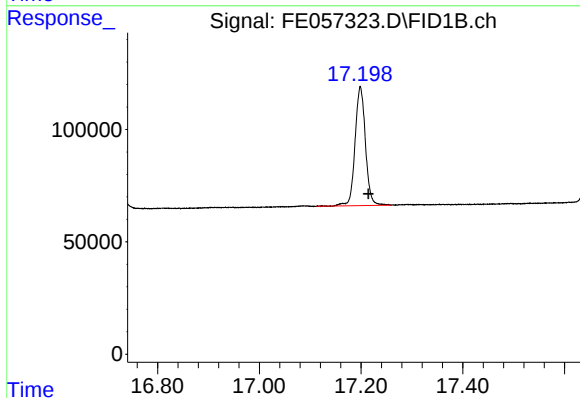
R.T.: 15.224 min
Delta R.T.: -0.014 min
Response: 619098
Conc: 3.13 ug/ml



#15 n-Hexacosane (C26)

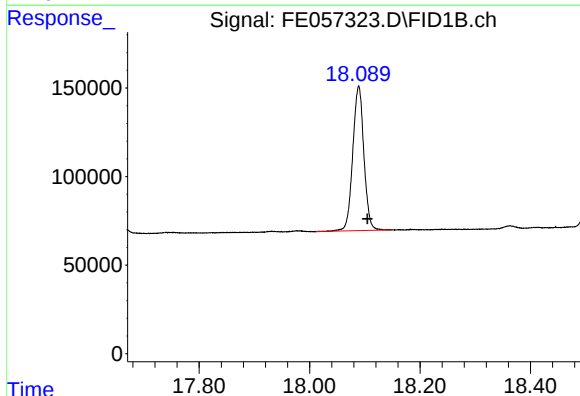
R.T.: 16.247 min
Delta R.T.: -0.015 min
Response: 626430
Conc: 3.16 ug/ml

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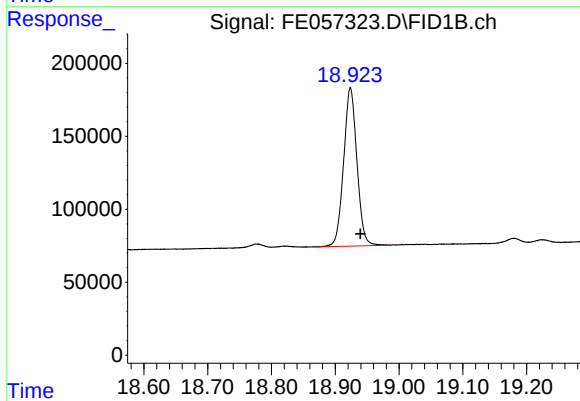
#16 n-Octacosane (C28)

R.T.: 17.199 min
Delta R.T.: -0.016 min
Response: 746663
Conc: 3.63 ug/ml



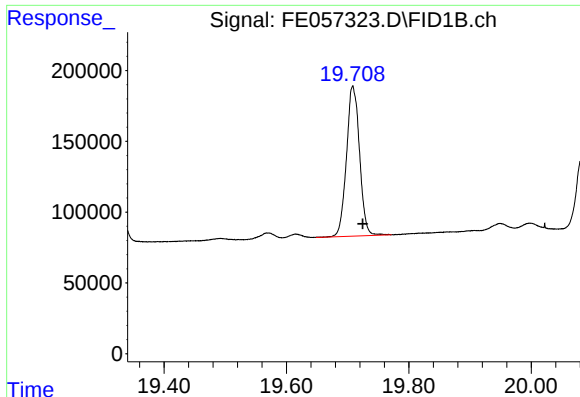
#17 n-Tricontane (C30)

R.T.: 18.089 min
Delta R.T.: -0.016 min
Response: 1140810
Conc: 5.08 ug/ml



#18 n-Dotriacontane (C32)

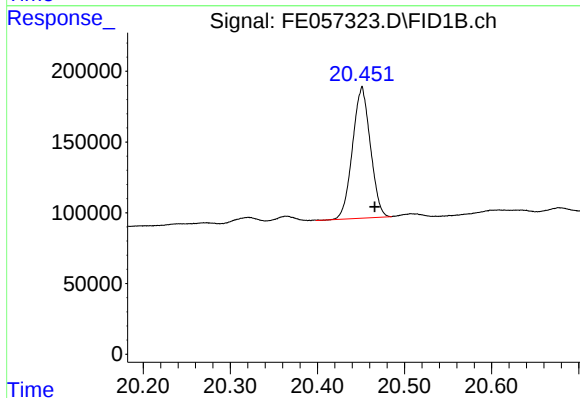
R.T.: 18.924 min
Delta R.T.: -0.016 min
Response: 1569337
Conc: 6.72 ug/ml



#19 n-Tetratriacontane (C34)

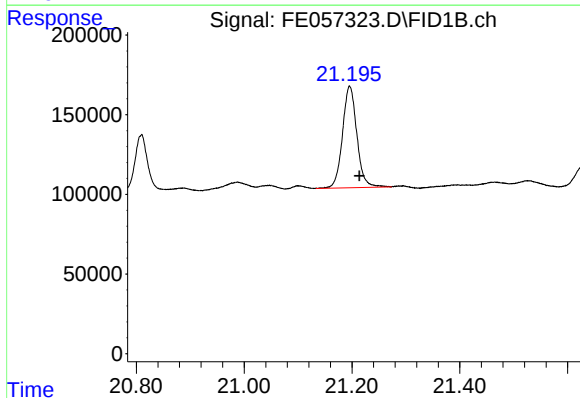
R.T.: 19.709 min
Delta R.T.: -0.016 min
Response: 1571781
Conc: 7.36 ug/ml

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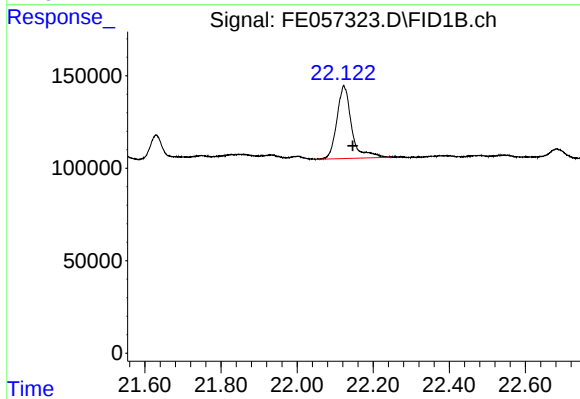
#20 n-Hexatriacontane (C36)

R.T.: 20.451 min
Delta R.T.: -0.015 min
Response: 1317289
Conc: 7.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: -0.018 min
Response: 1177608
Conc: 6.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: -0.023 min
Response: 1053613
Conc: 6.25 ug/ml