

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080625AL\
 Data File : FE055159.D
 Signal(s) : FID1B.ch
 Acq On : 06 Aug 2025 20:07
 Operator : YP\AJ
 Sample : Q2774-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 07 01:27:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.085	4464496	31.263 ug/ml
Spiked Amount 50.000		Recovery =	62.53%
12) S 1-chlorooctadecane (S...	13.522	3692048	34.337 ug/ml
Spiked Amount 50.000		Recovery =	68.67%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.402	69399	0.517 ug/ml
7) T n-Hexadecane (C16)	10.328	43879	0.343 ug/ml
8) T n-Octadecane (C18)	11.742	43541	0.334 ug/ml
10) T n-Eicosane (C20)	13.030	81024	0.646 ug/ml
11) T n-Heneicosane (C21)	13.713	117995	0.957 ug/ml
13) T n-Docosane (C22)	14.314	143625	1.176 ug/ml
14) T n-Tetracosane (C24)	15.372	978183	8.042 ug/ml
15) T n-Hexacosane (C26)	16.406	46149	0.386 ug/ml
16) T n-Octacosane (C28)	17.376	343372	2.895 ug/ml
17) T n-Tricontane (C30)	18.243	202937	1.649 ug/ml
18) T n-Dotriacontane (C32)	19.077	117008	0.959 ug/ml
19) T n-Tetratriacontane (C34)	19.864	45543	0.390 ug/ml
20) T n-Hexatriacontane (C36)	20.584	84843	0.776 ug/ml
22) T n-Tetracontane (C40)	22.365	36749	0.351 ug/ml

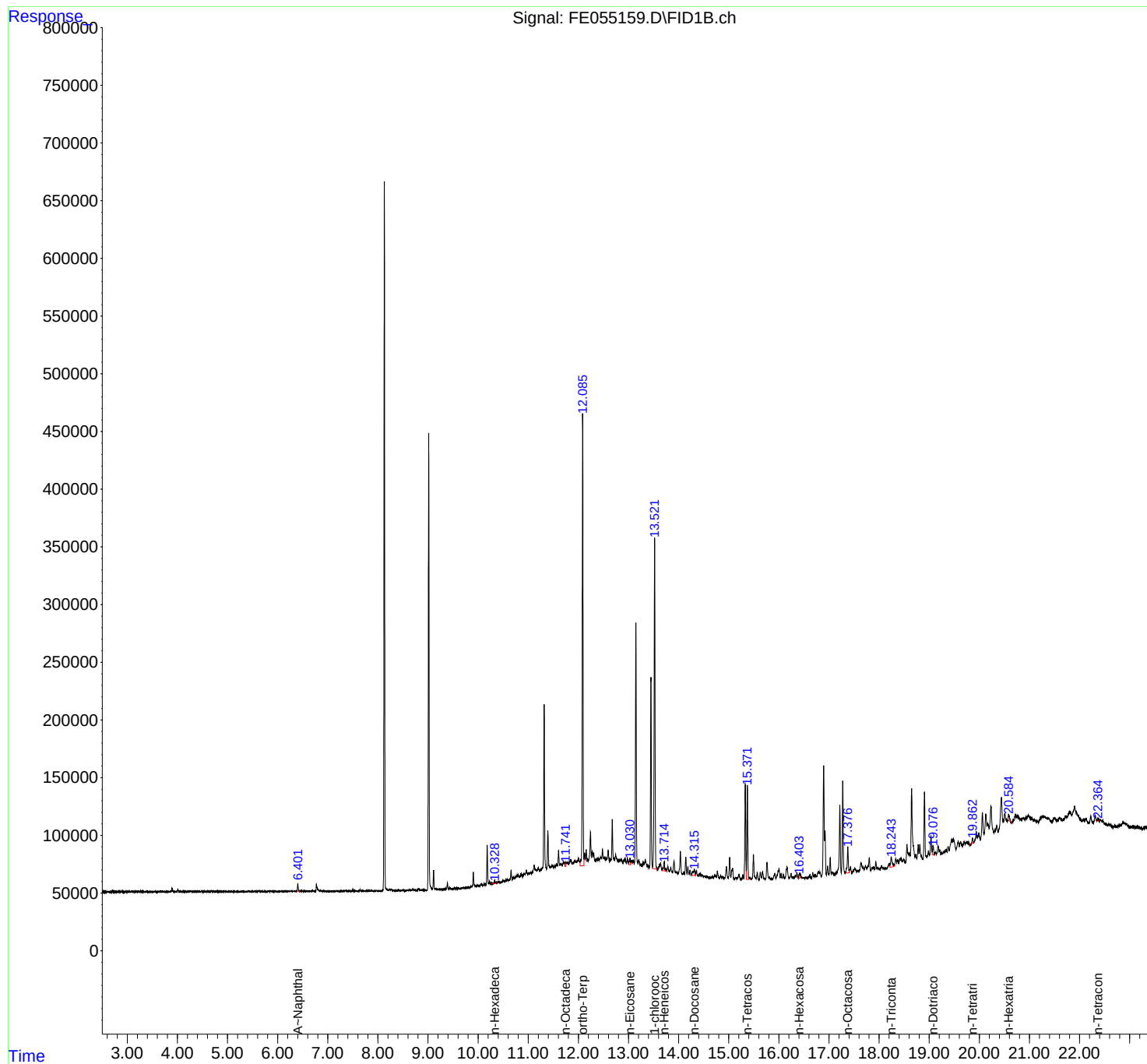
(f)=RT Delta > 1/2 Window

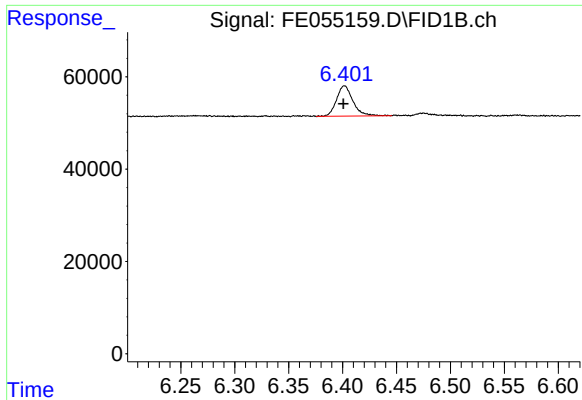
(m)=manual int.

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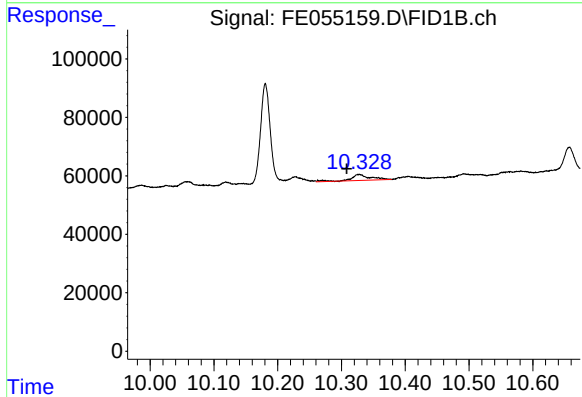
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





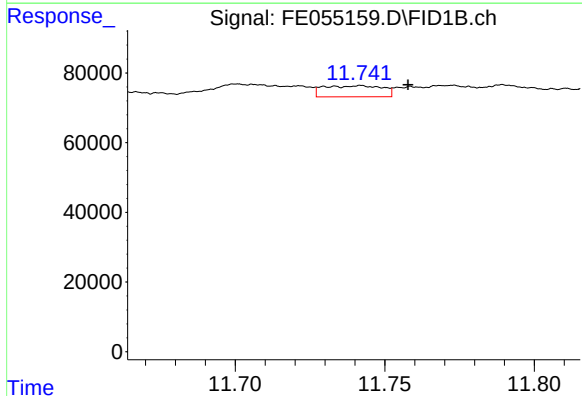
#3 A~Naphthalene (C11.7)

R.T.: 6.402 min
Delta R.T.: 0.001 min
Response: 69399
Conc: 0.52 ug/ml



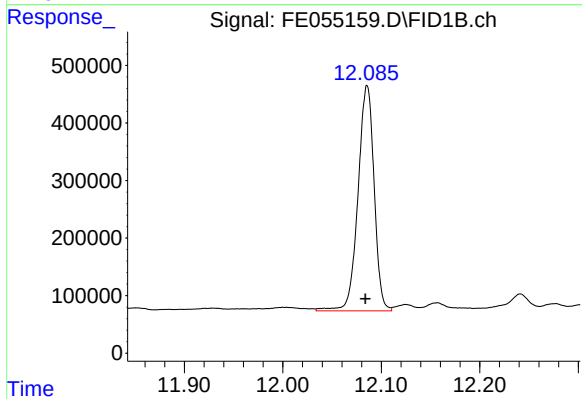
#7 n-Hexadecane (C16)

R.T.: 10.328 min
Delta R.T.: 0.020 min
Response: 43879
Conc: 0.34 ug/ml



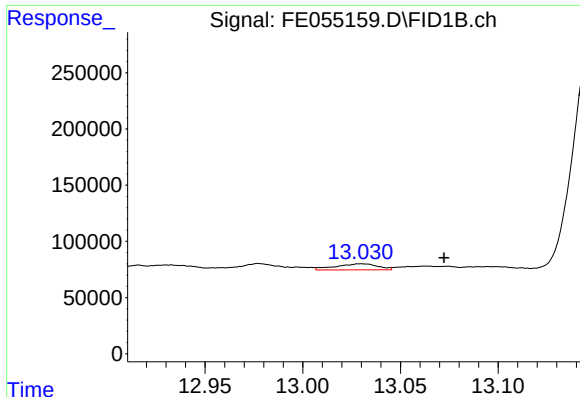
#8 n-Octadecane (C18)

R.T.: 11.742 min
Delta R.T.: -0.016 min
Response: 43541
Conc: 0.33 ug/ml



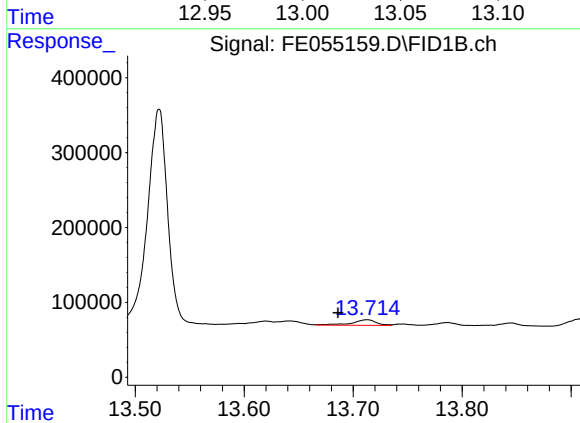
#9 ortho-Terphenyl (SURR)

R.T.: 12.085 min
Delta R.T.: 0.001 min
Response: 4464496
Conc: 31.26 ug/ml



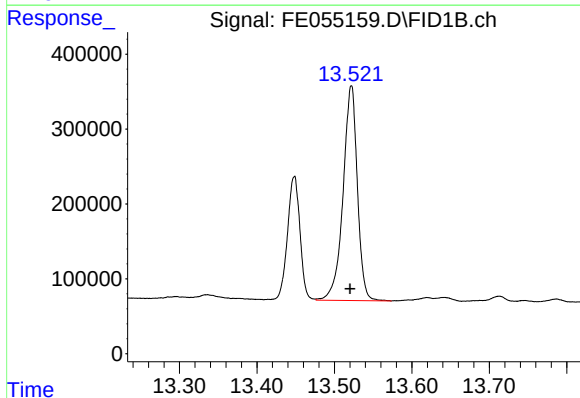
#10 n-Eicosane (C20)

R.T.: 13.030 min
Delta R.T.: -0.042 min
Response: 81024
Conc: 0.65 ug/ml



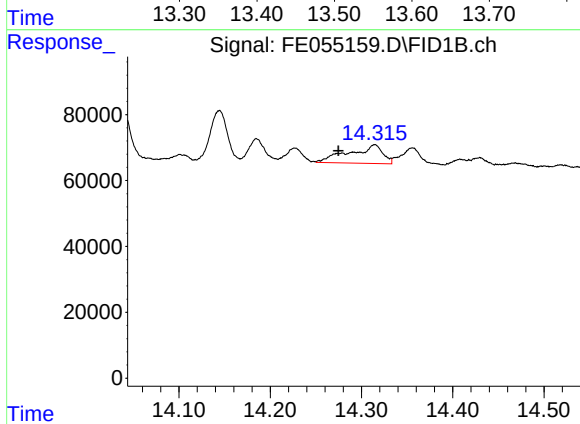
#11 n-Heneicosane (C21)

R.T.: 13.713 min
Delta R.T.: 0.026 min
Response: 117995
Conc: 0.96 ug/ml



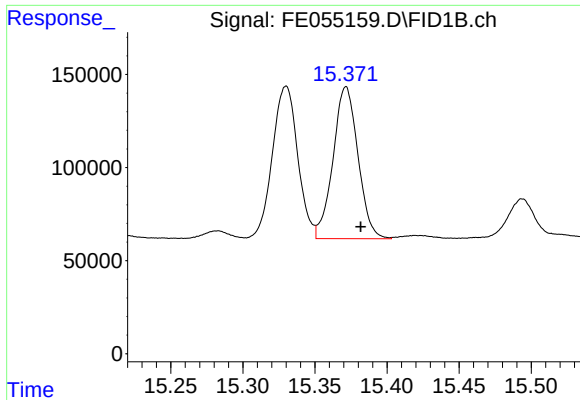
#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min
Delta R.T.: 0.001 min
Response: 3692048
Conc: 34.34 ug/ml



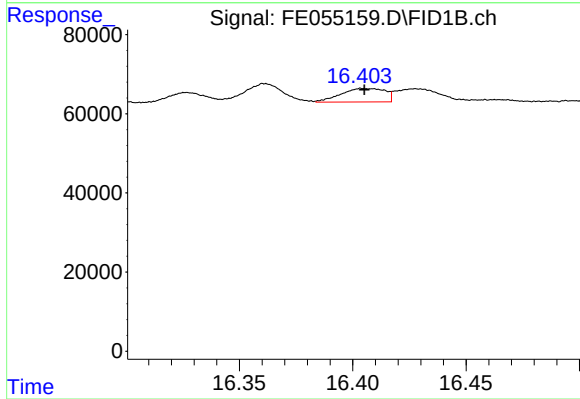
#13 n-Docosane (C22)

R.T.: 14.314 min
Delta R.T.: 0.040 min
Response: 143625
Conc: 1.18 ug/ml



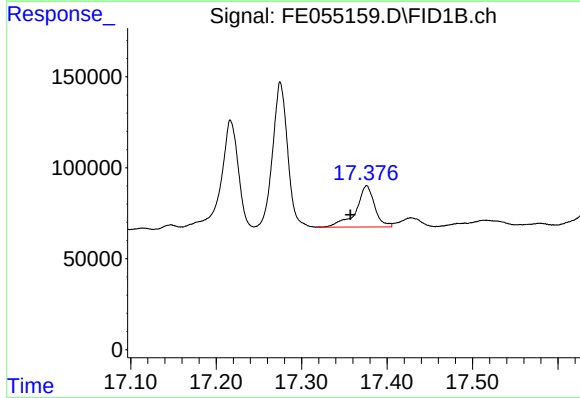
#14 n-Tetracosane (C24)

R.T.: 15.372 min
Delta R.T.: -0.010 min
Response: 978183
Conc: 8.04 ug/ml



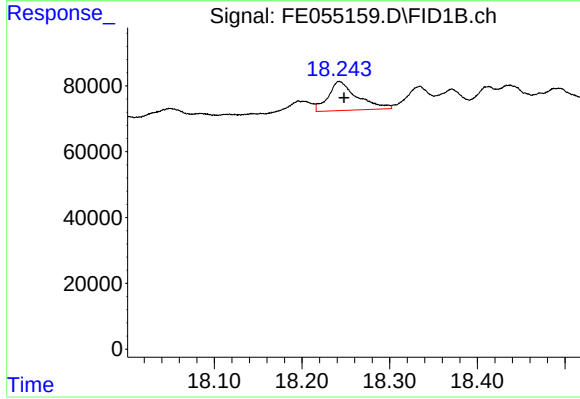
#15 n-Hexacosane (C26)

R.T.: 16.406 min
Delta R.T.: 0.000 min
Response: 46149
Conc: 0.39 ug/ml



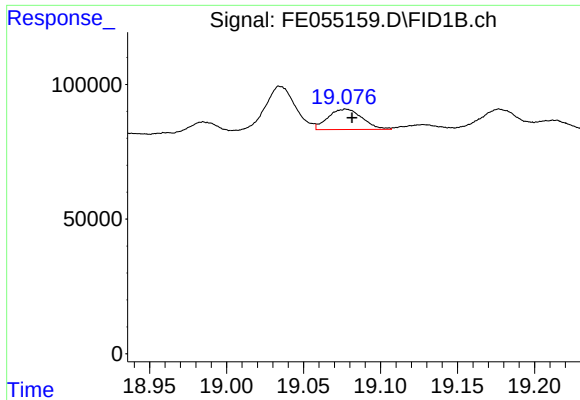
#16 n-Octacosane (C28)

R.T.: 17.376 min
Delta R.T.: 0.019 min
Response: 343372
Conc: 2.89 ug/ml



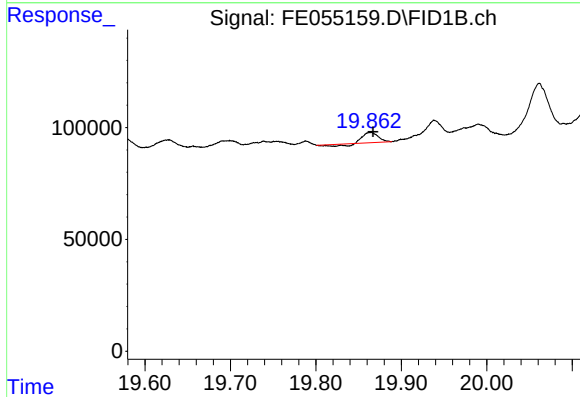
#17 n-Tricontane (C30)

R.T.: 18.243 min
Delta R.T.: -0.005 min
Response: 202937
Conc: 1.65 ug/ml



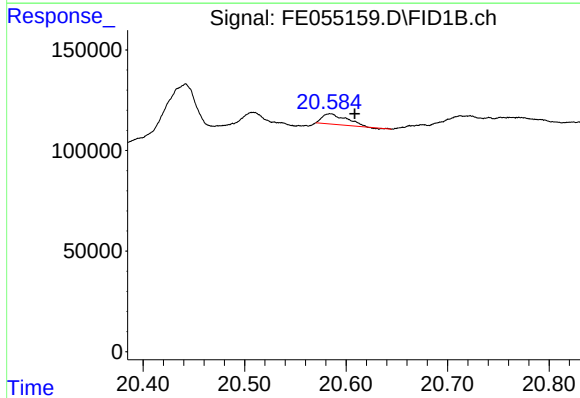
#18 n-Dotriacontane (C32)

R.T.: 19.077 min
Delta R.T.: -0.004 min
Response: 117008
Conc: 0.96 ug/ml



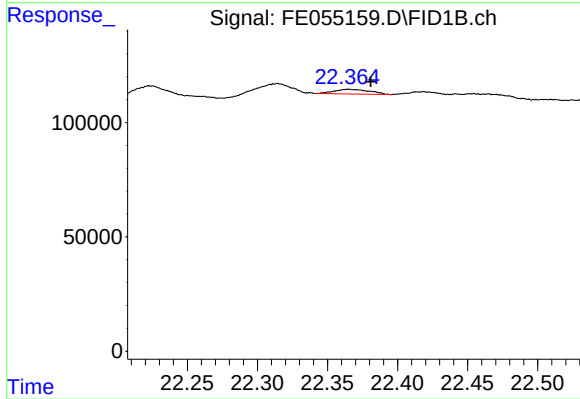
#19 n-Tetratriacontane (C34)

R.T.: 19.864 min
Delta R.T.: -0.003 min
Response: 45543
Conc: 0.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.584 min
Delta R.T.: -0.024 min
Response: 84843
Conc: 0.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.365 min
Delta R.T.: -0.015 min
Response: 36749
Conc: 0.35 ug/ml